

# **SELF STUDY REPORT**

Submitted to

**National Assessment**

**and**

**Accreditation Council**

**(NAAC)**

for

Re-accreditation



**DYAL SINGH COLLEGE,**

**KARNAL – 132001, HARYANA**

**December 2016**

## PREFACE

*If we work upon marble, it will perish;  
If on brass, time will efface it;  
If we rear temples, they will crumble into dust;  
But if we work upon immortal minds, and  
Imbue them with principles, with the just fear of God  
And love of our fellow men, we engrave on those tablets  
Something that will brighten to all eternity.*

### **Our Identity**

Dyal Singh College, Karnal is run by Dyal Singh College Trust Society. The college is a premier co-educational institution of Haryana. The institute owes its inception to the munificence and philanthropic zeal of its illustrious founder, Sardar Dyal Singh Majithia. What started as a single institution to gather and spread 'the wisdom of the East and the West' has now blossomed into a multifaceted chain of institutions.

### **Location**

Dyal Singh College is located in the heart of the city of Karnal. The city is very strategically situated on the historic Grand Trunk Road, now called Sher Shah Suri Marg or National Highway No. 1, midway between Delhi and Chandigarh. Though the college was originally established in May 1910 in Lahore, after the partition in 1947 the college was re-established at Karnal on September 16, 1949 to nurture academically thousands of young men and women of this area, who then sorely felt the need of a worthwhile academic institution between Ludhiana and Delhi.

### **Our Genesis**

Our genesis lies in the last Will and Testament of our illustrious founder **Sardar Dyal Singh Majithia**, who was a scion of the aristocratic family of Sardar Lehna Singh. Sardar Dyal Singh Majithia, one of the greatest philanthropists of his time, was a 'star' of the order of Abu Ben Adam, who endeared himself to God through service of God's children. He brought light of education, promoted civic and political awakening and founded the house of learning. He reminds us of Cicero's words "What greater or better gift can we offer the republic than to teach and instruct our youth." Sardar Dyal Singh Majithia wanted to end the sham and hypocrisies old prejudices prevalent in the society and to emancipate the masses intellectually, morally and politically. To achieve this end he dedicated all his property, movable and immovable, and created three trusts viz. the Dyal Singh College Trust, the Dyal Singh Library Trust and The Tribune Trust. He drew up a Will in June 1895 to give a concrete shape to his grand vision.

In accordance to his Will, Dyal Singh College came to be established in Lahore, now in Pakistan, in May, 1910 with the avowed aim that the college 'shall in all respects be a thoroughly efficient non-denominational college.....teaching up to

the highest standards.....and looking after the mental well-being of the pupils on its rolls.' The guiding force through the years is reflected in the prayer which was offered at the time of its foundation:

'May this institute prove a befitting memorial not only of its great benefactor, but also of his broad sacrifices and enlightened patriotism and may it inspire successive generations of young men and women with devotion to high ideals and models of zeal in the service of God and humanity!'

**The aims and objectives of Dyal Singh College Trust Society are:**

- To establish educational institutions from K.G. to higher education in general.
- To inculcate an outlook which is a blend of the wisdom of the east and the west.
- To impart value based education to produce citizens with the spirit of self-help, sacrifice and service.
- To imbibe a spirit of co-existence through emphasis on secular and democratic ideals.

**The Dyal Singh College Trust Society**

The first Board of Trustees was appointed by Sardar Dyal Singh Majithia himself.

Paragraph IX of his will mention their names:-

1. Babu Jogendra Chandra Bose, M.A., B.L., Pleader, Chief Court, Lahore.
2. Babu Sasi Bhushan Mukerjee, M.A., B.L., Professor, Government College, Lahore.
3. Dewan Narindra Nath, M.A., District Magistrate, Montgomery.
4. Mr. Charles Golak Nath, B.A., L.L.B., Barrister-at-law, Lahore.
5. Mr. Harkishan Lal, B.A. Barrister-at-law, Lahore.
6. Lala Ruchi Ram, M.A., Assistant Professor, Government College, Lahore.
7. Mr. Golak Nath Chatterjee, B.A., Assistant Professor, Government College, Lahore.
8. Lala Sunder Das Suri, M.A., Assistant Superintendent, Training College, Lahore.
9. Babu Abinas Chandra Mazumdar, the North-Western Railway Office, Lahore.

All these trustees were stalwarts of great integrity and high caliber with great sense of responsibility and devotion. They were devoted friends and well-wishers of the great Sardar on whom he could rely. They carried on their duty selflessly and efficiently. But for their devotion and sincerity the college could not make such progress and become one of the greatest educational institutions of Lahore (Punjab). Their selfless efforts deserve all praise.

Many other trustees who joined the Trust Society later in place of the deceased ones included great personalities like Dewan Anand Kumar, Dr. Shanti Swaroop Bhatnagar, Dr. Gopi Chand Bhargava, Dr. Amir Chand, Lala Brish Bhan and Shri B.K. Nehru.

**Dewan Anand Kumar** was a Scientist and jurist by education, an academic and educational administrator by vocation, and a reformist and philanthropist by thought and action. He has left indelible foot prints on the sands of time. During his long tenure of Vice-Chancellorship of Punjab University, he took the University to the zenith of its glory. He was the inspiration behind the establishment of National Dairy Research Institute, Karnal, Guru Nanak Engineering College, Ludhiana, Thapar Engineering College, Patiala, F.C. College for Women, Hisar and a Medical College in Patiala. He was also a member of the University Grants Commission, and President of the Dyal Singh Public Library Trust, New Delhi.

Dewan Anand Kumar was the founding father of Dyal Singh College, Karnal. It was due to the efforts of this visionary that Dyal Singh College, Karnal came into existence on September 16, 1949, 'Umar Manzil'-an evacuee property with ample space for playgrounds, etc. was acquired from the government and this is the beautiful building which houses the college even today. He served as the Honorary Secretary of the Dyal Singh College Trust Society from 1949 to 1981.

**Our Hon'ble Trustees are:**

1. Dewan Gajendra Kumar, M.A., B.Sc. (Engg.) (London) D.L.C. (Hons)
2. Sh. R.C. Sharma, IPS (Retd.), Former Director, CBI
3. Sh. C.K. Sawhney, IPS (Retd.), Former DGP, Punjab
4. Justice Sh. Ashok Bhan (Retd.), Supreme Court of India
5. Sh. D.K. Raina, Former Corporate Manager, BOC (India) Ltd., New Delhi
6. Sh. Arvind Kaul, IAS (Retd.), Former Chairperson, Himachal Pradesh Public Service Commission
7. Justice Sh. S.K. Misra (Retd.), High Court, Delhi
8. Vice Admiral (Retd.) Sh Satish Soni, PVSM, AVSM, NM, ADC
9. Sh. P.C. Sharma, IPS (Retd.), Former Director, CBI

**PROFILE OF THE HON'BLE TRUSTEES**

**Dewan Gajendra Kumar**

The torch of the Honorary Secretaryship of the Board of Trustees of the College was handed over to Dewan Gajendra Kumar in 1981 after the passing away of the previous incumbent of the office, his father, Dewan Anand Kumar, who had restarted the Dyal Singh College in Karnal in 1949 after the partition of the country. Dewan Gajendra Kumar's grandfather, Dewan Narendra Nath, M.A., District Magistrate, Montgomery, had been appointed a member of the first Committee of Trustees by the founder of the Trust, Sardar Dyal Singh Majithia himself. But Honorary Secretaryship came to Dewan Gajendra Kumar not just because of his three generation-long association with the college, he earned the right to succeed Dewan Anand Kumar by taking a very keen and active interest in the College and Trust affairs even while the Late Dewan Anand Kumar was alive and proved himself a worthy successor. If Dewan Anand Kumar was a father figure, Dewan Gajendra Kumar has guided the destinies of the college like an affectionate elder brother at a very crucial time when the college faced acute

financial crisis. Dewan Gajendra Kumar is successfully carrying on the work of which Dewan Anand Kumar was architect. He is a persuasive leader and an administrator with a difference.

Dewan Gajendra Kumar took his M.A. degree from Punjab University, Lahore, before proceeding to England for further studies. He took his B.Sc. degree in Engineering from London University and D.L.C. (Hons.) from Loughborough. Dewan Gajendra Kumar has also been a member of Delhi Urban Art Commission. He is the President of Dyal Singh College Governing Body at present.

**Sh. R.C. Sharma, IPS (Retd.)**

Sh. R.C. Sharma, Director CBI (Retd.) has been a long time member of Dyal Singh College Trust Society. Sh. Sharma joined the IPS in 1963 after taking his Master's degree in Economics from Punjab University, Chandigarh. He had been Director, PTC, Haryana Police Academy, Madhuban and Additional Commissioner (Police), Special Investigation Team. He did the Training Management Course from the Indian Institute of Management, Ahmedabad and Command Course from the prestigious National Police College, England. Sh. Sharma is also on the board of several reputed public limited companies and on the Governing Body of a number of Trusts and Societies. He is also the Chairman and President of FORE School of Management, New Delhi. He is the President of Dyal Singh College Trust Society and General Secretary, Governing Body, Dyal Singh College, Karnal.

**Sh. C.K.Sawhney, IPS (Retd.)**

Vice President of Dyal Singh College Governing Body, Sh. C.K. Sawhney was D.G.P. Punjab in the heyday of terrorism in the state in the 1980s and Chairman of PEPSU Roadways Transport Corporation. He has a very long association with Dyal Singh College, Karnal, having served here as lecturer in Physics from 1951 to 1955 before he joined the prestigious Indian Police Services. He was Director of Vigilance and D.I.G. Police in Punjab. During his illustrious career, Shri Sawhney was decorated with the Police Medal for Gallantry in 1967, President's Police Medal for Meritorious Service in 1973 and President's Police Medal for Distinguished Service in 1981. Sh. Sawhney is also the Chairman of the Managing Committee of Dyal Singh Public School, Dyal Singh Colony, Karnal.

**Justice Sh. Ashok Bhan (Retd.), Supreme Court of India**

Justice Ashok Bhan is the son of Late Lala Brish Bhan, the distinguished President of the Trust Society and Chief Minister of the state of PEPSU till its merger in the state of Punjab. Justice Bhan entered legal profession in 1965 as member of the Bar of Punjab & Haryana High Court. He served as Judge in Punjab & Haryana High Court and Karnatka High Court. He was acting Chief Justice of Karnatka High Court before his elevation to the highest court in the country. He has also been a part-time teacher of Law at Punjab University, Chandigarh. After his retirement he adorned the position of the Chairman of the National Consumer Disputes Redressal Commission. He is a Trustee of Dyal Singh College Trust Society.

**Sh. D.K. Raina**

Sh.D.K. Raina is Honorary Secretary, Dyal Singh College Trust Society and Treasurer, Governing Body, Dyal Singh College, Karnal. Intended for a career in the Armed Forces, Sh. Raina was forced to go in for a change due to a serious injury suffered after passing out from NDA, Khadakvasla. He was with the Research and Analysis Wing, Government of India before opting for the corporate sector. He held the position of Corporate Manager, BOC India Ltd. He is also the Chairman of the Managing Committee of Dyal Singh Public Schools, Sector-7, Karnal and Jagadhari.

**Sh. Arvind Kaul, IAS (Retd.)**

An IAS officer of the 1968 batch, Sh. Arvind Kaul retired as Chairperson, Himachal Pradesh Public Service Commission. After taking his Master's degree in Economics from St. Stephen's College, New Delhi, he served as lecturer in Economics in Sri Venkateswara College, University of Delhi before joining Indian Administrative Services. He did Post Graduate Diploma in Development Studies from Cambridge University, U.K. He has held a series of important assignments including Chief Secretary of Himachal Pradesh. He has travelled extensively in Europe, North America, the Middle East, South East Asia, China and Australia. He is a Trustee of Dyal Singh College Trust Society.

**Justice Sh. S. K. Misra (Retd.)**

After completing his law from Delhi University, Justice Sudershan Kumar Misra enrolled with the Bar Council of Delhi in 1978. He actively practiced in the High Court and was standing counsel for the Central Government. He was designated as Senior Advocate. His legal practice has been varied and he has appeared before the Delhi High Court, Supreme Court of India, MRTP Commission, DRT, etc. in civil, constitutional, corporate, company, service and arbitration matters. He has been a part-time Lecturer in Law at Law Centre, University of Delhi and was a Member of the Law Reporting Council of the Indian Law Reports of the High Court of Delhi. Apart from Union of India, Justice Misra also represented various important statutory bodies like Union Public Service Commission, Delhi; Delhi Vidyut Board; Central Board of Secondary Education; Municipal Corporation of Delhi etc. His outstanding professional caliber elevated Justice Misra to the positions of Additional Judge and then Permanent Judge of the Delhi High Court. Having been a perfect communicator and a proficient administrator coupled with his deep interest and understanding in law, Justice Misra has proved himself to be a very successful Judge. He is well known and respected for his honesty and integrity. Justice Misra is a trustee of Dyal Singh College Trust Society and Dyal Singh Library Trust Society, Delhi.

**Vice Admiral (Retd.) Satish Soni, PVSM, AVSM, NM, ADC**

Vice Admiral (Retd.) Satish Soni, PVSM, AVSM, NM, ADC on completion of his schooling, joined the National Defence Academy and was commissioned into the Indian Navy on 01 July 1976. He is an alumnus of the Defence Services Staff College, Wellington and the College of Naval Warfare, Mumbai. He has specialised in Navigation and Direction, and has also undergone the Ship's Diver Course. He has held various important training-related appointments during his long and illustrious career in the Navy. As a Rear Admiral, he served as the Assistant Chief of Personnel (Human Resource Development). He was appointed as the Commandant of the National Defence Academy (NDA) in 2009 – 2010. He headed the Indian Navy's Training Command from 2012 to 2014. He has also been actively involved with teaching and administration related functions of various schools. He has received several honours and awards during his illustrious career. He was awarded the coveted 'Sword of Honour' during his initial training, and was commended by the Chief of the Naval Staff in 1992. He is also the recipient of the Nau Sena Medal. He was honoured with the Presidential Awards of Ati Vishist Seva Medal (AVSM) in 2006 and Param Vishist Seva Medal (PVSM) in 2013. Vice Admiral (Retd.) Satish Soni, PVSM, AVSM, NM, ADC is a trustee of Dyal Singh College Trust Society; Member, Governing Body, Dyal Singh College, Karnal and the Chairman of the Managing Committee of Dyal Singh Public School, Panipat.

**Sh. P.C. Sharma, IPS (Retd.)**

Sh. P.C. Sharma, an avid reader and an author, is a retired Indian Police Officer. Sh. Sharma joined the Indian Police Services in 1966 and was the Director of the Central Bureau of Investigation (CBI) of India from 2001-2003. He also served as the Head, National Bureau of Interpol. Sh Sharma held several key positions before becoming the CBI Director. He adorned the position of the Director General of Police, Sikkim. He was appointed to the National Human Rights Commission of India for two consecutive terms. He is a trustee of Dyal Singh College Trust Society.

### **List of the members of the Governing Body**

1. Dewan Gajendra Kumar, M.A., B.Sc. (Engg.) (London) DLC (Hons) President
2. Sh. C.K. Sawhney IPS (Retd.) , Former DGP, Punjab Vice President
3. Sh. R.C. Sharma IPS (Retd.), Former Director CBI General Secretary
4. Sh. D.K. Raina, Former Corporate Manager, BOC (India) Ltd. Treasurer
5. The Principal, S.U.S. Govt. College, Matak Majri, Indri Govt. Nominee
6. Prof. (Dr.) Brajesh Sawhney, K.U. Kurukshetra VC Nominee
7. Vice Admiral, Sh Satish Soni, PVSM, AVSM, NM (Retd.) Member
8. Dr. K.L. Johar, Former Vice Chancellor, GJUST, Hisar Member
9. Sh. Gurdip Singh Member
10. Dr. R.N. Pal, Former-Pro Vice Chancellor, P.U, Patiala Member
11. Sh. B.R. Gulati, General Manager, DSCTS, Karnal Ex-Officio Member
12. Brig. N.K. Bhandari (Retd.) Member
13. Dr. Tejinder Singh Member
14. Sh. Rajinder Mohan Sharma Member
15. Dr. Ramji Lal, Former Principal, D.S.College, Karnal Member
16. Sh. J.S. Kalyana, Former Principal, D.S.College, Karnal Member
17. Dr. Pampa Sen Gupta Member
18. Dr. Randhir Singh, Teacher's Representative Member
19. Sh. Dinesh Kumar, Teacher's Representative Member
20. Sh. Chander Parkash, Non-Teaching Representative Member
21. Dr. Krishan Lal Gosain, Principal (Offg.) Ex-Officio Member Secretary



## TEACHING FACULTY

1. Dr. K L Gosain
2. Dr. Chander Kanta
3. Dr. Basant Kumar
4. Mrs Manishaa Sharma
5. Dr. Chander Shekher
6. Sh Sanjay Kumar
7. Dr. R.C. Saini
8. Dr. Rajinder Kumar
9. Dr. Neena Arora
10. Sh Rajpal Singh
11. Sh Rajesh Arora
12. Sh Sushil Kumar
13. Dr. Sanjeev Sharma
14. Dr. Kushal Pal
15. Ms Sarita
16. Sh S.L. Arora
17. Dr. Randhir Singh
18. Mrs Poonam Singla
19. Dr. Balbir Singh
20. Dr. Mukta Jain
21. Ms Rajni Seth
22. Dr. S.P. Bhatti
23. Dr. Subhash Saini
24. Dr. Devender Singh
25. Dr. Sarika Choudhary
26. Dr. Renu Tanwar
27. Ms Santosh Yadav
28. Dr. Vishakha
29. Sh Dinesh Kumar
30. Sh Sandeep Kumar
31. Dr. Ritu Sharma (Eng.)
32. Sh Subhash Singh
33. Dr. Pawan Kumar
34. Dr. Anita Aggarwal
35. Dr. Ritu Sharma (Eco.)
36. Dr. Jyotsna Grewal
37. Dr. Vivek Parkash
38. Dr. Mahavir Parshad
39. Dr. Ravi Kumar
40. Sh Mahavir Singh (Eng.)
41. Sh Bhupender Kumar
42. Dr. Jai Kumar
43. Dr. Surender Bala
44. Ms Aastha Bhatia
45. Dr. Pooja Malhotra
46. Dr. Dimple Khosla
47. Dr. Parveen Kumar
48. Ms Ambika Rani
49. Ms Nidhi Jast
50. Dr. Shweta Yadav
51. Ms Vandana Sabharwal
52. Sh Tejpal
53. Ms.Mamta Arora
54. Ms. Rashi
55. Ms. Chanchal Gupta
56. Ms. Komal Gupta
57. Mrs. Suman Rani
58. Ms. Navandeep Kaur
59. Ms. Neha Gupta
60. Ms Latika Sharma
61. Ms. Geetanjali
62. Ms. Nancy Bawa
63. Ms. Komal Kalra
64. Ms Mamta Rani
65. Ms. Manisha Choudhary
66. Ms. Samridhi Gupta
67. Ms. Parul
68. Dr. Subhash Chander
69. Ms. Heena Sharma
70. Ms. Manisha Yadav
71. Dr. V.K.Goyal
72. Ms. Seema Devi
73. Sh. Sunil Dutt
74. Ms. Rajni
75. Sh. Naveen Garg
76. Ms. Pinki

77. Ms. Mona
78. Ms. Sonam Sharma
79. Ms Swati
80. Ms. Usha
81. Ms.Priyanka Arya
82. Ms. Srishti Saini
83. Ms. Latika
84. Sh. Sachin Goyal
85. Ms. Shikha Sandhu
86. Ms. Asha Madaan
87. Sh. Amir Singh
88. Sh. Sunil Kumar
89. Ms. Vandana
90. Ms. Sonia Sharma
91. Sh. Mandeep Singh
92. Ms. Amandeep Shingari
93. Ms. Neeru
94. Ms. Gurpreet
95. Ms. Kirti Mittal
96. Ms. Manju Bala
97. Ms Tarandeep Chhabra
98. Ms. Rekha Rani
99. Ms Jyotsana
100. Ms Shruti Goel
101. Ms Shweta
102. Ms Mansi Aggarwal
103. Ms Pooja Garg
104. Ms Bharti
105. Sh. Vikas Garg
106. Sh. Jitender Kaushik
107. Sh. Sandeep
108. Ms. Samriti Gupta
109. Ms. Gurmeet Kaur
110. Ms. Ruchi Gupta
111. Ms. Pinki
112. Ms. Havi Bahrdwaj
113. Ms. Sneha
114. Ms. Richa Vasuja
115. Ms. Shiril
116. Ms. Samridhi Sharma
117. Ms. Navneet Kaur
118. Ms. Malti Verma
119. Dr. Meenu Anand
120. Ms. Shobha
121. Mr Parveen Kumar
122. Sh. Vijay Chauhan
123. Dr. Balvinder Singh
124. Ms Preet Rachna
125. Ms Neha Kaushik
126. Sh Dheeraj Kaushik
127. Sh Vikas Bhargav
128. Sh Ranjeet
129. Sh Harish Kumar, Librarian

## NON-TEACHING STAFF

1. Sh Rajiv Jain
2. Sh Azad Singh
3. Sh Sanjeev Kumar
4. Sh Ajay Kapoor
5. Sh Jatinder Chawla
6. Sh Ashok Kumar
7. Ms Namrata
8. Sh Santosh Kumar
9. Sh Tara Chand
10. Sh Rakam Singh
11. Sh Yashpal
12. Sh Parveen Kumar (C.Sc.)
13. Sh Gurdyal Singh
14. Sh Bhushan Kumar
15. Sh Rinku
16. Sh Shiv Kumar
17. Sh Pawan Kumar
18. Sh Vipin kumar
19. Sh Raj Kumar
20. Sh Parveen Kumar-CH)
21. Sh Bhupinder Kumar
22. Sh Rajesh (Restorer)
23. Ms Kavita Devi
24. Sh Chander Parkash
25. Sh Mukesh Kumar
26. Sh Satinder Singh
27. Sh Mohinder (Mali)
28. Sh Dharambir
29. Sh Mewa Singh
30. Sh Mohinder Singh
31. Sh Angad Kumar
32. Sh Shishu Pal
33. Sh Rajesh Kumar
34. Sh Parveen Kumar
35. Sh Kailash
36. Sh Piyush Girdhar
37. Sh Bihari Lal
38. Sh Sandeep Kumar
39. Sh Sanjeev Kumar
40. Sh Sushil Ranga
41. Sh Sunil Dutt
42. Sh Jai Parkash
43. Sh Gurvinder Singh
44. Sh Naity Sachdeva
45. Sh Naresh Kumar
46. Sh Ram Karan
47. Sh Baljeet Kumar
48. Sh Satya Prakash
49. Sh Nishu
50. Sh Mukesh
51. Sh Mangat
52. Sh Subhash Chand
53. Sh Ankur
54. Sh Rajesh
55. Sh Raj Kumar
56. Ms Nirmala Devi
57. Sh Ajay Kumar (Chowkidar)
58. Sh Harish Kumar (Mali)
59. Sh Satbir Singh
60. Sh Karam Singh
61. Sh Vinod Kumar
62. Ms Sanju Rani

## **Executive Summary**

Dyal Singh College, Karnal is a premier multi faculty co-educational institution in the state of Haryana. The college was established in 1910 in Lahore as a result of the munificence and philanthropic zeal of the illustrious founder Sardar Dyal Singh Majithia, who bequeathed his enormous property to three trusts – one for the establishment of a first grade college in Lahore, second for the establishment of a modern library and third for running of a newspaper. After the partition the college was re-established in Karnal on September 16, 1949 by the untiring efforts of Dewan Anand Kumar.

From the very onset the college has catered to the educational needs of the youth of this area. It has been a worthwhile academic institution to nurture thousands of young men and women between Ludhiana and Delhi. Due to the continuous efforts of our worthy trustees, what started as a single institution to gather and spread ‘the Wisdom of the East and the West’ has now blossomed into a multifaceted chain of institutions.

### **Strengths**

The college has constantly developed with the ever growing strengths, which are :

- The college is governed by dedicated, motivating group of trustees, who are stalwarts of great integrity and high caliber with great sense of responsibility and devotion.
- The eminent persons of great talent are appointed as members of Governing Body by the trust.
- In 1949 when the college was re-established in Karnal it was the only educational institution between Ludhiana and Delhi.
- It is a multi-faculty post graduate co-educational institution supporting a strength of 3805 students.
- The college has highly qualified, dedicated and experienced faculty.
- The college has the faculty strength of 129 teachers comprising of 52 working on permanent basis.
- Out of the 52 regular faculty 23 are Associate Professor and 29 are Assistant Professors.
- There are 32 faculty members with Ph.D. and 04 are pursuing Ph.D. course.
- The college has signed agreement of co-operation with 2 foreign universities for the exposure of the students and the faculty members.
- The faculty members of the college have visited USA, Canada, Italy, U.K., France, Hungary, Thailand, Sri Lanka and Nepal to present their research papers in the international seminars/conferences.
- The faculty members are invited to act as resource persons, chair the sessions in seminars/conferences.
- Two of the faculty members have worked as post doctoral fellows in Hungary and England.

- The college has 13 under graduate courses, 07 post graduate courses in Arts, Science and Commerce and 03 Career Oriented Add-on Courses.
- As much as 15 teachers act as Resource Persons for EDUSAT programme and more than 300 lessons prepared on PPT are available for the students.
- Our faculty members are actively involved in research. Four (04) major research project and seven (07) minor research projects have been sanctioned to our faculty members by DST and UGC.
- Seventeen (17) faculty members from the Department of Commerce, Chemistry, History, Botany, Computer Science, Genetics, Zoology, Hindi, English and Political Science are guiding research.
- Our faculty members have supervised/are supervising twenty three (23) Ph.D. students with various universities.
- One hundred nine (109) M.Phil. students of various universities have been supervised by our faculty members.
- Our faculty members have got 396 research papers published in national/international journals and have presented 588 research papers in national/international seminars/ conferences.
- One hundred six (106) books with Indian and International publishers have been published and five (05) books have been edited by the faculty.
- Twenty five (25) chapters in various books have been contributed by the faculty members.
- Sixteen (16) members of the faculty have been honoured by various organizations.
- The college has organized eighteen (18) national/international seminar/conferences/ workshops in the post-accreditation years.
- Our P.G. and U.G. students bag maximum number of positions in the merit list of the Kurukshetra University, Kurukshetra.
- The Physical Education Department maintains a 200m athletics track and facilities for all field events. The department also maintains Volleyball, Basketball, Badminton (Indoor) and Kabaddi courts and a TT room with facility for Chess. There is Cricket net facility and a 12 station multi-gym with the latest weight lifting set. Alongwith these the department is updating the indoor Badminton and Lawn Tennis court
- Our students excel in sports and represent University in inter university and national level competitions.
- One of our students has represented Haryana and Delhi in Ranji Trophy and has played the IPL matches.
- Our students participate in Zonal and Inter Zonal cultural competitions and get recommended and commended positions in these competitions.
- Our college hosts Inter District Level Science Exhibitions and our students participate in such exhibitions at State Level and have achieved 1<sup>st</sup> position at State Level also.
- The college magazine 'Harmony' is published every year. It provides a platform for the students to express their creative writing abilities.

- In our college the various subject societies are actively involved in holding various activities related to the overall development of the students like debate, declamation, paper reading, essay writing, quiz competitions.
- The Women Development Centre of the college organizes programmes on the burning issues of gender sensitization, female foeticide and anti dowry campaigns.
- The Blood Donor's Club, Red Ribbon Club and the Red Cross Society of the college organize Blood Donation Camp on the Founder's Day i.e. September 9 every year and arrange lectures on AIDS and Camps on First Aid.
- Legal Literacy Cell of the college organizes various awareness programmes.
- NSS units of the college have adopted a village Uchana near Karan Lake, Karnal and the volunteers teach the villages regarding personal hygiene, smokeless chullahas and use of bio-gas.
- The NCC cadets of Army and Air Wing participate in various state/ national level camps and participate in R.D. camps and R.D. Parade too.
- Our college has a spacious library with more than 66466 books for the use of students and the faculty.
- The library is semi-automated. It has OPAC terminal and has a link with INFLIBNET, which provides access to 97300 e-books and 5902 e-journals of different disciplines
- The college was running UGC sponsored Remedial Coaching Classes, coaching for NET, SET exams and entry in Services Competitions for backward, financially backward, minority and SC/ST category students under XI th plan of UGC and applied for grant in XIIth plan.
- The college has 36 class rooms, 28 well equipped laboratories, 1 museum, 1 workshop and one dark room
- The college has wi-fi campus with internet connectivity in every part of the college.
- Our P.G. departments of Chemistry and Political Science have received Rs. 9 lacs and Rs. 5 lacs respectively as Special P.G. Grant under XI Plan of UGC.
- The college has been sanctioned a grant of Rs. 49.50 lakhs under FIST programme of Department of Science and Technology (DST).
- The college boasts of having a big auditorium, smart class room and 12 LCD projectors.
- The well placed Alumni are an indicator of the quality education and the holistic environment provided by the college for the overall development of the personality of the students.
- The students of various categories are given scholarships, freeships and financial assistance from various agencies.
- The college administration is contributing sincerely to maintain eco-friendly environment by using solar lights, by installing rain water harvesting system and the regular plantation.

- The financial administration is transparent and is actively engaged to arrange funds from various sources and agencies for the development of the college.
- The college always strives to attain and realize its vision, mission and objectives.

### **Weaknesses**

In spite of our best efforts the college faces some of the constraints from various factors that hamper the development of the college.

- A number of posts (teaching and non-teaching) are lying vacant.
- Semester system poses a big problem due to the poor mechanism of the examination and result.
- The teachers are left with very short time for teaching and the students don't get their results in time and also in a proper manner.
- The auditorium needs to be strengthened with permanent fixtures and audio system.

### **Opportunities**

Our progressive and dynamic management always encourages the members to undertake various research projects along with their assigned duties. Whenever there is a proposal to start a new course they always help to undertake the project. It is due to their untiring efforts and co-operation that in the post accreditation years the college has started various new courses. The college endeavours to be in constant touch with the alumni to provide career guidance and placement to our students.

### **Challenges**

In the present world of unemployment the college is trying to provide vocational job oriented education to the students through the courses like Bio-informatics, Web Designing, Computational Physics, B.C.A. and P.G. Courses in Chemistry and Commerce. As most of the students in Humanities and Science are from rural background, they are weak in communication skills. Therefore it is a challenge to equip them with the acceptable standards of communication. The college has been sanctioned career oriented programme in Functional English by the UGC.

## 1. Profile of the College

### 1. Name and Address of the College:

<b>Name :</b>	<b>Dyal Singh College</b>	
<b>Address :</b>	<b>Dyal Singh Colony</b>	
<b>City : Karnal</b>	<b>Pin : 132001</b>	<b>State : Haryana</b>
<b>Website :</b>	<b>www.dsckarnal.org</b>	

### 2. For communication:

<b>Designation</b>	<b>Name</b>	<b>Telephone with STD code</b>	<b>Mobile</b>	<b>Fax</b>	<b>Email</b>
<b>Principal (Offg.)</b>	<b>Dr. Krishan Lal Gosain</b>	<b>0184-2252030 (Office)</b>	<b>98962-91181</b>	<b>0184-2260700</b>	<b>dscollege_knl@rediffmail.com</b>
<b>Steering Committee Co-ordinator</b>	<b>Dr. Chander Shekhar</b>	<b>O: 0184-2252030 R:0184-2284343</b>	<b>94167 - 33043, 89506 83534</b>	<b>0184-2260700</b>	<b>bhardwajcs@rediffmail.com</b>

### 3. Status of the Institution :

- Affiliated College
- Constituent College
- Any other (specify)

### 4. Type of Institution:

#### a. By Gender

- i. for Men
- ii. for Women
- iii. Co-education

#### b. By Shift

- i. Regular
- ii. Day
- iii. Evening

### 5. Is it a recognized minority institution?

- Yes
- No



If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence. **N.A.**

6. Source of funding:

- Government   
Grant-in-aid   
Self-financing   
Any other

7. a. Date of establishment of the college:

**16/09/1949**

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

**Kurukshetra University, Kurukshetra**

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	<b>09-1956</b>	
ii. 12 (B)	<b>09-1956</b>	

(Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act enclosed)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) **N.A.**

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes  No

If yes, has the College applied for availing the autonomous status?

Yes  No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes  No

If yes, date of recognition: ..... (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes  No

If yes, Name of the agency ..... and

Date of recognition: ..... (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	<b>Urban</b>
Campus area in sq. mts.	<b>32374.85</b>
Built up area in sq. mts.	<b>13310.53</b>

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities
  - \* play ground
  - \* swimming pool
  - \* gymnasium
- Hostel
  - \* Boys' hostel 
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)
  - \* Girls' hostel 
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)
  - \* Working women's hostel 
    - i. Number of inmates
    - ii. Facilities (mention available facilities)
- Residential facilities for teaching and non-teaching staff  
(give numbers available -- cadre wise) 
  - Non Teaching: **10**
- Cafeteria
- Health centre
  - First aid, Inpatient, Outpatient, Emergency care facility, Ambulance
  - Health centre staff
    - Qualified doctor Full time  Part-time
    - Qualified Nurse Full time  Part-time
- Facilities like banking, post office, book shops  
**State Bank of Patiala, Dyal Singh College Branch, Karnal,**  
**ATM of State Bank**

- Transport facilities to cater to the needs of students and staff
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage
- Solid waste management facility
- Waste water management
- Water harvesting

12. Details of programmes offered by the college for the year 2016-17

S. N.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned Student Strength	Number of students admitted
i)	Under Graduate	<b>B.A .</b>	6-Semester	12 <sup>th</sup>	English/ Hindi	No Bar	402
		<b>B.A. (Hons.) English</b>	6-Semester	12 <sup>th</sup>	English	No Bar	34
		<b>B.A. (Hons.) Economics</b>	6-Semester	12 <sup>th</sup>	English/ Hindi	No Bar	33
		<b>B.Sc. Non-medical</b>	6-Semester	12 <sup>th</sup>	English	No Bar	164
		<b>B.Sc. Non-medical (Self Finance)</b>	6-Semester	12 <sup>th</sup>	English	80	79
		<b>B.Sc. Genetics</b>	6-Semester	12 <sup>th</sup>	English	20	13
		<b>B.Sc. Medical</b>	6-Semester	12 <sup>th</sup>	English	No Bar	49
		<b>B.Sc. Bio-technology</b>	6-Semester	12 <sup>th</sup>	English	20	22
		<b>B.Sc. Computer Science</b>	6-Semester	12 <sup>th</sup>	English	80	78
		<b>B.Sc. Electronics</b>	6-Semester	12 <sup>th</sup>	English	60	32
		<b>BCA</b>	6-Semester	12 <sup>th</sup>	English	80	71
		<b>B.Com. (Gen.)</b>	6-Semester	12 <sup>th</sup>	English/ Hindi	160	177
		<b>B.Com. (Honours)</b>	6-Semester	12 <sup>th</sup>	English/ Hindi	60	65
		<b>B.Com. (Taxation Procedure and Practice)</b>	6-Semester	12 <sup>th</sup>	English/ Hindi	80	85

ii)	Post-Graduate	M.A. English	4-Semester	Graduation	English	50	31
		M.A. Hindi	4-Semester	Graduation	Hindi	50	10
		M.A. Political Science	4-Semester	Graduation	Hindi	50	12
		M.A. Economics	4-Semester	Graduation	English/Hindi	25	17
		M.Sc. Chemistry	4-Semester	Graduation	M.Sc. Chemistry	40	42
		M.Com.	4-Semester	Graduation	English/Hindi	60	43
		M.Sc. Forensic Science (Five Year Integrated Programme)	10-Semester	12 <sup>th</sup>	English	30	24
M.Phil.	---	---	---	---	---		
Ph.D	---	---	---	---	---		
Certificate Course	Bio-informatics	1- Year	12 <sup>th</sup>	English	30	94	
	Web Designing	1- Year	12 <sup>th</sup>	English	40+40	78	
	Computational Physics	1- Year	12 <sup>th</sup>	English	40	243	

\* The number of students admitted in some courses is more than the sanctioned strength due to temporary 10% increase of seats.

13. Does the college offer self-financed Programmes?

Yes  No

If yes, how many? 08

14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	04
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15. **List the departments:** (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Particulars	UG	PG	Research
Science	1. Biotechnology 2. Botany 3. Chemistry 4. Computer Science 5. Electronics 6. Genetics 7. Mathematics 8. Physics 9. Zoology	1. Chemistry 2. M.Sc. Forensic Science (5 Years Integrated Programme)	Nil

Particulars	UG	PG	Research
<b>Arts</b>	1. Economics 2. English 3. Geography 4. Hindi 5. History 6. Mathematics 7. Political Science 8. Punjabi 9. Sanskrit	1. English 2. Hindi 3. Political Science 4. Economics	Nil
<b>Commerce</b>	1. Commerce 2. Honours 3. Tax Procedures and Practices	1. Commerce	Nil
<b>Professional Course</b>	1. BCA	-	-
<b>Career (Job) Oriented Courses (Under dual degree programme)</b>	1. Bio-informatics 2. Web Programming (Web Designing) 3. Computational Physics	-	-

16. Number of Programmes offered under (Programme means a degree course like B.A., B.Sc., M.A., M.Com.)

a. annual system	Nil
b. semester system	20
c. trimester system	Nil

17. Number of Programmes with

a. Choice Based Credit System	x
b. Inter/Multidisciplinary Approach	04
c. Any other ( specify and provide details)	x

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes  No

19. Does the college offer UG or PG programme in Physical Education?

Yes  No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty				Non-teaching staff		Technical staff	
	Associate Professor		Assistant Professor		M	F	M	F
	M	F	M	F				
Sanctioned by the UGC / University / State Government			67		43		01	
<i>Recruited</i>	15	8	14	15	29	01	0	01
<i>Yet to recruit</i>			15		13			
Sanctioned by the Management/ society or other authorized bodies	-	-	18	59	28	02	01	0
<i>Recruited</i>								
<i>Yet to recruit</i>	-	-						

\*M-Male \*F-Female

21. Qualifications of the teaching staff:

Highest qualification	Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	
<b>Permanent teachers</b>					
<b>D.Sc./D.Litt.</b>	-	-	-	-	-
<b>Ph.D.</b>	10	04	09	09	32
<b>M.Phil.</b>	05	04	05	03	17
<b>PG</b>	-	-	01	02	03
<b>Temporary teachers</b>					
<b>Ph.D.</b>	-	-	03	03	06
<b>M.Phil.</b>	-	-	01	10	11
<b>PG</b>	-	-	14	46	60

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

06
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23. Furnish the number of the students admitted to the college during the last four academic years.

Catego- ries	2012-13		2013-14		2014-15		2015-16	
	M	F	M	F	M	F	M	F
SC/ST	215	64	285	75	290	93	293	118
OBC	406	243	454	237	460	232	436	231
General	1702	1211	1452	1008	1473	921	1202	932
Others	03	04	205	76	240	81	351	130
Total	2326	1522	2396	1396	2463	1324	2282	1411

\*M-Male \*F-Female

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	Total
Students from the same state where the college is located	<b>3082</b>	<b>325</b>	-
Students from other states of India	<b>65</b>	<b>15</b>	-
NRI students	-	-	-
Foreign students	-	-	-
Total	<b>3147</b>	<b>340</b>	<b>3487</b>

25. Dropout rate in UG and PG (average of the last two batches)

UG **15%**

PG **04%**

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled )

(a) including the salary component

**Rs. 26934.75**

(b) excluding the salary component

**Rs. 9671.50**

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes

No

28. Provide Teacher-student ratio for each of the programme/course offered

**129 : 3487 = 1 : 27.03**

29. Is the college applying for Accreditation:

Cycle 1

Cycle 2

Cycle 3

Cycle 4

Re-Assessment:

30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: **23/02/2004**                      Accreditation Outcome/Result : **A Grade**

Cycle 2: .....                      Accreditation Outcome/Result

Cycle 3: .....                      Accreditation Outcome/Result

***Copy of accreditation certificate(s) and peer team report(s) enclosed.***

31. Number of working days during the last academic year.

<b>272</b>
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32. Number of teaching days during the last academic year

*(Teaching days means days on which lectures were engaged excluding the examination days)*

<b>190</b>
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33. Date of establishment of Internal Quality Assurance Cell (IQAC)

**IQAC : 10/07/2005**

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) **08/07/2013**

AQAR (ii) **16/08/2014**

AQAR (iii) **15/09/2015**

AQAR (iv) **16/09/2016**

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

**1. The college has started five year integrated M.Sc. in Forensic Science from the academic session (2015-16) under innovative programme of UGC.**

**2. The college received FIST grant from Department of Science Technology, Government of India.**



## CRITERION I

### CURRICULAR ASPECTS

#### **1.1 Curriculum Planning and Implementation**

##### **1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.**

The college owes its origin to the vision of the far-sighted, philanthropist, visionary, Sardar Dyal Singh Majithia, who, along with other illustrious trustees, ordained the mission, goals and objectives of the college which are as follow:

##### **Vision**

Excellence is a journey, not an end ...

##### **Motto/Mission**

The mission statement of the institute is provided by one of the great founding leaders of modern India, Sh. Keshab Chandra Sen :

***‘Gather Ye the Wisdom of the East and the West’.***

Our Mission, therefore, focuses on the holistic approach to knowledge – a blend of the scientific as well as the spiritual wisdom.

##### **Objectives**

- To create top quality human resources by developing the innate talent of our students.
- To provide holistic development of personality, and improve the overall academic performance of the students.
- To inculcate the spirit of secularism, nationalism, communal harmony and rationalism as a value system.
- To motivate youth to render service to the society at large.
- To develop the employable skills and to promote leadership qualities among the students.
- To provide a healthy physical, mental and emotional environment to the students to help them to grow into perfect human beings.

The mission, vision, goals and objectives ordained by the founders of the college are explicitly mentioned in the college prospectus and the college magazine ‘Harmony’ every year. Flex-boards displaying these goals and objectives are fixed at various places in the college where the students and teachers may read them easily.

Moreover, emphasis is laid on these objectives while adopting teaching modes and methods in the class-rooms. All the teachers earnestly try to synthesize the academic curricula with the ultimate mission of the college. Various subject societies and associations try to develop inherent talents in the students through competitions like declamation contests, debates, poetical recitations, essay-writing competitions, quiz etc. The students are

encouraged to participate in inter-college competitions and youth festivals organized by the Youth Welfare Department of Kurukshetra University, Kurukshetra. N.S.S., N.C.C., Placement Cell, Red Ribbon Society, Red Cross Society, Legal Literacy Cell, Women Development Centre, Fine Arts Club etc. sensitize the students about the need of gender equality, caste and social equality. N.S.S. and N.C.C., through their camps and programmes develop a sense of cooperation, team work and confidence in the students. The mission and goals of the college are given due consideration/ attention during the admission of the students as the college ensures equal opportunities for the students of all castes, creeds and classes at the time of admission and during their stay in the college. The admission to various courses is given as per the guidelines provided by Kurukshetra University, Kurukshetra and strictly on merit.

During the camps of N.S.S. and N.C.C., efforts are made to inculcate in the students a deep sense of responsibility towards the society and the nation. The students are motivated to learn the qualities like team work, mutual co-operation, selfless service, honest leadership, confidence to take initiatives etc. Moreover, the project works undertaken by the groups of students inculcate a sense of team work.

All the teachers make sure that they not only stuff the young brains with ideas but develop thinking and analytical ability which should eventually help them to become good citizens. Emphasis is laid on the development of communication skills through interaction in the class-room to enhance their employable skills. Personal attention is provided to the students to improve their performance in academics and co-curricular activities.

**1.1.2. How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).**

The following strategies are adopted to implement effectively the curriculum:

**Development of Action Plan**

All probable means are adopted to implement effectively the curriculum. Efforts are made to formulate time-table that is comfortable for all the students, those who live in the town as well as the ones who commute daily from the nearby villages and towns. Along with the class-room teaching and discussion, the students are required to submit assignments and projects relevant to their subjects. House tests and class tests are held as per the university schedule to assess the academic performance of the students.

**Distribution of Syllabus and Work Load**

Departmental meetings are held from time to time to apprise the teachers of the coverage of the syllabi and to discuss the problems if any. Every month the Principal of the college holds a meeting with the heads of the various departments to discuss the various plans and suggestions for horizontal implementation of the curriculum. Suggestions are also given to

make the implementation of the curriculum compatible with the college goals and objectives. The requirements, if any, are brought forward and proposals are made for further academic improvement of the students and the Principal apprises the college management of these suggestions and developments.

**Deployment of Action-Plan**

The following steps are taken for the successful implementation of curriculum:

- It is made sure that all the teachers complete their syllabi well in time.
- Along with the class-room teaching and discussion, the students are required to submit assignments and projects related to their subjects for the successful implementation of the action plan for the curriculum.
- The college provides well-equipped laboratories with the latest equipments and apparatus. The equipments are updated from time to time.
- The college boasts of a well-equipped library providing both text books as well as reference books to the students which help them to add to their knowledge regarding their curriculum. For post-graduate students, there is a reading room with an open shelf system. There are separate reading rooms for boys and girls. The library provides internet access to the students.
- The college library subscribes to e-books and e-journals and the teachers inspire the students to access them for enhancing their knowledge.
- Besides, every department has an appreciable collection of books for ready reference for the teachers as well as the students.
- For compulsory as well as elective computer education, the college has state-of-the-art laboratories with as many as 285 computers which are sufficient to cater to the need of all the students of the college.
- To further enhance the knowledge and learning of the students, eminent scholars are invited from various institutions for extension lectures.
- For deeper understanding of the curriculum, the college organizes different seminars, workshops, exhibitions etc. of state, national and international levels.
- Audio-visual aids are used in classes from time to time.

**The college organized a large number of seminars/conferences and workshops as given below:**

S. N.	Year	Subject	Topic	Status
1.	2007	Political Science and History	End of History : Myth or Reality	National
2.	2008	Biotechnology, Botany and Zoology	Role of Biotechnology in Environmental Management	National

3.	2009	Higher Education	The Changing Scene of Higher Education and the Role of Teacher	State
4.	2010	Political Science and History	An Ideological Evolution of Bhagat Singh	National
5.	2010	Commerce	Emerging Issues in Commerce and Management	National
6.	2010	Political Science	Democracy, Federalism and Peace	International
7.	2010	Sanskrit	Avashyamev bhoktavyam kritam karam shubha shubham	National
8.	2011	Political Science and History	Promotion of Ethics and Human Values	National
9.	2011	English	Commitment in Post-colonial Literature and Theory	National
10.	2011	Hindi	हिन्दी साहित्य का इतिहास : मूल्यांकन और पुनर्लेखन	National
11.	2012	Zoology, Botany & Biotechnology	Study of Biodiversity in Today's Perspective	National
12.	2012	Physics	Recent Advances in Material Science	National
13.	2012	Political Science	Politics of Lokpal	National
14.	2012	Political Science	Workshop on Review of Research Methods in Political Science	National
15.	2012	Political Science	Workshop on Use of Quantitative Methods in Political Science	National
16.	2014	English	Historical Novel from Khushwant Singh to Amitav Ghosh	National
17.	2016	Political Science	Understanding Bharat Ratna Dr. B.R. Ambedkar	National
18.	2017	Hindi	विश्व पटल पर हिन्दी : विस्तार एवं संभावनाएं	International

- All the subject societies and the Departments organize educational tours and trips during every session for the practical understanding of the curriculum.

**For example**

- Plant collection trip by Botany Department.
- Parliament- in-Session visit and Vidhan Sabha visit by Political Science Department.

- Visit to Zoo / National Park, Fish Farm for the students of Zoology.
- Visit to Bhola Khalsa, District Karnal the Excavation site of Archeological Survey of India, for the students of History.
- Visit to institutes like National Dairy Research Institute, (NDRI) Karnal, National Bureau of Animal Genetics Resources, (NBAGR) Karnal, Indian Institute of Wheat and Barley Research (IIWBR) Karnal, Central Soil Salinity Research Institute (CSSRI), Karnal for the students of Genetics and Biotechnology.
- Trips to commercial places like Malls, Amusement Parks and other Corporate Offices to understand their mode of working for Commerce students.
- Curriculum related seminars and quiz are organized from time to time by various departments.

**1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?**

The University makes it compulsory for the teachers to attend Orientation and Refresher Courses with the chief purpose of improving teaching practices and keeping the teachers abreast of the latest developments in their respective subjects. The institution grants duty leave to the teachers for attending the above mentioned courses as well as for further research in various subjects. The teachers are encouraged to participate in workshops related to curriculum development and appraisal of latest advancements in their subjects.

**1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating University or other statutory agency.**

The college has an excellent infrastructure with an ideal blend of the traditional building and modern facilities. The college provides a supportive and conducive atmosphere, spacious class rooms, good library facilities, adequately equipped laboratories, botanical garden etc. The college campus is Wi-Fi connected and internet facility is available to the teachers and students so that they may have an access to the latest sources of information to supplement class-room teaching. Teachers as well as students utilize these amenities to update their knowledge. For an adequate implementation of the curriculum, the college provides proper reading material to the students along with the prescribed text and reference books and competition books.

The college authorities are very meticulous regarding the recruitments; only highly qualified teachers and non-teaching staff are appointed. To ensure an effective delivery of the curriculum, a healthy teacher-taught ratio is maintained. Apart from class-room teaching, the students benefit from the seminars, extension lectures, know-your-syllabus quizzes, field trips, tutorial classes etc. organized by the college from time to time.

**1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?**

The placement cell of the college keeps up interaction with various national and multi-national companies, corporate houses, firms and companies which are invited every year for placement of the students in technical and non-technical jobs. Companies like IBM, HCL, Wipro, TCS, Tech-mahindra, Infosys etc. visit the college for providing placement to the students.

Though in most of the under graduate and post graduate classes, the curriculum is more or less theory-oriented, the teachers make sure that the students develop their employable abilities like communication skills through interaction and spontaneous discussions in the class-rooms. An association is maintained with institutions at Karnal like NDRI (National Dairy Research Institute), NBAGR (National Bureau of Animal Genetic Resources), IIWBR (Indian Institute of Wheat and Barley Research) etc. for practical research-based projects.

**1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.**

Although the authority to frame curriculum lies with Kurukshetra University, Kurukshetra and the college has no direct role in the development of the curriculum, yet the college contributes in such matters through our faculty members on both the under-graduate and post-graduate Boards of Studies. For example Sh. Raj Pal Singh, Dr. Sanjeev Sharma, Dr. Kushal Pal and Ms. Sarita Ganotra are presently member of Under Graduate Board of Studies. Dr. Krishan Lal Gosain, Dr. Chander Kanta, Dr. Basant Kumar, Ms. Manishaa Sharma, Dr. Chander Shekhar, Sh. Sanjay Sharma, Dr. Ramesh Chander, Dr. Rajinder Kumar, Sh. Sushil Goel and Sh. S.L. Arora were members of U.G. Board of Studies in various sessions during the last five years. Dr. Chander Shekhar, Sh. Sanjay Sharma, Dr. Rajinder Kumar and Sh. Rajpal Singh have been members of the University Academic Council where the curriculum is finally approved of. Dr. Chander Shekhar was member of University Court and presently Dr. Sarika Choudhary is member of University Court where all the decisions of the university administration are approved. Dr. Chander Shekhar was also invited by DHE as a member of committee to review the syllabi of various courses in April 2013.

On the basis of the observations of the teachers and the feed-back of the students, suggestions are made from time to time to the University departments through paper presentations and discussions in seminars and

workshops pertaining to these specific subjects.

Dr. Rakesh Bhardwaj, Ms. Manishaa Sharma, Dr. Chander Shekhar, Dr. Rajinder Kumar, Sh. Sushil Goel, Sh. S.L. Arora, Dr. S.P. Bhatti, Dr. Ritu Sharma and Dr. Ravi Kumar have attended workshops at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh regarding preparation of EDUSAT lectures and training 'how to face camera for recording of the lectures'. Eight teachers of our college have attended the 'Content Development Workshop' organized by Director Higher Education, Haryana (DHE). Dr. Sarika Choudhary, Assistant Professor in Economics attended workshop on curriculum.

Many of our alumni occupy prominent positions in various spheres. They provide us feed back about market trends which is used to enhance the efficacy of the teaching-learning process.

**1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If yes, give details on the process (Needs Assessment, design, development and planning) and the courses for which the curriculum has been developed.**

The college has introduced career-oriented certificate courses in

- a) Bioinformatics
- b) Web Programming (Web Designing)
- c) Computational Physics

The curriculum of these courses has been developed by the college and have been got approved from the University.

**1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

To ensure that the stated objectives of the curriculum are achieved, the following measures are adopted:

- Class-tests and house-exams are conducted in all the subjects. The performance of the students is discussed in the classes and the guidelines are provided for further improvement. The over-all results are discussed in the governing body meetings and also in the IQAC meetings. It is for the realization of the chief objective of enabling the students to attain the degree with commendable results.
- The students are required to submit the assignments as per university rules.
- The attendance of the students as well as the discipline in the college is ensured for the achievement of the objective of the curriculum.

## 1.2 Academic Flexibility

### 1.2.1 **Specifying the goals and objectives give details of the certificate/ diploma/ skill development course etc offered by the institution.**

The institute has offered three career-oriented/add-on courses sponsored by UGC and one compulsory skill development course in Basic Computer Education.

#### (a) **Bioinformatics**

The goal of Bioinformatics is to unearth the affluence of biological information concealed in the accumulation of sequence, structure, literature and other biological data and obtain a clearer insight into the fundamental biology of organisms and to use this information to enhance the standard of life for mankind.

The objective of this course is to make students recognize how Bioinformatics helps to view biology in a new light of computer programming and to add Bioinformatics to their intellectual tool box with the aim to explore Bioinformatics as a career option for them.

#### (b) **Software Internet and Web Programming (Web Designing)**

Today is the era of information technology. Every organization or trade wants to present itself in the society through website. The basic goal of web designing is to create and present an effective of the requirements of both the organization or trade and people through web.

The objective of this course is to make students aware of the importance of the web as a medium of communication and also of the principles of creating an effective web page and graphic design principles that relate to web designing and to develop skills in analyzing the usability of a web site. The aim of the course is to develop the skills and project-based experience needed for access into web designing and development careers.

#### (c) **Computational Physics**

The goal of Computational Physics is to improve the understanding of physical processes. Both experimental and theoretical Physics are deficient without the option to compute. The techniques of modelling and simulation that are applicable to Physics have applications in many other scientific and technological fields, e.g. Chemistry, Biology, Environment, the engineering sectors. And even in financing laws the computational techniques of statistical Physics are applied.

The fundamental objective of the course in Computational Physics is to train the students in methods of modelling and simulation of phenomena and processes. This can help in the students to develop a potential of successfully claiming employment in variety of professions in the areas of modern technology.

#### (d) **Basic Computer Education**

Apart from above career-oriented/add-on courses every student of the college has to study Basic Computer Education as a compulsory subject. The objective of this subject is to generate the computer skills in every student which can help them in obtaining employment where computer skills are preferred / required.



To cater the need of the market/industry, the add-on courses provide knowledge other than prescribed in the university syllabi.

**1.2.2 Does the institution offer programmes that facilitate twinning/ dual degree? If 'yes', give details.**

Yes, the college offers the career oriented courses like Bioinformatics, Software Internet and Web Programming (Web Designing), Computational Physics to give certificate and diploma along with the degree the students are pursuing.

**1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability.**

- **Range of Core/Elective options offered by the University and those opted by the college**
- **Choice Based Credit System and range of subject options**
- **Courses offered in modular form**
- **Credit transfer and accumulation facility**
- **Lateral and vertical mobility within and across programs and courses**
- **Enrichment courses**

There is a range of core and optional subjects offered by the college.

1. B.A. Three Year Programme

( A ) Core Options

- English
- Hindi / Punjabi / Sanskrit ( Any one )

( B ) Elective options

- Punjabi
- Sanskrit
- History
- Political Science
- Economics
- Geography
- Mathematics

2. B.A.(Hons.) Three Year Programme

- B.A. (Hons.) English
- B.A. (Hons.) Economics

3. B.Sc. Three Year Programme

- B.Sc Non-medical
- B.Sc Medical
- B.Sc Genetics
- B.Sc Biotechnology
- B.Sc Computer Science
- B.Sc Electronics

4. B.Com. Three Year Programme
  - B.Com. General
  - B.Com. Taxation Procedure and Practice
5. B.Com. Honours Three Year Programme
6. B.C.A. Three Year Programme
7. M.A. / M.Sc. / M.Com. Two year Programme
  - M.A. English
  - M.A. Hindi
  - M.A. Political Science
  - M.A. Economics
  - M.Sc. Chemistry
  - M.Com.
8. M.Sc. Forensic Science (Five Year Integrated Course)

**The college offers M.Sc. Forensic Science, Five Year Integrated Course sponsored by University Grants Commission under Innovative Programme. In Haryana, our college is the only one to offer this integrated course in Forensic Science.**

After the admission in the first semester of the courses of their choice, the students can change their subjects within fifteen days. Basic Computer Education is compulsory for all under-graduate students so as to enrich the students in computer application skills.

- There is no provision for any choice-based credit system.
- No courses are offered in modular form.
- No credit transfer or accumulation facility is available.
- No lateral or vertical mobility within and across programme and courses is being offered by the university but in M.Sc. Forensic Science the students have the flexibility of lateral mobility after three years.

**1.2.4 Does the institution offer self-financed programs? If ‘yes’ list them and indicate how they differ from other programs, with reference to admission, curriculum, fee structure, teacher, qualification, salary etc.**

Yes, the institution offers following self-financed programs:

- (a) B.Com. Honours
- (b) B.Com. (Tax Procedure and Practice) [Vocational]
- (c) B.Sc. (Non-Medical)
- (d) B.Sc. with Electronics [Restructured Course]
- (e) B.C.A.
- (f) M.Sc. (Chemistry)
- (g) M.Com.
- (h) M.A. (Economics)

**Admission**

Admission to these courses is as per university norms and on merit basis. The students are required to submit their application forms by the due date and then the merit list of the applicants is prepared and according to that merit list admission is given to the aspirant candidates.

### **Curriculum**

University scheme and curriculum is followed strictly for these self-financed courses. The curriculum for these courses is no different from the curriculum of the courses under government aid.

### **Fee Structure**

The fees of self-financed courses are as per the university guidelines. The university gives the details of the fee and funds to be charged from the students and the students are required to submit their dues accordingly.

### **Teacher's Qualification**

The teachers are appointed for these self-financed courses as per UGC / University / Haryana Government guidelines.

### **Salary**

Salary for the teachers of the self financed courses is as per rules.

#### **1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment market? If 'yes' provide details of such programs and the beneficiaries.**

Yes, the college provides additional skills through career oriented programmes.

- Bioinformatics
- Software Internet and Web Programming (Web Designing)
- Computational Physics
- Functional English (sanctioned by UGC but grant yet to be received).

#### **1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the course/combination of their choice? If 'yes' how does the institution take advantage of such provisions for the benefit of students?**

The university does not provide such facility or flexibility of combining the conventional face-to-face and distance mode of education. However, for the students enrolled with distance education of Kurukshetra University, Kurukshetra the contact programmes are organized in the college campus.

### **1.3 Curriculum Enrichment**

#### **1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?**

To supplement the University's Curriculum with the purpose of integrating the academic programmes with the institution's goals and objectives, the following measures are adopted by the institution:

- Eminent resource persons are invited for extension lectures for the syllabi as well as for boosting the qualities of good citizens among the students.

- Seminars, workshops, quiz and other contests, science exhibitions are organized by various departments which give the students an exposure to the experiences and learning of the great scholars. These activities develop analytical ability as well as confidence in the students.
- The college also organizes educational trips with the aim of teaching beyond the class-room and to provide the students more than the theoretical knowledge. These activities are meant to synthesise the empirical learning with the theoretical knowledge. Every year, almost every department and society organizes such an excursion. There is a separate Tour and Trips Committee in the college which takes care of the organization of these trips.

**1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?**

The college, being affiliated to Kurukshetra University, Kurukshetra, has no autonomous authority to design, modify or change the syllabi. The authority lies only with the university.

- However, the college contributes in such matters through our faculty members on both the undergraduate and post-graduate Boards of Studies that have the authority to revise the syllabi, as per the market trends and major competition exams.
- Moreover, suggestions by the teachers for revisions in the curriculum and evaluation systems are made through paper-presentations and discussions in seminars and workshops held on these specific subjects.

For example

- In 2010, the Finance Commissioner of Haryana framed a committee for restructuring the courses in science subjects with the purpose of bringing uniformity in the syllabi. Dr. Chander Shekhar, Zoology Department, was nominated the convener of the committee for Zoology courses. Dr. Rakesh Kumar Bhardwaj and Dr.V. K. Goyal were the members of the committees for the courses in Chemistry and Botany respectively.
- The teachers in all the classes take the feedback from students from time to time about the curriculum and its applicability in the employment market. Such feedback is also provided by many of the college alumni who occupy high positions in various spheres. Suggestions based on such interactions are conveyed to the members of the concerned boards of studies.
- The institution keeps in touch with certain national and multi-national corporations which are also invited for placement of the students for technical and non-technical jobs. The students are prepared for such positions through encouragement of the development of communication skills, training in group discussions and personal interviews etc.

**1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?**

- The college seriously puts into practice the policies of the university to teach environmental issues and computer education. Environmental Studies and Computer Basics are taught and exams are conducted as per the University rules.
- The topics regarding gender equality, environment conservation, human rights etc. incorporated into the syllabi of various subjects in different courses are exhaustively and analytically dealt with in the class-rooms.
- For the conservation of flora and fauna, the Botany and Zoology departments work actively. A Botanical Garden is maintained in the college campus. Van-Mahotsav Day is observed every year and trees are planted in the college premises.
- The Environment Club and Biology Association of the college organize an environment-related 'State Level Inter-College Dewan Anand Kumar Memorial Quiz' every year which sensitizes the students about the need of the conservation of environment.
- Women Development Centre and Fine Arts Club organize Debates, Declamation Contests, Poetical Recitations, Poster-Making and Slogan-Writing Competitions, Rangoli and Power Point Presentation Competitions with the purpose of awakening the students to the demand of the hour to empower women.
- Legal Literacy Cell and Red-Ribbon Club too make students aware of their rights and duties by organizing extension lectures, essay-writing competitions, quiz and debates on relevant topics.

**1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

- **moral and ethical values**
- **employable and life skills**
- **better career options**
- **community orientation**

**Moral and Ethical Values**

Moral and ethical values are inculcated in the students through various programmes conducted by college units of NSS, NCC, Women Development Centre, Blood Donors' Club, Red Ribbon and Red Cross Society, Fine Arts Club, Legal Literacy Cell and Environment Club.

**Employable and Life Skills**

The college has introduced many courses like B.Com. Honours, vocational courses like Taxation Procedure and Practice in B.Com and professional courses like BCA. The college has introduced five year integrated M.Sc. course in Forensic Science from the session 2015-16 under innovative programme of the UGC.

### **Better career options**

To ensure that the students' career options are enhanced, the college Placement Cell invites various companies such as Infosys, IBM, Wipro, Tech-Mahindra etc. for recruitment of students for technical and non-technical posts. The students are also guided and encouraged to participate in job fairs organized by various institutes. The students are also informed about walk-in interviews in different companies.

The college organizes lectures on career-oriented subjects. The college library contains a number of books for helping the students to prepare for competitive exams and interviews. The Commerce Association organizes Ad-Mad Show every year in which the students devise and present advertisements prepared by them.

### **Community Orientation**

NSS units, Legal Literacy Cell and Women Development Centre of the college hold activities like adult education, gender equality awareness and health awareness etc. For example, the volunteers of NSS participate in National Pulse Polio Programme and Adult Literacy, Swacch Bharat, Beti Bachao Beti Pado, various cleanliness programmes.

#### **1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?**

Although there is no formal system of getting feedback, the teachers get such feedback in the classroom from the students. There is a suggestion box in the college which invites feedback regarding all college matters including curriculum. This feedback is conveyed to curriculum framing authorities through the members of the Board of Studies. Many of our alumni, who occupy high positions, also provide us feedback regarding market trends and their experiences during their stay in the college which provides opportunity for us to improve.

#### **1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?**

The institute monitors and evaluates the quality of its enrichment programmes through meetings of programme officers, eminent social workers and student representatives. The citizens of Karnal have from time to time expressed appreciation of the work that is done by the students of the college e.g. the panchayat of village Uchana (the village adopted by the NSS units of our college) gives an informal appraisal of the work done by N.S.S volunteers during their seven day annual camp in this adopted village. Through intra and inter college competitions the enrichment of the students is assessed and suggestions are given as to how to raise the standard.

## **1.4 Feedback System**

### **1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

As already mentioned, the authority to frame and design the syllabus lies with the university, the college contributes only through the suggestions made through the members of the Boards of Studies, who get these suggestions incorporated in the syllabi. However, for the proper implementation of the syllabi and use of innovative methods the meetings are held at the level of the Principal and staff. The syllabi of career oriented programmes are framed at the college level and are then got approved by the university.

### **1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?**

As already stated, there is no formal mechanism devised by the institution to obtain feedback from the students and stakeholders on curriculum. However, suggestions made by the students informally are discussed by the faculty members in departmental meetings and conveyed to the members of the Board of Studies.

### **1.4.3 How many new programs/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/ programs?**

The institution introduced following courses during last four years.

- Session 2016-17
  1. B.Com. Honours
- Session 2015-16
  1. M.Sc. Forensic Science (Five Years Integrated Course)
- Session 2012-13
  1. M. A. (Economics)
  2. B.Sc. (Non-Medical) – Self-Financed

The rationale for introducing these courses was to provide an opportunity to the students of nearby regions to pursue their higher studies in different streams like Commerce and Economics along with a chance to improve their ability in Computational Physics which could develop career-oriented skills in them. M.Sc. Forensic Science has been introduced as a five years integrated course under innovative programme of UGC. It is the first ever 5 year integrated programme in any of the govt. aided institution/ University in Haryana. The course has a great employment scope and it will produce better trained human resource for modern forensic science requirements.

## **CRITERION II**

### **TEACHING-LEARNING AND EVALUATION**

#### **2.1 Student Enrolment and Profile**

##### **2.1.1 How does the college ensure publicity and transparency in the admission process?**

The guidelines and procedure prescribed by Kurukshetra University, Kurukshetra related to admission are followed. Such procedures are transparent and well advertised through

- Local newspapers and local news channels
- The Alumni
- College Website
- Notice boards
- Face to face interaction with the students seeking admission

Movable notice-boards are kept at the entrances of the college to guide and communicate admission procedures to the applicants. During the admissions, eight to ten senior teachers of various departments provide proper guidance and answer the queries of admission seekers. They help them and give details of a particular course or subjects to be offered.

Every child has an equal right to education regardless of his/ her background. The number of applications received by college office far exceeds the number of available seats in various courses. To maintain complete transparency in the admission process, the applications for each class are arranged percentage-wise and the merit list is prepared after giving due weightage marks to the students. List of SC, BC, other reserve categories and general category are prepared separately.

Transparency is maintained by using the following methods:

- Applications are received by the college office and the application forms are given serial number class-wise and each form received is entered in the software for each class separately giving proper acknowledgement receipt to the applicants.
- Admission committees sort out the applications. After sorting out the applications, the names of the selected candidates are notified on the main notice-board, in the room allotted for admission to a given class and also on the college website, in the form of cut-off lists showing their percent marks and reservation categories.
- The faculty from all the departments is involved in the various admission committees.
- All enquiries related to the admission list displayed are answered by the respective admission committee consisting of four to seven teachers.



- Fee structure is given clearly in the college prospectus, on the college website and also provided to each admission committee.
- Fee challans are given to the admission seekers at the college counter.
- Fee is deposited in the Dyal Singh College branch of State Bank of Patiala, Karnal.
- Fee receipts are given immediately after the payment of the fees.
- For the left-over seats of some of the courses, the information is given through the notices on the notice boards and on the college website.

**2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.**

The students are admitted strictly on the basis of merit. The guidelines prescribed by K.U. Kurukshetra for admission procedure are followed. Such procedures are transparent and are given in the college prospectus. Applications are received by the college office, duly entered in the software and/or a register for each class separately. The application forms are given serial numbers class-wise after entry. After sorting out the applications, merit list is prepared and names of the selected candidates are notified on the main notice-board, in the room allotted for admission to a given class and on the college website. Teachers from various departments are involved in each admission committee. All enquiries related to the admission merit list displayed are answered by the admission committee. In case of any doubt, the case is referred to the eligibility committee consisting of three/four senior teachers. Doubts are also cleared through telephonic enquiries from the University.

**2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

Sr. No.	Programme	Maximum %	Minimum %
1	B.A.	76.00	68.80
2	B.A. Hons. (Eco.)	74.60	55.00
3	B.A. Hons. (Eng.)	76.60	56.40
4	B.Com.	106.00	90.40
5	B.Com. (Tax.)	100.00	80.80
6	B.Com. (Hons.)	106.20	97.00
7	B.Sc. (N.M.)	102.00	78.80
8	B.Sc. (N.M.) SF	87.40	48.80
9	B.Sc. (Bio-Tech.)	97.00	74.80
10	B.Sc. (Comp. Sc.)	83.60	77.00
11	B.Sc. (Electronics)	78.00	35.00

12	B.Sc. (Gentetics)	96.60	74.60
13	B.Sc. (Medical)	100.20	78.80
14	B.C.A.	71.00	50.00
15	M.A. (English)	70.90	48.40
16	M.A. (Hindi)	61.60	44.00
17	M.A. (Pol. Sc.)	59.10	45.00
18	M.A. (Economics)	71.80	48.90
19	M.Com.	85.80	68.60
20	M.Sc. (Chemistry)	98.20	74.60
21	M.Sc. (F.Sc.)	91.60	71.20

(Data is of the session 2016-17)

(The maximum percentage is inclusive of the weightage given as per the university rules.)

- In comparison to the other colleges of the district, our college merit percentage is higher for various programmes.

**2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?**

Yes, the college adopts a mechanism to review the admission process and student profiles annually. The Advisory Council reviews the admission done and students’ profile during a particular year and makes strategy for the next academic session and gives suggestions for further changes and improvements in the admission process. These admission related suggestions are discussed threadbare in the meetings of the Advisory Council, IQAC and Governing Body, so as to bring about the necessary changes in the admission process e.g. upgradation of admission software and reterival of the data for the use in various college activities like section formation, submission of university returns and examination form details, distribution of the fee slips in the class rooms only so that the students do not have to stand in the queues, submission of scholarship forms for SC/BC candidates online etc.

**The main functions of the Advisory Council are:-**

- To draw perspective plan for integrated development of the college.
- To prepare yearly calendar of academics, sports, cultural and extension activities.
- To give advice about the introduction of new courses and enhancement of seats in the existing courses.
- To suggest guidelines/efforts for the all round development of the students.
- To suggest measures for the proper utilization of grants and efficient implementation of UGC projects.
- To keep in touch with the students and suggest measures to redress their grievances.

- To design in-house mechanism to improve the general functioning of the college.

**All these exercises undertaken to improve the admission process have**

- Increased the credibility of the institution in maintaining transparency during the admission process.
- Helped in improving discipline in the college campus.
- Improved the cut-off percentage of marks for various classes.
- Made the meritorious students consider this college as their first preference in the town for their studies.

**2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion SC/ST, OBC, Women, differently-abled persons, economically-weaker sections, minority community, any other.**

- Before the actual admission takes place the staff council meets to discuss the important issues related to the admission. The suggestions help to improve the system, and make transparency.
- The college follows all the norms regarding reservation policies set up by Kurukshetra University and State Government from time to time. A criterion for admission is predetermined by Kurukshetra University, Kurukshetra and we strictly follow this criterion in toto. As per the directive of the University, date of sale of application forms is notified in newspapers and also displayed on the notice boards of the college and on the college website. The prospectus is made available to reserve categories at concessional rates. Application forms can be bought from the office and on the spot enquiries are attended to by the administrative staff and associate/ assistant professors who remain available in the college for the counseling of the students during the admission process. Following is the criteria for admission of students for the courses offered by us as per the university directive for reservation policy.

(A) All India category including Haryana 15%

(B) Bonafide residents of Haryana 85%

(60% of the seats earmarked for bonafide residents of Haryana are reserved for the categories as mentioned below, as per State Govt. policy and remaining 40% seats are filled from among Haryana General Category)

Reservation of seats for Bonafide Residents of Haryana

(i) Scheduled Castes : 20%

(ii) Backward Classes of Haryana : 27%

(16 % for Block-A) [except socially advanced persons/  
(11 % for Block-B) sections (creamy layer)]

(iii) Economically Backward Persons in the General Castes  
Category : 10%

(iv) Differently Abled : 03%  
 [If the seats reserved for this category (1% Blind or low vision, 1% Hearing impairment, differently abled persons 1% Locomotor disability or cerebral palsy) remain vacant due to non-availability of suitable differently abled candidates, it may be offered to Ex-servicemen and their wards (1%) and dependents of Freedom Fighters (1%)].

(v) Further 3% horizontal reservation is also provided to Ex-servicemen/Freedom Fighters and their dependents by providing reservation within reservation of 1% of General category, 1% out of Scheduled Castes and 1% from Backward Classes category for admissions to the various educational institutions of the Govt. and Govt. aided institutes located in Haryana. As far as block allocation in Block A and Block B of Backward Classes category is concerned, year wise rotational system is adopted. For example, if Block A of Backward Classes are given seats in the Academic Year 2015, the next Block i.e. B Block of category of Backward Classes will be given seats in the next academic year i.e. 2016 and so on. The concerned Chairperson/ Director of the Department/ Institute shall have to maintain a roster register for horizontal reservation of Ex-servicemen/ Freedom Fighter and their dependents and carry forward all fractions till one seat is accumulated through different fractions over the year. As and when the total comes to one, a seat will be provided to the concerned category.

- Almost 45 percent of our students have rural background where higher education tradition is yet to take firm roots. Most of these are first generation college-enterants with little proficiency in any other language except the vernacular. Teachers help these students by explaining the subject in Hindi whenever and wherever necessary. However, a committee of a few teachers is formed to see to it that the reserved category candidates are provided all the benefits stipulated by the University/ Government.

#### Student Profile of the last four academic years

Catego- ries	2012-13		2013-14		2014-15		2015-16	
	M	F	M	F	M	F	M	F
SC/ST	215	64	285	75	290	93	293	118
OBC	406	243	454	237	460	232	436	231
General	1702	1211	1452	1008	1473	921	1202	932
Others	03	04	205	76	240	81	351	130
Total	2326	1522	2396	1396	2463	1324	2282	1411

### **SC/ST**

Besides reservation of 20% in the admission to various classes, these students are given scholarships by the Haryana government. These students are given books from the Book Bank. Special coaching classes (Remedial classes sponsored by UGC, Delhi) are arranged for such students. The attendance of these students is ensured in the classes.

### **OBC**

Besides reservation of 27% in the admission to various classes, the students in non creamy layer are given scholarships. Special coaching classes (Remedial classes sponsored by UGC, Delhi) are arranged for such students, provided that they belong to economically backward class.

### **Women**

- As per the policy of the Haryana Government no tuition fee is charged from the girl students at under graduate level.
- In science and commerce streams the number of female students is more than male students.
- The college has a spacious girls common room, a separate entry to the college and parking of vehicles for the girls.

### **Differently-Abled**

- Differently-abled persons are given all facilities according to their needs as well as their rights.
- The Incharge of Red-Cross Society or some other teacher is given the duty to help such student(s).
- The college has ramps to the main buildings to help differently abled students.
- Revision lectures are arranged before the semester examination.
- Handouts/problem solving books are supplied to such students.
- There is provision in University examination rules to allot extra time to handicap students or to allow 'Writer' during examination, on producing medical certificate issued by CMO. Special seating arrangement is made for such students during the examination.
- The college accommodates the classes of differently-abled students on the ground floor. The needs of physically challenged are further taken care of by the supporting staff.
- During the examinations, extra care is paid to them by providing them seats on the ground floor and every kind of assistance they need.
- The attendance of these students is ensured in the class. They are told clearly that their freship and any other benefits to them will continue only if their attendance is minimum 75% of the total attendance.

### **Economically Weaker Sections**

- The disadvantaged students are given books from the Book Bank.
- Special coaching classes are arranged for such students.
- Tuition fee is waived off for the needy and deserving students.
- Freshships from Red-Cross fund/other funds are given to such students.
- The attendance of these students is ensured in the class.

### **Minority Community**

- It is taken care that there should be no discrimination against any minority community at the time of admission and during the session. All students are provided equal opportunities.

### **Any other**

- There is reservation of seats for sports students as per university rules.
- Sports students are given the benefit on producing the required certificate. This certificate, after the recommendations of the Sports Incharge, is forwarded to the admission committee.
- Tuition fee is waived off, books from the Book-Bank and freshships from college funds are given to the students who excel in sports.

**2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e reasons for increase/ decrease and actions initiated for improvement.**

Programme	No. of Applications				No. of Students Admitted				Demand Ratio			
	2013-14	2014-15	2015-16	2016-17	2013-14	2014-15	2015-16	2016-17	2013-14	2014-15	2015-16	2016-17
<b>B.A. (Gen.)</b>	874	962	1121	1314	342	412	403	402	2.5	2.3	2.8	3.3
<b>B.A. Hons. (Eco.)</b>	37	40	33	53	23	27	22	33	1.6	1.5	1.5	1.6
<b>B.A. Hons. (Eng.)</b>	48	55	84	105	21	32	36	34	2.3	1.7	2.3	3.1
<b>B.Com. (Gen.)</b>	839	861	788	747	170	158	188	177	4.9	5.5	4.2	4.2
<b>B.Com. (Tax.)</b>	231	244	189	192	85	77	74	85	2.7	3.2	2.6	2.3
<b>B.Com. (Ins.)</b>	170	106	139	-	75	75	79	-	2.2	1.4	1.8	-
<b>B.Com. (Hons.)</b>	-	-	-	213	-	-	-	65	-	-	-	3.3
<b>B.Sc. (N.M.)</b>	981	923	965	875	161	184	150	164	6.1	5.0	6.4	5.3
<b>B.Sc. (N.M.) SF</b>	100	93	83	79	99	93	83	79	1.01	1.0	1.0	1.0
<b>B.Sc. (Bio-Tech.)</b>	72	52	55	71	40	27	21	22	1.8	1.9	2.6	3.2
<b>B.Sc.(Comp. Sc.)</b>	329	360	381	352	80	85	79	78	4.1	4.2	4.8	4.5
<b>B.Sc.(El.)</b>	159	120	79	75	58	59	42	32	2.7	2.0	1.9	2.3
<b>B.Sc. (Gent.)</b>	37	32	34	37	21	25	20	22	1.7	1.3	1.7	1.7
<b>B.Sc. (Med.)</b>	93	136	143	166	39	48	60	49	2.3	2.8	2.4	3.4
<b>BCA</b>	139	156	139	167	77	79	70	71	1.8	2.0	2.0	2.4
<b>M.A. (English)</b>	55	47	50	60	17	29	33	31	3.4	1.6	1.5	1.9
<b>M.A. (Hindi)</b>	45	8	26	18	18	8	23	10	2.5	1.0	1.1	1.8
<b>M.A. (Pol.Sc.)</b>	48	32	52	26	26	23	33	12	1.8	1.4	1.6	2.2
<b>M.A.(Economics)</b>	40	34	21	27	08	21	15	17	5.0	1.6	1.4	1.6
<b>M.Com.</b>	150	125	194	114	60	59	60	42	2.6	2.1	3.2	2.7
<b>M.Sc (Chemistry)</b>	191	258	406	248	39	42	44	43	4.9	6.1	9.2	5.8
<b>M.Sc ForensicSc.</b>	-	-	52	58	-	-	22	24	-	-	2.4	2.4

- Overall trend in admission is mounting because of availability of qualified teachers, infrastructural facilities, student-centric teaching-learning process and transparent and good governance.
- At P.G. level, the courses in science and commerce are much in demand as compared with the arts stream a general trend in the State.
- At P.G. level in Arts stream the demand ratio is less due to poor pass percentage of students at U.G. level.

## **2.2 Catering to Student Diversity**

### **2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**

After identifying the area of weakness of differently-abled persons:

- Red-Cross Convener or some other teacher is assigned the duty of helping such student(s).
- The college has two wheel chairs for the differently-abled students.
- Revision lectures are arranged before the semester examination.
- Handouts/problem solving books are supplied to such students.
- Revision tests are conducted at suitable time interval.
- There is provision in University examination rules to allot extra time for handicapped students or to allow writer during examination on producing medical certificate from the CMO. Special seating arrangement is made for such students.
- Ramps have been provided in the college corridors connecting the rooms and in the library for the students who cannot use staircase or steps.

### **2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'Yes', give details of the process.**

- When a student purchases Prospectus for admission, administrative staff and five to eight teachers from the various departments are available in the college to answer the queries of the students and to give him/her proper guidance in the selection of a particular course or subjects to be studied in a particular programme keeping in mind his/her taste and aptitude.
- In order to counsel the new students about the course chosen, the examination pattern, the marking pattern, an induction programme is conducted in the auditorium/assembly hall before the commencement of the session.
- In order to make the students acquainted with the course pattern, another induction programme is conducted in the classroom on the first day of the course by the class teacher.
- The students of 1<sup>st</sup> semester are allowed to change the subject, if they want, within 15 days of the admission, after submitting a properly-filled application form, duly recommended by concerned teacher.



### **2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/ Remedial/ Add-on/ Enrichment Courses, etc.) to enable them to cope with the programme of their choice?.**

The following methods are adopted to help the students after assessing the learning level of the students after admission:

- Students admitted to courses which require additional knowledge such as accountancy, mathematics etc. are given special lectures.
- For Forensic Science students, we conduct bridge course in mathematics / biology.
- Add-on courses sponsored by UGC are also running in the college. There is a very good response of students to such courses at a very nominal fee of Rs. 100/- per month as prescribed by the university. The institute offers the following career-oriented/add-on-courses sponsored by UGC and one compulsory skill development course in Basic Computer Education:
  - Bioinformatics
  - Computational Physics
  - Software Internet and Web Programing (Web Designing)
- Wherever a disadvantaged learner(s) is identified by the class teacher, a tutor helps him/her with counseling and intensive coaching. Group-wise coaching is given if the number of such students is large.
- Subject teachers select some advanced learners and they are asked to help the weak students.

Performance monitoring is done not just at the beginning of the year but throughout the academic year. Besides the mandatory tests, teachers give surprise tests and hold quiz in the class to monitor the students' performance. The attendance of the students is also regularly monitored. Since it is a part of the internal assessment of the students, parents are also informed and invited to meet the Principal and the concerned teachers if any student is found to be running short of attendance or is not performing well in studies.

### **2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?**

- Women development Centre organizes various seminars, extension lectures and quiz programmes in order to sensitize its staff and students on gender related issues.
- Every year the Women Development Centre and Fine Arts Club of the college collaborate in organizing intra or inter-college poster-making, painting and slogan writing competition with emphasis on the need of gender equality.
- Environment Club and Red-ribbon Club organize various seminars, extension lectures and quiz programmes in order to make the staff and students aware about the issues related to environmental pollution, environment protection and other related matters.

- Tree plantation is a regular feature on college Founders' Day, 'Van-mahotsav' and on other functions in the college.
- NCC and NSS units of the college sensitize staff and students on various socio-cultural issues.

### **2.2.5 How does the institution identify and respond to special educational/ learning needs of advanced learner?**

Personal attention is paid to the advanced learners. They are given extra books, prizes and scholarships so as to motivate them to do even better. Advanced learners are encouraged to make presentations in their classes. They are given additional guidance. Meritorious students are encouraged to solve university question papers and the answers written by them are evaluated/ assessed by individual subject teachers. Students are motivated by awarding them cash prizes and certificates. Considering their academic and non-academic performances, they are encouraged by giving prizes. To encourage advanced reading and referencing and ensure optimum library utilization, a 'Best Library User Award' is given.

The science students participate in the Science Exhibition organised by Haryana Government every year and win several prizes. The science students also participate in science quiz organized by Haryana DST at district and state level. It is a regular feature. Such students are guided by faculty members to participate in various inter-college and university level competitions. The college has to its credit organizing the 1<sup>st</sup> Inter-District Science Exhibition sponsored by DHE, Haryana. Again, the Inter-District Science Exhibition sponsored by DHE, Haryana has been organized in our college in the session 2012-13.

For the benefit of the students as well as teachers, seminars, workshops and conferences are organized in the college. The students are encouraged to give their presentations in the seminars. To acquaint the students with the latest knowledge in various fields, extension and guest lectures by eminent scholars are arranged in various departments. Company professionals and entrepreneurs are invited to cater to the need of the advanced learners. Such advanced learners are encouraged to participate in inter-college competitions and seminars.

### **2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. Who may discontinue their studies if some sort of support is not provided)?**

- Data is collected on the basis of the attendance and performance in class tests/unit tests.
- The students showing poor performance are identified by the class teacher. The Head of the Department either appoints a guardian teacher or helps such students by counseling and motivating them and solving their difficulties. Remedial lectures are given by our teachers and guest faculty. Model/ synoptic answers are provided.

They are advised to join Yoga training so as to become physically and mentally active.

- The students from disadvantaged sections of society are treated with affection so as to strengthen them psychologically and mentally. It is taken care that there should be no bias so far the provision of opportunities is concerned.

## **2.3 Teaching-Learning Process**

### **2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)**

Keeping in view the schedule given by the university, academic calendar of institution is prepared in the summer vacation itself so that it is available from the beginning of the academic year. The calendar displays dates of all academic events like

- College reopening after every vacation.
- Admissions.
- Commencement of classes.
- Duration of first/second term.
- Examinations.
- Conferences, Workshops and Seminars during the session.
- Extracurricular events/ Club /Subject society activities of all the departments.
- Department wise academic calendar is also prepared by concerned departments.

All academic and extracurricular activities are organized and completed as per the schedule with the support of teachers, non-teaching staff and students.

- In the beginning of the academic year, each Head of the Department conducts departmental meeting for distribution of work and timetable. It is mandatory for teachers to submit individual timetable along with the teaching plan for the academic year and to follow it.
- Examinations are conducted by the college but the university decides the pattern of the question paper and evaluation. All institutions affiliated to Kurukshetra University, Kurukshetra follow a common pattern of evaluation.
- Syllabus and paper pattern are communicated to the students in advance.
- Synoptic answers together with the scheme of marking of question papers are prepared to ensure uniformity and objectivity in the assessment.
- Papers assessed by examiners are moderated by the senior faculty members.
- Results are made available to the teachers for analysis and necessary action.

The teaching program schedule and methodologies are planned and organized in advance.

### **Academic Calendar**

Academic calendar is prepared and published before the beginning of the first term of every academic year. It provides the plan for the academic year to the students, teachers and parents. It is posted on the college website [www.dsckarnal.org](http://www.dsckarnal.org). A copy is issued to all the Heads of the Departments and coordinators. The students are communicated through notice boards and the college website.

### **Teaching Plan**

Teaching plan is prepared by subject teachers and submitted to the Head of the Department every academic year. It is submitted within seven days of the beginning of the first and second term/semester. A copy of the teaching plan is submitted to the Principal.

### **Time Table (Theory Classes)**

Time table for theory classes for the academic year is prepared and displayed on the notice board and the college website well in advance. This helps to ensure that the classes start on the very first day of the academic year.

### **Time Table (Practical Classes)**

For practical classes, separate time table is prepared and displayed on the main notice board and departmental notice boards near laboratories. Each laboratory in-charge is given a copy of the time table. Term-wise practical schedules are prepared and displayed on the notice boards at the beginning of the term. Week-wise practical time table helps the students to prepare for the practicals in advance. There is a standing practice that manuals related to the practicals are returned and the practicals are checked up and signed in the same or the following week.

### **Portion Completion Certificate**

In the beginning of the academic year itself the total number of lectures available during the semester is calculated on the basis of academic calendar and examination schedule. In case a teacher needs additional lectures, special lectures are arranged.

### **Examination Schedules**

Semester examination schedules are notified through the academic calendar issued before the beginning of the semester. Class tests are notified through the notice boards. Topics on which the test is to be conducted is also notified.

### **Evaluation Blue Print**

Dates of examination, dates of centralized assessment projects, dates of announcement of results, admission dates for new academic year, dates of re-evaluation of paper/papers, etc. are announced well in advance.

## **2.3.2 How does IQAC contribute to improve the teaching-learning process?**

IQAC helps to assess our strengths as well as weaknesses. We work on the weak areas and try to eliminate the shortcomings and further strengthen our teaching learning process. The issues are taken up elaborately for discussion in the staff-council meeting and suggestions are invited from all the teachers.

### **2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like, interactive learning collaborative learning and independent learning among the students?**

The main method of teaching is 'lecture method' where students and teachers can directly interact with each other. Topics difficult for understanding are repeated, the teacher clarifies the doubts immediately. Towards the end of each lecture, interaction/question answer session is held with the students to get their feedback. Models, charts, and specimens are used to supplement the lecture method. Viva-voce is conducted while signing the practical files of the students. Excursions and educational tours are undertaken for the students, where students get field experience and freedom to interact with the teachers.

The lecture method of teaching is supplemented with the following learner-centred teaching methods:

- Assignments, presentation, seminars, surprise tests, quiz in the classes, paper reading contests, practicals etc. are conducted regularly.
- Guest lectures are arranged by various departments and associations/ societies.
- Audio-video C.D.s are used.
- Educational tours and trips are organized.
- Question paper pattern is discussed with the students.
- The students are encouraged to prepare models and charts.
- Teachers in science departments use DLP and also use OHP to show transparencies.
- Project work is given to the students.
- Group discussions are organized in the classroom to enhance interpersonal and communication skills.
- Industrial visits are organized for the students to gain practical knowledge about the functioning of various firms and industries.
- Biotechnology students visit various research institutes, hospitals, pathology labs, diagnostic centers for practical training, during winter and summer vacations.
- Extension lectures, workshops and seminars are organized.
- Students are allowed to participate in various literary programmes such as essay writing competition, quiz contests, seminars and workshops, science exhibitions organized by other colleges. This gives them an opportunity to interact with the students of other colleges.
- Various types of cultural programmes and competitions like debates, elocution, news-reading competitions are arranged so that the students become more confident.
- Our students are given opportunities to participate in International/National Conference/Seminars organised in the college campus as well as by other colleges.
- Botany students are taken on trips for plant collection and they get an opportunity to observe the diversity of flora and fauna in nature.

- Our students are given opportunities to participate in Science Exhibitions organized in the college campus, at district level as well as at the State Level.

The overall effect of all these teaching-learning strategies has resulted in a remarkable quantitative and qualitative growth in the academic results of the college in the University examinations.

#### **2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into Life-long learners and innovators?**

The college provides open access to educational and life-long learning opportunities by inculcating healthy habits in the students like discipline, leadership, entrepreneurship etc.

##### **Critical Thinking**

The students are encouraged to participate in Debate/Declamation Contests, Essay Writing Competitions, Poetic Recitation Competitions organized at the college, inter college, zonal and inter-zonal level. The participation in such competitions helps the young minds to think critically about the various issues related to the society at the National and International levels. This gives them acumen to be aware about the social, political, economic problems and standing of the country.

The college offers programs and extensive career-technical education and basic skills education and adequate infrastructure where students are provided opportunities to practice and improve critical thinking, effective communication, quantitative reasoning, information competency, community and global awareness, self-efficacy and workplace skills.

##### **Creativity**

The students are encouraged to contribute their articles, stories, poems and observations every year in the college magazine 'Harmony'. Alongwith this, essay writing competitions, slogans writing, story writing, sketching and painting, poster-making competitions, debate/declamation contests, poetic recitation competitions also help to enhance and sharpen the creativity of the budding artists.

##### **Scientific Temper**

The students participate in Science Exhibitions at College, District, Inter-district and State Level. The students are taken for field studies in subjects like Zoology for study of Fish-Culture, Bee-Culture to the respective breeding farms, in Geography to study rocks, land formations in fields, in Chemistry to various types of industries like pharmaceutical, fertilizers and chemicals, in Botany to study flora of wild and cultivated habitats, to create the scientific temper. The college also organizes quiz in various subjects and especially on environment and trips to the Institutes of National repute at Karnal like NDRI, NBAGR, CSSRI, IIWBR and ICAR to make the students aware of the latest scientific advancements.

**2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.**

- Audio-visual laboratory.
- E-learning via internet facility available through Wi-Fi on the campus.
- Teachers in science departments use DLP and OHP to show transparencies.
- EDUSAT lectures are delivered by a large number of teachers.

**2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**

**Students**

- Environmental Study and Computer Education for all the students.
- Guest and extension lectures are arranged by various departments and associations.
- Audio-video C.D.s are used.
- Educational tours and trips are organized.
- The students are encouraged to prepare models and charts.
- Project work is given to the students.
- Group discussions are organized in the classroom to enhance interpersonal skills.
- Industrial visits and educational trips/tours are organized for the students to provide them practical knowledge about the functioning of various firms and industries.
- Biotechnology students visit various research institutes, hospitals, pathology labs, diagnostic centers, for practical training during winter and summer vacations.
- Extension lectures, workshops and seminars are organized.
- Legal literacy cell organizes essay-writing competition and guest lectures to awaken the students to legal issues.
- Commerce teachers try to make students conscious of skill development and job potentials in the corporate world.
- All subject associations organize intra and inter-college essay-writing, debates and declamation competitions. These programmes not only provide the students further knowledge but also break the monotony of routine class work.
- Women Development Centre works actively to redress the grievances of girl students. The Centre organizes lectures by authorities in district administration on women-related issues and interaction between the students and the authorities is arranged. The teacher members of Women Development Centre try to sensitize both boys and girls about gender issues, domestic violence, and legal aspect of various issues. Inter-college essay

writing, poster-making competitions etc. are organized and students participate in such competitions in other colleges too.

- Students are allowed to participate in various literary programmes such as Essay Writing Competition, Quiz Contests, Seminars and Workshops, Science Exhibitions organized by other colleges.
- Various types of competitions like debates, elocution, news-reading competitions are arranged so that the students become more confident.
- Our students are given opportunities to participate in International/National Conferences/Seminars organised in the college campus as well as in other colleges.

#### **Faculty**

- As per UGC/State Govt. rules, teachers attend orientation and refresher courses organized by various universities.
- Our faculty members are given opportunities to participate in International/National Conferences/Seminars organised in the college campus, in other colleges as well as abroad.
- Many teachers deliver lectures as resource person, present research papers and chair sessions in seminars.
- EDUSAT lectures are delivered by a number of faculty members.

#### **2.3.7 Detail (process and the numbers of students/benefited) on the academic, personal and psycho-social support and guidance services (professional counseling /mentoring /academic advice) provided to students?**

The subject societies, Placement Cell, Women Development Centre and N.S.S. units of the college organize various extension lectures on personality development and professional counselling/academic counselling to train the students for ensuring better performances in different competition and interviews.

#### **Academic Support and Guidance Services**

- Placement cell organizes lectures by experts from various fields to provide guidance to students. Well established firms and companies are invited for the placement of students.
- Legal Literacy Cell organizes extension lectures, essay writing competitions, debate/ declamation competitions, poster making competitions etc. to make the students aware of their legal rights.
- The commerce department of the college arranges extension lectures to bring about consumer awareness not only among the students but through them in the society in general.
- The various subject societies of the college organize activities to make students more confident and to develop communication and inter personal skills in them.
- With the extension lectures and personal guidance by the teachers of the college the students are motivated to join various P.G. courses in the centres of higher learning.

#### **Personal Support and Guidance Services**

The senior faculty members address and sort out the problems of the students. Financial help is provided to the needy students. Alongwith



this, extension lectures and interactive sessions are organized to help the students manage stress in today's competitive world.

### **Psycho-social Support and Guidance Services**

Red Ribbon Club creates awareness about HIV- its causes and results. Red Ribbon Club and the District Health Administration collaborated on August 12, 2016 to observe International Youth Day and organized a function for creating HIV awareness. Dr. Anita Aggarwal, District Nodal Officer, HIV/AIDS, Karnal elaborated on the dangers and causes of the disease. Red-Ribbon Club also holds essay-writing and slogan writing competitions and encourages students to participate in inter-college competitions held by other colleges.

Women Development Centre of the college always provides the required support to the girl students and undertakes various activities and projects to bring about awareness among the students boys as well as girls regarding the social issues.

As a result of these activities almost all the students of the college are benefited. Every year on an average 50 students are selected by different reputed companies in on-campus interviews. More than 300 students get benefited due to various activities organized by Red Cross Society, Red Ribbon and Blood Donation Club. More than 500 students are taken for various educational trips organized by different departments of the college every year.

### **2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**

- Computer facility with Wi-Fi is available for the faculty and the students. Faculty and students are allowed to access internet.
- Laser printers have been provided in most of the departments.
- Power point presentation and transparencies are used by the teachers for teaching purpose. This helps in teaching the subject effectively and also saves time.
- CDs/DVDs also help in effective teaching particularly languages and science subjects.
- Literary programmes, Seminars, Workshops, Science Exhibitions are organized by our/other colleges.
- Our faculty members are given opportunities to participate in International/National Conferences/ Seminars organised in the college campus, in other colleges as well as abroad .
- M.A (English) students are shown movies pertaining to their syllabus in the language lab of the college.
- Emphasis is laid on spontaneous discussion in class rooms.
- 'Know Your Syllabus' quiz is organized by different subject societies every year in which the students of all B.A and M.A classes participate.

**2.3.9 How are library resources used to augment the teaching-learning process?**

Our college feels proud to own a very well equipped library. At present there are 66466 books and we subscribe for 60 journals. Every year new books are added. Books and magazines are purchased by the college on regular basis for knowledge upgradation. The library also provides internet facility with the provision of Wi-Fi. For post-graduation, we have separate open shelf system. A separate periodical section is there in the library. The college library subscribes to various journals related to different subjects. Some of the online resources like INFLIBNET are also subscribed to by the college. The library is equipped with UGC N-link which provides access to 97300 e-books and 5902 e-journals of different disciplines. Old question papers of house tests and final exams in all the subjects are made available to the students. Copies of syllabi prescribed by the university, with question-wise division of marks etc. are also available to the students for ready reference. There are separate reading rooms for boys and girls for undergraduate students.

The students are asked to prepare assignments as mentioned in syllabus by using all the resources available in the library.

**2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.**

There is a time constraint in semester system and all the teachers make strategies to complete the syllabi as per the academic calendar. Extra classes on Sundays and other holidays are conducted as and when required.

**2.3.11 How does the institute monitor and evaluate the quality of teaching learning?**

- House tests are held as per the university rules. Class tests are held from time to time to evaluate the progress of the students. The results are discussed with the students in the class and suggestions are given for further improvements.
- The results of the students in the university examinations are discussed in the staff meetings of every department and then in the meeting of academic council of the college. The results are reported in governing body meeting. The teachers with excellent results are appreciated and those with lower results are motivated to improve.

## 2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
<b>Ph.D.</b>	--	--	10	04	09	09	<b>32</b>
<b>M.Phil.</b>	--	--	05	04	05	03	<b>17</b>
<b>PG</b>			-	-	01	02	<b>03</b>
Temporary Teachers							
<b>Ph.D.</b>	--	--	--	--	03	03	<b>06</b>
<b>M.Phil.</b>	--	--	--	--	01	10	<b>11</b>
<b>PG</b>	--	--	--	--	14	46	<b>60</b>

Teaching positions are created as per the workload in a particular subject or on the retirement of or resignation by the present incumbent(s). The regular faculty is employed strictly as per UGC, DHE, Haryana and University rules and conditions. The same eligibility conditions apply on part time and adhoc faculty. The college appoints temporary/adhoc teaching staff on the posts for which the Government does not provide grants. The college provides pay scales and security of service to the regular faculty and other staff as per UGC/Haryana government rules.

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

To cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study eminent resource persons from the prestigious institutes and industries are invited to deliver extension lectures. The college appoints temporary/adhoc teaching staff to teach these subjects, the results have been very good and the subjects have become very popular as the number of applicants increases in these courses every year.

**2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.**

**a) Nomination to staff development programmes.**

<b>Academic Staff Development Programme</b>	<b>Number of faculty nominated</b>
Refresher course	29
HRD programmes	-
Orientation programmes	11
Staff training conducted by the university	14
Staff training conducted by other institutions	11
Summer/winter schools, workshops, etc.	19

**b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning**

**• Teaching learning methods/approaches**

<b>S. N.</b>	<b>National Workshop</b>	<b>Topic</b>	<b>Year</b>	<b>Funding Agency</b>
1	National Seminar	Recent Advances in Material Science	February 25-26, 2012	UGC, New Delhi
2	National Workshop	Study of Biodiversity in Today's Perspective	March 11-13, 2012	UGC, New Delhi
3	National Workshop	Workshop on Review of Research Methods in Political Science	March 23-25, 2012	DHE, Haryana
4	National Seminar	Politics of Lokpal	April 14, 2012	ICSSR, New Delhi
5	National Workshop	Use of Quantitative Methods In Political Science	May 24 – June 02, 2012	ICSSR, New Delhi
6	National Seminar	Historical Novel from Khushwant Singh to Amitav Ghosh	Feb. 2-3, 2014	DHE, Haryana
7	National Seminar	Understanding Bharat Ratna Dr. B.R. Ambedkar	March 6-7, 2016	DHE, Haryana
8	International Seminar	विश्व पटल पर हिन्दी : विस्तार एवं संभावनाएं	January 10, 2017	DHE, Haryana & Haryana Granth Academy

- **Handling new curriculum**  
Fifteen (15) teachers of our college attended course content development workshops of EDUSAT programme, twenty nine (29) teachers participated in refresher courses and nineteen (19) teachers attended Summer/winter schools, workshops, etc.
- **Content/knowledge management**  
Eight (08) International/ National seminars and workshops have been organized by the college.
- **Selection, development and use of enrichment materials**  
Fifteen (15) teachers attended course content development workshops of EDUSAT programme and eight (8) teachers attended training of 'Use of Audio-Visual Aids and Development of Teaching Learning Material' at NITTTR, Chandigarh.
- **Assessment**  
Three (3) faculty members and former Principal Dr. R.S. Khanchi attended workshop on NAAC at B.P.S. University, Khanpur Kalan, Sonapat. Two (2) faculty members attended two-day National Seminar on Higher Education in India : Striving for Excellence organized by IQAC, K.U. Kurukshetra on October 23-24, 2013.
- **Cross cutting issues**  
**Women Development Center** sensitizes the students against female foeticide, domestic violence, dowry system etc.  
**Legal Literacy Cell** makes the students aware about their legal rights and duties towards the nation. The students are enlightened about the topics like RTI Act and different consumer protection laws.  
**Environment Club** of the college organises a state level quiz, poster making, wild life photography competition and slogan competition on the various issues of wild life and environment every year. All the students of 1<sup>st</sup> and 2<sup>nd</sup> semester of all the streams are taught environmental studies as part of their compulsory curriculum.  
**Blood Donar Club** : To serve the suffering humanity, our students are guided and motivated to donate blood. Through this activity the energy of the students is channelized for social cause of communal harmony and participation in social activities. The Blood Donors' Club of the college organizes the Blood Donation Camp regularly every year. In the camps more than 150 units of blood is collected every year on September 9 to mark Founder's Day.
- **Audio Visual Aids/multimedia**  
Although the college has not organized any programme but 8 teachers were sent for training to NITTTR, Chandigarh to get trained in use of audio visual aids and devolpment of teaching learning material.
- **OER's**  
The students are given information to assess Open Education Resources through internet regarding their curriculum and additional knowledge of sports, environment and political, social and economic issues.
- **Teaching learning material development, selection and use**  
Although the college has not organized any programme but 8 teachers were sent for training to NITTTR, Chandigarh to get trained in the use

of audio visual aids and development of teaching learning material and 106 books have been authored, 05 books have been edited and 25 chapters have been contributed to the books by our faculty members. Fifteen (15) teachers of our college attended course content development workshops of EDUSAT programme, twenty nine (29) teachers participated in refresher courses and nineteen (19) teachers attended Summer/winter schools, workshops, etc.

**c) Percentage of faculty**

- Invited as resource persons in Workshops/ Seminars /Conferences organized by external professional agencies. **25**
- Participated in external Workshops/ Seminars/ Conferences recognized by national/International professional bodies. **95**
- Presented papers in Workshops/ Seminars/ Conferences conducted or recognized by professional agencies. **66**

**2.4.4 What policies/systems are in place to recharge teachers? (e.g. providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)**

The college Management, IQAC and the Principal encourage the faculty members to approach UGC, DST and ICSSR to get the research projects sanctioned to enhance their professional competency. The faculty is also encouraged to participate in faculty improvement programme and is provided administrative support. To facilitate smooth progress and implementation of research projects:

- The college encourages research aptitude among teachers and students in all possible ways. There is a Research Committee which motivates the teachers for academic advancements, and helps them to apply to UGC for projects.
- Faculty members are provided with study leave/academic leave and limited financial support to pursue the short term research programme and to attend seminars and workshops related to research.
- Faculty members who are registered for research are given flexibility in the time table to carry out data collection and analysis, library work and laboratory experiments.
- By ensuring timely availability and release of resources.
- By providing adequate infrastructure and human resources.
- The faculty of the college is working on various research projects. The research grants received for research projects come to the college from various sponsoring agencies. The college provides infrastructural and library support to all the faculty members for their research projects. Faculty members are given a free hand to use the grants according to the requirement of the projects.
- Following are the faculty members who have been sanctioned research projects:

- Dr. Ravi Kumar, Dr. Kushal Pal, Dr. Chander Shekhar have completed and /or are working on Major Projects.
- Dr. Rakesh Kumar Bhardwaj, Dr. Basant Kumar, Dr. Chander Shekhar, Dr. Kushal Pal, Dr. Rajni Seth, Dr. Vishakha Gupta, Dr. Ritu Sharma, Dr. Mahavir Prasad and Dr. V. K. Goyal, have completed minor research projects.
- The faculty is permitted to attend national/international seminars/conferences/training programmes.
- Dr. Rakesh Kumar Bhardwaj, Dr. Chander Shekhar, Dr. Ritu Sharma and Dr. Ravi Kumar have received funding from UGC, INSA and other agencies to present their papers and visit as research fellows abroad in countries like Hungary, China, USA, Canada, Italy, UK and Thailand.
- Dr. Krishan Lal Gosain, Dr. Vishakha Gupta and Dr. Mahavir Prasad have availed study leave to pursue Ph.D. degree under UGC faculty improvement programme.

**2.4.5 Give the number of faculty who received awards/recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.**

Our faculty received awards / recognition at the state, national and international level for excellence in teaching during the last four years.

**Dr. Rakesh Kumar Bhardwaj**

- Best Chemistry Teacher Awards 2011: Shortlisted among Top Ten Finalist for the Post Graduate Category by TATA Group in alliance with ACT on all India base. Tata Group in Association with Indian Association of Chemistry Teacher awarded the Certificate of Recognition for Popularizing Chemistry in India.
- Indian Academy of Science Bangalore awarded The Academy Summer Research Fellowship 2003.
- INSA Fellowship: 2006-07 (Three months) Indian National Science Academy awarded visiting fellowship under International Colloboration/ Scientist exchange programme for Hungary.
- Fellow of the Indian Chemical Society (Fellowship No.F/5437) and Thermodynamic Association of India (Fellowship No.LM-14).

**Dr. Krishan Lal Gosain**

- Received appreciation letter from Professor Greame E. Murch and Professor Irina V. Belova, Professors of Materials Engineering, The University of New Castles, New South Wales, Australia.
- Honoured by Manav Kalyan Mandal on 21-02-2009.
- Honoured by Manav Kalyan Mandal on 01-09-2010.

**Dr. Chander Shekhar**

- Dr. Chander Shekhar received ASEA Excellence Award for the year 2012 for outstanding performance and lasting contribution in the field of Environmental Education.

**Dr. Neena Arora**

- Honoured by Manav Kalyan Mandal on Feb. 21, 2009.

### **Dr Sanjeev Sharma**

- Honoured at 'Professor Samman Samaroh' 2011-12 organised by TERII and Manav Kalyan Mandal, Karnal held at TERII, Kurukshetra on May 27, 2012.

### **डॉ. रणधीर सिंह**

- डॉ. रणधीर सिंह को काठमांडू में (8 जून से 11 जून 2013) 'हिंदी व वैश्विक परिदृश्य' विषय पर आयोजित अन्तर्राष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

### **Ms. Rajni Seth**

- Honoured by Manav Kalyan Mandal, 2008.

### **Dr. Devinder Singh**

- Honoured by Manav Kalyan Mandal, 2008.
- Honoured by Manav Kalyan Mandal, Feb. 21, 2009.

### **Dr. Sarika Choudhury**

- Best Alumni Award by K.V.A.D.A.V College for Women, Karnal on July 21, 2013.
- Professor Samman Award by Manav Kalyan Mandal, Sep. 5, 2013.

### **Dr. Ritu Sharma**

- Honoured by Manav Kalyan Mandal, Haryana on February 21, 2008.

### **Dr. Ravi Kumar**

- INSA-Visiting Scientist Fellowship (Indian National Science Academy) Visited Dr. Arvind Kumar's Laboratory at Centre for Salt and Marine Chemicals Research Institute (CSMCRI-CSIR) Bhavnagar (Gujarat) for two weeks (2012).
- Commonwealth Academic Staff Fellowship (Commonwealth Scholarship Commission in UK (Association of Commonwealth Universities) September – October, 2012.
- 'Dr. Lata Memorial Young Scientist Award, by Multani Mal Modi College, Patiala (Punjab), 2009.
- Post Doctoral Fellowship at Cardiff University, U.K. (June 2014-May 2016).

### **डॉ. जयकुमार**

- डॉ. जयकुमार को काठमांडू में (8 जून से 11 जून 2013) 'हिंदी व वैश्विक परिदृश्य' विषय पर आयोजित अन्तर्राष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

### **Sh Tejpal**

- Young Geographer Award at 40<sup>th</sup> Annual Conference and National Seminar on Resource Development and Environment : A Changing Scenario, organized by The Rajasthan Geographical Association and Shri Radheshyam R. Morarka Govt. College, Jhunjhunu (Raj.), India on December 21-23, 2012.
- Young Geographer Award at 1<sup>st</sup> International Conference on Disaster, Natural Resource Management and Socio-economic Development, organized by Department of Geography, Kurukshetra University, Kurukshetra on October 4-5, 2013.



- Best Coordination by Counselor Award in State Level Youth Red Cross Training Camp for Boys organized by Indian Red Cross Society, Haryana State Branch at Panchkula on Sep. 01-06, 2016.
- Commendation certificate for paper entitled 'Soil Erosion Susceptability Assessment Through Geo-Statistical Multivariate Approach in Panchkula District of Haryana, India' in 38th Indian Geography Congress held at University of Mysore, Mysore, December 26-28, 2016.

The college Management and the Principal encourage the faculty members to enhance their professional competence. A very congenial environment is provided to the faculty members to upgrade their skills to achieve in their respective fields and to contribute to the society in a big way.

**2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

The college has not introduced the evaluation of teachers by the students and the external peers.

**2.5 Evaluation Process and Reforms**

**2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?**

**Students**

- Teachers apprise the students of the evaluation methods adopted by the Kurukshetra University at the beginning of each academic session. These methods are also conveyed in the college prospectus. The schedule of the mandatory class tests is displayed on the notice boards of the college.
- Semester examination schedule is notified through the academic calendar issued before the beginning of the semester and is also displayed on the notice boards of the college.
- Class tests are notified through the notice boards of the college. The topic on which the test is to be conducted is also notified.
- Assignments are given to the students with a proper time schedule.
- The students are apprised of the internal assessment procedure in the beginning of new session.
- Internal assessment marks are displayed on notice board, 15 days prior to the commencement of theory examinations, which provides the student a chance to improve his /her internal assessment performance.

**Teachers**

The following documents are given to all the teachers at the beginning of the session:

- Photocopy of academic schedule issued by K.U. Kurukshetra.
- Photocopy of assessment scheme to be followed as per guidelines given by the university.
- Photocopy of the syllabus to be taught.

**2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?**

**Evaluation Reforms of the University**

Assessment marks have been increased from 10% to 20%. This has improved both attendance and performance of the students during sessional examinations.

**Evaluation Reforms of the Institution**

As a reform and to have openness in the system, the answer sheets of the class tests are shown to the students and if there is any discrepancy it is taken care of on the spot. If a student is still dissatisfied, he/she can represent the matter to the Head of Department or to the Principal. In case of any complaint by the student, we arrange for re-evaluation of answer sheets of the student(s) through teachers of other classes/sections. This reduces human error in evaluation.

The cases of unfair means are referred to the 'Unfair Means Committee' headed by the Principal or the Controller of Exam. The Committee gives a chance to the student to appear before it and listens to his/her viewpoint. On the basis of the facts, the committee recommends prescribed punitive action to be taken.

**2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?**

- The progress of students is continuously monitored through class tests and progress is communicated to their guardians/parents.
- The internal assessment given by each teacher is shown to the Head of the concerned department to ensure transparency in the system. The internal assessment is also notified on the notice boards of the college for the information of the students
- The cases of unfair means are referred to the 'Unfair Means Committee' and the students are called personally to present his/her viewpoint and suitable action is taken by the committee.
- Many of our teachers work as head-examiners and moderators. The errors are pointed out and guidelines are provided to the examiners. Feed-back is given to the university.

**2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.**

The formative and summative evaluation is applicable as per the university scheme of evaluation. The formative evaluation is done through class tests, written assignments, oral tests, group discussions and interactive sessions. The assignments from the syllabi taught are given to the students and these are evaluated. All these activities have positive impact on the academic enhancement of the students. The summative evaluation is done by the university.

**2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.**

The transparency/ weightage in the internal assessment is maintained strictly as per university rules and regulations. A criterion for assessment is predetermined by the K.U. Kurukshetra and we strictly follow this criterion in toto. As per the directive of the university, the assessment marks are given to the students according to the following criterion:

Assignments	10%
Sessional/Unit Tests	5%
Attendance	5%

The students are informed about this criterion in the beginning of the session. All the teachers follow this criterion strictly and the assessment marks are displayed on the notice boards.

**2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?**

The graduate attributes as specified by the affiliating university are followed in letter and spirit by the institution to ensure their attainment by the students. The vision and mission statement of the college, i.e., *'Gather Ye the Wisdom of the East and the West'* focuses on the holistic approach to knowledge – a blend of the scientific as well as the spiritual wisdom.

**2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?**

**Redressal of Grievances with Reference to Evaluation at the College Level :**

- Answer sheets of the House Tests are shown to and discussed with students and if there is any grievance with reference to evaluation, it is redressed on the spot in the following way:
  - \* Total is checked again.
  - \* Unmarked questions, if any, are marked.
- If a student is still dissatisfied, he/she can represent the matter to the Head of Department or to the Principal. In case of any complaint by the student, we arrange for re-evaluation of the answer sheet(s) of the student(s) through teachers of other classes/sections. This reduces human error in evaluation.

**Redressal of Grievances with Reference to Evaluation at the University Level :**

- Rechecking of Answer sheets
  - \* Total is checked again.
  - \* Unmarked questions, if any, are marked.

- Re-evaluation of Answer sheets
  - \* Marked questions are got re-marked by some other examiner.
- Photocopies of answer sheets are supplied to the student under Right To Information Act.

## **2.6 Student performance and Learning Outcomes**

- 2.6.1 Does the college have clearly stated learning outcomes? If ‘yes’ give details on how the students and staff are made aware of these?**
- Yes, the college has clearly stated learning outcomes stated in vision and mission statement of the college, i.e., *‘Gather Ye the Wisdom of the East and the West’*. Our Mission, therefore, focuses on the holistic approach to knowledge – a blend of the scientific as well as the spiritual wisdom. By grooming the students into confident, well equipped, culturally conscious, socially modern and globally competent person, the college translates learning outcomes into reality. The students and staff are made aware of these through the prospectus, the various programmes like extension lectures, quiz, debate/ declamation competitions etc. and through different notices issued from time to time.

**2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/ programme? Provide an analysis of the students results/ achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

The college monitors and communicates the progress and performance of the students as per the university rules. It is based on their results, class tests, assignments, attendance and their participation in the classroom activities as well as the activities at the college level. These are the main factors for monitoring the performance of the students. The results and achievements are communicated to their parents at regular intervals. This information is also displayed on the notice boards of the college and is also announced in the concerned class.

**Results of the Last 4 Years**

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
<b>B.Sc. I Semester</b>	59.88	69	46.00	55.97	15	N.A	65.42	148	34.10	45.45	109	32.72
<b>B.Sc. II Semester</b>	77.53	162	N.A	52.95	149	50.77	77.53	159	34.56	R/A	R/A	N.A
<b>B.Sc. III Semester</b>	64.81	110	24.52	62.5	137	N.A	63.88	156	48.75	60.10	153	42.35
<b>B.Sc. IV Semester</b>	71.02	152	N.A	55.62	159	51.07	56.13	163	42.40	56.99	166	33.71
<b>B.Sc. V Semester</b>	58.53	148	54.99	64.24	93	35.32	31.33	112	50.89	51.84	136	38.91
<b>B.Sc. VI Semester</b>	76.70	148	58.70	25.00	163	48.37	85.71	153	61.93	52.63	185	43.44
<b>B.Com. I Semester</b>	97.00	144	56.55	42.00	57	N.A.	54.87	114	34.27	61.35	120	37.05
<b>B.Com. II Semester</b>	95.00	142	57.60	53.09	55	40.96	59.66	110	N.A.	64.25	121	40.90
<b>B.Com. III Semester</b>	98.00	109	56.79	71.00	110	56.79	55.67	115	37.65	65.52	123	N.A
<b>B.Com. IV Semester</b>	97.00	108	56.00	88.28	87	69.56	52.09	104	46.38	76.03	111	39.93
<b>B.Com. V Semester</b>	73.04	98	62.64	77.00	110	67.55	84.12	149	71.32	56.98	110	43.98
<b>B.Com. VI Semester</b>	79.00	98	46.00	84.00	126	73.20	95.83	174	76.28	63.10	121	53.79

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
<b>B.A. I Semester</b>	21.42	9	30.19	17.74	10	22.54	8.28	10	22.54	14.77	13	29.16
<b>B.A. II Semester</b>	15.60	7	N.A	21.07	13	29.83	10.38	22	25.03	R/A	R/A	N.A
<b>B.A. III Semester</b>	44.0	8	N.A	23.41	10	N.A	15.89	9	21.40	15.89	9	21.40
<b>B.A. IV Semester</b>	45.0	8	N.A	23.39	8	38.48	22.57	29	26.13	26.37	30	29.07
<b>B.A. V Semester</b>	16.9	5	N.A	23.72	2	36.87	17.34	5	36.87	15.73	15	22.28
<b>B.A. VI Semester</b>	34.9	8	N.A	25.00	9	48.37	50.92	15	45.20	14.60	11	45.20
<b>B.A. Hons (Eco) I Sem</b>	74.60	-	75.00	37.50	1	N.A	73.68	10	N.A	100.00	8	N.A
<b>B.A.Hons (Eco) II Sem</b>	22.22	1	N.A	57.14	9	N.A	82.35	13	N.A.	R/A	R/A	N.A
<b>B.A.Hon.(Eco) III Sem</b>	23.07	-	58.00	Nil	Nil	N.A	60	54	N.A	R/A	R/A	N.A
<b>B.A.Hon.(Eco) IV Sem</b>	81.84	1	N.A.	33.33	-	N.A.	42.85	2	N.A.	R/A	R/A	N.A.
<b>B.A. Hon. (Eco) V Sem</b>	29.40	2	N.A	70.00	2	N.A	100.00	Nil	N.A.	64.28	1	N.A
<b>B.A.Hon.(Eco) VI Sem</b>	30.76	2	N.A	40.00	4	N.A	50.00	Nil	N.A	83.33	5	N.A
<b>B.A. Hons (Eng) I Sem</b>	53.28	2	57.00	43.75	3	N.A	45.45	8	N.A	21.73	7	N.A
<b>B.A.Hons (Eng) II Sem</b>	62.50	5	N.A	58.33	4	N.A	52.63	7	N.A	R/A	R/A	N.A
<b>B.A.Hon.(Eng) III Sem</b>	75.00	6	26.00	75.00	7	N.A	71.42	6	N.A	55.55	7	N.A
<b>B.A.Hon.(Eng) IV Sem</b>	85.71	3	N.A.	60.00	4	N.A.	57.14	3	N.A.	R/A	R/A	N.A.
<b>B.A.Hon. (Eng) V Sem</b>	70.00	3	N.A	100.00	4	N.A	80.00	7	N.A	92.30	5	N.A
<b>B.A.Hon.(Eng) VI Sem</b>	87.50	2	52.15	90.90	6	N.A	92.30	8	N.A	76.92	3	N.A

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
BCA I Semester	37.08	17	39.90	31.37	7	26.31	13.80	3	27.42	15.15	4	N.A
BCA II Semester	60.48	17	N.A.	44.44	14	33.02	0.08	5	N.A.	55.81	22	N.A
BCA III Semester	63.04	22	35.54	60.00	22	43.03	31.25	10	35.30	36.80	11	36.59
BCA IV Semester	88.17	36	N.A.	53.33	15	36.60	0.01	1	N.A.	15.38	8	39.23
BCA V Semester	78.04	31	N.A.	75.00	39	61.53	59.65	27	58.56	58.69	Nil	47.83
BCA VI Semester	91.72	31	69.57	92.85	39	72.01	78.57	35	70.44	54.34	17	44.77
M.A. Eng. I Semester	81.09	06	N.A	64.28	1	51.25	52.00	6	43.62	70.37	3	N.A
M.A. Eng. II Semester	82.00	06	N.A	61.53	2	50.48	75.00	6	44.08	52.00	4	N.A
M.A. Eng. III Sem.	84.03	02	N.A	77.77	3	60.02	58.00	1	53.37	69.56	14	N.A
M.A. Eng. IV Semester	89.7	02	61.04	68.57	2	64.05	60.00	2	43.70	56.52	8	N.A
M.A. Hindi I Semester	93.00	02	79.02	69.23	2	72.45	57.14	3	89.28	77.27	5	73.01
M.A. Hindi II Sem.	94.00	02	N.A	83.33	8	84.02	75.00	3	64.70	84.00	5	83.89
M.A. Hindi III Sem.	85.02	07	82.09	100.00	20	88.00	98.18	6	89.28	75.00	3	63.08
M.A. Hindi IV Sem.	88.00	07	61.04	100.00	20	N.A	69.23	6	87.57	100.00	4	86.70
M.A. Pol. Sc. I Sem.	83.09	04	41.91	76.19	4	36.6	71.42	5	N.A.	60.00	12	N.A
M.A. Pol. Sc. II Sem.	85.2	04	73.55	73.68	2	69.55	42.85	3	N.A.	77.77	17	N.A
M.A. Pol. Sc. III Sem.	72.09	11	79.21	68.57	2	55.71	72.22	5	N.A.	40.00	5	N.A
M.A. Pol. Sc. IV Sem.	91.1	15	61.04	77.41	5	65.32	58.82	4	N.A.	85.71	10	N.A

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
M.A. Eco. I Sem.	78.09	08	44.04	54.54	6	N.A	85.00	12	42.06	14.28	2	35.51
M.A. Eco. II Sem.	89.4	10	N.A	100.00	5	50.16	70.00	14	49.14	35.71	5	32.01
M.A. Eco. III Sem.	N.A.	N.A.	N.A.	87.50	10	N.A.	91.43	-	63.28	33.33	4	N.A.
M.A. Eco. IV Sem.	N.A.	N.A.	N.A.	83.33	8	N.A.	0.00	0	N.A.	94.44	15	62.30
M.Com. I Sem.	70.6	28	N.A.	89.55	25	59.09	83.01	26	N.A.	94.43	42	N.A.
M.Com. II Sem.	97.04	27	N.A.	71.00	26	83.33	80.76	33	N.A.	N.A.	N.A.	N.A.
M.Com. III Sem.	92.5	41	N.A.	96.00	43	78.18	96.07	44	N.A.	54.90	27	N.A.
M.Com. IV Sem.	95.0	41	N.A.	94.64	46	77.12	86.53	39	N.A.	95.83	43	N.A.
M.Sc. Chem. I Sem.	89.6	02	94.27	76.47	15	68.07	79.48	23	N.A	61.90	24	N.A.
M.Sc. Chem. II Sem.	58.33	18	92.42	86.84	32	73.90	86.84	32	N.A	71.42	30	N.A.
M.Sc. Chem. III Sem.	90.0	09	N.A	44.44	15	N.A	58.33	15	81.52	40.00	12	N.A.
M.Sc. Chem. IV Sem.	94.0	09	N.A	69.44	24	77.56	71.92	29	N.A.	55.00	22	N.A.
M.Sc. Forensic Science I Sem.	-	-	-	-	-	-	-	-	-	80.00	11	N.A.
M.Sc. Forensic Science II Sem.	-	-	-	-	-	-	-	-	-	R/A	R/A	N.A.

\* N.A. = Not available \* R/A = Result awaited



In addition to that our students bag high merit positions in different classes in the University examination.

<b>Sr. No.</b>	<b>Session</b>	<b>Name of the Course</b>	<b>No. of Merits in the University</b>	<b>Total Number of Merits</b>
1	2012-13	B.Sc. B.Com. M.A. English II Sem M.A. English III Sem M.A. English IV Sem M.A. Economics II Sem M.Com.	2 7 1 2 1 4 2	19
2	2013-14	B.Sc. B.Com. M.A. English II Sem M.A. English IV Sem M.A. Economics I Sem M.A. Hindi III Sem. M.A. Economics IV Sem	4 6 1 1 1 1 2	16
3	2014-15	B.Sc. B.Com. M.A. English IV Sem	3 3 1	07
4	2015-16	B.Sc. B.Com. M.A. English III Sem M.A. English IV Sem M.A.Economics II Sem M.A.Economics IV Sem M.Com.	3 4 6 3 2 2 2	22

### **2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?**

#### **Teaching Strategies**

- Syllabus is divided into parts month-wise.
- Students are asked to meet the teacher concerned regularly and solve their problems.
- Topics difficult for understanding are repeated; the teacher clears doubts immediately.
- Towards the end of each lecture, interaction/question-answer session is held with the students to get their feedback.
- Models, charts, equipments/apparatus and specimens are used to supplement the lecture method.

#### **Learning Strategies**

To facilitate the achievement of the intended learning outcomes the following facilities are provided to the students:

- Well-equipped laboratories.

- Well-equipped library.
- Audio-visual equipment.
- Class tests, written assignments, oral tests, group discussions and interactive sessions.

#### **Assessment Strategies**

A criterion for assessment is predetermined by the Kurukshetra University, Kurukshetra and we strictly follow this criterion in toto. As per the directive of the University, the assessment marks are given to the students according to the following criterion:

Assignments	10%
Sessional/Unit Tests	5%
Attendance	5%

The students are informed about this criterion in the beginning of the session. All the teachers follow this criterion strictly and the assessment marks are displayed on the notice boards.

#### **2.6.4 What are the measures /initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?**

- To provide quality jobs to the students, the Placement and Employment Cell of the college trains the students to suit the various needs of the industry, face the interviews and gives handy tips to the students to face the group discussions and invites various organisations for campus recruitments.
- The institute has signed “MoU” with Global Talent Track Private Limited, Pune for training students under Concentrix Employability Programme.
- Our college is approved assessment centre under National Skill Development Council (NSDC) with Centre I.D. 90792.
- The college organizes industrial visits and interactive talks delivered by industrial executives to instil entrepreneurship amongst students.
- The college organizes extension lectures by inviting experts from education sector and industry to enhance the social and industry relevance.

#### **2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?**

The college office compiles the results of the various class tests and final examinations. These results are evaluated and analyzed in the meetings of Advisory Council, IQAC and Governing Body. The faculty with good results is complimented whereas those with lower results are motivated to improve.

**2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?**

The college monitors and ensures the achievement of learning outcomes through the recommendations of the different departmental committees, IQAC, Academic Council which ensure the achievement of learning outcomes by:

- Finding out slow and advance learners and making policies to improve their learning outcomes.
- Conducting house tests.
- Conducting class tests.
- Holding class discussions.
- Organizing seminars.
- Taking remedial classes.
- Laying stress on written assignments.
- Taking feedback from alumni.

**2.6.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.**

Yes, the use of assessment/evaluation is one of the most important indicator for evaluating student performance, achievement of learning objectives and planning. As per the university rules the internal assessment for students has been fixed for 20%. This is mainly based on three aspects: assignments, class tests and attendance. The faculty evaluates the assignments and class tests and provides marks according to the performance of the students. The record of attendance is also maintained to give them marks accordingly.

The other indicators are that our students get good merit positions in the University examinations and are well placed in different spheres of life.

## CRITERION III

### RESEARCH, CONSULTANCY AND EXTENSION

#### **3.1 Promotion of Research**

##### **3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?**

The faculty members of the college are actively engaged in research work as the college provides them the required infrastructure and library facilities. The college has always been a promoter of research and development whether it is in the field of humanities or science or commerce.

Faculty members are encouraged to submit their research proposals to various govt. agencies like UGC, CSIR, DST etc. These agencies have sanctioned research projects and allocated funds to establish the required facilities from time to time.

A considerable number of faculty members are guiding/ have guided M.Phil. and Ph.D. students registered with different institutions/ Universities.

As such the college has no recognized research centre of the affiliating university, however, the college has purchased the following analytical and characterization instruments in order to inculcate research interest among its faculty and students:

- F.T.I.R. (Alpha Brooker)
- H.P.L.C.
- P.C.R.
- Atomic Absorption Spectrophotometer
- UV Spectrophotometer
- Flame Photometer
- Ionizer
- Polarimeter
- Laminar Flow
- BOD Incubator
- Cold Centrifuge
- Microscopes fitted with digital camera and attached to computers
- Video Camera
- Binoculars
- Autoclave
- Deep Freezer
- Photoelectric Effect Apparatus
- Universal Interferometer with Feby-Perot etc.
- Hall Effect Setup
- Michelson Interferometer
- Magneto-resistance Setup
- Dielectric Constant Setup
- He Ne Lasers
- C.R.O. Dual Trace

- Digital Multimeters
- Energy Band Gap Apparatus by Four Probe Method
- Digital Balance
- On Line UPS 10 KVA
- G.M. Counter
- Turbidity Meter
- Conductometer Bridge
- Calorimeter
- Potentiometer
- Comparison Microscope

**3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.**

Yes, the college has a research committee consisting of the following members:

- i. Dr. Chander Kanta, Incharge
- ii. Dr. Neena Arora
- iii. Dr. Kushal Pal
- iv. Dr. Randhir Singh
- v. Dr. Mukta Jain
- vi. Mrs. Rajni Seth
- vii. Dr. Mahavir Parsad
- viii. Dr. Ritu Sharma (Eco.)
- ix. Dr. Ravi Kumar

- The research committee encourages and supervises the research activities going on in the college. It promotes research interest among the faculty members and the students by removing the hurdles faced by them.
- It elaborates and familiarizes the faculty members with the government policies regarding teacher fellowship, overseas travel grant and publication of the Ph.D./M.Phil. dissertations.
- It encourages the faculty members to acquire higher research degrees like Ph.D. and Post Doctorate Programme.
- It ensures the procurement of research journals and periodicals in the college library to help the research aspirants.
- It ensures the sanction of study leave for advance study as per Haryana government/University/UGC rules.
- Teaching staff is encouraged to attend the summer research programmes organized by various prestigious institutes like Indian Academy of Science, National Science Academy, Indian National Science Academy and Indian Council for Social Sciences and Research.

**Recommendations of the Research Committee**

In order to strengthen the research culture in the college, the research committee recommended to promote the faculty members to submit research projects in order to get financial assistance from govt. agencies like UGC, DST, ICAR, CSIR, ICSSR and DHE Haryana.

It also recommended and ensured the sanction of study leave for advance study, research training like Ph.D. and Post Doctorate as per Haryana government/University/UGC rules.

#### **Outcomes**

- Four (4) Major Research Projects and Seven (7) Minor Research Projects have been sanctioned by the Department of Science and Technology (DST), Government of India and University Grants Commission (UGC), New Delhi.
- The Departments of Chemistry and Political Science have been sanctioned the grants worth Rs. 9 lakhs and 5 lakhs respectively for PG assistance. The college has purchased the sophisticated instruments/equipments like, FTIR (Bruker), Atomic Absorption Spectrophotometer (single beam), UV-Visible Spectrophotometer, Ionizer, PCR Machine, HPLC, Polarimeter, Comparison Microscope and Laminar Flow Chamber etc.
- The college has been sanctioned a grant of Rs. 49.50 lakhs under FIST programme of Department of Science and Technology (DST).
- The college has also attracted funds from various funding agencies like UGC, ICSSR and Higher Education Department - Govt. of Haryana etc. to organize international/ national conferences. These conferences have paved the way for national/international collaborations in research.
- As many as 10 faculty members have obtained the coveted Ph.D. degree after accreditation and 4 are registered for the doctoral programme.
- As many as 16 faculty members from the departments of Chemistry, Zoology, Hindi, English, History and Political Science are guiding research.
- Two faculty members have been sanctioned teacher fellowship under faculty improvement programme of UGC.
  1. Dr. Vishakha Gupta: Teacher fellowship to pursue Doctoral Studies at K.U. Kurukshetra.
  2. Dr. Mahavir Parshad: Teacher Fellowship to pursue Doctoral Studies at G.J.U., Hisar.
- One faculty member Dr Ravi Kumar has availed Post Doctoral Fellowship at Cardiff University, U.K. from 17.06.2014 to 29.05.2016.

#### **3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?**

- \* **autonomy to the principal investigator**
- \* **timely availability or release of resources**
- \* **adequate infrastructure and human resources**
- \* **time-off, reduced teaching load, special leave etc. to teachers**
- \* **support in terms of technology and information needs**
- \* **facilitate timely auditing and submission of utilization certificate to the funding authorities**
- \* **any other**

- To implement research schemes/ projects, college provides study leave/ academic leave/ duty leave and financial support to attend short courses, seminars and workshops.
- The college provides a conducive atmosphere to the researchers. Funds received from various agencies are released to the Principal Investigator as soon as they are received.
- The college provides complete autonomy to the Principal Investigator to utilize the funds as per rules of funding agencies.
- In order to facilitate smooth research, the college provides adequate infrastructure, desktop/laptop, uninterrupted power supply and internet facility.
- Faculty members, who are actively engaged in research work or are pursuing doctoral or post doctoral degrees, are given flexibility in the time table so as to carry out data collection, data analysis and experimental research or to use library facility.
- The college updates its library as per the requirement of the researchers. Adequate number of journals, books and periodicals are added in college library every year.
- A platform for interaction with intellectuals and industry is provided by the college.
- The Principal and research committee of the college encourage the faculty to apply for research projects in staff meetings.

#### **3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?**

- The college keeps track of its alumni engaged in research and requests them to visit the college time to time to motivate the students.
- Students are encouraged to present seminars on different topics related to their subjects.
- Subject societies also organise power point presentation competitions regarding the current research/developments.
- The faculty members also associate the students with their research projects in collecting the field data and literature survey.
- Conferences/seminars are organized to provide the latest knowledge regarding research.
- Wide participation of students in national and international conferences encourages them to gain knowledge and hence increase their interest in the field of research.
- Guest lectures by eminent scientists of national/international repute are organized to facilitate interaction with young minds.
- Experts from industry and corporate sector are also invited to deliver talks on the important issues of current relevance.
- Educational tours are organized by subject societies to visit historical places, museums, planetarium, research and development

sectors of the various multinational companies and national research laboratories.

- At post graduate level (M.Sc., M.Com. and M.A.) the students are trained for developing research acumen.

**3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/ collaborative research activity, etc.**

Our faculty members are involved in active research. Many of our members are supervising Ph.D. and M.Phil students.

- **Ph.D Guided : 25**
- **M.Phil. Guided : 109**

**The details have been given in the Evaluative Reports of the respective departments.**

Our 10 faculty members have completed their Ph.D. during the last four years and presently 4 are pursuing.

**Following are the faculty members who have been sanctioned research projects:**

- Dr. Ravi Kumar, Dr. Kushal Pal and Dr. Chander Shekhar have completed and /or are working on Major Projects.
- Dr. Rakesh Kumar Bhardwaj, Dr.V K Goyal, Dr. Basant Kumar, Dr. Chander Shekhar, Dr. Kushal Pal, Ms. Rajni Seth, Dr.Vishakha Gupta, Dr. Ritu Sharma, Dr. Mahavir Prasad have completed Minor Research Projects.

**3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted /organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.**

The college organized a number of seminars/ conferences and workshops. The details are as followed:

S. N.	Year	Subject	Topic	Status
1.	2007	Political Science and History	End of History : Myth or Reality	National
2.	2008	Biotechnology, Botany and Zoology	Role of Biotechnology in Environmental Management	National
3.	2009	Higher Education	The Changing Scene of Higher Education and the Role of Teacher	State
4.	2010	Political Science and History	An Ideological Evolution of Bhagat Singh	National
5.	2010	Commerce	Emerging Issues in Commerce and Management	National



6.	2010	Political Science	Democracy, Federalism and Peace	International
7.	2010	Sanskrit	Avashyamev bhoktavyam kritam karam shubha shubham	National
8.	2011	Political Science and History	Promotion of Ethics and Human Values	National
9.	2011	English	Commitment in Post-colonial Literature and Theory	National
10.	2011	Hindi	हिन्दी साहित्य का इतिहास : मूल्यांकन और पुनर्लेखन	National
11.	2012	Zoology, Botany & Biotechnology	Study of Biodiversity in Today's Perspective	National
12.	2012	Physics	Recent Advances in Material Science	National
13.	2012	Political Science	Politics of Lokpal	National
14.	2012	Political Science	Workshop on Review of Research Methods in Political Science	National
15.	2012	Political Science	Workshop on Use of Quantitative Methods in Political Science	National
16.	2014	English	Historical Novel from Khushwant Singh to Amitav Ghosh	National
17.	2016	Political Science	Understanding Bharat Ratna Dr B.R. Ambedkar	National
18.	2017	Hindi	विश्व पटल पर हिन्दी : विस्तार एवं संभावनाएं	International

### 3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The prioritized research areas and the expertise available with the institution are:

- Survey Research in Political Science
- Environment and Wild Life
- Hindi Sahitya
- English Literature
- Organic Chemistry (Synthesis of Heterocyclic Compounds)
- Bioinformatics
- Software Development
- Accounts, Finance and Taxation
- Material Science

The college promotes the latest research ideas and faculty members

are engaged in active research work.

To provide expertise to industry, the college is steadily working in the direction of acquiring more skill and facilities.

### 3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Whenever college organizes seminars/ workshops/ conferences, foremost efforts are made to invite eminent researchers to deliver talks and to interact with faculty and students.

Subject societies also invite subject experts from various research organizations and university departments to deliver the guest lectures from time to time.

#### LIST OF THE PROMINENT PERSONS WHO VISITED THE COLLEGE

Sh. R.C. Sharma, IPS (Retd.)	Former Director, CBI and President, Dyal Singh College Trust Society
Sh. D. K. Raina	Honorary Secretary, Dyal Singh College Trust Society, Karnal
Sh. Arvind Kaul, IAS (Retd.)	Former Chief Secretary, HP Govt. and Chairman H.P.P.S.C. and Trustee, Dyal Singh College Trust Society, Karnal.
Dr. K.L. Johar	Ex. Vice Chancellor, GJUST, Hisar
Prof. R.N. Paul	Ex-Pro V.C, Punjabi University, Patiala
Sh. J.S. Kaliaana, Principal (Retd.)	Member Governing Body, Dyal Singh College, Karnal
Dr. Ramji Lal Principal (Retd.)	Member, Governing Body, Dyal Singh College, Karnal
Lt. Gen. Dr. D.D.S Sandhu, PVSM, ADC (Retd.)	Former Vice Chancellor, K.U. Kurukshetra
Dr. Bhim S. Dahiya	Ex-Chairperson, Dept. Of English and Ex-VC, K.U. Kurukshetra
Dr. R.S. Sharma	Former Vice Chancellor, CDLU, Sirsa
Sh. R.P. Fuliya, IAS	Financial Commissioner, Principal Secretary, Haryana
Dr. Arvind Sharma	Former Member of Parliament
Sh. Harminder Singh Chattha	Former Speaker, Haryana Vidhan Sabha
Dr. Attahiru Zega	VC, Bayro Kano University, Nigeria
Dr. Kamarujan Yusouf	National University, Malasiya
Dr. Swarut Aree	Dy. Director, Muslim Studies Centre, Chulalongkom University, Thailand
Prof. Heidki Haarda	Professor, Tohoku University, Japan
Prof. Emre Toth	University of Debrecen, Hungary
Dr. Zsolt Banyai	University of Debrecen, Hungary
Dr. Harish Khare	Editor-in-Chief, The Tribune
Dr. Gurbachan Singh	Chairman, Agricultural Scientist Recruitment Board, New Delhi

Prof. R. K. Sharma	Dean of Colleges, K.U. Kurukshetra
Prof. G. Wankhede	Dept. of Zoology, Amrawati University, Amrawati
Prof. S. Sahi	Dept. of Zoology, Jammu University
Dr. R. Sahai	Former Director, N.B.A.G.R., Karnal
Dr. Ashok Aggarwal	Professor, Department of Botany, K.U. Kurukshetra
Dr. Hawa Singh	Chairman, Dept. of Commerce, K.U. Kurukshetra
Dr. Girish Chopra	Dean Academic Affairs, K.U. Kurukshetra
Dr. M.S. Turan	Former Dean & Chairman School Of Business Studies, GJUST, Hisar
Dr. Sultan Singh	Dean of Academic Affairs, Chairmain Dept.of Business Administration, CDLU, Sirsa
Dr. Anil Mittal	Professor, Department of Management, K.U. Kurukshetra
Ms. Bulbul Sen	Chief Commisioner Income Tax, New Delhi.
Dr. G.S. Batra	School of Management Studies, Punjabi University, Patiala
Mr. Akhilesh Chandra	Regional Manager, ICFAI University
Ms. Kitty Mukherjee	Soft Skill Expert, ICFAI National College, Panipat
Mr. Balvir Singh	Commisioner Income Tax, Karnal
Mr. Anoop Patel	Business Development Manager, University of Central England, Birmingham
Dr. John V. George	Additinal DGP, Haryana Police
Dr. Paritosh	Dept. of Management, TMU, Moradabad
Dr.T.R.Kundu	Former Dean of Colleges, K.U. Kurukshetra
Dr. Hawa Singh	Chairman, Dept. of Commerce, K.U. Kurukshetra
Dr. R. Chhabra	Principal Scientist (Retd.) CSSRI, Karnal
Dr. A.K. Garg	Head, Dept. of Management, TMU, Moradabad
Sh. Rajinder Mittal	Branch Manager, SBOP, D.S.C. Branch, Karnal
Sh. A.K. Mittal	General Manager, BSNL, Karnal Division
Sh. S.J. Baraiya	SDM, LIC, Karnal Division
Dr. Y.P. Sharma	Principal, D.A.V.P.G. College, Karnal
Dr. Mahabir Narwal	Professor, Department of Commerce, Kurukshetra University, Kurukshetra
Dr R.K. Singla	Associate Professor (Retd.), Govt. P.G. College, Karnal
Dr. R. K. Chauhan	Professor, Department of Computer Science, KU Kurukshetra
Dr. Rakesh Kumar	Professor, Department of Computer Science, KU Kurukshetra
Dr. Rajender Nath	Professor, Department of Computer Science, KU Kurukshetra
Dr. Shuchita Upadhyaya	Professor, Department of Computer Science, KU Kurukshetra
Dr. Hawa Singh	Professor, Department of Computer Science, KU Kurukshetra
Dr. Neera Verma	Professor, Department of Economics, K.U. Kurukshetra

Dr. M.M.Goel	Professor, Department of Economics, K.U. Kurukshetra
Dr. V.N.Atri	Professor, Department of Economics, K.U. Kurukshetra
Dr. Ashok Chauhan	Associate Professor, Department of Economics, K.U. Kurukshetra
Dr. Hemlata Sharma	Assistant Professor, Department of Economics, K.U. Kurukshetra
Mr.Vikas Rana	Senior Faculty Member, MAIMT, Jagadhari
Dr.Anand Prakash	Ex-Professor of English, Hansraj College, Delhi
Dr. Shelly Walia	Ex-Chairperson Dept. of English PU, Chandigarh
Dr. Gulshan Kataria	Professor in English, Punjabi University, Patiala
Dr. Manjit Inder Singh	Professor in English, Punjabi University, Patiala
Dr. Tejinder Kaur	Professor in English, Punjabi University, Patiala
Dr. S. P. S. Dahiya	Professor in English, MDU, Rohtak
Dr. Surinder Sangwan	Professor in English, MDU, Rohtak
Dr. Dipti Dhimani	Professor in English, CDLU, Sirsa
Dr. R. S. Walia	Associate Professor in English, GNK College, Yamunanagar
Dr.Shashi Dhamija	Associate Professor in Hindi, Arya Girls College, Ambala Cantt
Dr. Namvar Singh	Retired Prof. In Hindi, JNU & then Chancellor, Mahatma Gandhi international University, Vardha
Sh. Sanjay Sahai	Film Maker
Dr. Anu Lather	Dept. of Management, I.P University, New Delhi
Dr. Rohtash Gupta	Dept. of Zoology, K.U. Kurukshetra
Dr. R. Sahai	Former Director NBAGR, Karnal
Dr. Rattan Tiwari	Principal Scientist Biotechnology, IIWBR, Karnal
Dr. B.S. Tyagi	Principal Scientist Genetics, IIWBR, Karnal
Dr. Rekha Sharma	Scientist DNA Fingerprinting NBAGR, Karnal
Dr. D.K. Sadana	Principal Scientist DNA Fingerprinting NBAGR, Karnal
Dr. S.K. Singla	Principal Scientist Biotechnology, NDRI, Karnal
Dr. S.C. Gupta	Scientist and Asstt. Director ICAR, Karnal
Dr. R.K. Pundir	Scientist Genetics, NBAGR, Karnal
Sh. Tirlok Bhardwaj	Scientist, NPL, Delhi
Dr. Omvir Singh	Associate Professor, Dept. of Geography, K.U. Kurukshetra
Dr. Manoj Mishra	Associate Professor, University College, K.U. Kurukshetra
Dr. Shantnu Patnaik	Associate Professor, Dept. of Geography, Rajiv Gandhi Central University, Itanagar
Dr. Ramesh S Hooda	Chief Scientist, Haryana Space Applications Centre, CCS Haryana Agricultural University Campus, Hisar
डॉ. हरमहेन्द्र सिंह बेदी	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, गुरु नानक देव विश्वविद्यालय, अमृतसर
डॉ. सरिता वाशिष्ठ	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कु.वि., कुरुक्षेत्र

डॉ.बाबू राम	प्रोफेसर हिंदी विभाग, कु.वि. कुरुक्षेत्र
डॉ.लालचंद्र गुप्त मंगल	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कु.वि., कुरुक्षेत्र
प्रो. स्वदेश दीपक	वरिष्ठ साहित्यकार
डॉ.जितेन्द्र अग्रवाल	प्राचार्य राजकीय कॉलेज, घरौंडा
डॉ.राममूर्ति शर्मा	प्राचार्य राजकीय कॉलेज, करनाल
श्रीमती डॉ.कमलेश मिश्रा	प्राचार्या, के.वी.ए.डी.ए.वी.गर्ल्स कॉलेज, करनाल
डॉ.मुक्ता	निदेशक, हरियाणा साहित्य अकादमी
पवन चौधरी मनमौजी	वरिष्ठ साहित्यकार
डॉ. सुभाष	प्रोफेसर हिंदी विभाग, कु.वि. कुरुक्षेत्र
डॉ. रणवीर सिंह	निदेशक, संस्कृत एवं विद्या संस्थान, कु.वि.कु.
डॉ. सुधीकान्त भारद्वाज	प्रोफेसर, एम. डि. यू. रोहतक
डॉ. श्रीमती प्रवीण सिंह लाठर	चिकित्सक, महावीर दल, अस्पताल, करनाल
प्रो. लक्ष्मीश्वर झा	प्रोफेसर, लालबहादुर शास्त्री विश्वविद्यालय, दिल्ली
डॉ. सुरेन्द्र कुमार	प्रोफेसर, महर्षिदयानन्द विश्वविद्यालय, रोहतक
श्री विनय कोहली	योगाचार्य, कर्ण योग एसोसियेशन, करनाल
मेजर अनिरुद्ध यादव	प्रोफेसर, सैन्य विज्ञान, राजकीय महाविद्यालय, रेवाड़ी
डॉ. रूबी जैन	प्रोफेसर, डी.ए.वी. महाविद्यालय होशियारपुर, पंजाब
डॉ. जितेन्द्र कुमार	प्रोफेसर, राजकीय महाविद्यालय इन्द्री, करनाल
डॉ. मदन लाल वर्मा	प्रोफेसर (सेवानिवृत्त), कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
Dr. R. K. Sharma	Department of History, K.U., Kurukshetra
Dr. G. Khurana	Department of History, K.U., Kurukshetra
Dr. K.L. Tuteja	Department of History, K.U., Kurukshetra
Dr. B.K. Kathil	Department of History, K.U., Kurukshetra
Dr. R.S. Sagawan	Department of History, K.U., Kurukshetra
Dr. Chattar Singh	Department of History, K.U., Kurukshetra
Dr. Tariq Islam	Department of Pol.Sc., AMU, Aligarh (U.P.)
Dr. Jagroop Shekhon	Dept .of Political Science, GNDU, Amritsar
Dr. Ranbir Singh	Dept. of Political Science, K.U. Kurukshetra
Dr. Anwar Alam	Dept. of Political Science , JMI, New Delhi
Dr. V.Ishwar Anand	Assistant Editor, The Tribune, Chandigarh
Dr. V.K. Malhotra	Principal, M.N. College, Shahabad Markanda
Dr. Hukum Singh	Controller of Examination, K. U., Kurukshetra
Sh. Sanjay Kumar	Deputy Director, Lokniti, CSDS, New Dehli
Dr. Rajesh Jha	Dept. of Pol.Sc., Rajdhani College, New Delhi
Sh. Abhey Sandhu	Nephew of Bhagat Singh
Dr. Leela Yadav	Dept.of Political Science, K.U. Kurukshetra
Dr. Saroj Malik	Dept. of Political Science, K.U. Kurukshetra
Dr. R. S. Yadav	Dept. of Political Science, K.U. Kurukshetra
Dr. M.M. Juneja	Eminent Scholar on Bhagat Singh
Dr. M.S. Warraich	Eminent Scholar on Bhagat Singh
Sh. R.K. Singh, HCS	SDM, Assandh, Karnal
Dr. Anil Dutt Mishra	Deputy Director, National Museum, New Dehli
Dr. Suparn Sharma	School of Business Economics, SMVD University, Katra
Dr. J.N. Sharma	Department of Gandhian Studies, Punjab University, Chandigarh

Dr. S.K. Chahal	Department of History, K.U. Kurukshetra
Dr. M. Rajiv Lochan	Department of History, Punjab University Chandigarh
Dr. L.R. Vermani	Prof. (Retd.), Department of Mathematics, K.U. Kurukshetra
Dr. Ram Karan	Professor, Department of Mathematics, K.U. Kurukshetra
Dr. Dinesh Kumar	Professor, Department of Mathematics, K.U. Kurukshetra
Dr. S.L. Saini	Associate Professor (Retd.) M.L.N. College, Yamuna Nagar
Dr. Sanjay Panwar	Astt Prof. Deptt. of Physics, MMU Mullana
Prof.Dinesh Aggarwal	Vice Chancellor, YMCA University, Faridabad
Dr. Neena Jaggi	Associate Prof., NIT, Kurukshetra
Dr. Shyam Kumar	Prof. Department of Physics K.U. Kurukshetra
Dr. H.S. Bhatti	Chairman Panjabi University, Patiala
Dr. Nafe Singh	Prof. Department of Physics K.U. Kurukshetra
Dr.Tariq Islam	Professor, Department of Philosophy, AMU, Aligarh, Uttar Pradesh
Dr. Arshi Khan	Department of Pol.Sc., AMU, Aligarh (U.P.)
Dr. Afrina Rizvi	Department of Mass Comm., AMU, Aligarh (U.P.)
Dr. Upendra Choudhuary	Department of Pol.Sc., AMU, Aligarh (U.P.)
Sh. V Kamraj IPS	ADGP, Haryana Police
Dr. George Mathew	Chairman, Indian Institute of Social Sciences, New Delhi.
Prof. J.N Sharma	Professor, Gandhian Studies Punjab University, Chandigarh
Dr.Mandana Trishyar	Assistant Professor, School of Law, Tehran University Tehran, Iran
Dr. P.D. Sharma	Dept. of Political Science, K.U., Kurukshetra
Dr. Jagroop Shekhon	Professor, Department of Political Science, GND University, Amritsar (Punjab)
Prof. Ranbir Singh	Dept. of Political Science, K.U., Kurukshetra
Prof. Anwar Alam	Director, Centre For West Asian Studies, JMI, University, New Delhi
Prof. V.Ishwar Anand	Asst. Editor, The Tribune, Chandigarh
Sh. O.P. Bhora	Economist, National Institute of Public Finance & Policy, New Delhi.
Mr. Parviz	Iranian Scholar
Sh. J.S. Alahawat	Deputy Commissioner, Karnal
Mr. Karim Tafazoli	Iranian Scholar
Sh. R.S. Doon.	Deputy Commissioner, Karnal
Sh. Rakesh Arya	Superintendent of Police, Karnal
Sh. Paramjeet Singh Sandhu	Social Activist, Chandigarh
Dr. Sanjeev K.Sharma	Professor, Department of Political Science, CCS University, Meerut, Uttar Pradesh

Prof. Ronki Ram	Department of Political Science, Punjab University, Chandigarh
Dr. V.K. Malhotra	Principal, MN College, Sahabad
Prof. S.K. Chahal	Department of History, K.U. Kurukshetra
Dr. D.K. Chaturvedi	Department of Physics, K.U. Kurukshetra
Dr. S.K. Chakarvarti	Manav Rachna University, Faridabad
Dr. R.K. Moudgil	Department of Physics, K.U. Kurukshetra
Dr. Sanjeev Aggarwal	Prof. in Department of Physics, K.U. Kurukshetra
Dr. M.V. Sharma	Scientist G, DRDO, New Delhi
Dr. Raman Seth	Scientist, NDRI, Karnal

**3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

There is no provision of sabbatical leave, but faculty is encouraged to carry out the research work alongwith their teaching work by extending the laboratory, library, internet and administrative facilities. Teachers desirous of pursuing doctoral programme are sanctioned leave for attending research programme under UGC schemes and summer research fellowship programmes of two months duration. Ms. Manishaa Sharma, Associate Professor in Geography was given half pay leave to pursue a diploma course in Geo Informatics at Indian Institute of Remote Sensing (IIRS), Dehradun for 6 months. The diploma was awarded by IIRS, Dehradun and ITC Netherlands. Dr. Rakesh Kumar Bhardwaj had availed duty leave for Indian Academy of Science, Bangalore Summer Research Fellowship 2003 and Indian National Science Academy visiting fellowship under International Collaboration/ Scientist Exchange programme for Hungary in 2007. The teachers involved in part-time research are given special consideration. Moreover, for workshops and conferences, duty leave and financial support is provided. 100 percent of the faculty is given duty leave to participate in the seminars and conferences in India and abroad.

**3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)**

**Environment**

Water is an environmental, social and economic asset that needs to be managed with the objective of conserving a common patrimony in the interest of the community at large. The sewage treatment technologies have proven to be expensive, complex and have failed to treat to the total wastewater produced. The untreated/partially treated wastewater makes its way to the water body causing immense degradation of the ecosystem and the environmental health. Need is for sustainable wastewater treatment technologies - treat the sewage locally and also reuse/recycle. Substantial efforts are being made to document,

understand, and explain the science behind these issues all over the world. The DHS (Down-flow Hanging Sponge) Bio-Tower based on anammox process in combination with UASB (Upward flow Anaerobic Sludge Blanket) is one of the economically attractive method for sewage treatment and well suited for tropical and subtropical countries. The research project on aforesaid issue has been taken up by Dr. Rakesh Kumar Bhardwaj in collaboration with Prof Hideeki Harada, one of the eminent scholars of the Tohoku University, Japan. Two minor research projects under UGC scheme in the area of physiochemical and spectroscopic studies of binary liquid mixtures have also been successfully completed.

### **Political Science**

The Department of Political Science is involved in CSDS sponsored surveys conducted in Haryana. These surveys involve the P.G. as well as U.G. students of our college. These research efforts make the people aware of their rights and duties in Indian democracy. These surveys help in evaluation of the impact of policies of the Govt. for the welfare of masses. These also help in getting an understanding of the political attitude and perception of the people towards various welfare activities, social, economic and political issues.

### **Economics**

The research on Monetary Economics and the application of econometric techniques on time series data has facilitated an analysis of the impact of financial sector reforms on demand for money in India and also helped to explore the possibility of inflation targeting in India. The research also helped to measure the efficiency of Indian manufacturing sector.

### **Sanskrit**

Dr Basant Kumar, Associate Professor in Sanskrit has completed a UGC sponsored project on गौत्र पिण्ड आधारित वैदिक विवाह की वैज्ञानिकता. Through this project the genetic problems and diseases appearing due to the inbreeding and marriages in close relations have been highlighted. The significance of marriage based upon the 'goutra system' as a scientific system has been proved through this project.

### **Hindi**

The research has facilitated an understanding of changing patterns of human behavior in the changing socio-cultural set-up and brought out the role of education in shattering the patriarchal stereotypes and empowering women.

## **3.2 Resource Mobilization for Research**

### **3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.**

#### **Budget for Research and Development**

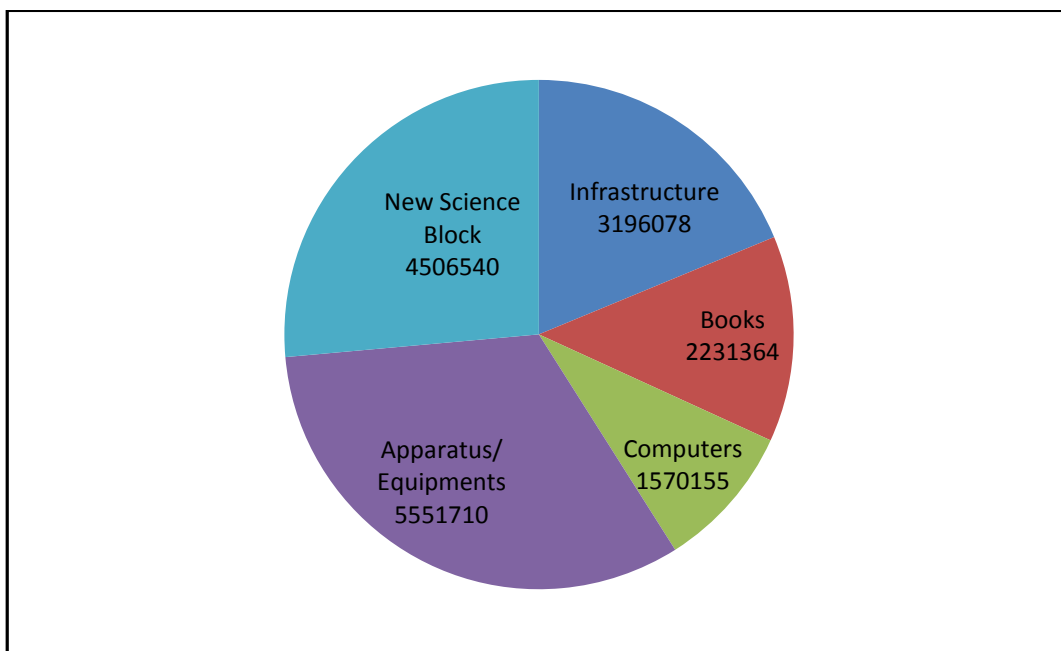
The college received substantial grant from UGC for research. Along with this the college too has allocated funds for Research and Development.



**Details of the Budget Provision allocated during the last four years and current year**

S. N.	Facilities	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
a	Infrastructure	561127	283267	529480	322204	1500000	<b>3196078</b>
b	Books	292136	490918	509803	588507	350000	<b>2231364</b>
c	Computers	215100	75900	419805	59350	800000	<b>1570155</b>
d	Apparatus/Equipments	2052752	109817	187214	501927	2700000	<b>5551710</b>
e	New Science Block	4506540	-	-	-	-	<b>4506540</b>
						<b>G.Total</b>	<b>17055847</b>

72.67% of the total budget is used to provide facilities for research to the students as well as to the teachers.



**Major Expenditure Done in the Last Four Years for Research & Development**

**3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?**

The college has Post Graduation in seven (07) subjects. Out of the total grant sanctioned for M.Sc. Forensic Science (5 year integrated programme) Rs. 50,000/- are earmarked for seminar only to inculcate the scientific temper among the PG students. 72.67% of the total budget is used to provide facilities for research to the students as well as to the teachers. The faculty is provided duty leave, T.A and registration fees to attend the seminars/conferences/workshops.

The departments of Chemistry and Political Science have been sanctioned the grants worth Rs 9 lakhs and 5 lakhs respectively during

the 11<sup>th</sup> plan of UGC for PG assistance. The grant has been utilized to increase the equipment and other tools of learning in the departments which in turn has increased facilities to do research. Presently under the FIST programme of Department of Science and Technology (DST) the college has been sanctioned a grant of Rs. 49.50 lakhs.

### **3.2.3 What are the financial provisions made available to support student research projects by students?**

- Development of infrastructure.
- College purchases all the latest instrumentation required for students' projects.
- Internet facility is made available in the college laboratories.
- The campus is fully Wi-Fi and the students and faculty members can download the articles of their interest to clarify their doubts.
- The library is equipped with UGC N-link which provides access to 97300 e-books and 5902 e-journals of different disciplines.
- The students of the subject of Biotechnology in their 6<sup>th</sup> semester undertake a project. They perform the practical work and submit a report, for which the college provides them the necessary infrastructure, equipment and chemicals.
- The students of Political Science visit the Parliament House at New Delhi to witness the parliament session. This is a regular feature and such visits are arranged every year.
- The students of the subject Zoology visit fish farm every year to have practical knowledge of various aspects of fish farming and submit a report which is evaluated in the University examination.
- The B.Sc. students of medical stream visit various areas, parks, sanctuaries, hills to have in vivo knowledge of flora and fauna of different terrains.
- All the students of B.Com. (Vocational) 3<sup>rd</sup> and 5<sup>th</sup> semester in subjects of Insurance and Taxation submit project reports.
- All the students of B.A, B.Sc., B.Com. and B.C.A. of 1<sup>st</sup> and 2<sup>nd</sup> semesters submit the project report or case studies on Environmental issues.
- All the students of B.Sc. (Electronics) make a project, which is compulsory part of their practicals.
- Department of Higher Education every year provides grant amounting Rs. 44,000/- for making models for Science exhibition in the subjects of Physics, Chemistry, Zoology, Botany, Computer Science and Geography.
- Our models have got first and second positions in the State Level Science Exhibition.

**3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

Aligning with the present trend of interdisciplinary approach in higher education various departments of the institute interact and undertake interdisciplinary research. Integrated approach in research paves a way for sustainable solution to solve the chosen research problem. So various statistical techniques and simulators are used to handle the data for decision making in chosen research problems of various disciplines/subjects, like Economics, and Chemistry etc. In some of the areas like water treatment, GIS and remote sensing, the aforesaid approaches are found to be very useful. A minor research project sanctioned to Dr Basant Kumar on 'गौत्र पिण्ड आधारित वैदिक विवाह की वैज्ञानिकता' is an interdisciplinary project handled by Dr Basant Kumar from Sanskrit and Dr V.K. Goyal from Genetics. The departments of Zoology, Botany and Biotechnology; and departments of History and Political Science; and department of Physics have organized interdisciplinary seminars. (the details are given in 3.1.6).

**3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?**

Apart from the equipments of the laboratories the research project equipments are shared with other user departments whenever required. After the completion of the project the equipments are transferred to the laboratories of the parent department for use by other teachers and students. Alongwith this

- Periodic updating and up gradation of the scientific equipment is made.
- Training is provided to laboratory attendants and students for the efficient handling of laboratory equipment in science departments.
- Need based repairs and maintenance of equipment are carried out by technical staff appointed by the college or by sending the equipment to the manufacturer.

**3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If yes, give details.**

College got financial help from many agencies like UGC, DST and ICSSR etc. The college received Rs. 40,36,250/- to hold international /national conferences, symposium, seminars/ conferences, workshops and research projects and Rs. 46,50,000/- for purchase of various equipments, like, UV-Visible spectrophotometer, FTIR, PCR, HPLC, Polarimeter, Atomic Absorption spectrophotometer etc. Presently under the FIST programme of Department of Science and Technology (DST) the college has been sanctioned a grant of Rs. 49.50 lakhs.

**3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organisations. Provide details of ongoing and completed projects and grants received during the last four years.**

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
<b>Minor projects</b>						
1	2006-08	Rehabilitation of Marsh Crocodile .... And Avian Fauna (Dr. Chander Shekhar - Zoology)	UGC	65,000	65,000	
2	2007-09	India in the Imagination of The Writers of Indian Diaspora (Dr. Ritu Sharma – English)	UGC	45,000	45,000	
3	2010-12	Effect of <i>Tribulus terresteris</i> on Dissolution of Calcium Phosphate (Dr V.K. Goyal – Genetics)	UGC	1,60,000	1,60,000	
4	2010-12	Synthesis and Charcterization of ZnO Nano Phosphors (Ms. Rajni Seth - Physics)	UGC	97,000	87,154	
5	2010-12	Wave Propagation in Porous Piezo-electric Material (Dr. Vishakha Gupta - Maths)	UGC	75,000	75,000	
6	2010-12	Synthesis, Spectial and Biological Studies of Pyrazole (Dr. Mahavir Parshad – Chemistry)	UGC	1,70,000	1,70,000	
7	2012-14	गौत्र पिण्ड आधारित वैदिक विवाह की वैज्ञानिकता (Dr. Basant Kumar - Sanskrit)	UGC	1,20,000	72,500	

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
<b>Major projects</b>						
1	2007-10	Unique Application of Hypervalente Iodine Reagents in Organic Synthesis (Dr. Ravi Kumar – Chemistry)	DST	5,22,000	5,22,000	
2	2012-14	Iodonium Ylides in Organic Synthesis (Dr. Ravi Kumar – Chemistry)	DST	13,17,000	13,17,000	
3	2009-13	Annual Survey on Various Issues of Political Science From 2009-13 (Dr. Kushal Pal – Political Science)	CSDS	3,50,000	3,50,000	
4	Since 2010	Petro count Project of South East Asia (Dr. Chander Shekhar – Zoology)	CCINSA /IUCN	-	-	
						<b>28,63,654</b>

### **3.3 Research Facilities**

#### **3.3.1 What are the research facilities available to the students and research scholars within the campus?**

The following major facilities have been developed and are available in the college to facilitate research

- Internet connectivity on the campus.
- Well equipped laboratories with sophisticated instruments like UV-Visible spectrophotometer, FT-IR (Bruker), HPLC, Polarimeter, Atomic Absorption spectrophotometer, PCR machine, Laminar flow chambers etc.
- Computers to all the departments.
- Well equipped central library.
- Well equipped modern laboratory.
- Seminar/ Conference Hall.
- Availability of services of National Library and Information Services Infrastructure for Scholarly Content with a facility of 97300 e-books and 5902 e-journals of different disciplines.

#### **3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?**

Recommendations are sought from the departments for the requirements for infrastructure for research. Specific user meetings are held through interaction with Heads of the departments and faculty members. The recommendations are forwarded to the relevant funding agency by preparing the proposals. Periodic updating and upgradation of the inventory of scientific equipment is made. The expertise of technical assistance and equipments are available to the broader research community, which includes industry, academia and private organizations.

#### **3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If yes, what are the instruments/ facilities created during the last four years.**

The college received grants from many agencies like UGC, DST and ICSSR etc. The college received Rs. 40,36,250/- to hold international /national conferences, symposium, seminars/ conferences, workshops and research projects and Rs. 46,50,000/- for purchase of various equipments, like, UV-Visible spectrophotometer, FTIR, PCR, HPLC, Polarimeter, Atomic Absorption spectrophotometer etc. Presently under the FIST programme of Department of Science and Technology (DST) the college has been sanctioned a grant of Rs. 49.50 lakhs. The college also received a grant of Rs. 36,10,000/- out of total sanction of Rs. 48,50,000/- from UGC for M.Sc. Forensic Science (Five years integrated course under Innovative Programme).

**3.3.4 What are the research facilities made available to the students and research scholars outside the campus/ other research laboratories?**

The students are sent to the laboratories of various institutes to explore the research oriented programmes. The institutes visited by the students of our college are:

- NDRI (National Dairy Research Institute), Karnal.
- IIWBR (Indian Institute of Wheat & Barley Research), Karnal.
- NBAGR (National Bureau of Animal Genetic Resources), Karnal.
- SFL (State Forensic Laboratory), Madhuban, Karnal.
- Civil Hospital Mortuary, Karnal.
- ICGEB (International Centre for Genetic Engineering & Biotechnology), New Delhi.
- NIPER (National Institute of Pharmaceutical Education and Research), Mohali.

**3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?**

The college library has registered UGC N-link under which the researchers are able to access approximately 97300 e-books and 5902 e-journals. Computers, internet facilities, accessibility to instruments etc. are also available for the researcher.

**3.3.6 What are the collaborative researches facilities developed / created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.**

The college faculty members have various linkages/ collaborations at national /international level such as Dr. Rakesh Kumar Bhardwaj has linkages with scientists at Hungary and Japan, Dr. V. K. Goyal and Dr. Chander Shekhar have links with NDRI, IIWBR, NBAGR, Karnal and State Forensic Laboratory, Madhuban etc. Our students undertake projects related to Biotechnology and Forensic Science at the institutes like NBAGR, IIWBR and FSL, Madhuban and State Crime Records Bureau Haryana, Madhuban.

**3.4 Research Publications and Awards**

**3.4.1 Highlight the major research achievements of the staff and students:**

- \* **Patents obtained and filed (process and product)** Nil
- \* **Original research contributing to product improvement** Nil
- \* **Research studies or surveys benefiting the community or improving the services**

Dr. Rakesh Kumar Bhardwaj, Dr. Basant Kumar, Dr. Chander Shekhar, Dr. Kushal Pal, Dr. Ritu Sharma, Dr. Anita Aggarwal and Dr.V.K. Goyal have worked on various projects and surveys involving local communities in their respective fields.

- \* **Research inputs contributing to new initiatives and social development**
  - The Department of Political Science is involved in CSDS sponsored surveys conducted in Haryana. These surveys involve

the P.G. as well as U.G. students of our college. These research efforts make the people aware of their rights and duties in Indian democracy. These surveys help in evaluation of the impact of policies of the Govt. for the welfare of masses. These also help in getting an understanding of the political attitude and perception of the people towards various welfare activities as well as social, economic and political issues.

- The projects of wild life contribute in creating environmental awareness.
- Dr Basant Kumar, Associate Professor in Sanskrit has completed a UGC sponsored project on 'गौत्र पिण्ड आधारित वैदिक विवाह की वैज्ञानिकता'. Through this project the genetic problems and diseases appearing due to the inbreeding and marriages in close relations have been highlighted. This project has proved the scientific approach towards the marriage based upon the 'Goutra System'.

**3.4.2 Does the Institute publish or partner in publication of research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?**

Till now, the college has no such publication. But is planning to start an International Interdisciplinary Research Journal.

**3.4.3 Give details of publications by the faculty and students:**

- \* **Publication per faculty**
- \* **Number of papers published by faculty and students in peer reviewed journals (national / international)**
  - **Papers Published : 396**
  - **Presented : 588**

**The details have been given in the Evaluative Reports of the respective departments.**

* Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	<b>159</b>
* Monographs	<b>Nil</b>
* Chapter in Books	<b>25</b>
* Books Edited	<b>05</b>
* Books with ISBN/ISSN numbers with details of publishers	<b>106</b>
* Citation Index	<b>55</b>
* SNIP	Nil
* SJR	Nil
* Impact factor	<b>240</b>
* h-index	Nil



#### 3.4.4 Provide details (if any) of

\* **Research awards received by the faculty**

\* **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**

##### **Dr. Rakesh Kumar Bhardwaj**

- Best Chemistry Teacher Awards 2011: Shortlisted among Top Ten Finalist for the Post Graduate Category by TATA Group in alliance with ACT on all India base. Tata Group in Association with Indian Association of Chemistry Teacher awarded the Certificate of Recognition for Popularizing Chemistry in India.
- INSA Fellowship: 2006-07 (Three months) Indian National Science Academy awarded visiting Fellowship under International Collaboration/ Scientist Exchange programme for Hungary.
- Member Higher Education Advisory Board, Haryana Since 2008.
- Coordinator Royal Australian Chemistry Quiz 2011 : Haryana State India since 2011.
- Fellow of the Indian Chemical Society (Fellowship No F/5437).
- Fellow of the Thermodynamic Association of India (Fellowship No. LM-14).

##### **Dr. Krishan Lal Gosain**

- Received appreciation letter from Professor Greame E. Murch and Professor Irina V. Belova, Professors of Materials Engineering, The University of New Castles, New South Wales, Australia.
- Three papers published in International Journal 'Defect and Diffusion Forum' are part of the British Library (Direct).
- Honoured by Manav Kalyan Mandal, Haryana on 21-02-2009.
- Honoured by Manav Kalyan Mandal, Haryana on 01-09-2010.

##### **Dr. Chander Shekhar**

- Received ASEA Excellence Award 2012 for outstanding performance and lasting contribution in the field of Environmental Education.

##### **Dr. Neena Arora**

- Honoured by Manav Kalyan Mandal, Haryana on 21-02-2009.

##### **डॉ. रणधीर सिंह**

- डॉ. रणधीर सिंह को काठमांडू में (8 जून से 11 जून 2013) 'हिंदी व वैश्विक परिदृश्य' विषय पर आयोजित अन्तरराष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

##### **Ms. Rajni Seth**

- Honoured by Manav Kalyan Mandal, 2008.

##### **Dr. Devinder Singh**

- Honoured by Manav Kalyan Mandal, 2008.

##### **Dr. Sarika Choudhury**

- Best Alumni Award by K.V.D.A.V College Karnal on July 21, 2013.
- Professor Samman Award by Manav Kalyan Mandal on September 5, 2013.

##### **Dr. Ritu Sharma**

- Honoured by Manav Kalyan Mandal, Haryana on 21-02-2009.

### **Dr. Ravi Kumar**

- INSA-Visiting Scientist Fellowship (Indian National Science Academy): Visited Dr. Arvind Kumar's Laboratory at Centre for Salt and Marine Chemicals Research Institute (CSMCRI-CSIR) Bhavnagar (Gujarat) for two weeks, 2012.
- British Commonwealth Academic Staff Fellowship (Commonwealth Scholarship Commission in UK (Association of Commonwealth Universities) 2012.
- 'Dr. Lata Memorial Young Scientist Award' by Multani Mal Modi College, Patiala, Punjab, 2009.

### **डॉ. जयकुमार**

- डॉ. जयकुमार को काठमांडू में (8 जून से 11 जून 2013) 'हिंदी व वैश्विक परिदृश्य' विषय पर आयोजित अन्तरराष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

#### **\* Incentives given to faculty for receiving state, national and international recognitions for research contributions.**

The college provides infrastructure, secretarial support and basic requirements necessary for undertaking research work. T.A./D.A. and academic leave for research activities are also given to the faculty.

### **3.5 Consultancy**

#### **3.5.1 Give details of the systems and strategies for establishing institute-industry interface?**

For the establishment of linkages with the industries, the Placement Cell of the college initiates the interface talks with the industry as well as training institutes. The institute has signed "MoU" with Global Talent Track Private Limited, Pune for training students under Concentrix Employability Programme. Our college is approved assessment centre under National Skill Development Council (NSDC) with Centre I.D. 90792. These help to enhance the technical and soft skills of the students to upgrade their employability skills. Moreover, the college has the NSS Soil Health and Care Unit under which camps are arranged to educate and test the composition of soils viz pH, nitrates, sulphates, phosphates etc. The unit also awakens the society, rural areas about the adulteration in food, milk and spices.

The visits are arranged to successful business houses to get insight into the actual functioning and working environment.

#### **3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?**

In the college, for the normal functioning various committees are constituted. The legal literacy cell, NSS, career guidance cell, women development centre and red ribbon club, research and new courses committee etc. organize various programmes to awaken the students and the society about their rights, to bring about awareness regarding the environmental pollution, extend the consultancy to the students in choosing their career and help the farmers in solving their problems related to agriculture and irrigation. The commerce department collaborates with ICAI for counseling and carrier guidance of students

to explore possibilities to do CA. The faculty members of the college are invited to deliver EDUSAT lectures by Department of Higher Education and talks on radio/TV programmes. Many of our faculty members are invited to deliver lectures as resource persons, to chair sessions in the seminars/conferences/workshops.

**3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?**

The college encourages the staff by providing duty leave and some financial support to organize the camps in local areas and permits them to participate in such relevant seminars and workshops. The staff members are the members of editorial board of various journals and many international and national societies/ associations. The staff is allowed to deliver extension lectures in various institutions, to deliver lectures in EDUSAT programme of Govt. of Haryana, act a resource person in various seminars/ conferences/ workshops of national/international level.

**3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.**

The college collaborates with ICAI as examination centre for ICAI Exams and income generated annually is around Rs. 3.25 lakhs. The college also extends the consultancy free of cost to the society. No such funds through the consultancy have been generated but a small grant is received for NSS, women cell, legal literacy cell and red ribbon club to meet the expenses for the aforesaid activities. The college provides consultancy to the students of distance education programme of Kurukshetra University, Kurukshetra.

**3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

The income generated through consultancy is used for payment of remuneration to the teachers and supporting staff. Rest of the income is used to generate more facilities for the students.

**3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1 How does the institution promote institution-neighborhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?**

Dyal Singh College is fully awakened to its onerous responsibility of producing world class citizens. We have made a colossal contribution to environment and society by making a worthwhile participation.

- Dewan Anand Kumar Memorial State Level Quiz and Chart and Poster making Competitions related to environmental issues are organized every year in the college to make the students and society aware of the environmental problems and hazards.

- International Youth Day is organized every year on 12<sup>th</sup> August to awaken the students about HIV/AIDS, organ donation, drug abuse etc. The trained students are supposed to communicate the message to the society.
- NSS and NCC units are involved in the social awareness programmes which are helpful to the students in working towards social justice for the underprivileged and vulnerable sections of society. (The details of the programs are given in 3.6.4).
- Our students also participate in 'Rahgiri' program of the District Administration.
- Rallies in collaboration with NGOs such as NACO are organized to awaken the society about the AIDS control, women rights, literacy, gender issues, environment, energy saving concepts, zero tolerance etc.
- In order to give a holistic development to the students they are involved in institution-neighbourhood community network programmes like first-aid, tree plantation, self-defense, awareness against female foeticide, legal literacy, blood donation, cleanliness drive etc.

### **3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?**

The college offers extension programmes in addition to those supported by the university. Students are encouraged to complete any one of these extension activities:

- University Programmes:
  - i. National Service Scheme (NSS).
  - ii. National Cadet Corps (NCC).
  - iii. Youth Red Cross (YRC).

Every year five students and one counsellor attend state level Youth Red Cross camp.

- College Programmes:
  - i. Environmental Awareness Programme (EAP).
  - ii. Gender Sensitization Programmes.
  - iii. Health and Hygiene Programmes.
  - iv. Cleanliness Drive
- Training Programmes for teachers and students are organized from time to time.
- Blood donation camp.
- Visit to Red Ribbon Express.
- Literacy camps in villages.
- Cleanliness drive camps in slum areas and adjoining villages.
- Free counseling camps in village and city schools.
- First-Aid training is given to the students of the college.

The Coordinators/incharges of various programs maintain a register for all the personal details of the participants and their activities throughout the session. The press cuttings, photographs and reports of the programmes are also documented.

### **3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?**

The stakeholders are always keen to see that quality of higher education improves in the institution.

- The comments of eminent educationists and prominent personalities are followed and implemented as, when and where required.
- Proper focus is laid to bring teaching and learning at par with any institution of National/ International repute.
- Regular meetings with IQAC, Advisory Council, Heads of the Departments and staff are held in order to update every member about the changes and developments in the college. After discussions the decisions are taken and implemented.
- Inter and Intra departmental meetings are a regular feature to monitor the progress of the students.
- The institute is in constant touch with its alumni.

### **3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.**

#### **Blood donation camp:**

Blood donation camp is organized every year on Founder's Day i.e on September 9. On an average 120 units of blood are donated by our students and staff members. Every year the number of volunteers to donate blood exceeds the arrangements of district arrangements to collect blood. Moreover, whenever the requirement of different blood groups is given by the CMO or other medical authorities, we arrange the donors for them.

#### **First Aid Training:**

The Red Cross Committee of our college organizes First Aid Training to the volunteers every year. In addition to that the college also organizes 8 days free professional First Aid Training by District First Aid Training Officer. These volunteers perform duty during the various functions organized by the District Administration.

#### **Road Safety Quiz:**

Under the Road Safety programme of Govt. of Haryana, the Road Safety Quiz are organized regularly to make the students aware about the different rules of traffic and keep themselves safe while driving/travelling on the road.

Extension Lectures on the topic like Female Foeticide, Women Empowerment, AIDS Awareness, Training of Self Defence to the Girls Students and Human Rights are regularly arranged.

**Budgetary details for last four year of NSS and Red Cross Society**

<b>S. N.</b>	<b>Session</b>	<b>Name of activity</b>	<b>Number of Participants</b>	<b>Budget spent</b>
1	2012-2013	1. Blood donation camp on Founder's Day & other activities	130	136253/-
		2. <u>N.S.S. Activities</u> <ul style="list-style-type: none"> <li>• Independence Day Camp</li> <li>• International Literacy Day</li> <li>• International Peace Day</li> <li>• N.S.S. Day</li> <li>• Seven-day Camp</li> <li>• Republic Day Camp</li> <li>• World Tuberculosis Day</li> </ul>	240	68924/-
2	2013-2014	1. Blood donation camp on Founder's Day & other activities	125	144297/-
		2. <u>N.S.S. Activities</u> <ul style="list-style-type: none"> <li>• Independence Day Camp</li> <li>• International Literacy Day</li> <li>• International Peace Day</li> <li>• N.S.S. Day</li> <li>• Seven-day Camp</li> <li>• Republic Day Camp</li> </ul>	182	67754/-
3	2014-2015	1. Blood donation camp on Founder's Day & other activities	140	171662/-
		2. <u>N.S.S. Activities</u> <ul style="list-style-type: none"> <li>• Independence Day Camp</li> <li>• Seven-day State Level Camp</li> <li>• N.S.S. Day</li> <li>• Ten-day Adventure Camp</li> <li>• SVEEP Programme</li> <li>• Rashtriya Ekta Divas</li> <li>• Swachhta Abhiyan</li> <li>• Seven-day Camp</li> <li>• Road Safety Week</li> <li>• Republic Day Camp</li> </ul>	350	106882/-
4	2015-2016	1. Blood donation camp on Founder's Day & other activities	150	148949/-
		2. <u>N.S.S. Activities</u> <ul style="list-style-type: none"> <li>• International Yoga Day</li> <li>• Independence Day Camp</li> <li>• International Youth Day</li> <li>• Swachhta Rally under Swachh Bharat Abhiyan</li> <li>• Rashtriya Ekta &amp; Sankalp Divas</li> <li>• Seven-day Camp</li> <li>• National Voters Day</li> <li>• N.S.S. Day</li> <li>• Republic Day Camp</li> </ul>	275	113583/-

**3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?**

To promote the participation of the students in extension activities like NSS, NCC, YRC etc. extension lectures and general awareness campaigns are organized in the college from time to time. The students are made aware of the benefits of such activities. The college has three NSS units and in NCC we have one Air Wing and one Army Wing which are continuously working for the promotion of such extension activities. The details of NSS activities are given in 3.6.4.

**N.S.S. Merit Certificates:**

2012-13	:	61
2013-14	:	33
2014-15	:	30
2015-16	:	44

**N.C.C. Activities:**

**N.C.C. Army Wing**

S N	Session	Number of cadets enrolled	Name of activity	Number of 'BEE' Certificate	Number of 'CEE' Certificate
1	2012-2013	106	<ul style="list-style-type: none"> <li>• 6 cadets attended CATC Camp (Kunjpura, Karnal)</li> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• 53 cadets attended CATC Camp (Ambala)</li> <li>• 22 cadets including 16 girl cadets attended CATC Camp (Ropar)</li> <li>• Republic Day Celebration</li> </ul>	33	13
2	2013-2014	91	<ul style="list-style-type: none"> <li>• 8 cadets attended CATC Camp (Ropar)</li> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• 16 cadets attended CATC Camp (Neval, Karnal)</li> <li>• Republic Day Celebration</li> </ul>	-	21
3	2014-2015	36	<ul style="list-style-type: none"> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• Rashtriya Ekta Divas</li> <li>• Swacch Bharat Abhiyan</li> <li>• 34 cadets including 18 girl cadets attended CATC Camp (Neval, Karnal)</li> <li>• Voter Day Celebration</li> <li>• Republic Day Celebration</li> </ul>	27	-

4	2015-2016	106	<ul style="list-style-type: none"> <li>• Independence Day Celebration</li> <li>• International Yoga Day</li> <li>• 6 cadets including 4 girls attended Pre-Thal Sena Camp at Trilokpur.</li> <li>• 21 cadets including 9 girls attended CATC Camp (Ropar)</li> <li>• 40 cadets participated in Rahgiri Campaign</li> <li>• 2 cadets attended Thal Sena Camp at Delhi</li> <li>• 25 cadets including 10 girls attended CATC camp at Kanipla (Kuruksheetra)</li> <li>• Blood Donation Camp</li> <li>• 9 cadets including 6 girl cadets attended National Integration Camp at EMEA College, Kondotty, Malapuram, Kerala</li> <li>• Army Day Celebration</li> <li>• Republic Day Celebration</li> </ul>	16	24
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#### **N.C.C. Air Wing**

S N	Session	Number of cadets enrolled	Name of activity	Number of 'BEE' Certificate	Number of 'CEE' Certificate
1	2012-2013	102	<ul style="list-style-type: none"> <li>• Participated in North Zone Shooting Championship at Ropar</li> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• Inter Zonal Championship at Ropar</li> <li>• 7 Cadets attended DCAT-I at Ambala Cantt.</li> <li>• 3 Cadets attended VSC at Bangalore</li> <li>• 5 Cadets attended CATC at Patiala.</li> <li>• Republic Day Celebration</li> <li>• Cadet Ravinder Rathi declared Best Cadet during ATC Camp at Sainik School, Kunjpura</li> </ul>	18	06
2	2013-2014	75	<ul style="list-style-type: none"> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• 1 cadet attended AFA camp</li> <li>• 2 cadets attended PVSC camp</li> <li>• 1 cadet attended RD Camp</li> <li>• 2 cadets attended NIC camp</li> <li>• Republic Day Celebration</li> </ul>	04	30



3	2014-2015	49	<ul style="list-style-type: none"> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• 4 cadets attended NIC camp</li> <li>• 1 cadet attended PVSC camp</li> <li>• 1 cadet attended VSC camp</li> <li>• 1 cadet attended RD camp</li> <li>• Republic Day Celebration</li> </ul>	10	-
4	2015-2016	34	<ul style="list-style-type: none"> <li>• Independence Day Celebration</li> <li>• Blood Donation Camp</li> <li>• Cadets attended Advance Leadership camp at Coimbtore</li> <li>• 1 cadet attended VSC camp at Jodhpur</li> <li>• 10 cadet attended PUSC camp at Ropar</li> <li>• 19 cadet attended CATC camp at Kanipla, Kurukshetra</li> <li>• Republic Day Celebration</li> </ul>	13	09

**3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?**

The extension work/activities organized by the college in NSS and NCC units and other social awareness programmes are helpful to students in working towards social justice for the underprivileged and vulnerable sections of society. (Details given in 3.6.4. and 3.6.5).

These activities inculcate a sense of responsibility among the students in general and involve the underprivileged and vulnerable sections in the main stream of the society. These activities instill the confidence among these students and motivate them to achieve in different fields of life.

**3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.**

By organizing the different extension activities as given in 3.6.4 and 3.6.5 by our institution, we help the young minds to undertake their duties towards the society. Our students earn recognition and respect in the general life by helping the people in their hour of need. This helps to inculcate the quality of being an enlightened citizen putting forth the efforts to uplift the society and helping the people in general to put their foot down against the social evils.

**3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?**

To ensure the involvement of the community in its reach out activities, the college takes the initiatives to address the problems through

socially relevant programmes like quiz on environment, blood donation camp, surveys on the blood groups of different communities by the students, organizing the plays on the burning topics like beti bachao beti padhao, dowry, adult education, the duties of public as voter in our democracy, road safety etc.

**3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.**

The NSS units of our college have adopted the village 'Uchana' and the college has developed a special relationship with the villagers and specially with the underprivileged and vulnerable sections of society by helping them to make aware of their rights, the special schemes introduced by Govt. for their welfare and to teach them how to live an environment friendly life. The college has constructive relationship with the district administration and different co-operative societies and organizes the different programmes like voter awareness, road safety and national programmes like Sadhbhavna Divas, Rashtirya Swachhta Abhiyan and National Integration Day.

**3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/ community development during the last four years.**

The extension activities of the college are appreciated by the residents of village Uchana. Our college is always preferred by the District Administration to organize different extension activities.

**3.7 Collaboration**

**3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.**

One of the test pilot projects, Downflow Hanging Spounge Biotower, in combination with UASB (upflow anaerobic sludge bed) that of one MLD capacity was under operation at Sewerage Treatment Plant Sector-4, UE, Karnal with the financial support of JBIC, Japan under Yamuna action plan. Our faculty and the students visit the plant to learn this sustainable technique for the developing countries.

The students also contact the laboratories of various institutes to explore the research oriented programmes. The institutes visited by the students of our college are:

- NDRI (National Dairy Research Institute), Karnal.
- IIWBR (Indian Institute of Wheat & Barley Research), Karnal.
- NBAGR (National Bureau of Animal Genetic Resources), Karnal.
- SFL (State Forensic Laboratory), Madhuban, Karnal.
- Civil Hospital Mortuary , Karnal.
- ICGEB (International Centre for Genetic Engineering & Biotechnology), New Delhi.

- NIPER (National Institute of Pharmaceutical Education and Research), Mohali.

The college faculty members have various linkages/ collaborations at national /international level such as Dr. Rakesh Kumar Bhardwaj has linkages with scientists at Hungary and Japan, Dr. V. K. Goyal and Dr. Chander Shekhar have links with NDRI, IIWBR, NBAGR, Karnal and State Forensic Laboratory, Madhuban etc. Our students undertake projects related to Biotechnology and Forensic Science at the institute NBAGR, IIWBR and FSL, Madhuban and State Crime Records Bureau Haryana, Madhuban.

**3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.**

- The institute has signed “Agreement of Co-operation” with two foreign institutes for the exposure of the faculty and students vis:
  - University of Debrecen, Hungary.
  - Tohoku University, Japan.
- The State Forensic Laboratory, Madhuban has agreed to have collaborative arrangement for the training of the students of M.Sc. Forensic Science.
- The institute has signed “MoU” with Global Talent Track Private Limited, Pune for training students under Concentrix Employability Programme.
- Our college is approved assessment centre under National Skill Development Council (NSDC) with Centre I.D. 90792.
- The Department of Zoology has collaborative arrangement with Sultan Fish Breeding Farm (A unit funded by ICAR, New Delhi) for imparting practical field knowledge to the students and the farm owner is benefited by the academic knowledge of the faculty.

**3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.**

- The college has an interaction with ICAI, New Delhi. Their representatives regularly visit our college to make our students aware regarding new developments in the field of accountancy and finance. They have established an examination centre in our college for the last 6 years.
- The institute has signed “MoU” with Global Talent Track Private Limited, Pune for training students under Concentrix Employability Programme.
- Our college is approved assessment centre under National Skill Development Council (NSDC) with Centre I.D. 90792.
- The students of M.Sc. Chemistry regularly visit Pharmaceutical industries, Biotechnology based units, Sugar mills, National

Fertilizer Limited and Oil Refinery at Panipat.

- Our students undertake projects related to Biotechnology and Forensic Science at the institute like NBAGR, IIWBR at Karnal and FSL, Madhuban and State Crime Records Bureau Haryana, Madhuban and the Scientists from these institutions also visit our college to throw light on the latest researches in their respective fields.

**3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.**

Exhaustive list of eminent scientists/ participants has been given in 3.1.8.

**3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated.**

The college is ever ready to collaborate with various bodies for the benefit of the beneficiaries such as institutions, students, faculty, local community and other stakeholders. It has established linkages which have enhanced and facilitated the establishment, creation and up-gradation of academic and infrastructure facilities of the institution in the following manner:

**a) Curriculum development/enrichment**

Through its collaboration with K.U.K., the faculty of the college is actively involved in framing and changing of the curriculum. Sh Raj Pal Singh, Dr. Sanjeev Sharma, Ms. Sarita and Dr. Kushal Pal are presently member of Under Graduate Board of Studies. Dr. Krishan Lal Gosain, Dr. Chander Kanta, Dr. Basant Kumar, Ms. Manishaa Sharma, Dr. Chander Shekhar, Sh. Sanjay Sharma, Dr. Ramesh Chander, Sh. Sushil Goel and Sh. S.L. Arora were members of U.G. Board of Studies in various sessions during the last five year. Dr. Chander Shekhar, Sh. Sanjay Sharma, Dr. Rajinder Kumar and Sh.Rajpal Singh have been members of the University Academic Council where the University curriculum is finally approved. Dr. Chander Shekhar was member of University Court and presently Dr. Sarika Choudhary is member of University Court where all the decisions of the university administration are approved. In 2010, the Finance Commissioner of Haryana framed a committee for restructuring the courses in science subjects with the purpose of bringing uniformity in the syllabi. Dr. Chander Shekhar, Zoology Department, was nominated the convener of the committee for Zoology courses. Dr. Rakesh Kumar Bhardwaj and Dr.V. K. Goyal were one of the members of the committees for the courses in Chemistry and Botany respectively.

- b) **Internship/ On-the-job training**  
The students of our college visit the following institutes for project work/training:
- NDRI (National Dairy Research Institute), Karnal.
  - IIWBR (Indian Institute of Wheat & Barley Research), Karnal.
  - NBAGR (National Bureau of Animal Genetic Resources), Karnal.
  - SFL (State Forensic Laboratory), Madhuban, Karnal.
  - Civil Hospital Mortuary, Karnal.
  - ICGEB (International Centre for Genetic Engineering & Biotechnology), New Delhi.
  - NIPER (National Institute of Pharmaceutical Education and Research), Mohali.
- c) **Summer placement**  
Dr. Rakesh Kumar Bhardwaj had availed duty leave for Indian Academy of Science Bangalore Summer Research Fellowship.
- d) **Faculty exchange and professional development**  
Ms. Manishaa Sharma, Associate Professor in Geography pursued a diploma course in Geo Informatics at Indian Institute of Remote Sensing (IIRS), Dehradun for 6 months. The diploma was awarded by IIRS, Dehradun and ITC Netherlands. Dr. Rakesh Kumar Bhardwaj had Indian National Science Academy visiting fellowship under International Collaboration/ Scientist Exchange programme for Hungary. Dr. Ravi Kumar has availed Post Doctoral Fellowship at Cardiff University, U.K.
- e) **Research**  
Dr. Rakesh Kumar Bhardwaj had Indian National Science Academy visiting fellowship under International Collaboration/ Scientist Exchange programme for Hungary. Dr. Ravi Kumar has availed Post Doctoral Fellowship at Cardiff University, U.K. The Department of Political Science is involved in CSDS sponsored surveys conducted in Haryana. Dr. Chander Shekhar is involved in Petro Count Project of Chiropetra Conservation and Information Network of South Asia (CCINSA).
- f) **Consultancy**  
The college has the NSS Soil Health and Care Unit under which camps are arranged to educate and test the composition of soils viz pH, nitrates, sulphates, phosphates etc. The unit also awakens the society, rural areas about the adulteration in food, milk and spices. The staff members are the members of editorial board of various journals and many international and national societies/ associations. The commerce department of the college collaborates with ICAI to provide counseling for career guidance to students to explore possibilities to do CA and join other financial institutions.
- g) **Extension**
- Rallies in collaboration with NGOs such as NACO are organized to awaken the society about the AIDS control, women rights, literacy, gender issues, environment, energy saving concepts, zero tolerance etc.
  - International Youth Day is organized every year on 12<sup>th</sup> August to awaken the students about HIV/AIDS, organ donation, drug abuse etc.

The trained students are supposed to communicate the message to the society.

**h) Publication**

Our faculty members have 396 papers published in various journals of National and International repute. They have got 106 books with ISBN number published from Indian and Foreign publishers.

**i) Student Placement**

The college Placement Cell invites various companies such as Infosys, IBM, Wipro, Tech-Mahindra etc. for recruitment of students for technical and non-technical posts. Every session about 50 students are selected by these companies. The students are also guided and encouraged to participate in job fairs organized by various institutes. The students are also informed about walk-in interviews in different companies. In this session till date 41 students of our college have got selected in various companies.

**j) Twinning programmes**

Such programmes are not allowed by K.U. Kurukshetra. As a result the college has no such programme inspite of its wishes.

**k) Introduction of new courses**

The college will make efforts to start industry collaborative job oriented courses in near future after getting due permission from DHE and K.U. Kurukshetra under Self Financing programmes.

**l) Student exchange**

The institute has signed “Agreement of Co-operation” with two foreign institutes for the exposure of the faculty and students vis:

- University of Debrecen, Hungary.
- Tohoku University, Japan.

Till date no student has availed this facility due to financial constraints.

**m) Any other**

The State Govt. should provide autonomy to the affiliated aided colleges like us to have independent MoU for industry sponsored degree programmes which can result in better employment avenues for the students.

**3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.**

The college is involved in providing vocational job oriented education to the students for the last 5 years. The college has introduced courses like M.Com., M.Sc. Chemistry, M.Sc. Forensic Science (Five Year Integrated Programme), B.C.A., B.Com. (Hons.), B.Com. (Vocational) in subjects like Insurance and Taxation. The college further plans to add courses like M.Sc. Physics, M.Sc. Mathematics, M.Sc. Computer Science, P.G. Diploma in Mass Communication and Journalism to provide better job opportunities to the students. The college will also make efforts to add industry collaborative and sponsored vocational courses in near future.

## CRITERION IV

### INFRASTRUCTURE AND LEARNING RESOURCES

#### **4.1 Physical Facilities**

##### **4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?**

The institution creates and enhances the existing infrastructure as per the needs coming up from time to time. Keeping this in view the college has added a new building to the existing science block. This has led to the addition of the state of the art classrooms and laboratories especially for the P.G. courses of science stream. The addition has created more space and rooms for the Master of Arts classes in the old computer science block. These spaces are utilized to conduct weekly seminars for the Post-Graduate students. In addition to it, the college already has a separate block for Commerce stream and a separate Arts block for the Under Graduate classes. To meet out the modern trends of higher education, the tools and instruments are regularly added with the funding of UGC and DST.

##### **4.1.2 Detail the facilities available for**

- a) **Curricular and co-curricular activities: classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

S.N.	Facilities	Quantity
1.	Classrooms	36
2.	Technology enabled learning spaces	12 LCD projectors in the departments of Computer Science, Physics, Botany, Biotechnology, Chemistry, Commerce, Zoology, Economics, Geography and Mathematics. 1 English Language Lab. 2 Overhead Projectors, 1 Slide Projector and 1 Interactive Board
3.	Seminar halls	1, besides that 2 reading halls in library are also used for extension lectures and departmental seminars. The main functions of the college are organized in the Auditorium.
4.	Tutorial spaces	The classrooms, department rooms and 4 reading halls in library are used for tutorial purpose.
5.	Laboratories	28
6.	Workshop	1
7.	Dark-room	1
8.	Botanical garden	1
9.	Museum	1



1. **Classrooms**

There are 36 classrooms to meet the needs of theory classes spread over a time period ranging from 09.00 a.m. to 04.20 p.m. The classrooms are located in various faculty blocks, with an adequate seating capacity to cater to the needs of the various classes. Most of the classrooms are airy and spacious lecture theatres with fixed furniture.

2. **Technology Enabled Learning Spaces**

The college is equipped with 12 LCD projectors in the departments of Computer Science, Physics, Botany, Biotechnology, Chemistry, Commerce, Zoology, Economics, Geography and Mathematics. Besides, the college has one Audio-Visual Laboratory and a small laboratory to cater to the needs of the students of M.A. English. Alongwith this the college has two overhead projectors, one slide projector and one interactive board.

3. **Seminar Halls**

The huge and spacious college Auditorium with its seating capacity of 800 plus caters to the needs of conducting National and International Seminars. However, the departmental seminars are conducted in a seminar hall for the P.G. students.

4. **Tutorial Spaces**

The classrooms are utilized for the purpose of tutorials during the time table hours.

5. **Laboratories**

The college has 28 laboratories, 1 museum, 1 workshop and one dark room. The detailed list is as under:

- |                     |  |
|---------------------|--|
| 1) Chemistry        | 7 laboratories (U.G. + P.G.)   |
| 2) Physics          | 5 laboratories, 1 darkroom, 1 workshop                                     |
| 3) Electronics      | 1 laboratory   |
| 4) Zoology          | 1 laboratory, 1 museum   |
| 5) Botany           | 1 laboratory   |
| 6) Genetics         | 1 laboratory   |
| 7) Biotechnology    | 1 laboratory   |
| 8) Computer Science | 4 laboratories (with double seating capacity equivalent to 8 laboratories) |
| 9) Forensic Science | 1 Laboratory   |
| 10) Mathematics     | 2 laboratories   |
| 11) Commerce        | Share the laboratories with Computer Science and Mathematics.              |
| 12) Geography       | 3 laboratories   |
| 13) English         | 1 laboratory for the students of M.A. English                              |

6. **Botanical Garden**

The college has one botanical garden where the various species of plants are grown to conduct various practicals and experiments in the laboratories.

7. **Museum**

The college does not have an animal house. As per the instructions issued by the Ministry of Environment, to prevent cruelty against animals, most of the dissections in the laboratories on live animals have been banned. The computer simulations of the dissections are shown on the specialized software provided in the laboratories.



Besides, the specimens required for the practical knowledge are acquired from the nature and through them practical knowledge is imparted to the students.

8. **Specialized facilities and equipments for teaching, learning and research etc.**

The library is equipped with UGC N-link which provides access to 97300 e-books and 5902 e-journals of different disciplines. Some of the members of the faculty have been awarded research projects by University Grants Commission and Department of Science and Technology. These departments provide facilities and instruments for conducting the research work. These facilities include some of the expensive instruments like:

- 1) F.T.I.R. (Alpha Brooker)
- 2) H.P.L.C.
- 3) P.C.R.
- 4) Atomic Absorption Spectrophotometer
- 5) UV Spectrophotometer
- 6) Flame Photometer
- 7) Ionizer
- 8) Polarimeter
- 9) Laminar Flow
- 10) BOD Incubator
- 11) Cold Centrifuge
- 12) Microscopes fitted with digital camera and attached to computers
- 13) Video Camera
- 14) Binoculars
- 15) Autoclave
- 16) Deep Freezer
- 17) Photoelectric Effect Apparatus
- 18) Universal Interferometer with Feby-Perot etc.
- 19) Hall Effect Setup
- 20) Michelson Interferometer
- 21) Magneto-resistance Setup
- 22) Dielectric Constant Setup
- 23) He Ne Lasers
- 24) C.R.O. Dual Trace
- 25) Digital Multimeters
- 26) Energy Band Gap Apparatus by Four Probe Method
- 27) Digital Balance
- 28) On Line UPS 10 KVA
- 29) G.M. Counter
- 30) Turbidity Meter
- 31) Conductometer Bridge
- 32) Calorimeter
- 33) Potentiometer
- 34) Comparison Microscope

Along with this we have a Wi-Fi campus and internet connections under ICT plan of Ministry of HRD, Government of India to enable the faculty and the students to access the resources of knowledge in the surroundings of peaceful and beautiful campus.

b) **Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, Communication skills development, Yoga, Health and Hygiene etc.**

**1. Sports, Outdoor and Indoor Games, Gymnasium**

1) The Physical Education Department maintains a 200m athletics track and facilities for all field events. The department also maintains Volleyball, Basketball, Badminton (Indoor) and Kabaddi courts and a TT room with facility for Chess. There is Cricket net facility and a 12 station multi-gym with the latest weight lifting set. Alongwith these the department is updating the indoor Badminton court.

2) The college gives track suits or blazers for Inter-University /National participation, while the outgoing students are awarded the College Colour. During the years 2012-13 Rs. 43700/-, 2013-14 Rs. 29000/-, 2014-15 Rs. 43100/- and 2015-16 Rs. 24600/- were disbursed among the outstanding sportspersons as stipends. Alongwith this 15, 04, 08 and 5 track suits were given during the years 2012-13, 2013-14, 2014-15 and 2015-16 respectively.

**2. Auditorium**

The college has a spacious auditorium with a seating capacity of around 800 persons. The auditorium is equipped with movable furniture and other fixtures. The college is planning a further upgradation of the auditorium.

**3. NSS**

The college has 3 full fledged NSS units including 1 girls unit comprising of 283 volunteers. These units are looked after by 2 male and 1 female programme officers. It has a well furnished office with attached washroom. The NSS units of the college undertake a number of society oriented awareness programmes. The NSS units of the college have adopted village Uchana and educate the masses through rallies regarding issues like social and civic responsibilities, hygiene, gender equality and various programmes of government.

**4. NCC**

The college has Army and Air wing of NCC. There are 106 cadets in the NCC Army Wing and the NCC Air Wing comprises 100 cadets. An independent office is allotted to the NCC officers to carry out the various activities related to NCC. A separate store to keep NCC articles is also provided to them.

**5. Cultural Activities, Public Speaking, Communication Skills Development**

The college has provided an office to the Convener of the extra-curricular activities to coordinate various activities. The students participate in the cultural activities on a large scale in various cultural events like College Talent Search Competition, Zonal and Interzonal Youth Festival organized by the Kurukshetra University. As such training and various spaces are allotted for the rehearsals of these events which are finally conducted in the college auditorium. These activities of training and rehearsals are done during the afternoons to avoid any kind of disturbance in the teaching activity. Besides these,

the various subject societies as well as various cells/committees/ association of the college conduct debates, declamations, seminars and extension lectures in lecture theatres to enhance the public speaking and communication skills of the students.

**6. Yoga, Health and Hygiene**

The Women Development Centre, the Red Ribbon Club, Red Cross Committee of the college organize extension lectures and seminars from time to time on issues related to health and hygiene and to highlight the importance of Yoga and spiritual health. These sessions are conducted in the Auditorium and in the lecture theatres at times.

**4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).**

The institution plans in advance the upcoming needs in the infrastructure and academic growth. The time-table is worked out in such a way that it ensures the optimal utilization of the resources.

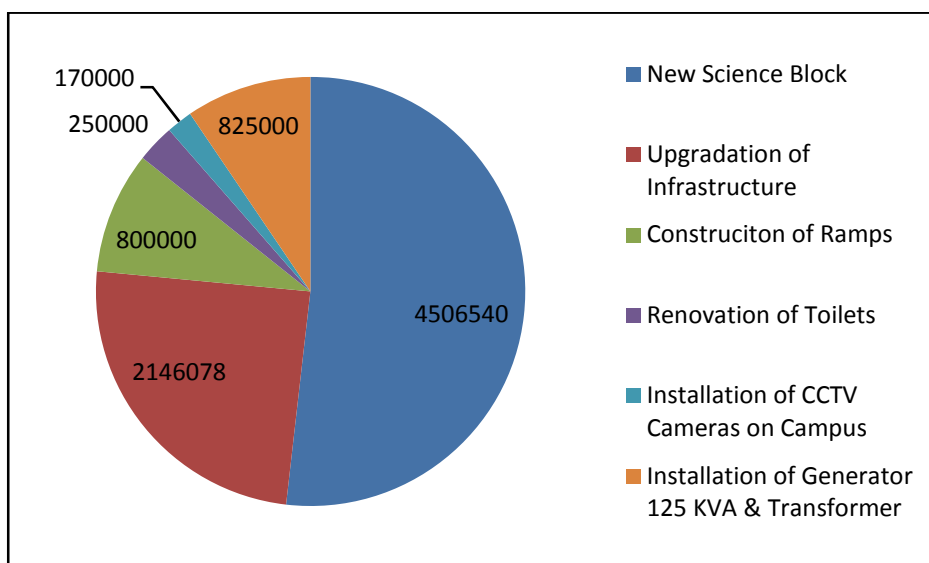
Classes start at 09:00 a.m. and continue till 04:20 p.m. The auditorium is fully equipped for conducting activities like cultural programmes, college functions like the Founder's Day, Talent show, guest and extension lectures, the functions of the subject societies etc. Besides outdoor games, the Sports Department offers gymnasium facility which is availed not only by the students of all the faculties but also by health conscious members of the faculty. The college administration supports the university and the state to conduct their different examinations in the college campus.

An auditorium with a seating capacity of 800 plus is there to conduct the national and international seminars. Extensive renovation work has been done on the college old building, the Girls Common Room, all the Laboratories, Library, Canteen, Teaching Rooms, Staff Rooms etc. and it is still going on. All the Heads of the Departments are provided separate rooms besides the General Staff Room. All these Department rooms are equipped with computer and internet facilities. The college has plans to provide additional space and facilities for more class rooms, and a Boys' Common Room. Library is computersied partially. Water coolers with R.O. and water purifiers have been installed at various places on the campus to ensure supply of safe drinking water. Audio-visual and teaching aids like OHP/DLP Projectors are provided. The college has reprography facility in most of the departments, library and office. The auditorium and the seminar hall have been furnished with moveable furniture and other facilities.

Nine (9) new laboratories in science block for Physics, Chemistry, Computer Science and Mathematics, 4 new class rooms (lecture theaters) for UG and PG classes and two laboratories for advanced research in Chemistry and Physics have been added.

**Amount Spent During Last 4 Years on The Augmentation of Infrastructure**

Sr. No.	Augmented Infrastructure	Amount spent during last 4 years (Rs.)
1	New Science Block	4506540
2	Upgradation of Infrastructure	2146078
3	Construciton of Ramps	800000
4	Renovation of Toilets	250000
5	Installation of CCTV Cameras on Campus	170000
6	Installation of Generator 125 KVA & Transformer	825000
	<b>Total</b>	<b>8697618</b>



**A copy of the Master Plan of the college is enclosed as Annexure I**

**4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?**

Our institute is completely dedicated and committed to make the stay of the differently-abled students comfortable. The institution has created friendly pathways for the physically challenged students wherever it has been possible, by making alterations in the existing structures. In the newly added Science Block, it is already a part of the design. The college has the friendly pathways for entry into the college office and Principal room, entry into the library (front as well as the back), entry towards the departmental rooms and the playground. The Arts Block and the Science Block too have the ramps as the friendly pathways. The college accommodates the classes of differently-abled students on the ground floor. The needs of physically challenged are further taken care of by the supporting staff. During the examinations, extra care is paid to them by providing them seats on the ground floor and every kind of assistance they need.

#### 4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility – Accommodation available**

The college offered hostel facilities till about twenty two years ago. Since then a number of colleges have come up in the feeding area. Bus facilities, to which the students get subsidised passes, have also improved. As such students from rural areas prefer to commute daily rather than to stay in the hostel. Local residents, of course, do not need a hostel. Hence, the college does not provide hostel facilities at present.

- **Recreational facilities, gymnasium, yoga center, etc.**

The college has a 12 station multi-gym with the latest weight lifting set. Alongwith this, the college has a girls common room with indoor games like Carrom Board, Chess. We have a separate T.T. room and an indoor Badminton Court.

- **Computer facility including access to internet in hostel** N.A.

- **Facilities for medical emergencies**

The college has a panel of doctors to help in emergency.

- a) Dr. Tajender Singh (General Physician)
- b) Dr. G. D. Sharma (General Physician)
- c) Dr. Santosh Sharma (Gynaecologist)
- d) Dr. Pardeep Bhatia (Orthopaedic Surgeon)
- e) Dr. Parveen Garg (Surgeon)

- **Library facility in the hostels**

N.A.

- **Internet and Wi-Fi facility**

We have a Wi-Fi campus and internet connections under ICT plan of Ministry of HRD, Government of India to enable the faculty and the students to access the resources of knowledge.

- **Recreational facility-common room with audio-visual equipments**

The college has an audio visual room installed with DLP Projector and interactive Board.

- **Available residential facility for the staff and occupancy Constant supply of safe drinking water**

Yes, the college has staff quarters for non teaching staff of the college. The college has constant supply of safe drinking water by having own submersible pump and a big water tank.

- **Security**

The college has 6 security guards who provide security for 24 hours in the college campus.

#### 4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The college has a panel of doctors to help in emergency.

- a) Dr. Tajender Singh (General Physician)
- b) Dr. G. D. Sharma (General Physician)
- c) Dr. Santosh Sharma (Gynaecologist)
- d) Dr. Pardeep Bhatia (Orthopaedic Surgeon)
- e) Dr. Parveen Garg (Surgeon)

- Moreover the college has engaged a doctor to help the students and staff during college hours.
- The vehicle is arranged in case of emergency to carry students to the hospital.
- The students of the college are covered under group insurance.

**4.1.7 Give details of the Common Facilities available on the campus – spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.**

The institution has facilities available on the campus for units like

- |                                  |     |
|----------------------------------|-----|
| • IQAC                           | Yes |
| • Grievance Redressal unit       | Yes |
| • Women cell                     | Yes |
| • Placement unit                 | Yes |
| • Canteen                        | Yes |
| • Recreational spaces            | Yes |
| • Safe Drinking water facilities | Yes |
| • Auditorium                     | Yes |

**4.2 Library as a Learning Resource**

**4.2.1 Does the library have an Advisory Council? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?**

Yes, the library has a very efficient Library Administrative Committee comprising of the Principal, the Teacher-incharge, Heads of all the departments and the Librarian of the college. The Library Administrative Committee is:

- |                                |                  |
|--------------------------------|------------------|
| - Dr. Krishan Lal Gosain       | Chairman         |
| - Sh. Sanjay Kumar             | Teacher Incharge |
| - Heads of all the Departments | Member           |
| - Sh. Harish Kumar             | Librarian        |

The committee takes stock of the needs of the users from time to time and arranges for the same accordingly. The new books, journals, magazines, periodicals, e-books etc. are procured to enrich the library keeping in mind the new arrivals in the market. All the departments are allocated funds every year to meet the departmental needs and a purchase committee is set up accordingly to buy the required materials. There is a separate seating area for the students and the staff. Besides, there is a separate P.G. section, where the students have an easy access to the books because of the open shelf system. There is a separate periodicals section for the readers. There is an exclusive reading area for the girl students.

**4.2.2 Provide details of the following:**

- \* **Total area of the library** 2179.6 sq. mts.
- \* **Total seating capacity** 300
- \* **Working hours**
  - On working days 08:30 a.m. – 04:30 p.m.
  - On holidays Closed
  - Before examination days 08:30 a.m. – 04:30 p.m.
  - During examination days 08:30 a.m. – 04:30 p.m.
  - During vacation 08:30 a.m. – 02.00 p.m.
- \* **Layout of the library** (Individual reading carrels, lounge area for browsing and relaxed reading, IT Zone for accessing e-resources)  
The library is divided into 9 sections:
  1. Reference Hall
  2. P.G. Hall
  3. Social Sciences Hall
  4. Sciences Hall
  5. Periodical cum CD Section for accessing e-resources
  6. I.T. zone for accessing e-resources.
  7. Reception Hall
  8. Reading Hall for relaxed reading
  9. Separate Reading Hall exclusively for girl students

**4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.**

In the beginning of the session a meeting of library committee and heads of the departments is organized to finalize the budget, purchase of magazines and journals. The heads of the departments after consultation with the members of their department submit the list of the books to the Librarian for purchase. The committee also visits book fairs and market of Delhi to purchase books.

Library holdings	2012-13		2013-14		2014-15		2015-16	
	No.	Total Cost	No.	Total Cost	No.	Total Cost	No.	Total Cost
Text books	548	232985	450	400000	1660	440000	618	500000
Reference Books	17		1050		-		1800	
Journals/ Periodicals	41	44000	54	57000	60	63200	60	67000
e-resources	*	5500	*	5500	*	5700	*	5700
Any other (specify) Competition Books			175	28918	5	1803	65	16507

\* E-resources through Inflibnet are subscribed.

#### 4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- \* **OPAC :**  
Online Public Access Catalogue (OPAC) terminal is available in the library, which is handled by the library staff. The students and faculty can access the internet facility during library working hours.
- \* **Electronic Resource Management package for e-journals:**  
College is registered with National Library and Information Services Infrastructure for Scholarly Content which provides access to 97300 e-books and 5902 e-journals of different disciplines.
- \* **Federated searching tools to search articles in multiple databases** : No
- \* **Library Website :**  
Provided in the college website. No separate website.
- \* **In-house/remote access to e-publications :**  
Yes, through Internet and Delnet
- \* **Library automation : Semi-automation**
- \* **Total number of computers for public access** : 08
- \* **Total numbers of printers for public access** : 02
- \* **Internet band width/ speed (mbps)** : 02
- \* **Institutional Repository:**  
Yes, the old college magazines, visitor's books, old photographs, newspaper cuttings related to the college, souvenirs of Silver Jubilee and Golden Jubilee and proceedings of the seminars held in the college.
- \* **Content management system for e-learning:**  
CDs/ DVDs, online journals and audio visual resources.
- \* **Participation in Resource sharing networks/consortia (like Inflibnet)** : Yes

#### 4.2.5 Provide details on the following items:

- \* **Average number of walk-ins** : 1220
- \* **Average number of books issued/returned** : 430
- \* **Ratio of library books to students enrolled** : 1:19
- \* **Average number of books added during last three years** : 1654
- \* **Average number of login to opac (OPAC)** : 100
- \* **Average number of login to e-resources** : 125
- \* **Average number of e-resources downloaded/printed** : 10
- \* **Number of information literacy trainings organized** : Nil
- \* **Details of 'weeding out' of books and other materials** : 13500

#### 4.2.6 Give details of the specialized services provided by the library

- \* **Manuscripts** : No
- \* **Reference** : Yes
- \* **Reprography** : Yes
- \* **ILL (Inter Library Loan Service)** : Nil



- \* **Information deployment and notification (Information Deployment and Notification):**  
Through notice boards of the library and the staff members.
- \* **Download :**  
Yes, articles and information regarding new books.
- \* **Printing : Yes**
- \* **Reading list/ Bibliography compilation :**  
Reading list can be provided by the library staff.
- \* **In-house/remote access to e-resources :**  
Yes, e-resources through n-list are accessed.
- \* **User Orientation and awareness :**  
Yes, in the start of the session through staff assistance and library notice.
- \* **Assistance in searching Databases :**  
OPAC, Open shelves facility and staff assistance
- \* **INFLIBNET/IUC facilities :** INFLIBNET facilities

**4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.**

The library record is fully computerized to know the status of any book or any other reading material. The staff of the library helps the teachers and students to use INFLIBNET and browse for their required books and journals. We have open shelf system for P.G. classes in P.G. section. The staff appointed there helps the library users to locate the books they require. The staff of the library holds meetings with the readers from time to time to update them about the new arrivals in all the sections. There is a notice board in the library to display the title covers of the new arrivals and to put up the notices for the information of the readers. The library staff encourages the readers to put their suggestions in the suggestion-box for the further improvement and development of the library.

**4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.**

For the physically challenged readers, the library has ramp facility at the front as well as in the rear side of the library. The Library staff personally assists the physically challenged students.

**4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)**

Readers' opinions given to the library staff, members of the library committee and suggestions given in the suggestion box are taken into discussion in the library committee meetings. The valuable suggestions are analysed by the committee and are implemented for the improvement of the library.

### 4.3 IT Infrastructure

#### 4.3.1. Give details on the computing facility available (hardware and software) at the institution.

\* Number of computers with Configuration (provide actual number with exact configuration of each available system)

S.N.	Computers with specification	No.
1	Intel Core 2 Duo E4300, 1.8 GHZ Processor, 1 GB DDR. II Ram, 160 GB HDD, 17" TFT Monitor, DVD Combo Drive, Mouse Keyboard	1
2	Intel Core 2 Duo E8400, 3.0 GHZ Processor, 2 GB DDR. II Ram, 320 GB Sata HDD, 19" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl	20
3	Core 2 Duo E 8400, 2 GB DDR. II Ram, 320 GB Sata HDD, 19" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl, Wi-Fi Card	10
4	Business desktop with Core 2 Duo E 8400, 2 GB DDR. II Ram, 320 GB Sata HDD, 19" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl, Wi-Fi Card	15
5	Core 2 Duo E 8400, Intel G31 Chipset, 2 GB DDR. II Ram, 320 GB Sata HDD, 19" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl, Wi-Fi Card	14
6	Intel Core i3, 2.93 GHZ, 2GB DDR. II RAM, 320 GB HDD, 18.5" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl	10
7	Intel Core i3, 2.93 GHZ, 2GB DDR. II RAM, 320 GB HDD, 18.5" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl	15
8	Intel Core i3, 2.93 GHZ, 2GB DDR. II RAM, 320 GB HDD, 18.5" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit HCl	20
9	IBM Server- Inter Xeon 3430 Quad Core @ 2.4 GHZ, 8 MB Cache, 4GB DDR. III Ram, 250 GB HDD, 18.5" TFT Monitor, DVD Writer, Optical Mouse Keyboard Kit MicroSoft	2
10	Thin Clint Terminals- 18.5", LED, TFT (AOC), Logitech Keyboard, Mouse Optical	32
11	Computers- Core 2 Duo E 8400, Intel G31 Chipset, 2 GB DDR. II Ram, 320 GB Sata HDD, 19" TFT Monitor, DVD, Optical Mouse Keyboard Kit HCl, Wi-Fi Card	11
12	Computers –Intel Core i5-4590, CPU 3.30 Ghz, 4 GB DDR Writer II Ram, 500 GB HDD, 19" TFT Monitor, USB Mouse Keyboard Kit Dell, Wi-fi	8
13	HCL Intel Core i3 550/2120@Ghz, 4 MB Cache, 2 GB DDR. III RAM, 500 GB SATA HDD @ 7200 RPM, HCL Keyboard, 18.5' LED Monitor, HCL Optical Scroll Mouse, Integrated Display and sound card, 10/100/1000 MBPS Lan Card, Wi-fi card, 6 USB, 1S, IP, EC2 Pre loaded, DOS.	108

13	Dell Vostro Desktop 3800 C13/4GB/500GB/ DVDRW/ W8/ 3 Year Warranty	5
14	Computers in the Office	09
15	Computers in the Library	05
	<b>Total Desktop Computers</b>	<b>285</b>
16	Laptops	16
17	Printers	26
	<b>Total</b>	<b>327</b>

### Laptops

S.N.	Name of Department	Number
1	Computer Science	2
2	Physics	1
3	Chemistry	2
4	Bio-technology	1
5	Commerce	1
6	Zoology	1
7	Physical Education	1
8	Mathematics	1
9	Political Science	1
10	Editor-in Chief (College Magazine)	1
11	Office	4

### Projector

S.N.	Name of Department	Number
1	Computer Science	2
2	Physics	1
3	Chemistry	1
4	Bio-technology	1
5	Commerce	1
6	Zoology	1
7	Economics	1
8	Geography	1
9	Mathematics	1
10	Botany	1
11	Audio-visual Room	1

### Photostat Machine

S.N.	Name of Department	Number
1	Office	1
2	Library	1

- \* **Computer-student ratio** : 1:12
- \* **Stand alone facility** : Yes
- \* **LAN facility** : Yes, in the office of the college.

\* **Wi-Fi facility** : Yes, the college has Wi-Fi facility which covers the whole of the campus.

\* **License Software:**

Sr. No	Software
1	Microsoft Paper License (15)
2	Microsoft Office Paper License (15)
3	M S Office 2000 std (Educational Edition)
4	M S Office Small Business server includes WINDOW- NT and Proxy server
5	Visual Studio 6.0
6	Turbo Parcel 7.0 (DOS Edition)
7	Turbo C++ 3.0 (DOS Edition)
8	Window 3.11
9	Word star 7.0
10	Lotus 123 for (DOS)
11	Electronic work-bench
12	Quick Heal Total Security – Anti Virus
13	Fee software
14	Accounts Software - Busy Win 14
15	Library Automation Software – New Libsoft Ver 8.3

\* **Number of nodes/ computers with Internet facility** : All computers

#### 4.3.2 **Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?**

Internet facility has been provided to the staff members by giving internet connection to each department. College library and office have also been provided internet connections. Wi-Fi system and internet connections under ICT plan of Ministry of HRD, Government of India have been installed in the college to enable the faculty and the students to access the resources of knowledge.

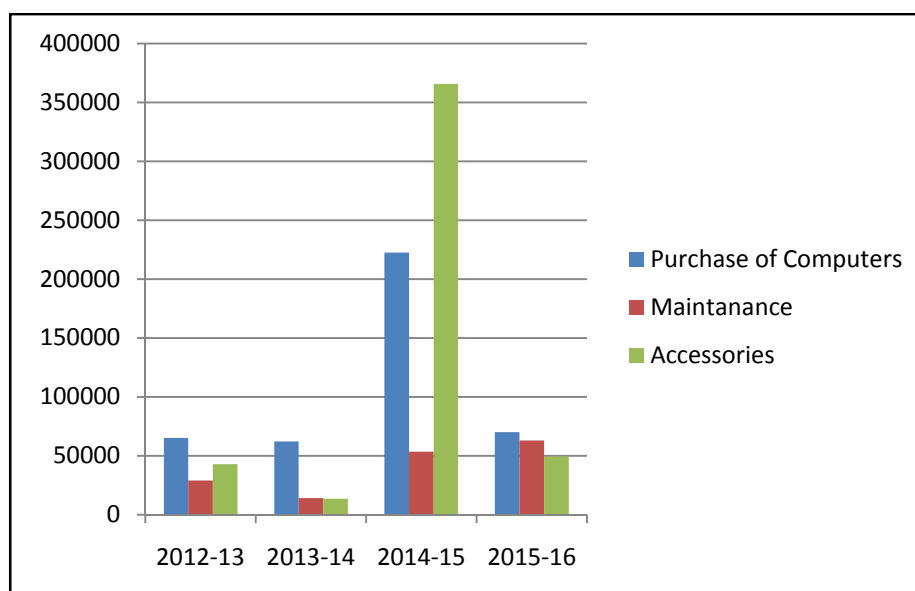
#### 4.3.3 **What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

Upgrading of infrastructure is an ongoing process. Modern I.T. apparatus and infrastructure peripheral have been added in all the laboratories/ blocks and are made available as per the requirements. The upgrading of IT infrastructure facilities are done with an idea to have compatibility with the rapid changes in the filed of information technology.

**4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)**

Details of the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for the last four years)

S.N.	Items	2012-13	2013-14	2014-15	2015-16
1	Purchase of Computers	65100	62200	222650	70000
2	Maintanance	29000	14060	53655	63004
3	Accessories	43000	13700	365705	49350
Total		137100	89960	642010	182354



**4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/learning materials by its staff and students?**

- As much as 15 teachers of the college act as resource person on EDUSAT program of DHE, Government of Haryana and have more than 300 lectures prepared in the form of power point presentation. All these lectures are available to our students.
- More than 7 teachers have been trained for script writing and power point presentation by DHE, Government of Haryana.
- To make the teaching methodology effective modern ICT resources like LCD and OHP are used for development of the teaching materials and the dissemination of knowledge and teaching in the classes.
- The students also are encouraged to use the devices like computer and internet to make their presentations.
- Educational CDs are also made available to teachers and students.

- Inter college competitions for power point presentations are held by the college to promote the use of ICT resources among the students.

**4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.**

- The college ensures the effective student-centered learning by providing computer education to each student.
- The teacher student ratio in the practical classes is 1:20, which ensures proper learning atmosphere and the feedback mechanism.
- The projectors are used wherever possible to ensure clear understanding of the concepts.
- As the college has Wi-Fi facilities, the learners/students can access the online resources from the library as well as from any place in the campus.

**4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?**

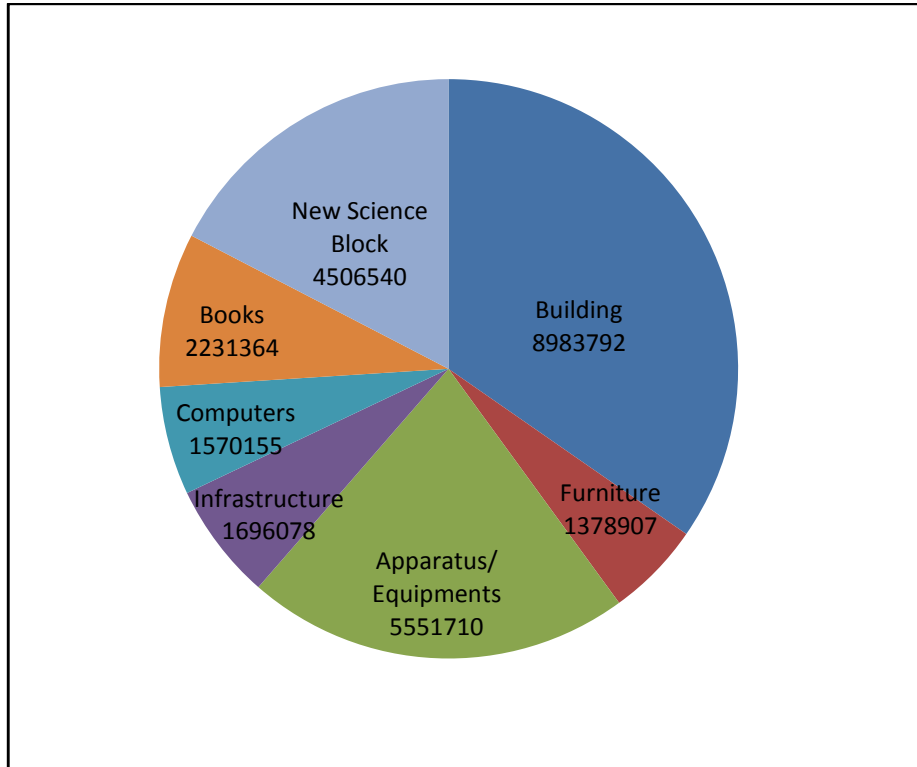
Yes, the college has subscribed to the services of National Library and Information Services Infrastructure for Scholarly Content with a facility of 97300 e-books and 5902 e-journals of different disciplines.

**4.4 Maintenance of Campus Facilities**

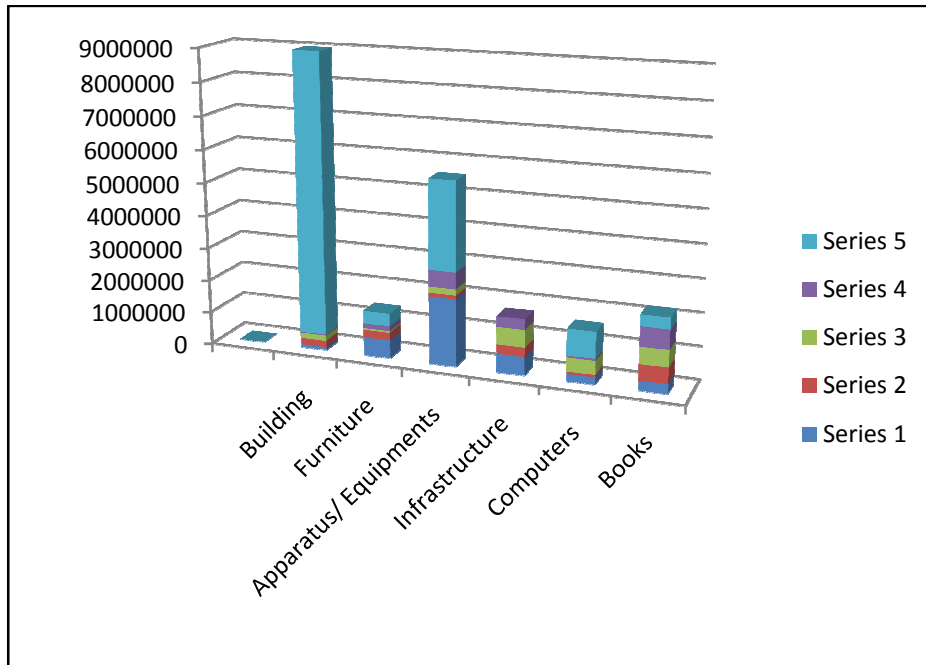
**4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities ( substantiate your statements by providing details of budget allocated during last four years)?**

**Details of the Budget allocated during the last four years and the present year**

S. N	Facilities	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
a	Building	85763	200615	167553	29861	8500000	<b>8983792</b>
b	Furniture	555752	237791	50523	147574	387267	<b>1378907</b>
c	Apparatus/ Equipments	2052752	109817	187214	501927	2700000	<b>5551710</b>
d	Infrastructure	561127	283267	529480	322204		<b>1696078</b>
e	Computers	215100	75900	419805	59350	800000	<b>1570155</b>
f	Books	292136	490918	509803	588507	350000	<b>2231364</b>
g	New Science Block	4506540	-	-	-	-	<b>4506540</b>
h	Vehicles	-	-	-	-	-	-



**Major Expenditure Done In The Last Four Years And The Present Year**



**Major Expenditure Done In The Last Four Years And The Present Year**

An auditorium with a seating capacity of 800 plus is in place to conduct the national, international seminars, various functions and convocation. Extensive renovation work has been done on the old building, Girls Common Room, Library, Canteen, Teaching Rooms, all

the Laboratories, Staff Rooms etc. and it is still going on. All the Heads of the Departments are provided separate rooms besides the General Staff Room. All these Department rooms are equipped with computer facilities with Wi-Fi network. The college has plans to provide additional space and facilities for more class rooms, and a Boys' Common Room. Water coolers have been installed at various places on the campus to ensure supply of safe drinking water. Audio-video cassettes and teaching aids like OHP/DLP Projectors are provided. The college has reprography facility in most of the departments, office and library. The auditorium and the seminar halls have been furnished with moveable furniture and other facilities.

Alongwith these, 9 new laboratories in science block for Physics, Chemistry and Computer Science, 4 new class rooms (lecture theaters) for the students in UG and PG classes and laboratories for advanced research in Chemistry and Physics have been added.

**4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**

A senior faculty heads a committee of faculty members and supporting staff to look after the infrastructure.

- Minor maintenance work is taken care of by college non-teaching employees.
- For major repairs, we hire services from outside.
- Building maintenance committee looks after the upkeep of building, water tanks, water filters, college lawns etc.
- Laboratories are periodically upgraded.
- A Canteen Committee ensures healthy, clean and reasonably priced eatables for students.
- Under the supervision of a senior faculty from Botany Department, watch and ward staff and gardeners look after the security and maintenance of the lawns.

**4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?**

The equipment/ instruments are upgraded in a planned manner. Just after the academic session is over the updated requirement for the new session is sought from the departments and the needful is done for the new session.

**4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?**

A power house with own 200KV transformer, Silent Generators, distribution panels, pumping sets and the water tank of 6000 litres are there in the college for the uninterrupted supply of electricity and water. The electricity load is systematically distributed with minimum loss. For upkeep and maintenance, the service of an electrician, a plumber and other technicians are available to the college. UPS and AVRs have been provided at various locations as per requirement. To



protect the sensitive instruments, the college has CVTs and online UPS. The equipments are maintained by the HoDs of various departments by hiring specialized persons from the relevant company.

**4.4.5 Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.**

- Office, Library and Geography Department are housed in the old building 'Umar Manzil', which was the Courts of Sh. Shaukat Ali, Brother of First Prime Minister of Pakistan Sh. Liyakat Ali.
- Educational models for PPT presentations and animations.
- State of art laboratories in Science Block.
- Active and effective training and placement cell.
- Language Laboratory to be set up with U.G.C.grant.
- Rain water harvesting systems.
- Science exhibition.
- Banking facility in the college.
- Residential quarters for non-teaching staff.
- Highly active subject associations.
- Solar lights.
- Research publications/presentations by the faculty members.

## CRITERION-V

### STUDENT SUPPORT AND PROGRESSION

#### **5.1 Student Mentoring and Support**

##### **5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

The college publishes its prospectus/information brochure at the beginning of the session. The applicants are given the application forms with the information brochure and this brochure gives the information about

- the various streams and the courses available in the college, eligibility conditions for various courses, introduction of new subjects, subject combinations allowed to the students of various streams and self-financing courses.
- the admission policy, attendance policy and the teaching calendar that is to be followed during the academic session.
- profile of various departments, faculty members, their qualifications etc.
- various committees and clubs that remain active during the session and their activities.
- general rules that the students are required to observe during their stay in the college.
- the annual charges payable at the time of admission and the monthly dues that will be charged from the students.
- the concessions that can be availed by the students belonging to SC/ST category.
- admission schedule and the dates of commencement of the academic session for graduate and post-graduate classes.
- the information about the holidays during the academic session.
- the punishment for the students who indulge in ragging or any kind of prohibited activities at the college campus.

The college ensures its commitment and accountability regarding everything that is conveyed in the prospectus according to the vision, mission and objectives of the institution. Various committees are constituted for admission to various courses of Science, Commerce and Humanities. All the admissions are made as per the rules and strictly on merit. The college makes all the efforts to ensure the implementation of the commitments made in the college prospectus by constituting various committees of the members of the staff. The meetings of these committees are held periodically chaired by the Principal. Periodic review of the progress in this regard is undertaken and required remedial steps are taken. These steps are put in the meetings of the college governing body for their information and necessary action.

5.1.2. Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

**Details of Scholarships**

S. N.	Name of Scholarship/ Stipend	2012-13		2013-14		2014-15		2015-16	
		No. of students	Amount (Rs.)	No. of students	Amount (Rs.)	No. of students	Amount (Rs.)	No. of students	Amount (Rs.)
1	Scheduled Caste Scholarship	112	992670	171	1212470	180	2111850	227	2770855
2	Backward Classes Scholarship	139	312700	201	429160	161	388755	119	261335
3	State Merit Scholarships	3	10800	3	7200	5	18000	25	90000*
4	Grand Children of Freedom Fighter Scholarships	1	14000	3	42000	2	28000	-	-
5	Physically Handicapped Scholarships	1	7200	-	-	1	7200	-	-
6	Students Aids Fund Scholarships (SAF)	152	230800	90	191000	100	200000	81	243000
7	Promotion of Science Education (POSE)	1		7	28000	37	148000	9	36000*
8	Red Cross fund Scholarship	-	-	24	36000	-	-	-	-
	<b>TOTAL:</b>	<b>409</b>	<b>1568170</b>	<b>499</b>	<b>1945830</b>	<b>486</b>	<b>2901805</b>	<b>461</b>	<b>3401190</b>

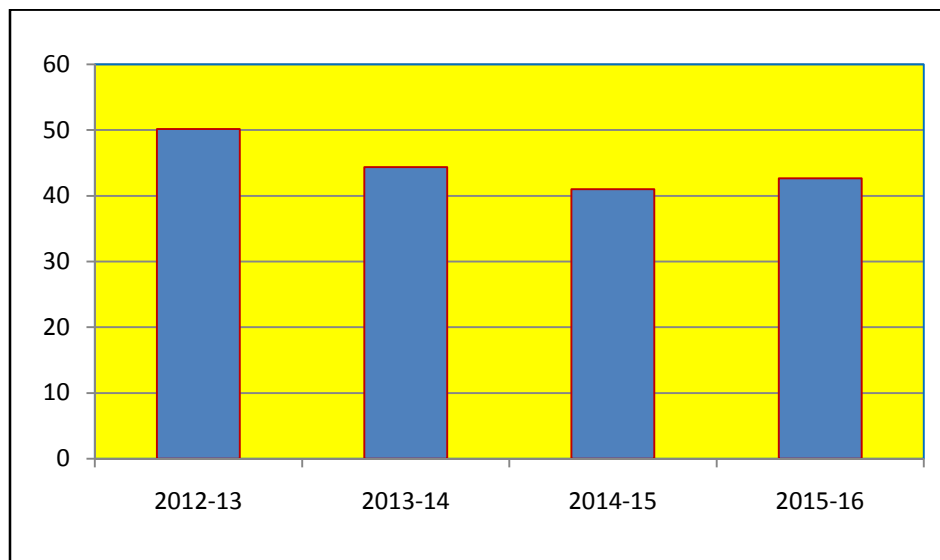
\* Proposal submitted to Govt. of Haryana.

Alongwith the above mentioned scholarships and the financial assistance, as per the policy of the Govt. of Haryana, all the girl students i.e. in 2012-13: 1522 girls, in 2013-14: 1098 girls, in 2014-15: 833 girls and in 2015-16: 843 girls were given full tuition fee concession.

**5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?**

**Percentage of Students Receiving Financial Assistance**

Session	2012-13	2013-14	2014-15	2015-16
Percentage of Students	50.18	44.36	41.00	42.65



**Percentage of Students Receiving Financial Assistance**

**5.1.4 Specific support services/facilities available for**

**1. Students from SC/ST, OBC and economically weaker sections**

- The college facilitates the scholarships to the students from the SC/ST/OBC and economically weaker sections from Govt. of Haryana.
- There is a provision for reservation in seats for these sections at the time of admission as per the university guidelines.
- These students are also provided educational and other goods such as sweaters, shoes, stationery etc. through the college Red Cross Society.

**2. Students with physical disabilities**

- There is a provision of reservation for students with physical disabilities in admissions.
- Various friendly pathways have been built in different parts of the college to facilitate the easy mobility of such students. There are ramps in new science block, different teaching blocks, office, girls common room and library.
- Two wheel chairs are available in the college for the students with physical disabilities.
- To help out these students classes are adjusted at the ground floor .

**3. Students to participate in various competitions—National and International**

- There is a Youth Welfare and Cultural Activities Committee in the college through which the students of the college participate

in various competitions at the College, Inter-College, State, Zonal, Inter-Zonal and Inter-University levels. The committee organizes the College Talent Show every year to search and nurture the talents of the students in music, dance, skit, drama, mime, etc. Cash prizes are awarded to the winners and certificates are given to all the participants. The prizes are given to the college by the University and then passed on to the winners.

- b. The college hires various experts to train students in various items for the Youth Festival. Money is also spent on the costumes, make-up, and refreshments of the participants. They are also given TA/DA.
- c. Teachers supervise the practice sessions of various items and some teachers, with exceptional talent, train the students on their own.
- d. There are subject societies/associations of all the subjects, which hold various competitions every year, like debates, declamations, quiz contests, essay writing, poetry writing, slogan writing, poster making, paper reading etc. Prizes are awarded to the winners and certificates are given to all the participants.
- e. The college has a number of cells, clubs and committees such as Women Development Centre, Fine Arts and Painting Club, Red Cross Society, Red Ribbon and Blood Donors' Club, Legal Literacy Cell, Consumer Awareness Cell, etc. These cells, clubs and committees organize various competitions from time to time to encourage and enlighten the students and provide a platform to the gifted students to display their latent talents.
- f. The NCC and NSS units of the college organize camps at the college level in which Best Volunteer and Best Cadet are chosen and awarded prizes. The NSS units of the college have adopted village Uchana and educate the masses through rallies regarding issues like social & civic responsibility, hygiene, gender equality and various programmes of government. The NSS volunteers identify the practical problems of the local people and suggest the ways to solve them.
- g. The college acts as the host for various exhibitions at the district and state levels, various working models are displayed in order to enhance the knowledge, innovation and creativity of the students.
- h. In the field of sports also, the students are encouraged to participate in competitions in various games and at various levels. The college has a post of Assistant Professor in Physical Education. In addition to this, various coaches and experts are hired from the District Sports Authority to train the students to perform well in competitions.
- i. The college organizes the Annual Sports Day in which students participate in large numbers in games such as long jump, high jump, discus throw, javelin throw, shot put, 400m race, 100m race, relay race, three-legged race, sack race, slow cycling,

chati race for students and musical chair race, tug of war, 100m race for the teaching and non- teaching staff. The winners and the best athletes among boys and girls are awarded medals and certificates.

Besides providing full and partial fee concessions, stipends/scholarships of Rs. 100/- per month are given to the sportspersons who achieve 1<sup>st</sup> position in University/State, of Rs. 80/- p.m. to those who stand 2<sup>nd</sup>, and Rs. 60/- p.m. to those who are placed 3<sup>rd</sup>. The sportspersons who achieve 1<sup>st</sup> position at the National/Inter-University level get Rs. 250/- p.m. while Rs. 200/- and Rs. 150/- p.m. are given to those who are placed 2<sup>nd</sup> and 3<sup>rd</sup> respectively. For Inter-University /National participation, the college gives track suits or blazers while the outgoing students are awarded the College Colour. During the year 2012-13 Rs. 43700/-; 2013-14 Rs. 29000/-, 2014-15 Rs. 43100/-, 2015-16 Rs. 24600/- were disbursed among the outstanding sportspersons as stipends and to outstanding sports persons track suits/ blazers/ college colours were awarded.

#### **4. Medical assistance to students: health centre, health insurance, etc.**

- a. The college has a panel of doctors to help in emergency.
  - Dr. Tajender Singh (General Physician)
  - Dr. G. D. Sharma (General Physician)
  - Dr. Santosh Sharma (Gynaecologist)
  - Dr. Pardeep Bhatia (Orthopaedic Surgeon)
  - Dr. Parveen Garg (Surgeon)
  - Moreover the college has engaged a doctor to help the students and staff during college hours.
  - Vehicle is arranged in case of emergency to carry students to the hospital.
  - The students of the college are covered under group insurance scheme of LIC.
- b. Besides this, the Women Development Centre, Red Cross Society, Red Ribbon and Blood Donors' Club invite renowned doctors for extension lectures for the students regarding various health problems and their preventive measures and treatments. The Women Development Centre, in particular, focuses on the health guidance of girl students and invites various lady doctors and experts of alternative medicines to the college for this purpose.
- c. Every year, the college organizes a Blood Donation Camp on 9<sup>th</sup> September, to mark the death anniversary of Sardar Dyal Singh Majithia, the founder of the college. In this camp, the blood group and hemoglobin count of the students is also examined by medical authorities.

#### **5. Organizing coaching classes for competitive exams**

- a. During the XIth Plan of UGC the college organized UGC-NET coaching classes for the reserved category students. These classes were organized in all the disciplines—Arts, Science and Commerce. Students were greatly benefited in their career

through such classes. These classes were organized as per the guidelines of the UGC.

- b. The college also organized coaching classes for the students who aspire to go into Civil Services and Defence Services.
- c. In addition to this the Placement Cell of the college organizes the lectures on mental ability, general knowledge and personality development to enhance the competitive skills of the students.

**6. Skills development (Spoken English, Computer Literacy, etc.)**

- a. The students are encouraged in the classrooms to converse with the teachers and with their classmates in English.
- b. The Placement Cell of the college conducts lectures about spoken English skills in which Assistant and Associate Professors from the Department of English of the college teach the students how to imbibe spoken English skills and how to improve communication skills in English.
- c. Brig. N.K. Bhandari (Retd.), Member, Governing Body, himself takes personal interest in developing communication skills among the students of all the classes and faculties. He takes out time from his busy schedule and conducts Communication Skill classes for the students. Besides his lectures, group discussions are also conducted so that the students are able to find a suitable and creative outlet for their views and they find a suitable platform to converse in English.
- d. As far as computer literacy is concerned, it is a compulsory part of the curriculum of the undergraduate classes. At this level, the students learn the basics of computer application.
- e. The college provides free internet access to the students through its Wi-Fi campus and internet zone in the library.
- f. The Department of Computer Science of the college has large well equipped computer laboratories which enable a large number of students to use computers facility.
- g. The college runs various courses in Computer Science such as BCA (Bachelors in Computer Education) and B.Sc. Computer Science at degree level and Bioinformatics, Web Designing and Computational Physics as Add-on courses. Through these courses, the students are able to enhance their knowledge for higher studies in this subject.

**7. Support for 'Slow Learners'**

The teachers take extra classes of slow learners and weak students after their regular classes in order to enable and help them to come at par with the brilliant students.

**8. Exposures of students to other institutions of higher learning/corporate/business house etc.**

- a. The departments of Botany, Zoology and Biotechnology organize a number of excursions, trips and visits to institutions like NDRI (National Dairy Research Institute), NBAGR (National Bureau of Animal Genetic Resources), IIWBR (Indian Institute of Wheat and Barley Research) in Karnal, NBPGR (National Bureau of Plant Genetic Resources), ICGEB

(International Centre for Genetic Engineering & Biotechnology) at New Delhi and NIPER (National Institute of Pharmaceutical Education and Research) in Mohali. The department of Commerce organizes a trip to the corporate houses like malls, trade fairs and book fairs every year. Students actively participate in these activities and are greatly benefited.

- b. Scholars from the above-mentioned institutions as well as from other universities such as Punjab University and Delhi University are invited by the various departments and subject associations of the college to deliver extension lectures in order to enhance the knowledge of the students.
- c. Various IT companies, in collaboration with the Placement Cell of the college, conduct training and campus placement programme every year. Many students of the college have been selected in Infosys, Wipro, Tech-mahindra companies through this process during the last five years.
- d. The students of M.Sc. Chemistry and B.Sc. Botany and Biotechnology visit industry for training and submit a report regarding the same.

**9. Publication of student magazines**

The college magazine '*Harmony*' is published at the end of every academic year. This magazine is a literary and creative document of the talents of our students with the overwhelming contribution of students from all the classes and streams. There are English, Hindi, Sanskrit, Punjabi, Science and Commerce sections which cater to the taste and knowledge requirements of students from all the branches of studies. For each of these sections there is a teacher as well as student editor. In addition to this, there is a Tidings section in which the achievements of the college during the session are enlisted and recorded. The magazine provides a panoramic view of the academic, cultural, sports and literary activities and achievements of the college during an academic year.

**5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills among the students and the impact of the efforts.**

The Department of Genetics and Biotechnology of the college in collaboration with MSME-Development Institute functioning under the Ministry of Micro, Small and Medium Enterprises, Government of India, organized an Industrial Motivational campaign. It also organized a Six-week Entrepreneurship Skill Development Programme with an objective of creating awareness about self-employment opportunities by establishing micro and small manufacturing as well as service enterprises. The programme was of great help and guidance to the unemployed youths as well as for the students of the college who looked upon themselves as future entrepreneurs. The college makes all possible endeavors to organize such programmes every year.



**5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, quiz competitions, debates and discussions, cultural activities etc.**

**1. Additional Academic Support**

- a. The college provides all possible academic help and support to students who participate in extra-curricular activities. Books are made available to these students to help them do well in their studies.
- b. The students are also suggested to consult open educational resources like Wikipedia.
- c. There is a provision of extra classes for these students in case they miss their classes due to participation in extra-curricular activities. In these classes, the part of syllabus that they missed due to participation in extra-curricular activities, is covered in detail and problems related to their syllabus are also taken up.

**2. Flexibility in examinations**

The University has the provision that if the students are not able to appear in the Internal Assessment Examination due to participation in Republic Day, NCC, NSS or any other activity at the National or International level, special examination be held for them afterwards. The college follows these guidelines so that students are able to maintain proper balance between their studies and extra-curricular activities.

**3. Special dietary requirements**

The dietary requirements of students participating in various activities, especially sports, are taken special care of. Participants are provided fruit, milk and other health foods.

**4. Sports uniform and materials**

- a. The students who represent the college in various competitions at the District, State, National or International level are provided sports uniform by the college.
- b. In addition to the sports uniform, the college also provides kits to the players. These kits contain their sports equipment and other things required in that specific sport. To the outstanding sportsperson track suits, blazers and college colours are also given.

**5. Other policies**

- a. The college holds fitness training camps for the students before every tournament in order to ensure that they are physically fit to perform well in the tournament.
- b. The teachers and trainers/coaches of the students accompany them to various places and institutes for competitions and tournaments. They are paid TA/DA by the college for the same.
- c. Besides providing full and partial fee concessions, stipends/scholarships of Rs. 100/- per month are given to the sportspersons who achieve 1<sup>st</sup> position in University/ State, of Rs. 80/- p.m. to those who stand 2<sup>nd</sup>, and Rs. 60/- p.m. to those who are placed 3<sup>rd</sup>. The sportspersons who achieve 1<sup>st</sup> position at the National/Inter-University level get Rs. 250/- p.m. while

Rs. 200/- and Rs. 150/- p.m. are given to those who are placed 2<sup>nd</sup> and 3<sup>rd</sup> respectively. For Inter- University /National participation, the college gives track suits or blazers while the outgoing students are awarded the College Colour. During the years 2012-13 Rs. 43700/-, 2013-14 Rs. 29000/-, 2014-15 Rs. 43100/- and 2015-16 Rs. 24600/- were disbursed among the outstanding sportspersons as stipends. Alongwith this 15, 04, 08 and 5 track suits were given during the years 2012-13, 2013-14, 2014-15 and 2015-16 respectively.

**5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET,UGC-NET,SLET, GATE/ CAT/ GRE/ TOFEL/ GMAT/ Central/ State Services, Defense, Civil Services, etc.**

During the XI Plan the UGC allocated grant to the college for the coaching classes of reserved category students for competitive examinations namely UGC-CSIR-NET,UGC-NET and Defense Services. These classes were held in the subjects of English, Hindi, Political Science, Commerce and Chemistry. Six hundred two (602) students have cleared NET, SLET, GATE, Civil Services, Defense Services Exams during the last 5 years. Teachers provide guidance to the students of P.G. Classes regarding the books they should consult regarding qualifying NET examination.

**5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)?**

The college pays full attention to the all-round development of its students. For this, their physical as well as mental health needs to be sound. To ensure their secure future, counseling services are made available to them in all the areas:

**1. Academic Counseling**

- a. The teachers of the college guide students from time to time in their classes regarding their studies.
- b. As per the UGC guidelines, the college organize UGC-NET and UGC-CSIR-NET coaching classes for the reserved category students during XI plan of UGC. Many of these students qualified NET examination.

**2. Personal Counseling**

Though there is no personal counseling cell in the college as such, the students have an easy access to all their teachers, who, whenever the need arises, provide them personal counseling and try to resolve their problems in the best possible manner.

**3. Career Counseling**

- a. The college has a Placement Cell with an incharge and various other members. This Cell conducts orientation programme to help the students find the right path in their career and also secure placements in various reputed companies and organizations.

- b. Besides this, the teachers also have personal interaction with their students and guide them regarding their career options inside as well as outside the classroom.

#### **4. Psychological Counseling**

- a. Various cells and societies of the college from time to time organize programmes and extension lectures on topics such as stress management, body language, memory enhancement, etc. The students participate in these programmes in large number. They also interact with the experts and are greatly benefited by such programmes.
- b. Many a time, the students who feel shy in asking questions in such programs, confide in their teachers, their psychological problems and dilemmas. The teachers try their level best to resolve these issues so that the students lead a healthy mental and emotional life.

#### **5. Social Counseling**

Students are the future of the nation. So it is their responsibility to become aware about the society they are living in and take measures to reform it in every possible manner. The college, in order to facilitate this process, conducts various programmes. The Environment Club, Red Cross Society, Red Ribbon and Blood Donors' Club, Legal Literacy Cell, Consumer Awareness Cell, Women Development Centre, Fine Arts and Painting Club, Youth Welfare and Cultural Activities Committee, NSS Committee, etc. conduct extension lectures, camps, declamation, debate, poetical recitation, poster making, slogan writing, painting competitions, etc. in order to make the students aware about the issues related to women, AIDS, environment, consumers, illiteracy, unemployment, corruption etc. that are rampant in our society.

#### **5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

Yes, the college has a structured mechanism for career guidance and placements of its students in the form of the Career Counseling and Placement Cell. The placement cell of the college is as follows:

- i. Dr. Chander Shekhar (Incharge)
- ii. Dr. Kushal Pal
- iii. Sh. S.L. Arora
- iv. Dr. Mukta Jain
- v. Dr. Ritu Sharma (Eco)
- vi. Sh. Sandeep Kumar
- vii. Dr. Ravi Kumar
- viii. Ms. Vandana Sabharwal

The placement cell assists the students' placement by arranging placement drives in the corporate and multinational companies. The cell also supports the students by organizing personality development

programmes. Information about different job fairs is also provided to students. During the last four years 225 students have been selected in the various companies like WIPRO, IBM, Tech-mahindra, Infosys, Accenture etc.

**In the year 2015-16:**

No. of students placed	50
Campus Placement Drives	7
Extension lectures/ networks /Training Programmes	4

**5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

Every year students' Grievances Redressal Committee is formed afresh keeping in mind the objective that the genuine grievances/complaints of the students are addressed. The committee consists of the following members:

- i. Dr. Chander Kanta (Incharge)
- ii. Sh. Sanjay Kumar
- iii. Sh. Raj Pal
- iv. Dr. Balbir Singh
- v. Dr. Mukta Jain
- vi. Sh. Sandeep Kumar
- vii. Sh. Subhash Singh
- viii. Dr. Pawan Kumar
- ix. Sh. Bhupender Kumar
- x. Dr. Surinder Bala
- xi. Dr. Dimple Khosla

For the grievances/complaints, a complaint box has been installed in the Girls' Common Room for the girls who otherwise feel shy of discussing their problems with their teachers.

A number of students come to this institution from nearby villages. Grievances regarding their bus problems, time-table problems are attended to by the members of the committee. Genuine efforts are made to resolve their problems. Sometimes time table rescheduling or other adjustments are made to facilitate the students to attend all their classes.

The students of our institution also enjoy the freedom of discussing their genuine grievances with our revered Principal. The access to the Principal is quite easy.

**5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?**

In order to resolve issues pertaining to sexual-harassment, our institution has constituted Anti-sexual Harassment Committee. Following are the members of this committee:

- i. Dr. Chander Kanta (Nodal Officer)
- ii. Sh. Sanjay Kumar
- iii. Ms. Sarita Ganotra
- iv. Dr. Kushal Pal
- v. Ms. Poonam Singla

- vi. Dr. Balbir Singh
- vii. Dr. Mukta Jain
- viii. Dr. Renu Tanwar
- ix. Ms. Santosh Yadav

**5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

Yes, the institution has an anti-ragging committee. The Principal of our institution is the chairman of this committee. Following are the members:

- i. Dr. Chander Kanta (Incharge)
  - ii. Sh. Sanjay Kumar
  - iii. Sh Raj Pal
  - iv. Dr. Balbir Singh
  - v. Dr. Mukta Jain
  - vi. Sh. Sandeep Kumar
  - vii. Sh. Subhash Singh
  - viii. Dr. Pawan Kumar
  - ix. Sh. Bhupender Kumar
  - x. Dr. Surinder Bala
  - xi. Dr. Dimple Khosla
- In the college prospectus, it is made abundantly clear to all the students that ragging is strictly banned in the college campus. The students are also informed that those who will be found guilty of involving themselves in ragging activities will be given punishment. This punishment will be based on the nature and gravity of the guilt established by the Anti-Ragging squad. Anti Ragging information boards have been displayed at prominent places in the college through which students are informed about the serious consequences in case they indulge in ragging activities.
  - The members of this committee ensure that the new-entrants in the college are not harassed by their seniors.
  - Teachers are assigned proctorial duties in their free periods so that there is no disturbance in the corridors and a check on ragging can be kept.
  - Students and their parents are made to sign an undertaking at the time of admission that they will not indulge in ragging in the form of teasing and treating or handling any fresher with rudeness.

The college faculty takes full care that no action pertaining to ragging should take place in the college campus. All the students are made fully aware of the repercussions of any type of ragging undertaken by them. During the last four years no instance of ragging has been reported in the college.

**5.1.13 Enumerate the welfare schemes made available to students by the institution.**

The institution has introduced and made available a number of welfare schemes for the benefit of students. Some of the welfare schemes are:

**(i) N.S.S.**

Every year about 250 dedicated students are enrolled in all the three units of N.S.S. These students actively participate in various camps organized at the college /University level. A nearby village Uchana has been adopted by the college and a seven-day camp in the village is an annual feature. The volunteers are instilled with a spirit for social service. They undertake cleanliness programmes, awareness against social evils rallies, awareness regarding environment campaigns in the village.

These students are provided certificates which prove very useful for them for higher education. They can claim five percent weightage at the time of admission on the basis of these certification.

**(ii) N.C.C. (Army Wing and Air Wing)**

Around 250 disciplined and physically fit students are selected every year to join the Army and Air wings of N.C.C. in the college. These cadets appear for 'BEE' and 'CEE' certificates exams. In the last four years our 121 cadets have cleared 'BEE' Certificate Examination whereas the 'CEE' certificate has been cleared by 103 cadets. These certificates make them eligible for weightage if they wish to pursue higher education and direct call for SSB interviews of Army, Air Force and Paramilitary Forces.

**(iii) Red Cross and Red Ribbon Clubs**

Red Cross and Red Ribbon Clubs are very active in the college.

- Red Cross society provides financial assistance to about thirty needy and deserving students every year. These students receive text-books, shoes, sweaters and even examination fee from the society.
- The students and teachers of the college contribute funds for the welfare of the children of the parents who unfortunately lost their lives during terrorism. This money is sent to commercial Harmony Organization which is a unit of the Government of India.
- Red Ribbon Society tries to create awareness among students and members of society by organizing slogan-writing, poster-making and essay writing competition.
- The Red Cross Committee of our college organizes First Aid Training to the volunteers every year. In addition to that the college also organized 8 days free professional First-Aid Training by District First Aid Training Officer. These volunteers perform duty during the various functions organized by the District Administration.

**(iv) Legal Literacy Cell**

Legal Literacy Cell has been constituted in the college with the aim of spreading awareness among the students about their rights and duties. The cell was set up in 2009 and it works under the supervision of District and Session Judge.

(v) **Scholarships and Financial Assistance**

The institution provides scholarships and other types of financial assistance for the poor and meritorious students. During the session 2015-16, 81 students were given merit-cum-need scholarship amounting Rs. 3000/- each. The students are informed and encouraged to apply for various scholarship schemes of UGC and State Government.

**5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?**

The college has an Alumni Association. The membership forms of the Alumni Association are available on the college website for those who are interested in the membership of this association.

- An alumnus of the college is invited as the Chief Guest on the Annual Athletic Meet.
- Scholarships are sponsored by the alumni of the college for meritorious and poor students.

The alumni of the college have donned big positions in their respective fields, they are placed as College Teachers, Principals to Vice Chancellors, Generals in Army, Politicians as Ministers and MLAs, very successful Businessmen, the good Administrators, Doctors, Engineers, Chartered Accountants, Lawyers and Nice Human Beings. For example the great astronaut Dr. Kalpana Chawla is a college alumnus.

**SOME OF OUR PROMINENT ALUMNI AND THEIR POSITIONS**

NAME OF THE STUDENT	POSITION
Late Dr. Kalpana Chawla	Astronaut, NASA
Sh. C.K. Sawhney, IPS (Retd.)	Former Teacher, now Trustee, Dyal Singh College Trust Society, Karnal
Sh. Ankur Gupta, IAS	Chief Electrol Officer, Haryana & Principal Secretary to Govt. of Haryana
Sh. Navdeep Virk, IPS	I.G., Rohtak Range, Haryana Police
Sh. Pankaj Goyal, IFS	Conservator, Forest Department, Haryana
Dr. S.D. Sharma	Former Vice Chancellor, H.P. University, Shimla
Brig. N.K. Bhandari (Retd.)	Member, Dyal Singh College Governing Body, Karnal
Dr. K.C. Ralhan	Former Registrar, K.U., Kurukshetra
Justice Virender Singh	Former Session Judge
Sh. Narender Singh	A DC Yamuna Nagar
Sh. Harvinder Kalyan	M.L.A. & Chairman, HAFED.
Dr. Mahabir Nain, H.E.S.-I	Principal (Retd.), Govt. College for Women, Karnal
Sh. H. S. Chatha	Former Finance Minister, Haryana
Major Gen. Mohabbat Singh Virk (Retd.)	Indian Army

Dr. Shakat Singh	Former Economic Advisor to P.M. of Australia
Dr. R.K. Tuteja	Former Chairman, Department of Mathematics, MDU, Rohtak
Sh. B.S. Rathore	Member, Bar Council of India
Justice Surender Singh Rathore	Former Justice Haryana and Punjab High Court
Justice R K Chauhan	Addl.Session Judge Delhi
Sh. J.K. Rawat, IFS (Retd.)	Principal Chief Conservator, Haryana
Smt. Sumita Singh	Former MLA, Karnal
Sh. Narender Sangwan	Former MLA, Gharunda
Captain Ranjeet Singh Mann	2 Para/31 Rashtriya Rifles – Shaurya Chakra
Sh. S.K.Verma	Former Officer in I.B.
Prof. B.R. Gulati	General Manager, Dyal Singh College Trust Society, Karnal
Prof. (Dr.) Arvind Malik	Chairperson, Department of Physical Education, K.U. Kurukshetra
Dr R K Sharma	Associate Professor (Retd.),Dyal Singh. College, Karnal
Sh O P Kataria	Associate Professor (Retd.),Dyal Singh. College, Karnal
Sh Y K Kahal	Associate Professor (Retd.),Dyal Singh. College, Karnal
Dr. Amardeep	Scientist, O.N.G.C.
Major Jitender Kaushik	Army Engineering Corps.
Lt. Gen. (Retd.) V.P. Airy, MVC	Indian Army
Sh. Ranjit Issar, IAS (Retd.)	Additional Secretary, Govt. of India.
Ms. Ruby Adhikari, IAS	Principal Director, Ministry of Defence, New Delhi
Justice N.C. Jain	Chief Justice (Retd.)
Justice V.K. Bali	Punjab and Haryana High Court
Sh. Arvind Bali	Vice President, Videocon Narmada Glass
Dr. B.N. Mathur	Director, NAARM, Hyderabad
Dr. Arjava Sharma	Director , NBAGR, Karnal
Ms. Promila Issar, IAS	Former Teacher, now Haryana Cadre
Dr. R.K. Singla	Associate Professor (Retd.), Govt. P.G. College, Karnal
Ms. Indu Sharma	Associate Professor (Retd.),Dyal Singh. College, Karnal
Dr. Sanjay Arora	Associate Professor, GNK College, Yamunanagar
Dr. Sultan Singh	Professor, CDLU, Sirsa
Dr. Dinesh Kumar	Chairman, Geo-Physics Department, K.U. Kurukshetra
Dr. Rishipal	Associate Professor in Hindi, B.A.R. Janta College, Kaul



Sh A S Ahuja	Associate Professor (Retd.), Dyal Singh College, Karnal
CA S.L. Garg	Director, Paliwal Group of Industries and Educational Institutions, Panipat.
Sh. S.K. Bhardwaj, IPS (Retd.)	Former Teacher, Former DGP Bihar
Dr. S.S. Bindra	Professor, Department of Political Science and Dean, Faculty of Social Sciences, GNDU, Amritsar
Dr. Gurnam Singh	Prof. and Chairman, Dept. of Political Sc., GNDU, Amritsar
S. Rajinder Singh Cheema	Leading Advocate (Criminal) Punjab and Haryana High Court
Sh. Ravi Azad, IPS	Haryana Police
Sh. R.B. Bhardwaj, IPS (Retd.)	Maharashtra Cadre
Brig. Ravi Mohan	Indian Army
Sh. R.K. Bajaj	Commissioner, Income Tax, New Delhi
Dr. O.P. Chugh (Retd.)	Director, FSL, Haryana
Sh. Mangal Sain Nagra	Distt. and Sessions Judge (Retd.)
CA Manisha Saluja	Manager Finance and Accounts at Gurukul Vidya Peeth
CA Cheenali Goel	Bharat Diamond Bourse, BKC Mumbai
Sh. Sachin Wadhwa	Deputy Manager Axis Bank, Delhi
CA Payal Trikha	XBRL Analyst at IRIS Business Services Ltd. Mumbai
CA Neha Sharma	Grant Thornton and KPMG
Sh. Vikas Wadhwa	Asst. Manager at AXIS Bank, Gurgaon
Dr. R.K. Tuteja	Prof. of Mathematics, MDU, Rohtak
Dr. Jasmer Singh	Medical Practitioner, Karnal
Sh. K.K. Kaul	State Town Planner Punjab, Chandigarh
Dr. Mrs Subhita Ajmani	Govt. Hospital, Karnal
Dr. P.M. Gaur	Retd Principal, DAV College, Karnal
Sh. M.M. Bakshi	Retd. Principal, Govt. College, Haryana
Dr. Jag Mohan	Professor of Chemistry, MDU, Rohtak
Dr. G.D. Sharma	Leading Medical Practitioner, Karnal
Dr. Tejinder Singh	Leading Medical Practitioner, Karnal
Dr. Rajeev Gupta	Leading Medical Practitioner, Karnal
Dr. Parveen Garg	Leading Surgeon, Karnal
Dr. K.K. Gandhi	Sr. Scientist (Retd.), NDRI, Karnal
Dr. Mrs R.K. Grover	Principal (Retd.), DAV College of Edu. For Women, Karnal
Dr. Ms. Aruna Chhabra	Sr. Scientist, NDRI, Karnal
Sh. Joginder Singh Kaliana	Principal (Retd.), Dyal Singh College, Karnal and Progressive Farmer
Sh. B.S. Lather	Principal (Retd.), Govt. College, Karnal
Dr. A.K. Sood	Eye Surgeon, Karnal
Dr. S.K. Atreja	Principal Scientist, Department of Bio-Chemistry, NDRI, Karnal
Capt. Devi Sharan Verma	Commercial Pilot, Indian Airlines

Capt. Ankush Chopra	Commercial Pilot, Jet Airways
Sh. Anup Lather	Director (Retd.), Youth Welfare, K.U.K
Dr. Sanjay Ahlawat	Child Specialist, Karnal
Prof. Babu Ram	Dept. of Mathematics, MDU, Rohtak
Wing Commander R.K. Ohri (Retd.)	Former Captain, Services Cricket Team in Ranji Trophy, Coach Sports Authority of India
Dr. S.L. Paul	Professor (Retd.), Department of English, K.U. Kurukshetra
Sh. Amarjeet Singh Sahni	Leading Advocate (Criminal) Distt. Court, Karnal
Sh. Jai Parkash	Ex-Deputy Minister, Govt.of India
Sh. Surender Singh Barwala	Ex-M.P.
Sh. Jai Parkash Gupta	MLA, Karnal
Sh. Mahender Singh Lather	Ex-MP, Karnal
Sh. Bhim Sen Mehta	Ex-Minister, Haryana
Col. Manjeet Singh	814/9, U.E. Karnal
Sh. Satyapal Singh	Associate Prof. in Political Science, Govt. P.G. College, Karnal
Sh. Vineet Kapoor	Vice President Morgan Stanley, Princeton, New Jersey (USA)
Sh. Avinash Bansal	O.P.S. Jewellers, Karnal
Capt. Iqbal S. Kadyan (Retd.)	Indian Army
Dr. Shishir Gupta	Finance Pension Analyst, Delphi Corporation, Troy, Michigan (USA)
Sh. Vipin Gupta	Director, Jagdamba Foods, New Delhi
Sh. Nipun Bansal	FCA, FICWA Controller-Corporate Financial Planning and Analysis Ericsson India Private Ltd., New Delhi
Sh. Adesh Gupta	Director, Liberty Footwear, Railway Road, Karnal
Sh. Om Pal Singh Rana	Senior Manager, Punjab National Bank
Sh. J.N. Vohra	Practicing Chartered Engineer and Textile Consultant 5176, MHC, Mani Majra, Chandigarh-160101
Dr. Sohinderjit Singh	Private Practice, Orthodontic and Dental Clinic SCF 85-86, FF, Sector 16-D, Chandigarh
Dr. Omvir Singh	Professor, Department of Geography, K.U. Kurukshetra.
Dr. Amit Ludri	Associate Professor, Department of Law, K.U. Kurukshetra.
Sh. Trilok Bhardwaj	Scientist, NPL, Delhi
Dr. P.S. Uberoi	Sr Scientist, Krishi Gyan Kendra, N.D.R.I, Karnal
Prof. Dr. S.P.S. Madan (Retd.)	Dept of Olericulture (Horticulture) P.A.U, Ludhiana.
Sh. Suba Singh	Vice-President, Haryana Kisan Sabha
Sh. Jai Parkash Chaudhry	President, Consumer Court, Faridabad

Dr. Swaran Singh	Director of Correspondence Courses, Punjab University, Chandigarh
Ms. Sarita Ganotra	Associate Prof. Dyal Singh College, Karnal
Dr. Sonia Kamboj	M.D. DNB (Gold Medalist), Genesis Fertility and Surgical Centre, Jalandhar
Dr. Devender Singh	Asstt. Prof. Dyal Singh College, Karnal
Dr. Vishakha Gupta	Asstt. Prof. Dyal Singh College, Karnal
Dr. Gian Bhushan	Asstt. Prof. G.N. Khalsa College, Yamunanagar
Dr. Parveen Vats	Asstt. Prof. Govt. College, Karnal
Ms. Ashtha Bhatia	Asstt. Prof. Dyal Singh College, Karnal
Sh. Raj Kumar	Ex-Minister, Haryana
Sh. Suresh Malik	TV Artist
Sh. Bhupinder Pal Singh Kushwaha	Scientist, Melbourne University, Australia
Dr. Rekha Sharma	Senior Scientist, NBAGR, Karnal
Ms. Riti Singh	Research, NBAGR, Karnal
Ms. Neerja Tyagi	Research, NDRI, Karnal
Ms. Nisha Chopra	Scientist, F.M. Section, NDRI, Karnal
Sh. Anil Dhawan	S.P., Jind
Sh J.R. Gaur	Former Director, FSL (H.P.)
Dr. A.L. Bambah	Medical Practitioner, Karnal
Sh. Raman Bansal	Liberty House, Karnal
Sh. Bhartaindu Grover	Engineer, Maruti Udyog Ltd., Gurgaon
Sh. Sanjay Gupta	Liberty House, Karnal
Dr. Vikas Kaushal	Medical Specialist, Karnal
Sh. O.P. Nayyar	Music Director, Mumbai
Dr. Rattan Singh	Scientist, D.B. Division, NDRI, Karnal
Sh. Vijay Sawhney, Theatre Personality	Advocate, Dist. Courts, Karnal
Sh. Subodh Gupta	Advocate, Karnal
Dr. Prem Pal Bambah	Medical Practitioner
Sh. Sunil Kumar Bansal	Ms Liberty Footwear Company, Karnal
Sh. Aditya Bansal	Director, Century Public School, Gharunda,
Sh. Bharat Bhushan	Solvex Oil and Fertilizers, G.T. Road, Karnal
Sh. Chander Gupt	Sajavat, Opp. Head Post Office, Karnal
Sh. Ashwani Dewan	Chartered Accountant, L-531, Model Town, Karnal
Sh. Kul Bhushan Jain	National Fine Arts Press, Karnal
Dr. Mohinder Singh Lamba	Medical Practitioner, 226, Model Town, Karnal
Dr. Vivek Ranga	Associate Professor, Govt. College for Women, Karnal
Dr. Naveen Batra	Associate Professor, Govt. College for Women, Karnal

Sh. Neeraj Dawer	Asstt. Manager, G.E. Capital Company, CA, ICWA, Gurgaon
Dr. Rajan Lamba	Principal, Tagore Public School, Karnal
Sh. Naveen Goel	Branch Manager, HDFC Bank
Sh. Sandeep Arora CA	Kunjapura Road, Karnal
Sh. Amit Mittal CA	799/2, Panchkula
Sh. Rajesh Singla , CA	219/14, U.E., Karnal
Sh. S.L. Garg , CA	M/s Palliwal Industries, Panipat
Sh. Pankaj Aneja CA	M/s United Rice Mills, Kurukshetra
Sh. Dinesh Jain , CA	Private Practice, Panipat
Ms. Rakhee Sehgal	Software Consultant, Delphi Co., New Jersey, USA
Sh. Rohit Vij	Service Engineer, Blue Star, Jaipur
Sh. Samar Vij	Territorial Manager, Johnson and Johnson, Ludhiana
Sh. Rajeev Sawhney	Regional Marketing Manager, Middle East Region, Qatar, Dubai
Dr. Rekha Lal	Medical Director, Alabama, USA
Mrs Bindu Aggarwal	Asstt. Corporate Manager, Chambal Fertilizer, New Delhi
Sh. Prashant Juneja	Divisional Manager, Speciality Merchandising Service Pvt. Ltd., New Delhi
Dr. Kulwant Singh	Principal Scientist (Retd. ), Dairy Economics, NDRI, Karnal
Dr. Alok Gupta, MD	Dr. G.B. Nursing Home, Karnal
Mr. Prashant Tuli	Deputy Manager, Maruti Udyog Ltd.
Dr. Shyam Kumar	Professor of Physics, K.U. Kurukshetra
Dr. Ramesh Kamboj	Professor in Chemistry, K.U. Kurukshetra
Dr. R.K. Gupta	Professor and Head, Department of Industrial Chemistry, GJUST, Hissar
Dr. Ram Pal	Associate Professor, Department of Chemistry, Institute of Engg., Longowal, Punjab
Sh. Rajinder Kumar Gupta	Electronic Engineer JTO, Telephone Exchange, Karnal
Ms. Gurvinder Kaur	Electronic Engineer JTO, Telephone Exchange, Karnal
Dr. Ashwani Mittal	Associate Professor, Department of Bio-Chemistry, University College, Kurukshetra
Sh Rajesh Ranja	Assistant Professor in History, Govt College, Mutak Majri, Indri
Dr. Chander Mohan	Associate Professor in English, Govt College, Karnal
Sh. Vipin Panwar	Associate Professor in Political Science, Govt College, Karnal

The alumni provide their inputs as feedback to the college administration which help us to improve and maintain our academic standards.

Our alumnus Sh. H.S. Chatha Former Finance Minister Haryana gave Rs. 1,00,000 from his grant to the college which was used for the renovation of chemistry laboratories.

## **5.2 Student Progression**

### **5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.**

<b>Student progression</b>	<b>Percentage (%)</b>
UG to PG	<b>58.12</b>
PG to M.Phil.	<b>18.00</b>
PG to Ph.D.	<b>05.00</b>
Employed	
• Campus selection	<b>08.00</b>
• Other than campus recruitment	<b>11.00</b>

**5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.**

**Results of the Last 4 Years**

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
<b>B.Sc. I Semester</b>	59.88	69	46.00	55.97	15	N.A	65.42	148	34.10	45.45	109	32.72
<b>B.Sc. II Semester</b>	77.53	162	N.A	52.95	149	50.77	77.53	159	34.56	R/A	R/A	N.A
<b>B.Sc. III Semester</b>	64.81	110	24.52	62.5	137	N.A	63.88	156	48.75	60.10	153	42.35
<b>B.Sc. IV Semester</b>	71.02	152	N.A	55.62	159	51.07	56.13	163	42.40	56.99	166	33.71
<b>B.Sc. V Semester</b>	58.53	148	54.99	64.24	93	35.32	31.33	112	50.89	51.84	136	38.91
<b>B.Sc. VI Semester</b>	76.70	148	58.70	25.00	163	48.37	85.71	153	61.93	52.63	185	43.44
<b>B.Com. I Semester</b>	97.00	144	56.55	42.00	57	N.A.	54.87	114	34.27	61.35	120	37.05
<b>B.Com. II Semester</b>	95.00	142	57.60	53.09	55	40.96	59.66	110	N.A.	64.25	121	40.90
<b>B.Com. III Semester</b>	98.00	109	56.79	71.00	110	56.79	55.67	115	37.65	65.52	123	N.A
<b>B.Com. IV Semester</b>	97.00	108	56.00	88.28	87	69.56	52.09	104	46.38	76.03	111	39.93
<b>B.Com. V Semester</b>	73.04	98	62.64	77.00	110	67.55	84.12	149	71.32	56.98	110	43.98
<b>B.Com. VI Semester</b>	79.00	98	46.00	84.00	126	73.20	95.83	174	76.28	63.10	121	53.79

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
<b>B.A. I Semester</b>	21.42	9	30.19	17.74	10	22.54	8.28	10	22.54	14.77	13	29.16
<b>B.A. II Semester</b>	15.60	7	N.A	21.07	13	29.83	10.38	22	25.03	R/A	R/A	N.A
<b>B.A. III Semester</b>	44.0	8	N.A	23.41	10	N.A	15.89	9	21.40	15.89	9	21.40
<b>B.A. IV Semester</b>	45.0	8	N.A	23.39	8	38.48	22.57	29	26.13	26.37	30	29.07
<b>B.A. V Semester</b>	16.9	5	N.A	23.72	2	36.87	17.34	5	36.87	15.73	15	22.28
<b>B.A. VI Semester</b>	34.9	8	N.A	25.00	9	48.37	50.92	15	45.20	14.60	11	45.20
<b>B.A. Hons (Eco) I Sem</b>	74.60	-	75.00	37.50	1	N.A	73.68	10	N.A	100.00	8	N.A
<b>B.A.Hons (Eco) II Sem</b>	22.22	1	N.A	57.14	9	N.A	82.35	13	N.A.	R/A	R/A	N.A
<b>B.A.Hon.(Eco) III Sem</b>	23.07	-	58.00	Nil	Nil	N.A	60	54	N.A	R/A	R/A	N.A
<b>B.A.Hon.(Eco) IV Sem</b>	81.84	1	N.A.	33.33	-	N.A.	42.85	2	N.A.	R/A	R/A	N.A.
<b>B.A. Hon. (Eco) V Sem</b>	29.40	2	N.A	70.00	2	N.A	100.00	Nil	N.A.	64.28	1	N.A
<b>B.A.Hon.(Eco) VI Sem</b>	30.76	2	N.A	40.00	4	N.A	50.00	Nil	N.A	83.33	5	N.A
<b>B.A. Hons (Eng) I Sem</b>	53.28	2	57.00	43.75	3	N.A	45.45	8	N.A	21.73	7	N.A
<b>B.A.Hons (Eng) II Sem</b>	62.50	5	N.A	58.33	4	N.A	52.63	7	N.A	R/A	R/A	N.A
<b>B.A.Hon.(Eng) III Sem</b>	75.00	6	26.00	75.00	7	N.A	71.42	6	N.A	55.55	7	N.A
<b>B.A.Hon.(Eng) IV Sem</b>	85.71	3	N.A.	60.00	4	N.A.	57.14	3	N.A.	R/A	R/A	N.A.
<b>B.A.Hon. (Eng) V Sem</b>	70.00	3	N.A	100.00	4	N.A	80.00	7	N.A	92.30	5	N.A
<b>B.A.Hon.(Eng) VI Sem</b>	87.50	2	52.15	90.90	6	N.A	92.30	8	N.A	76.92	3	N.A

Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
BCA I Semester	37.08	17	39.90	31.37	7	26.31	13.80	3	27.42	15.15	4	N.A
BCA II Semester	60.48	17	N.A.	44.44	14	33.02	0.08	5	N.A.	55.81	22	N.A
BCA III Semester	63.04	22	35.54	60.00	22	43.03	31.25	10	35.30	36.80	11	36.59
BCA IV Semester	88.17	36	N.A.	53.33	15	36.60	0.01	1	N.A.	15.38	8	39.23
BCA V Semester	78.04	31	N.A.	75.00	39	61.53	59.65	27	58.56	58.69	Nil	47.83
BCA VI Semester	91.72	31	69.57	92.85	39	72.01	78.57	35	70.44	54.34	17	44.77
M.A. Eng. I Semester	81.09	06	N.A	64.28	1	51.25	52.00	6	43.62	70.37	3	N.A
M.A. Eng. II Semester	82.00	06	N.A	61.53	2	50.48	75.00	6	44.08	52.00	4	N.A
M.A. Eng. III Sem.	84.03	02	N.A	77.77	3	60.02	58.00	1	53.37	69.56	14	N.A
M.A. Eng. IV Semester	89.7	02	61.04	68.57	2	64.05	60.00	2	43.70	56.52	8	N.A
M.A. Hindi I Semester	93.00	02	79.02	69.23	2	72.45	57.14	3	89.28	77.27	5	73.01
M.A. Hindi II Sem.	94.00	02	N.A	83.33	8	84.02	75.00	3	64.70	84.00	5	83.89
M.A. Hindi III Sem.	85.02	07	82.09	100.00	20	88.00	98.18	6	89.28	75.00	3	63.08
M.A. Hindi IV Sem.	88.00	07	61.04	100.00	20	N.A	69.23	6	87.57	100.00	4	86.70
M.A. Pol. Sc. I Sem.	83.09	04	41.91	76.19	4	36.6	71.42	5	N.A.	60.00	12	N.A
M.A. Pol. Sc. II Sem.	85.2	04	73.55	73.68	2	69.55	42.85	3	N.A.	77.77	17	N.A
M.A. Pol. Sc. III Sem.	72.09	11	79.21	68.57	2	55.71	72.22	5	N.A.	40.00	5	N.A
M.A. Pol. Sc. IV Sem.	91.1	15	61.04	77.41	5	65.32	58.82	4	N.A.	85.71	10	N.A



Class	2012-13			2013-14			2014-15			2015-16		
	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)	College (%)	1 <sup>st</sup> Division	University (%)
M.A. Eco. I Sem.	78.09	08	44.04	54.54	6	N.A.	85.00	12	42.06	14.28	2	35.51
M.A. Eco. II Sem.	89.4	10	N.A.	100.00	5	50.16	70.00	14	49.14	35.71	5	32.01
M.A. Eco. III Sem.	N.A.	N.A.	N.A.	87.50	10	N.A.	91.43	-	63.28	33.33	4	N.A.
M.A. Eco. IV Sem.	N.A.	N.A.	N.A.	83.33	8	N.A.	0.00	0	N.A.	94.44	15	62.30
M.Com. I Sem.	70.6	28	N.A.	89.55	25	59.09	83.01	26	N.A.	94.43	42	N.A.
M.Com. II Sem.	97.04	27	N.A.	71.00	26	83.33	80.76	33	N.A.	N.A.	N.A.	N.A.
M.Com. III Sem.	92.5	41	N.A.	96.00	43	78.18	96.07	44	N.A.	54.90	27	N.A.
M.Com. IV Sem.	95.0	41	N.A.	94.64	46	77.12	86.53	39	N.A.	95.83	43	N.A.
M.Sc. Chem. I Sem.	89.6	02	94.27	76.47	15	68.07	79.48	23	N.A.	61.90	24	N.A.
M.Sc. Chem. II Sem.	58.33	18	92.42	86.84	32	73.90	86.84	32	N.A.	71.42	30	N.A.
M.Sc. Chem. III Sem.	90.0	09	N.A.	44.44	15	N.A.	58.33	15	81.52	40.00	12	N.A.
M.Sc. Chem. IV Sem.	94.0	09	N.A.	69.44	24	77.56	71.92	29	N.A.	55.00	22	N.A.
M.Sc. Forensic Science I Sem.	-	-	-	-	-	-	-	-	-	80.00	11	N.A.
M.Sc. Forensic Science II Sem.	-	-	-	-	-	-	-	-	-	R/A	R/A	N.A.

\* N.A. = Not available \* R/A = Result awaited

In addition to that our students bag high merit positions in different classes in the University examination.

### 5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The institution is constantly engaged in encouraging the students towards successful completion of their courses and progression to higher level of education. In pursuance of this aim, the college takes the following steps:

- Students are guided and encouraged by their respective departments to pursue higher education.
- The Professors from various departments are invited to deliver extension lectures, to highlight the achievements of their departments and to motivate the students to pursue higher studies.
- Remedial coaching is arranged.
- Peer learning encourages the students to clear their exams.
- A placement and career guidance cell assists the students to secure placement by arranging job interviews and examinations by private and multinational companies in India. The cell also extends counseling services to the students by organizing personality development programmes periodically. Information about admissions in higher educational institutions and different job fairs and openings in various sectors is provided to the students by displaying it on the notice boards of the college.

### 5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Initially, such students are identified by taking the following factors into account:

- Attendance
- Academic performance
- Involvement in various college activities
- General behaviour.

To help such students, a positive relationship is developed by the teachers. They are given open atmosphere to express their weaknesses and strong points and then the needful action is initiated in the form of extra attention towards them by the faculty in their free periods. SMS are sent to the parents/students.

## 5.3 Student Participation and Activities

### 5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

**Sports Activities**  
**Programme Calender (2015-2016)**

Sr. No.	Dates	Game	Level of Competition	Venue	No. of Participants
1	05.09.15-06.09.15	Cross Country	Inter Zonal	K.U. Kurukshetra	07

2	07.09.15-08.09.15	Volleyball	Zonal	D.A.V. College, Karnal	12
3	07.09.15-08.09.15	Table Tennis	Zonal	K.U. Kurukshetra	5
4	14.09.15	Chess	Zonal	GIMT, Kanipla, Kurukshetra	5
5	16.09.15	Kabaddi	Zonal	S.D.College, Panipat	12
6	18.09.15-19.09.15	Badminton (M)	Zonal	Arya College, Panipat	5
7	19.09.15-20.09.15	Badminton (W)	Zonal	D.A.V. Girls College, Yamunanagar	5
8	28.09.15-29.09.15	Swimming	Inter Zonal	K.U. Kurukshetra	1
9	03.10.15-16.10.15	Cricket	Inter Zonal	K.U. Kurukshetra	16
10	05.10.15-09.10.15	Boxing	Inter Zonal	K.U. Kurukshetra	02
11	23.10.15-24.10.15	Taekwondo	Inter Zonal	Arya College Panipat	1
12	24.10.15-25.10.15	Basketball (M)	Zonal	S.A.Jain College, Ambala City	11
13	25.10.15	Football	Zonal	S.D. College, Panipat	16
14	25.10.15	Ball Badminton	Zonal	S.A. Jain College, Ambala City	10
15	03.11.15	Wrestling	Inter Zonal	CRM Jaat College, Hisar	1
16	07.11.15	Athletics	Inter Zonal	K.U. Kurukshetra	3
17	15.11.15	Shooting	Inter Zonal	D.A.V. Girls College, Yamaunanagar	2
18	13.12.15	Best Physique	Inter Zonal	S.A. Jain College, Ambala City	1
19	07.02.16	Handball	Zonal	M.N. College, Shahabad	12

**Co-Curricular, Extra-Curricular and Cultural Activities (Inter College)**

**Program Calendar (2015-16)**

<b>Sr. No.</b>	<b>Level of Competition</b>	<b>Events</b>	<b>Venue</b>	<b>Dates</b>
1	Zonal Youth Festival	Music, Dance, Mime	Metiz College, Anta (Jind)	28.09.2015-30.09.2015
2	State Level Inter College Wildlife Photography Competition	Wildlife Photography Competition	Biology Association, Dyal Singh College, Karnal	Oct. 2015
3	District Level Inter College Quiz Competition	Quiz Competition	Govt. P.G. College, Karnal	12.10.2015
4	Inter College Declamation Contest	Jago Grahak Jago	Legal Literacy and Consumer Awareness Cell, Dyal Singh College, Karnal	14.10.2015
5	District Level Inter College Essay Writing Competition	Essay Writing Competition on 'प्रजातंत्र की जान : मत, मतदाता और मतदान'	Dyal Singh College, Karnal	17.10.2015
6	District Level Inter College Science Essay Writing Competition	Science Essay Writing Competition	Govt. P.G. College, Karnal	28.10.2015
7	State Level Inter College Essay Writing Competition	Essay Writing Competition on Environment	Biology Association, Dyal Singh College, Karnal	Nov. 2015
8	Inter District Science Exhibition	Science Exhibition	Govt. P.G. College, Karnal	30.01.2016
9	District Level Inter College Declamation Contest	Declamation Contest on Evolution of Leadership in Coopertative Movement	Dyal Singh College, Karnal	28.01.2016
10	डॉ. रतनचंद्र शर्मा राज्य स्तरीय अर्न्तमहाविद्यालय हिन्दी कवितां पाठ प्रतियोगिता	हिन्दी कवितां पाठ प्रतियोगिता	Dyal Singh College, Karnal	26.02.2016

11	Dewan Anand Kumar Memorial State Level Quiz Contest on Environment	Quiz Contest on Environment	Environment Club & Biology Association Dyal Singh College, Karnal	03.03.2016
12	Dewan Anand Kumar Memorial State Level Chart making Competition	Chart Making Competition on Environment	Environment Club & Biology Association Dyal Singh College, Karnal	03.03.2016
13	State Level Science Exhibition	Science Exhibition	Govt. P.G. College, Karnal	18.03.2016 -19.3.2016
14	State Level Inter College Quiz Competition	Quiz Competition	S.D. College, Ambala Cantt.	30.03.2016

**Co-Curricular, Extra-Curricular and Cultural Activities (Intra College)**

**Program Calendar (2015-16)**

Sr. No.	Level of Competition	Events	Venue	Dates
1	Intra College Competition	Rangoli and Rakhi Making Competition	Women Development Centre	28.08.2015
2	Intra College Competition	Essay Writing Competition	Physics Association	Sep. 2015
3	Intra College Competition	Poster Making, Painting, Slogan Writing Competition	Fine Arts & Painting Club	03.09.2015
4	Intra College Competition	Singing Competition	Youth Welfare and Cultural Committee	08.09.2015
5	Intra College Competition	Essay Writing Competition	Chemistry Association	08.09.2015
6	Intra College Competition	Dance Competition	Youth Welfare and Cultural Committee	10.09.2015
7	Intra College Competition	Playing Instruments	Youth Welfare and Cultural Committee	11.09.2015
8	Intra College Competition	Quiz Contest	Physics Association	14.09.2015

9	Intra College Competition	Rangoli and Best Out of Waste Competition	Fine Arts & Painting Club	17.09.2015
10	Intra College Competition	Poster Making Competition	Physics Association	18.09.2015
11	Intra College Competition	Sudoku Competition and Quantative Aptitude cum Reasoning Test	Mathematics Association	21.09.2015
12	Intra College Competitions	Cartoon Making / Caricature and Paper Quilling Competition	Fine Arts & Painting Club	22.09.2015
13	Intra College Competition	Slogan Writing Competition	Biology Association	29.09.2015
14	Intra College Competition	Poster Making Competition	Biology Association	29.09.2015
15	Intra College Competition	Chart Making Competition	Chemistry Association	Oct. 2015
16	Intra College Competition	Computer Painting Competition	Computer Science Association	09.10.2015
17	Intra College Competition	Declamation Contest	Legal Literacy Cell/ Consumer Awareness Cell	14.10.2015
18	Intra College Competition	Know Your Syllabus Quiz	Biology Association	19.10.2015
19	Intra College Competition	Mehandi Competition	Women Development Centre	28.10.2015
20	Intra College Competition	Wild Life Photography Exhibition	Biology Association	03.03.2016
21	Intra College Competition	Power Point Presentation Competition	Computer Science Association	18.03.2016
22	Intra College Competition	Declamation Contest	Commerce Association	18.03.2016
23	Intra College Competition	Paper Reading Contest	Chemistry Association	28.03.2016
24	Intra College Competition	Know Your Syllabus Quizes	Punjabi Association	29.03.2016-01.04.2016
25	Intra College Competition	Gift Wrapping Competition	Fine Arts & Painting Club	30.03.2016

**5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.**

**Achievements of Sports Activities 2012-13**  
**Team Events**

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	03/09/12 to 05/09/12	Football	Zonal	Govt. P.G. College, Karnal	18	-	
2	10/09/12 to 11/09/12	Kabaddi	Zonal	S.D. College, Panipat	12	-	
3	18/09/12 to 22/09/12	Cricket	Zonal	Dyal Singh College, Karnal	16	<b>1<sup>st</sup></b>	Mohit Kalyan of PGDCA, Shubham Sharma of B.Com. 5 <sup>th</sup> Sem., Veer Bahadur of B.A. 5 <sup>th</sup> Sem., Navdeep Saini of B.Sc. 1 <sup>st</sup> Sem., Aman Sirohi of B.Com. 1 <sup>st</sup> Sem. represented K. U. in North Zone Cricket Championship
4	26/09/12 to 28/09/12	Cricket	Inter Zonal	Dyal Singh College, Karnal	16	<b>1<sup>st</sup> Univ. Championship</b>	
5	10/10/12 to 11/10/12	Hockey	Zonal	Kurukshetra University, Kurukshetra	18	<b>2<sup>nd</sup></b>	
6	26/10/12 to 27/10/12	Volleyball	Zonal	Dyal Singh College, Karnal	12	<b>4<sup>th</sup></b>	Shubham Chaudhary of B.Com. 1 <sup>st</sup> Sem. represented KUK in North Zone Inter Univ. Volleyball Championship and Won Gold Medal

**Individual Events**

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	03/09/12 to 05/09/12	Swimming	Inter Zonal	K.U. Kurukshetra	1	<b>Silver Medal</b>	
2	03/09/12 to 04/09/12	Chess	Zonal	Dyal Singh College, Karnal	5	-	
3	03/09/12 to 05/09/12	Badminton (M & W)	Zonal	Dyal Singh College, Karnal	5 + 5 = 10	<b>Second (M)</b>	
4	05/10/12 to 06/10/12	Cycling	Inter Zonal	K.U. Kurukshetra	1	-	
5	18/10/12 to 21/10/12	Boxing	Inter Zonal	Govt. College, Hisar	6	<b>3 Bronze Medals</b>	Sanjay Sangwan of B.Sc. 3 <sup>rd</sup> Sem., Sandeep Kumar of B.A. 3 <sup>rd</sup> Sem. and Mukesh of B.A. 1 <sup>st</sup> Sem.
6	30/10/12 to 01/11/12	Wrestling	Inter Zonal	Oxford Girls College of Edu., Uklana Mandi, Hisar	2	-	
7	26/11/12 to 28/11/12	Athletics	Inter Zonal	K.U. Kurukshetra	4	-	
8	22/11/12 to 23/11/12	Air Pistol and Rifle Shooting	Inter Zonal	Y.I.E.T., Gadholi, Yamuna Nagar	3	-	
9	25/11/12 to 26/11/12	K.U.K Annual Athletic Meet	Univ.	K.U. Kurukshetra		-	
10	7/2/2013	Power Lifting	Inter Zonal	Y.I.E.T., Gadholi, Yamuna Nagar	1	-	

**The College organized Zonal Volleyball, Cricket, Badminton and Chess Championship and Inter Zonal Cricket Championship.**



**Achievements of Sports Activities 2013-14**  
**Team Events**

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	09.09.13 to 10.09.13	Chess	Zonal	MLN College Yamuna Nagar	5	-	-
2	09.09.13 to 10.09.13	Football	Zonal	Govt. P.G. College, Karnal	18	-	-
3	17.09.13 to 29.09.13	Cricket	Inter Zonal	Dyal Singh College, Karnal	16	<b>2<sup>nd</sup></b>	Mohit Kalyan of M.Com. I Sem, Navdeep Saini of B.Sc. 3 <sup>rd</sup> Sem. Aman Sirohi of B.Com. 3 <sup>rd</sup> Sem. represented KU in North Zone Cricket Championship
4	21.09.13 to 25.09.13	Volleyball	Zonal	D.A.V. College, Karnal	12	<b>2<sup>nd</sup></b>	Shubham Chaudhary of B.Com. 3 <sup>rd</sup> Sem. represented KUK in North Zone and All India Univ. North Zone Volleyball Championship and got 1 <sup>st</sup> position
5	24.09.13	Hockey	Zonal	K.U. Kurukshetra	16	-	Rohit of B.Sc. 3 <sup>rd</sup> Sem attended the University camp
6	03.10.13 to 05.10.13	Badminton (M)	Zonal	Dyal Singh College, Karnal	5	-	-
7	03.10.13 to 05.10.13	Badminton (W)	Inter Zonal	Dyal Singh College, Karnal	5	<b>1<sup>st</sup> in Zonal</b>	-
8	08.10.13 to 09.10.13	Kabaddi	Zonal	S.D. College, Panipat	12	-	-

9	06.12.14 to 07.12.14	Kabaddi Circle Style	Zonal	G.N.K. College, Yamuna Nagar	12	2 <sup>nd</sup>	-
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**Individual Events**

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	01.09.13	Cross Country	Inter Zonal	K.U. Kurukshetra	6	-	-
2	02.09.13 to 04.09.13	Swimming	Inter Zonal	K.U. Kurukshetra	3	-	-
3	08.10.13 to 09.10.13	Malkhamb	Inter Zonal	K.U. Kurukshetra	3	-	-
4	29.10.14 to 30.10.14	Taekwondo	Inter Zonal	S.A. Jain College, Ambala City	1	-	-
5	06.11.13 to 08.11.13	Wrestling	Inter Zonal	Govt. College Panchkula	3	-	-
6	10.11.13 to 13.11.13	Boxing	Inter Zonal	Oxford Girls College of Edu. Uchana Mandi	2	<b>Gold</b>	-
7	14.11.13 to 16.11.13	Athletics	Inter Zonal	K.U. Kurukshetra	3	-	-
8	06.01.14 to 07.01.14	Pistol & Rifle Shooting	Inter Zonal	S.A. Jain College, Ambala City	1	-	-
9	31.01.14	Best Physique	Inter Zonal	D.A.V. College Cheeka	1	3 <sup>rd</sup>	-

**The College organized Zonal Badminton (M) Championship and Inter Zonal Cricket and Badminton (W) Championships.**

**Achievements of Sports Activities 2014-15**  
**Team Events**

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	08.09.14	Ball Badminton	Zonal	DAV College, Pehowa	10	-	-
2	08.09.14 to 11.09.14	Table Tennis	Inter Zonal	MLN College, Yamuna Nagar	5	<b>Silver Medal</b>	Akbar of B.Com. 3 <sup>rd</sup> Sem Selected for University Team
3	20.09.14 to 23.09.14	Volleyball	Inter Zonal	Janta College, Kaul	12	<b>Gold Medal</b>	Shubham of B.Com. 5 <sup>th</sup> Sem selected for Univ. Team. He got Gold medal in All India University Championship
4	22.09.14 to 24.09.14	Badminton (M)	Zonal	Arya College, Panipat	5	-	-
5	23.09.14 to 24.09.14	Badminton (W)	Zonal	Arya College, Panipat	5	<b>2<sup>nd</sup></b>	-
6	26.09.14	Chess	Zonal	Arya College, Panipat	5	-	-
7	27.09.14	Basketball (W)	Zonal	K.U. Kurukshetra	5	-	-
8	29.09.14	Handball	Zonal	K.U. Kurukshetra	12	<b>2<sup>nd</sup></b>	-
9	26.09.14 to 06.10.14	Cricket	Inter Zonal	K.U. Kurukshetra	16	<b>Gold Medal</b>	Mohit of M.Com. 3 <sup>rd</sup> Sem, Aman of B.Com. 5 <sup>th</sup> Sem, Parvinder of B.A. 1 <sup>st</sup> Sem, Navdeep of B.Sc. 5 <sup>th</sup> Sem. represented KUK. in AIU & North Zone and got 2 <sup>nd</sup> position
10	03.11.14	Football	Zonal	S.D. College, Panipat	16	-	Ajay of B.A. 1 <sup>st</sup> Sem. selected for Univ. team camp

11	03.11.14	Basketball	Zonal	S.A. Jain College Ambala City	10	-	Kawaljeet of B.A. 1 <sup>st</sup> Sem selected for University team
12	15.01.15	Hockey	Zonal	K.U. Kurukshetra	15	-	Rohit of B.Sc. 5thSem. selected for University team camp

### Individual Events

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	06.09.14 to 07.09.14	Cross Country	Inter Zonal	K.U. Kurukshetra	8	-	-
2	08.09.14	Swimming	Inter Zonal	K.U. Kurukshetra	1	-	-
3	15.11.14 to 17.11.14	Athletics	Inter Zonal	K.U. Kurukshetra	2	-	-
4	14.12.14	Best Physique	Inter Zonal	G.N.K. College, Karnal	2	3 <sup>rd</sup>	-
5	03.01.15 to 04.01.15	Boxing	Inter Zonal	Govt. College, Hisar		-	-
6	31.01.15 to 01.02.15	Taekwondo	Inter Zonal	Arya College, Panipat		2 <sup>nd</sup>	-

### Achievements of Sports Activities 2015-16

#### Team Events

S. N.	Dates	Game	Level	Venue	No. of Participants	Position	Remarks
1	07.09.15 to 08.09.15	Volleyball	Zonal	D.A.V.P.G. College, Karnal	12	2 <sup>nd</sup>	Nikhil of B.A. 3 <sup>rd</sup> Sem selected for Univ. team & got Gold medal in North Zone & Silver medal in AIU

2	07.09.15 to 08.09.15	Table Tennis	Zonal	K.U. Kurukshetra	5	-	-
3	14.09.15	Chess	Zonal	GIMT Kanipla, Kurukshetra	5	-	-
4	16.09.15	Kabaddi	Zonal	S.D. College, Panipat	12	-	-
5	18.09.15 to 19.09.15	Badminton (M)	Zonal	Arya College, Panipat	5	-	-
6	19.09.15 to 20.09.15	Badminton (W)	Zonal	DAV Girls College, Yamuna Nagar	5	-	-
7	03.10.15 to 16.10.15	Cricket	Inter Zonal	K.U. Kurukshetra	16	<b>Bronze Medal</b>	Parvinder of B.A. 3 <sup>rd</sup> Sem, Anirudh of M.A. Hindi 1 <sup>st</sup> Sem and Harshit of B.A. 1 <sup>st</sup> Sem. selected for Univ. team
8	24.10.15 to 25.10.15	Basketball (M)	Zonal	S.A. Jain College, Ambala City	11	<b>2<sup>nd</sup></b>	-
9	25.10.15	Football	Zonal	S.D. College, Panipat	16	-	Ankit of B.A. 3 <sup>rd</sup> Sem selected for University team
10	25.10.15	Ball Badminton	Zonal	S.A. Jain College, Ambala City	10	-	-
11	07.02.16	Handball	Zonal	M.N. College, Shahbad	12	-	-

#### Individual Events

S. N.	Dates	Game	Level	Venue	No. of Parti cipa nts	Position	Remarks
1	05.09.15 to 06.09.15	Cross Country	Inter Zonal	K.U. Kurukshetra	7	-	-

2	28.09.15 to 29.09.15	Swimming	Inter Zonal	K.U. Kurukshetra	1	<b>2 Gold, 2 Silver</b>	-
3	05.10.15 to 09.10.15	Boxing	Inter Zonal	K.U. Kurukshetra	2	<b>1 Bronze</b>	-
4	23.10.15 to 24.10.15	Taekwondo	Inter Zonal	Arya College, Panipat	1	<b>1 Bronze</b>	-
5	03.11.15	Wrestling	Inter Zonal	CRM Jaat College, Hisar	1	-	-
6	07.11.15	Athletics	Inter Zonal	K.U. Kurukshetra	3	-	-
7	15.11.15	Shooting	Inter Zonal	DAV Girls College, Yamuna Nagar	2	-	-
8	13.12.15	Best Physique	Inter Zonal	S.A. Jain College, Ambala City	1	-	-

**The College organized Zonal Badminton (M) Championship and  
Inter Zonal Cricket and Badminton (W) Championships.**

**Achievements in co-curricular, extracurricular and cultural activities**

<b>Session</b>	<b>Level</b>	<b>Achievements</b>
2012- 2013	Zonal Youth Festival	Seven items Commended
	Inter District Level Science Exhibition	First Prize in Zoology, Second Prize in Botany, Third Prize in Computer Science
	State Level Science Exhibition	Third Prize in Zoology (Ms Saloni got best presenter prize)
	State Level PPT Presentation Competition	Second Prize to Miss Megha of BSc II
2013- 2014	Zonal Youth Festival	Five items Commended
	Dewan Anand Kumar Memorial State Level Quiz Contest on Environment	First prize
	District Level Science Exhibition at Govt. P.G.College, Karnal	First prize (Botany, Chemistry and Computer Science)
	State Level Science Exhibition at Govt. College, Hisar	Third prize (Computer Science)

2014-2015	Zonal Youth Festival	Fifty (50) students participated
	Inter College Dance Competition held at JCRTT Wing on 17.09.14	First prize, trophy and cash prize of Rs. 11,000/-
	Inter College Collage Making and Painting Competition at I.B. College, Panipat	First prize in Collage Making and Second prize in Painting Competition.
	State Level Quiz Competition	First and Second prize
	Zonal Science Exhibition at Govt. P.G. College, Karnal	Second prize (Botany)
	Dewan Anand Kumar Memorial State Level Quiz Contest on Environment	First prize
	Inter District Zonal Science Exhibition held at Govt. P.G. College, Karnal	Second prize (Botany)
2015-2016	Zonal Youth Festival	One item recommended and two items commended
	Inter District Level Science Quiz	Qualified for State Level
	Inter Zonal Quiz Competition at S.D. College, Ambala Cantt	Third prize
	District Level Essay Writing Competition on Science	First prize
	Inter College Quiz Competition held at S.A. Jain College, Ambala	First prize
	Inter College Ad-making Competition at Govt. P.G. College, Karnal	Second prize
	Inter College Fest at Arya P.G. College, Panipat	First prize in Dance Competition
	Zonal Science exhibition at Govt. P.G. College, Karnal	Third prize
	State Level Inter College Wildlife Photography Competition	Second and Third prize
	Dewan Anand Kumar Memorial State Level Inter College Poster/Chart Making Competition	First and Third prize
	Inter College Rangoli and other Competitions at IGMMV, Kaithal	First prize in Rangoli and won 'Overall Trophy'
Inter college competitions at Govt. College for Women, Karnal	Second prize in Ad-making Competition	

**5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?**

- The convocation function is organized regularly. The college distributes feedback forms to its students and collects data to improve the performance and quality of institutional output.
- In girls' common room, there is a provision for drop-box so that any kind of suggestion can be received.
- Working of alumni association is also focused on receiving feedbacks from college alumni.
- The general public can easily approach the Principal to give the feedback and suggestions for the improvement of the college.
- The periodic meetings of the Governing Body are held regularly. In addition to that the officer bearers of the Management conduct monthly meetings with the Principal to monitor the college functioning.

**5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.**

- The college has been publishing its magazine 'Harmony'. College Magazine Committee invites essays, poems, facts and stories etc. from the students and edits and publishes it annually.
- Students bring out material for wall magazine regularly that can be seen on the display board of the college.
- The students are invited to contribute for wall magazine board in different departments. These are selected by teachers and displayed.

**5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.**

The constitution of students' union is not allowed in the colleges under the directions of the government. But the student representatives are selected for the students' sports teams as well as for the different subject societies for the smooth functioning of the various activities organized by various societies.

**5.3.6 Give details of various academic and administrative bodies that have student representatives on them.**

Students have representations in departmental councils, sports council, college magazine editorial boards. Annual reports of these councils are published in the college magazine.

**5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.**

Institution networks and collaborates with its alumni through alumni meets organized by Alumni Association. Networking with former faculty members is via e-mails, phones, and occasional invitations to the college functions. There is a tradition to invite an alumni as Chief Guest on the Annual Athletic Meet of the college.



## CRITERION-VI

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### **6.1 Institutional Vision And Leadership**

##### **6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?**

###### **Vision**

Excellence is a journey, not an end ...

###### **Motto/Mission**

The mission statement of the institute is provided by one of the great founding leaders of modern India, Sh. Keshab Chandra Sen :

*'Gather Ye the Wisdom of the East and the West'.*

Our Mission, therefore, focuses on the holistic approach to knowledge – a blend of the scientific as well as the spiritual wisdom.

###### **Our mission is:**

- To create top quality human resources by developing the innate talent of our students.
- To provide holistic development of personality and improve the overall academic performance of the students.
- To inculcate the spirit of secularism, nationalism, communal harmony and rationalism as a value system.
- To motivate youth to render service to the society at large.
- To develop the employable skills and to promote leadership qualities among the students.
- To provide a healthy physical, mental and emotional environment to the students to help them to grow into perfect human beings.

##### **6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?**

In our institution there is a Governing body, Advisory Council and the IQAC to look after the policies and plans of the college. The Governing Body lays policies for the academic growth of the college. IQAC sets the agenda for the academic growth of the college and reviews the benchmark of the targets set for the preceding year. The Advisory Council lays down the parameters for day to day working of the college. The policies are executed through other important committees of the teachers for maintaining quality and to achieve the goals laid down for the development of the college. These committees perform their work under the supervision of the Principal.

### **6.1.3 What is the involvement of the leadership in ensuring**

- \* **The policy statements and action plans for fulfillment of the stated mission**

In our college we don't just produce graduates and post-graduates in mass but develop leadership skills, inner strength and self-reliance through extra-curricular activities. We train the students regarding moral values, tolerance and new technological innovations to make them ready to face national and global challenges through various programmes.

- \* **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

The experts of the field of the proposed projects are involved to make the strategies for the welfare of students and their academic enhancement.

- \* **Interaction with stakeholders**

The college encourages parents, teachers and old students to meet and interact on all the major matters related to the welfare of the students and society as a whole.

- \* **Proper support for policy and planning through need analysis, research inputs and consultations with stakeholders**

At the time of execution of the policies any problem or suggestion raised by the stakeholders is taken into account and the experts are consulted to analyze the situation and to suggest remedies.

- \* **Reinforcing the culture of excellence**

In our college the IQAC has been established for reinforcing the culture of excellence. To achieve excellence is an ongoing pursuit.

- \* **Champion organizational change**

For carrying out the activities and operations of the institution in an efficient and effective manner, college has a policy of decentralization and participative style of management.

### **6.1.4 What are the procedures adopted by the institution to monitor and evaluate polices and plans of the institution for effective implementation and improvement from time to time?**

In order to monitor and evaluate policies the IQAC has been established under the leadership of the head of the institution, which makes policies for improving the teaching learning process. The governing body of the college meets regularly to monitor the academic and infrastructural projects and also to evaluate the performance of the students, the implementation of the plans and policies made for the development of the institution.

### **6.1.5 Give details of academic leadership provided to the faculty by the top management.**

The top management of the college plays a very supportive role. Regular meetings are held with the faculty members and all the issues related to the working of the college are discussed at large. This creates a sense of belongingness for the institute among the faculty members. The head of the departments guide the faculty at every step by providing effective leadership.

They monitor policy implementation and give suggestions for the improvement of the institution from time to time. The Principal assigns duties to the staff and remains vigilant about the commitment, discipline and devotion towards the duty on the part of the faculty members. All the committees work under the able guidance and supervision of the Advisory Council and the Principal.

**6.1.6 How does the college groom leadership at various levels?**

Throughout the year numerous activities are to be undertaken in the college. For this, the Principal constitutes various committees. These committees are headed by senior teachers who get the work done under their leadership by the committee members. In the absence of the Principal, the senior-most faculty officiates as the Principal and takes all the decisions except those related to the financial matters.

In every department there is a subject society /association, in which student representatives help in organizing various activities of the department. Various co-curricular activities are conducted by the students under the able guidance of the President and the Co-President of the Association/Society.

At the non-teaching level, there is a head clerk who heads and supervises the staff under him.

Besides, there are two teacher representatives and one non-teaching representative in the college governing body.

**6.1.7 How does the college delegate authority and provide operational autonomy to the departments/ units of the institution and work towards decentralized governance system?**

To fulfill the mission of the college, the management provides autonomy to the Principal, who in turn delegates the academic responsibilities through the heads of various departments and the conveners of various committees.

- **Departments**

There are 3 faculties- Humanities, Science, and Commerce, with a total number of 19 departments, each having a departmental head, who shoulders the whole responsibility of the department. The heads of the departments have full operational autonomy.

- **Committees**

In order to carry out the administration of the college, the Principal divides the total work into various committees headed by a teacher incharge along with other teachers as committee members. Some important committees are Admission Committee, Time table Committee, Discipline Committee, Library Committee, Examination Committee, Purchase Committee, Cultural Committee, etc. All the committees work independently under the leadership of the Convener.

**6.1.8 Does the college promote a culture of participative management? If yes, indicate the levels of participative management.**

Yes, in our college there is a culture of participative management. We make separate committees for Convocation, Annual Athletic Meet, Annual Function, Founders' Day and other events, which consist not only of teachers, but also include student representatives and non-teaching staff wherever necessary.

**6.2 Strategy Development And Deployment**

**6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Yes, the college has an Internal Quality Assurance Cell (IQAC) which has been established at the instance of NAAC. The focus of our quality policy is on ensuring continuous improvement in the entire operations of the college, making new technological innovations available to the target group in order to prepare them to face national and global challenges.

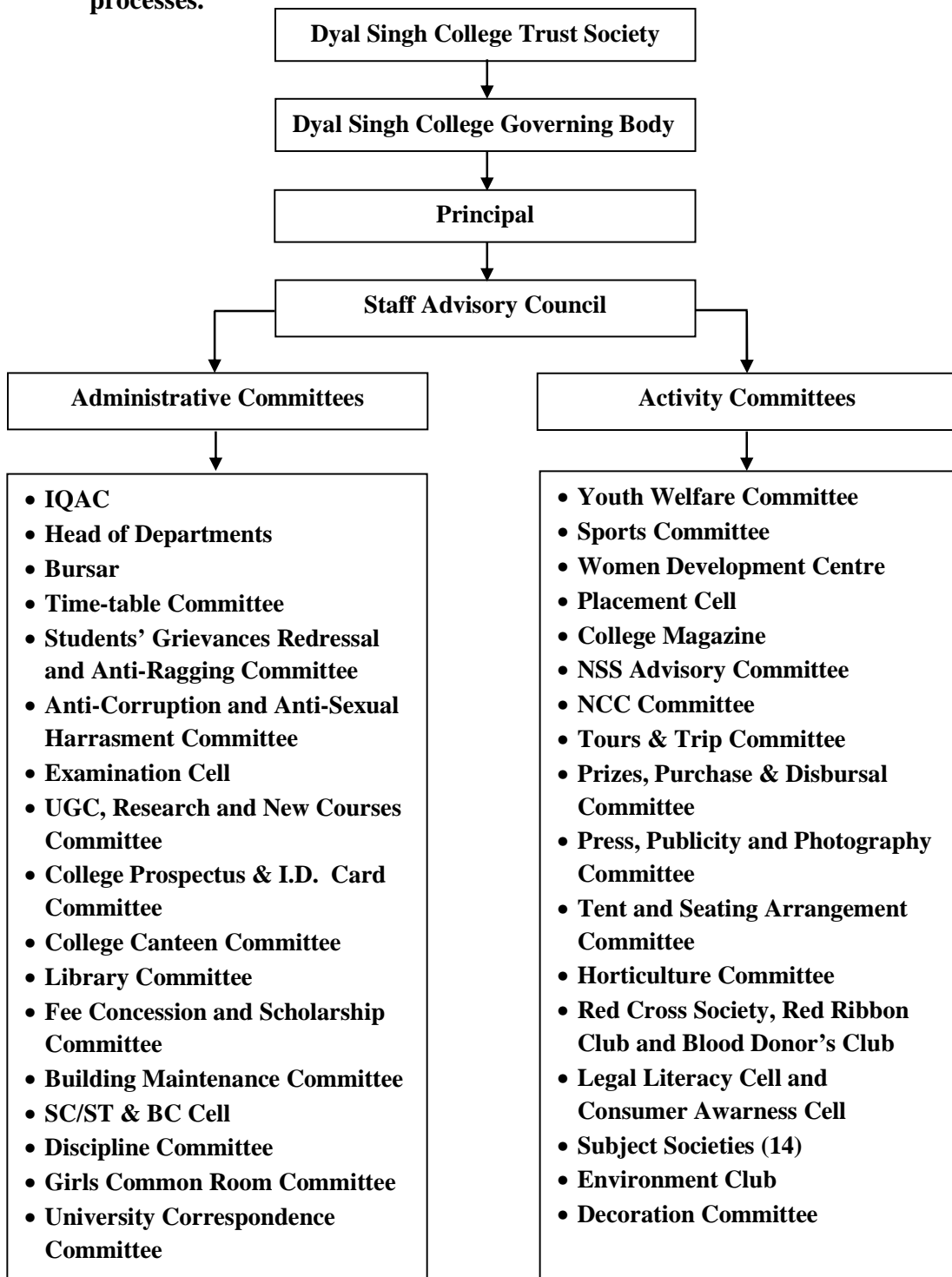
The quality assessment policy has been developed keeping in mind the vision of the institution which is to provide low cost quality higher education to the society. The policy is driven and deployed by ensuring continuous progression of the college with the help of regular classes, seminars, symposiums, NCC, NSS and other extracurricular activities. The purpose of the above stated cell is to bring about the holistic development. The IQAC prepares an annual report (IQAR) to review the progress of the students, college and the academic pursuits of the teaching staff. It also ensures that the stakeholders connected with higher education namely parents, teachers, staff and society in general become oriented towards enhancing their own quality.

**6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in a plan.**

The institute has a prospective plan for development. In this regard, the college has the following proposals:

1. To start integrated B.A. B.Ed./ B.Sc. B.Ed. programme.
2. To start Add-on Career Oriented Courses like Cosmetology, Mass Communication, Forensic Accounting etc.
3. To start Psychology, Music and Home Science as a subject at the Under Graduate level.
4. To introduce M.Sc. Physics, M.Sc. Mathematics, M.Sc. Computer Science and courses in B.I.M.

**6.2.3 Describe the internal organizational structure and decision making processes.**



In our college there are 3 faculties - Humanities, Science and Commerce, with a total number of 19 departments. Every department has a departmental head. The different departmental activities are coordinated by the Principal by holding regular meetings with the head of departments and Advisory Council of the college. Likewise, the work of the college is distributed to various committees with a teacher incharge who takes the decisions in the committee in consultation with committee members under the guidance of the Principal.

#### **6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following**

\* **Teaching and Learning**

We use lecture method, PPT presentations, discussions, tests, assignment for teaching and learning in classroom. Alongwith it, stress is laid on seminars, group discussions and interactive sessions with the experts. We have modern teaching tools like overhead projectors, interactive boards and DLP Projectors, which are used by the faculty to make teaching learning process more effective. Teaching plans are made well in advance for the semester, in which the syllabus distribution, revision tests, assignments, problem solving sessions are taken into consideration. Along with the regular class room teaching, the students are encouraged to use the library and internet facilities provided in the college campus.

\* **Research and Development**

In our college eleven(11) research projects have been completed. Out of these, seven (07) were minor research projects and four (04) were major research project. In addition to that our faculty organizes seminars/workshops /conferences and actively participates in seminars/ workshops/ conferences in India as well as abroad. Three (03) of our faculty members received UGC grants for presenting their research papers abroad. One of our faculty members received Post Doctoral Fellowship at Cardiff University, U.K. (June 2014-May 2016).

\* **Community engagement**

The college NSS units have adopted a village Uchana for NSS camps. The units are rendering services in terms of sanitation, literacy and environment awareness. The NSS units and NCC wings of our college also organize various community and national development programmes.

\* **Human Resource Management**

The success of any institute depends on its human resources. The college has a well qualified and dedicated faculty. All the members put their efforts to make the students good human beings. All the members are assigned different duties and responsibilities as per their interest and expertise, which they fulfill with dedication and devotion.

\* **Industry Interaction**

The placement cell of our college organizes the visit of various companies from time to time. The companies like WIPRO, TCS, IBM, Infosys and Tech-Mahindra are invited to the college on regular basis and as a result

many of our students get placement every year in different organizations through campus interview and selection procedure.

**6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?**

The Principal acts like a connecting link between the management and the teachers and students. There is a proper chain to move the information from the bottom to the top. Teachers take feedback from the students, the HoDs get the feedback from the teachers, which in turn is conveyed to the Principal. Whenever there is any problem or suggestion, it is conveyed to the management through the Principal and all the issues are resolved through their advice.

**6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

For the betterment and development of the college, the management takes all the vital decisions in the meetings of the governing body having two teacher representatives and one non-teaching representative. For support and encouragement and involvement of the staff in improving the effectiveness and efficiency of the institutional processes the Principal forms various committees. Advisory Council is the most important committee in the college because the Principal consults it on all the important matters of administration. Discipline Committee, Library Committee, Examination Committee, Admission Committee, NAAC Committee etc. work under the guidance of the Principal.

**6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

The College has a Governing body, the regular meetings of the governing body are held to monitor and implement various activities of the college. A meeting of the Governing Body Dyal Singh College, Karnal was held on March 8, 2016 (Tuesday).

The following members were present :-

- |                        |                           |
|------------------------|---------------------------|
| 1. Sh. C.K. Sawhney    | Vice President (Chairman) |
| 2. Sh. D.K. Raina      | Treasurer                 |
| 3. Dr. Ranbir Singh    | Govt. Nominee             |
| 4. Dr. Brajesh Sawhney | VC-Nominee                |
| 5. Sh. B.R. Gulati     | Member                    |
| 6. Brig. N.K. Bhandari | Member                    |
| 7. Dr. K.L. Johar      | Member                    |
| 8. Sh. Gurdip Singh    | Member                    |
| 9. Dr. R.N. Paul       | Member                    |
| 10. Dr. Tejinder Singh | Member                    |

- |                               |                                   |
|-------------------------------|-----------------------------------|
| 11. Dr. Ramji Lal             | Member                            |
| 12. Sh. Rajinder Mohan Sharma | Member                            |
| 13. Sh. J.S. Kalyana          | Member                            |
| 14. Dr. Pama Sen Gupta        | Member                            |
| 15. Dr. Randhir Singh         | Representative Teaching Staff     |
| 16. Sh. Dinesh Kumar          | Representative Teaching Staff     |
| 17. Sh. Chander Parkash       | Representative Non-Teaching Staff |
| 18. Dr. Krishan Lal Gosain    | Ex-Officio Member Secretary       |

Leave of absence was granted to Dewan Gajendra Kumar – President and Sh. R.C. Sharma – General Secretary.

Sh. C.K. Sawhney, Vice-President, Governing Body, Dyal Singh College, Karnal presided over the meeting, in the absence of the President.

The following were the resolutions:

**Item No. 1**

**Introduction of new members of the Governing Body, Dyal Singh College, Karnal.**

The Vice-President introduced Dr. K.L. Gosain, ex-officio Member Secretary and Dr. Pampa Sen Gupta, the newly nominated member to the Governing Body. He appreciated the services rendered by Dr. Pampa Sen Gupta to the college.

**Item No. 2**

**Confirmation of minutes of the last meeting held on 19/09/2015.**

The minutes of the last meeting held on 19/09/2015 were circulated to all the members of the Governing Body. Since no observation has been received from any member, the minutes were confirmed.

**Item No. 3**

**Confirmation of appointment of teaching staff on regular basis.**

The Principal informed that the following three Assistant Professors were appointed in this college against regular posts on probation for two years. Their work & conduct remained satisfactory during the probation period.

Sr. No.	Name	Designation	Subject	Date of joining	Date of confirmation
1	Ms. Nidhi Jast	Assistant Professor	Physics	30.11.13	30.11.15
2	Dr. Shweta Yadav	Assistant Professor	Zoology	12.02.14	12.02.16
3	Ms. Vandana Sabharwal	Assistant Professor	Commerce	13.02.14	13.02.16

The Governing Body confirmed the services of the aforesaid three Assistant Professors.



**Item No. 4****Grant of Selection Grade /Senior Scale to the Assistant Professors under Career Advancement Scheme.**

It was informed to the members of Governing Body that the case of following teachers were sent to K.U.K. for grant of Selection Grade and Senior Scale as mentioned against each. The Screening Committee appointed by the University has recommended grant of Selection Grade/Senior Scale to them w.e.f. date mentioned against their names as under:-

S. N.	Name	Subject	DOA	Present Grade	Selection Grade/ Senior Scale	Due Date
1.	Dr. Kushal Pal	Political Science	17/08/1995	15600-39100 grade pay of Rs. 7000/-	15600-39100 grade pay of Rs. 8000/-	17/08/05
2.	Dr. Devinder Singh	Physics	15/01/2007 (F.N.) at Dyal Singh College, Karnal and 17/08/98 to 15/01/2007 (F.N.) at SKIET, KKR (Regular w.e.f. 01/10/99)	-do-	-do-	17/08/08
3.	Dr. Anita Aggarwal	Political Science	07/07/2008	15600-39100 grade pay of Rs. 6000/-	15600-39100 grade pay of Rs. 7000/-	07/07/12

The proposal was considered and approved by the members of Governing Body and also authorized the concerned to issue necessary orders in this regard.

Dr. Randhir Singh and Sh. Dinesh Kumar, representatives of Teaching Staff pointed out that the cases of some employees of the college are not taken up by the college office well in time. Dr. Ramji Lal advised that responsibility be fixed against the dealing hand and requested the Principal that such cases should be prepared in advance by the college office. Dr. K.L. Johar suggested that rules should be followed properly and dealing hand be instructed accordingly.

The Officiating Principal welcomed the suggestions and assured that it will be taken care of in future. He further added that the non-API cases have been cleared by the Screening Committee of Kurukshetra University. The API cases have already been submitted to Dean of College, Kurukshetra University, Kurukshetra and meeting of Screening Committee for the same will be held in near future.

#### **Item No. 5**

##### **Brief reports of important activities of the college for the period from September 2015 to date.**

The Principal presented the brief report of the activities organized in the college from 18/09/2015 to 18/02/2016, which were considered and appreciated by the members.

The Vice-President informed the members of Governing Body that the College has maximum number of placements (34) during current session 2015-16 out of all the colleges of Karnal. The efforts of the Incharge, Placement Cell were appreciated.

#### **Item No. 6**

##### **Disciplinary case against Dr. Rakesh Kumar Bhardwaj, Principal (under suspension), Dyal Singh College, Karnal.**

The Governing Body resolved that a punishment of dismissal from service be imposed on Dr. Rakesh Kumar Bhardwaj for his indiscipline and conduct and putting up false claims to get more marks for his selection to the post of Principal, Dyal Singh College, Karnal.

All these resolutions are being /have been implemented.

#### **6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes' what are the efforts made by the institution in obtaining autonomy?**

No. In Haryana aided and government affiliated colleges running basic education courses are not given autonomous status.

#### **6.2.9 How does the Institution ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?**

In our college there is a Grievances Redressal Cell, a Women Development Centre and Student Welfare Cell to ensure that grievances, problems etc. are effectively resolved. A box is kept in the Girls' Common Room, in which students drop their complaints, which are then looked into by the teacher-in-charges and the head of the institution.

**6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

College has a panel of renowned advocates, as and when some cases are admitted their services are engaged.

**Court case of 2012-13**

Sr. No.	Case	Court/Appeal	Matter	Decision
1	R.D Kamboj Ex-A.O. v/s Dyal Singh College Karnal	Punjab and Haryana High Court	Termination of Sh. R.D Kamboj	The case was dismissed on 14.05.2014.
2	Ms Javita Garg v/s Dyal Singh College Karnal	District Consumer Forum	Cancellation of Admission	The case was dismissed on 20.05.2014
3	Ms. Neha v/s Dyal Singh College Karnal	Consumer Court Kurukshetra	Refund of Fees	The case was decided in favour of college.
4	Dr. K.L Gosain v/s State of Haryana, K.U.K, Dyal Singh College Karnal and Dr. Rakesh Kumar Bhardwaj (Principal)	Punjab and Haryana High Court	Selection for the Post of Principal	Pending
5	Dr K.V. Sharma & Others	Punjab and Haryana High Court	Claim of P.F. (Less amount paid)	Pending

**Court Case of 2013-14**

Sr. No.	Case	Court/Appeal	Matter	Decision
1	Sh R.K. Gupta Vs Govt. of Haryana and Dyal Singh College, Karnal	Court of Civil Judge (Junior Division) Karnal	Claiming of gratuity in new scale	The case was decided in favour of Sh R.K. Gupta

**Case of 2014-15**

Sr. No.	Case	Court/Appeal	Matter	Decision
1	Dr B.D. Vij Vs K.U.K. & Others	Punjab and Haryana High Court	Past service benefit	Pending
2	Dr B.D. Shastri Vs State of Haryana & Others	Punjab and Haryana High Court	Past service benefit	Pending
3	Ms Bhumika Kukreja Vs K.U.K. & Others	Punjab and Haryana High Court	Declaration of result	Decided in favour of Ms Bhumika Kukreja and K.U.K. is directed to declare her result.

### Court Case of 2015-16

Sr. No.	Case	Court/Appeal	Matter	Decision
1	Sh R.K. Gupta Vs Govt. of Haryana and Dyal Singh College, Karnal	Punjab and Haryana High Court	Claiming of gratuity in new scale	The college has filed appeal in High Court and the stay has been granted in favour of college.
2	Tara Chand and others v/s Dyal Singh College Karnal, Govt. of Haryana	Punjab and Haryana High Court	For scales on the pattern of Govt. College Staff	Pending
3	Yatin Sardana Vs K.U. Kurukshetra & Others	Punjab and Haryana High Court	Regarding change in Internal Assessment	Pending
4	Dr Surinder Bala Vs State of Haryana & Others	Punjab and Haryana High Court	Regarding previous service (contractual basis) benefit	Pending

#### 6.2.11 Does the institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' what was the outcome and response of the institution to such an effort?

Yes, the institution adopts the mechanism for analyzing student feedback on institutional performance. We get the feedback through the feedback forms filled by the outgoing students at the time of convocation and the suggestions dropped in the drop boxes by the students. The Principal and the faculty take note of the same and monitor the institution's performance and strategies for improvement.

### 6.3 Faculty Empowerment Strategies

#### 6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

College and its management encourage professional competency and growth of each and every subject faculty. The following steps are taken in this regard:

- The college organizes Seminars, Conferences and Workshops to enhance the professional development of its teaching and non-teaching staff.
- The staff is encouraged to attend Seminars, Conferences and Workshops in India and abroad.
- By sending teachers to attend Orientation and Refresher Courses.
- By organizing computer training programmes for the non-teaching staff to enable them to handle new softwares.

**6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

Being a government aided college we have to follow the rules of Director Higher Education, Government of Haryana and U.G.C. norms of service. For career advancement and training we send our teaching staff for Orientation Programmes and Refresher Courses. The teachers are also encouraged to attend subject workshops to keep abreast with the latest additions in the syllabi.

**6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for appraisal.**

After every academic session the teachers submit their self appraisal report which is analysed by the Principal and the managing committee. The ACRs of the laboratory staff and other non teaching staff are also filled by the respective head of the departments and Principal. The grading is done according to the work performed by the employee.

**6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

All the annual confidential reports are sent to the President of the Governing Body of the college for review. Only adverse remarks are communicated to the concerned member of the staff.

**6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentages of staff have availed the benefit of such schemes in the last four years?**

- College has staff quarters for the non teaching staff of the college.
- Loan facility is available to the staff members through cooperative thrift society.
- Wheat loan is given to non-teaching staff members.
- An Endowment Fund is in the college to meet out the emergency medical expenses of the non-teaching staff members out of its interest.

**6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

The well qualified faculty is appointed on regular basis on merit as per the criterion of Govt. of Haryana. However the superannuated faculty is appointed and retained as per their expertise for the self financing courses.

## **6.4 Financial Management and Resources Mobilization**

### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

For efficient and effective use of available financial resources we make various committees at the college level. One teacher is appointed as Bursar for internal audit and to finalize financial proposals with the Principal, which are approved by the management. We have separate Accountant and other subordinate staff to maintain account ledgers and records related to FDR's, Salary, PF, Income Tax, Increment and Fees. All receipts are maintained in a guard file, and other transactions are also recorded in the stock registers. At the beginning of the session the financial budget is prepared and got approved by the managing committee. At the end of every month the college submits the income- expenditure statement and bank reconciliation statement to the Management.

### **6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

- During the year internal audit is done by the college Bursar.
- At the end of the year external audit is done by the chartered accountant.
- At the end of the year the audit is also done by the following government agencies:
  - AG Office, Chandigarh.
  - Directorate of Higher Education, Haryana.
  - University Authorities.

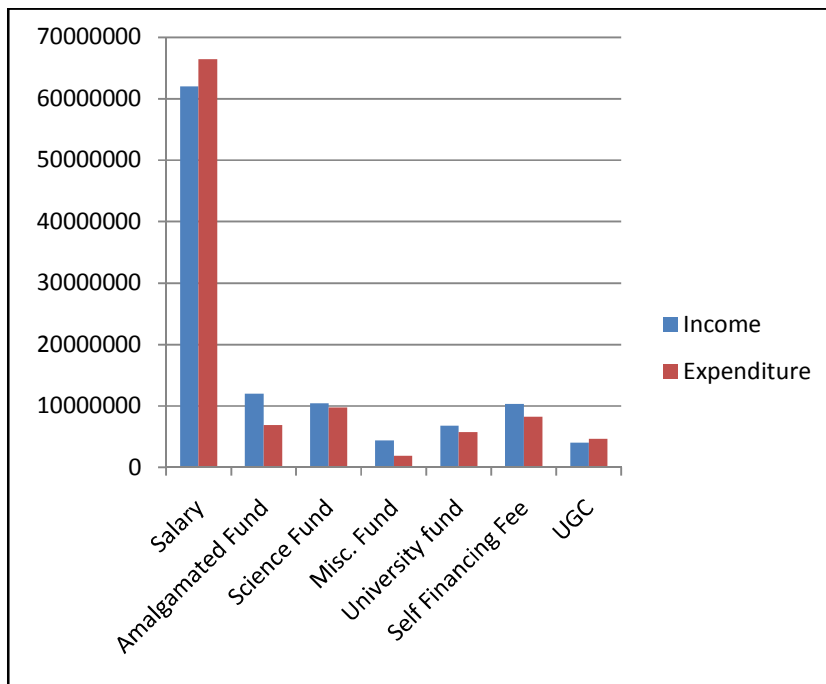
The last audit was done by the auditors from the office of Director Higher Education, Haryana, Panchkula and AG Office, Haryana in March 2013. They pointed out minor discrepancies in excess grant in aid in the college account and in the increment of one of the teachers. On showing the record these points were clarified.

### **6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/ corpus available with Institutions if any.**

Our major source of institutional receipt is fees from students and deficit is managed partially by the fees of the self financed courses. Moreover, the college gets grant in aid from the government. Income and expenditure statement of the last four years is as follows:

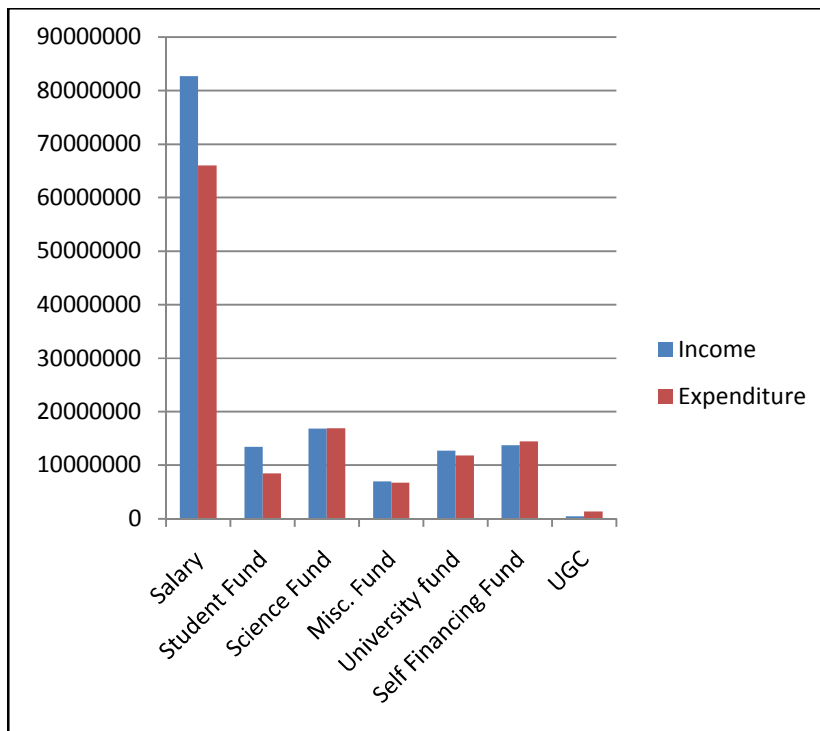
**Income and Expenditure statement for the year 2012-2013**

Sr. No.	Name of Head	Income	Expenditure
a	Salary	62046502	66428985
b	Amalgamated Fund	11972769	6882924
c	Science Fund	10466927	9755882
d	Misc. Fund	4434115	1901435
e	University fund	6797561	5714395
f	Self Financing Fee	10361991	8287134
g	UGC	4030876	4674149
	<b>Total</b>	<b>110110741</b>	<b>103644904</b>



**Income and Expenditure statement for the year 2013-2014**

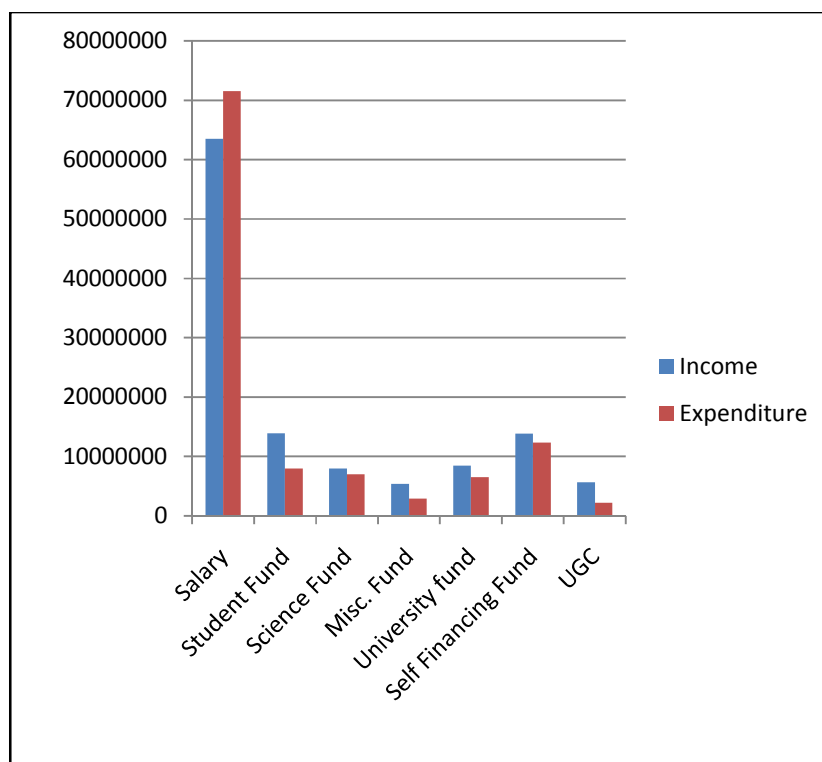
Sr. No.	Name of Head	Income	Expenditure
a	Salary	82729300	66034909
b	Student Fund	13428987	8478547
c	Science Fund	16819395	16942071
d	Misc. Fund	6971650	6724052
e	University fund	12756091	11789168
f	Self Financing Fund	13757388	14445658
g	UGC	481905	1338761
	Total	146944716	125753166





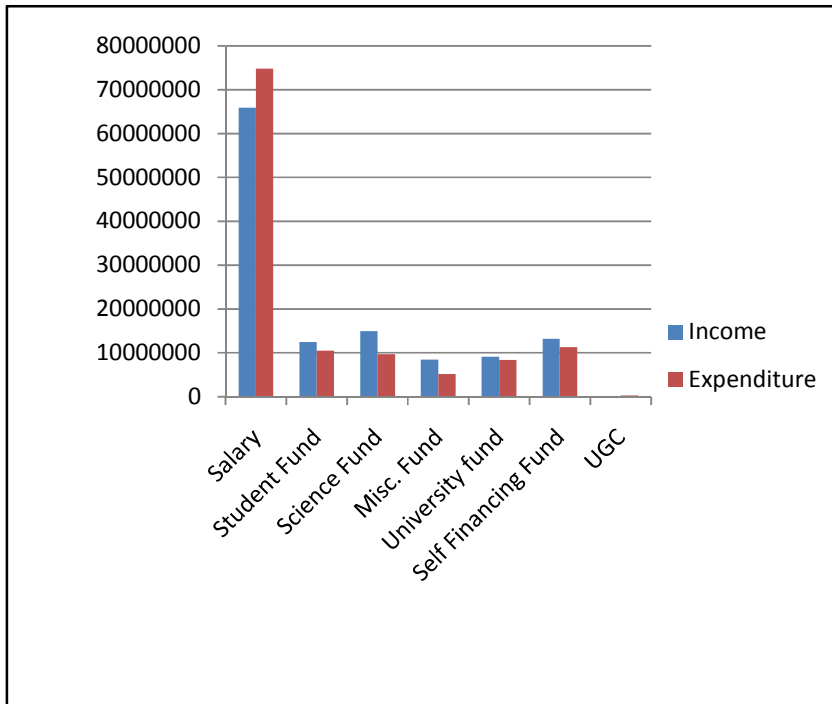
**Income and Expenditure statement for the year 2014-2015**

S. N.	Name of Head	Income	Expenditure
a	Salary	63465434	71510122
b	Student Fund	13903094	7950622
c	Science Fund	7956472	7024132
d	Misc. Fund	5423394	2952889
e	University fund	8442430	6507881
f	Self Financing Fee	13843882	12323925
g	UGC	5661216	2216035
	Total	118695922	110485606



**Income and Expenditure statement for the year 2015-2016**

Sr. No.	Name of Head	Income	Expenditure
a	Salary	65832002	74845797
b	Student Fund	12422116	10510303
c	Science Fund	14923582	9633346
d	Misc. Fund	8430630	5186883
e	University fund	9059687	8407533
f	Self Financing Fund	13219054	11304030
g	UGC	132003	299482
	Total	124019074	120187374



#### **6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same.**

For additional funding we have sent proposals and received grants from various agencies

- Grants from U.G.C under merged schemes, general development grants, grants for sports, apparatus, books and building and for career oriented and innovative programmes.
- Grants for seminars/ conferences/ workshops were received from UGC, DHE, Haryana and ICSSR.
- Scholarships from Govt. of Haryana for SC/BC students.
- Science exhibition grant from DHE, Haryana.
- Grant under FIST Programme from Department of Science and Technology for improvement of Science and Technology infrastructure.

All the grants are utilized as per the guidelines of the funding agencies.

### **6.5 Internal Quality Assurance System (IQAS)**

#### **6.5.1 Internal Quality Assurance Cell (IQAC)**

- a) **Has the institution established an Internal Quality Assurance Cell (IQAC)? If yes, what is the institutional policy with regard to quality assurance and how it contributed in institutionalizing the quality assurance processes?**

Yes, the college established an Internal Quality Assurance Cell (IQAC) on July 10, 2005. The quality assurance process regarding teaching and learning, administrative and financial enhancement are the integral part of the policy of the institution. The contributions of the IQAC are:

- To make a benchmark for self evaluation and improvement.
- To make us aware of our potential and inspire us to utilize that.
- To imbibe research oriented attitude in faculty.
- To review and recommend the annual plan of the college for effective implementation.

- b) **How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?**

The IQAC works for the vision, mission and objectives of the college. Most of the recommendations of the IQAC have been implemented. The college has been constantly trying for quality enhancement and has also achieved many milestones like the approval of a number of major/minor research projects submitted by the faculty.

- c) **Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

Yes, the IQAC has external members in the committee. These are in the form of parent representative, external expert, an alumnus and management representative. Their suggestions are always incorporated in the college

working for the betterment of the academic and administrative environment of the college. The external expert has given valuable suggestions for the digitalization of the admission process, fee module, examination module and library software. The management representative submits the recommendations of the IQAC to the Governing Body for their effective implementation. The parent representative gives various suggestions from the student point of view for the improvement.

**d) How do students and alumni contribute to the effective functioning of the IQAC?**

The students are involved to have feedback for IQAC through the student representative. The meetings of different members of IQAC with the groups of the students are organized to analyse their day to day problems and to solve the same. The alumni contribute for the effective functioning of the IQAC and college in general by imparting their valuable suggestions. In the college management, the General Manager of Dyal Singh College Trust Society is alumni of the college (Brig. N.K. Bhandari earlier and now Sh. B.R. Gulati). The college invites old students to the various functions of the college. The college has tradition of inviting the alumni as the Chief Guest on Annual Sports Meet. The students and alumni interact with the Principal and teachers on such occasions and their suggestions are always welcome for the upliftment of the college.

**e) How does the IQAC communicate and engage staff from different constituents of the institution?**

- IQAC meets periodically.
- IQAC gets inputs of the faculty, students, non teaching staff and parents through their representatives for making future plans of the college.
- IQAC reviews the position of the various aspects of the college.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes' give details on its operationalization.**

Yes, the college has different committees for quality assurance like college advisory council, IQAC, academic council, U.G.C & new courses committee, research committee, library committee, development and construction committee. These committees work in tandem with the quality policy of the college aiming at improvement of the academic atmosphere and the administration of the college.

**6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes' give details enumerating its impact.**

Yes, the IQAC provides guidance and counseling to the staff members. The faculty is sensitized regarding implementation of the academic calendar and academic upgradation. The staff members are sent to the various quality

assurance seminars and workshops to have the exposure of various parameters to maintain the quality of teaching, research and extra curricular activities.

**6.5.4 Does the institute undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?**

Academic audit is undertaken in the form of evaluation of results of different classes vis-a-vis university results. The results are analyzed not only quantitatively but qualitatively also. The IQAC evaluates and verifies the API score of the staff members for the presentation of that record for administrative purpose. The Governing Body takes note of the performance and gives observations accordingly.

**6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

Our internal quality assurance mechanism works according to the guidelines given by the UGC, Kurukshetra University, Kurukshetra and Director Higher Education, Haryana. All the plans are made and executed in accordance to these guidelines.

**6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcomes?**

Review of the teaching learning process is in a hierarchical pattern involving faculty members, Heads of the Departments, Advisory Council, Principal, and Governing Body. Heads of the departments hold meeting with the faculty members to review the progress of syllabi, classroom activities, progression of practical and performance of the students. The Heads of the Departments convey all these details to the Principal, who in turn discusses all these with Advisory Council for further improvement in teaching learning processes. The Principal also conveys all the details to the management.

**6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The institution communicates its quality assurance policies, mechanisms and outcomes to the internal stakeholders i.e. the students through notices, website, letters and college prospectus and magazine. The Principal also addresses the students on the occasion of various functions of the college. The Principal communicates with the external stakeholders through meetings, college functions and college magazine 'Harmony'.

## **CRIETERION VII**

### **INNOVATION AND BEST PRACTICES**

#### **7.1 Environment Consciousness**

##### **7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?**

Yes, the Green Audit of our campus and facilities is done annually. We have got all the bulbs replaced with LEDs/CFLs and the old worn out appliances have been replaced with new advanced energy efficient ISI marked appliances. The plantation of trees and medicinal plants is a regular feature. To generate awareness regarding environment our college organizes state level quiz contest and poster making competition every year. The students are sensitized to use public transport and shed use of personal vehicles to come to college. We observe the car-free-day in consonance with the policy of the district administration.

##### **7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?**

- **Energy conservation**

In the college we have installed the single control to switch off lights and fans after the classes. The rain water harvesting plant saves water. The solar lights save a lot of energy being used for lighting the building. The staff members are encouraged to pool car to come to college. Our library and office works on natural lights through fibre sheets on the roof.

- **Use of renewable energy**

Yes, The college has solar lamps.

- **Rain-water harvesting**

Our college has installed the rain water harvesting system at two places in the campus, the water drained from the roofs of the main old building, auditorium, science block, commerce and P.G. Block is collected and ground water gets recharged.

- **Check dam construction**

No

- **Efforts for Carbon neutrality**

The following efforts are made by the college for carbon neutrality:

1. Use of solar lights.
2. Plantation of trees.
3. Use of energy efficient appliances.
4. Being an old structure, less consumption of electricity during summers and winters.

5. In the NSS camps the villagers of village Uchanna are made aware to use smokeless chullahs for efficient cooking and other measures to save energy.
6. The waste papers are collected from the different departments and handed over to the authorities for solid waste management plant.

- **Plantation**

Plantation of trees is a regular feature of the curricular and extracurricular activities performed by the students and the teachers. Every student is sensitized to plant a tree in his/her locality and guard it until the tree grows up. In the college campus plantation is done regularly on the Founder's Day and on the occasion of the various functions of the college.

- **Hazardous Waste Management**

In Chemistry and other laboratories the chemicals used for the different tests are collected in the containers.

- **e-waste Management**

The e-waste is collected in separate store and handed over to the administration for proper disposal.

## **7.2 Innovations**

### **7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.**

- Our college has introduced five years integrated M.Sc. Forensic Science under Innovative Programme of UGC.
- In the college internet connections were installed under ICT plan of Ministry of HRD and every department has been given internet connection.
- Our college is a Wi-Fi campus and internet is available to the students during the college hours.
- Due to the efforts of the placement cell of the college about 50 students have been selected in various companies like TCS, WIPRO, IBM, Tech-Mahindra etc. in the session 2015-16. In the current session till date 34 students have been selected in various companies.
- In every department the computers have been provided.
- The office work is completely computerized.
- The library is partially computerized.
- The college subscribes for e-journals along with other research journals.
- There is a smart class room with interactive board and the college has more than 8 class rooms/laboratories with DLP and LCD Projectors to provide multi-media based teaching and learning.

### **7.3 Best Practices**

**7.3.1 Elaborate on any two best practices in the given format which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.**

#### **Best Practice I**

**Title of Practice      Environment Awareness Among Students.**

**Goal**

To create awareness about the environment in general and problems being generated by the modern lifestyle and their remedies.

**The Context**

The students are sensitized for protection of environment by involving them in activities like plantation, quiz, practical solutions like, conservation of water by not wasting it during drinking and in toilets and laboratories, keeping lights and fans off when not in use, making the students aware about declining sex ratio due to activities like female foeticide and social problems like dowry, crime against women and sex discrimination, blood donation in camps and at the time of need. The main aim of the activities is to create a holistic environment for overall development of the students.

**Implementation**

To implement the above said initiatives the following activities are performed. The college holds Dewan Anand Kumar Memorial State level quiz contest on environment every year. This practice is going on for the last 24 years. The college also organizes Dewan Anand Kumar Memorial State level Chart and Poster Making competition on environment and rallies are organized against use of polythene bags and other environmental hazardous products. In the college the rain water harvesting systems have been installed to check the loss of rain water and recharge the ground water directly. N.S.S. volunteers of the college perform the activities like collecting road side polythene, cleaning roads and teach villagers to use smokeless fuel efficient chullahs. The students are advised and motivated to put off lights and switch off the fans when going out of class rooms and not to waste papers.

In the college the plantation is done on the occasion of all the functions. After the plantation the plants are properly looked after by using tree guards. The students are also motivated and enlightened for conservation of water in the college as well as in their daily life.

The Environment Club, Women Development Centre, Legal Literacy Cell and N.S.S. units of the college organize seminars, extension lectures, rallies and other awareness programs on the issues like declining sex ratio, female foeticide, crime against women and sex discrimination.



### **Evidence of Success**

The efforts done by the college in the above said aspects produce the students who excel in all the fields of society. The students become the best citizens, administrators, business men, lawyers, doctors, engineers, judges, politicians, academicians and military personnels. All these efforts have been done to inculcate the responsibility of being the good citizens of India. The evidence of success of our efforts is provided by the standing of our students in all the fields of life and in different professions.

### **Problems Encountered and Resources Required**

In the implementation of this noble practice, no problem is faced by the institution. However, the college gets overwhelming response from the students. The resources are generated by the college at its own and by funding from UGC, Ministry of Environment and Forest (Government of India), ICSSR and DHE, Haryana.

### **Contact Details of the Institution**

Name of Principal : Dr. Krishan Lal Gosain (Officiating)  
Name of the Institution : Dyal Singh College, Karnal, Haryana  
Pin Code : 132001  
Website : www.dsckarnal.org  
Email Address : dscollege\_knl@rediffmail.com  
Mobile No. : 9896291181

### **Best Practice II**

**Title of Practice** रक्तदान महादान (Blood Donation)

#### **Goal**

To serve the suffering humanity, our students are guided and motivated to donate blood. Through this activity the energy of the students is channelized for social cause of communal harmony and participation in social activities.

#### **The Context**

To inculcate the values of Sardar Dyal Singh Majithia for human service, benevolence and the national integration among the students, they are inspired for the activities like blood donation, adult literacy and social harmony.

#### **Implementation**

The Blood Donors' Club of the college organizes the Blood Donation Camp every year. In the camp more than 150 units of blood is collected every year on September 9 to mark Founder's Day. The college has given consent to the district administration regarding the donation of blood in emergencies. The donors are made available throughout the year whenever the college is contacted.

### **Evidence of Success**

The success of this practice can be evaluated by the over whelming response of the students. Every year the number of donors is more than the arrangement of the District Administration for collection of blood. The number of units donated by the students is increasing year after year.

### **Problems Encountered and Resources Required**

No problems are faced by the institution in the implementation of this noble cause. The funds required for the project are provided by the college itself.

### **Contact Details of the Institution.**

Name of Principal : Dr. Krishan Lal Gosain (Officiating)  
Name of the Institution : Dyal Singh College, Karnal, Haryana  
Pin Code : 132001  
Website : [www.dsckarnal.org](http://www.dsckarnal.org)  
Email Address : [dscollege\\_knl@rediffmail.com](mailto:dscollege_knl@rediffmail.com)  
Mobile No. : 9896291181

## Evaluative Report of the Department of Botany

1. Name of the Department **Botany**
2. Year of Establishment **1968**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **UG**
4. Names of Interdisciplinary courses and the departments/units involved **Biotechnology/ Genetics/ Environment Studies  
M.Sc. Forensic Science**
5. Annual/ semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **Zoology, Genetics, Biotechnology, Chemistry**
7. Courses in collaboration with other universities, industries, foreign institutions **Nil**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**

9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>03</b>	<b>03</b>
<b>Associate Professors</b>	<b>02</b>	<b>02</b>
<b>Assistant Professor</b>	<b>01</b>	<b>01 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.),

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Ramesh Chander</b>	<b>M.Sc., M.Phil, Ph.D.</b>	<b>Associate Professor</b>	<b>Ecology and Cytogenetics</b>	<b>26</b>	<b>M.Phil. 1</b>
<b>Dr. Sanjeev Kumar Sharma</b>	<b>M.Sc., Ph.D.</b>	<b>Associate Professor</b>	<b>Phytopathology</b>	<b>29</b>	<b>M.Phil. 1</b>
<b>Dr. Preet Rachna</b>	<b>M. Sc., Ph.D.</b>	<b>Assistant Professor</b>	<b>Plant Physiology</b>	<b>3 months</b>	<b>Nil</b>

11. List of senior visiting faculty

<b>Prof. (Dr.) Girish Chopra</b>	<b>Dean Academic Affairs, K.U. Kurukshetra</b>
<b>Prof. (Dr.) Rohtash Gupta</b>	<b>Department of Zoology, K.U. Kurukshetra</b>
<b>Prof. (Dr.) R. K. Sharma</b>	<b>Department of Zoology, K.U. Kurukshetra</b>
<b>Prof. (Dr.) G. Wankhede</b>	<b>Department of Zoology, Amrawati University Amrawati</b>
<b>Prof. (Dr.) S. Sahi</b>	<b>Department Of Zoology, Jammu University</b>
<b>Dr. R. Sahai</b>	<b>Former Director, N.B.A.G.R., Karnal</b>
<b>Prof. (Dr.) Ashok Aggarwal</b>	<b>Department of Botany, K.U. Kurukshetra</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **30 %**

13. Student -Teacher Ratio (programme wise) **80 : 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

**Sanctioned 2 posts**

**Filled 2 posts**

(1 Lab Assistant +1 Lab Attd)

15. Qualifications of teaching faculty with D Sc/ D. Litt/ Ph. D/ M Phil/PG.

**Ph.D. 3**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**

18. Research Centre /facility recognized by the University

**M. Phil Guided – 2**

**Dr. Ramesh Chander**

<b>Sr. No.</b>	<b>Name of the Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Neeraj Ashri</b>	<b>Study of Flora of Kurukshetra</b>	<b>CDLU, Sirsa</b>	<b>2006</b>

**Dr. Sanjeev Kumar Sharma**

<b>Sr. No.</b>	<b>Name of the Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Renu Gupta</b>	<b>Studies on Some Biochemical components associated with Grain and Malt Quality of Barley</b>	<b>Vinayaka Missions University, Salem</b>	<b>2007</b>

19. Publications

- \* Number of papers published in peer reviewed journals (national / international) by faculty and students Nil

**Seminars Attended :**

**Dr. Ramesh Chander :**

1. Attended and organized National Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ held at Dyal Singh College, Karnal from 10.03.2012 to 12.03.2012.

**Dr. Sanjeev Sharma:**

1. Attended National Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ held at Dyal Singh College, Karnal from 10.03.2012 to 12.03.2012.

**Other Achievements:**

**Dr. Sanjeev Sharma:**

1. Delivered EDUSAT lecture at Panchkula on the topic ‘Ultrastructure and Function of the Nucleus’ on 05.09.2011.
2. Felicitated at ‘Professor Samman Samaroh’ 2011-12 organised by TERII and Manav Kalyan Mandal, Karnal held at TERII, Kurukshetra on 27.05.2012.
3. Attended National Seminar on ‘Designing Futuristic Model of an Ecocity – Issues and Challenges’, sponsored by DHE, Haryana held at G.N. Girls College, Yamunanagar on 22.02.2014.
4. Delivered an invited lecture on ‘Biodiversity and Conservation’ at MKK Senior Secondary School, Panipat on 22.05.2015.
5. Delivered an invited lecture on ‘Career Options for Biology Students’ at Dyal Singh Public School, Dyal Singh Colony, Karnal on 25.08.2015.

- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil

- \* Monographs Nil

- \* Chapter in Books Nil

- \* Books Edited 1

**Dr. Ramesh Chander :**

1. Study of Biodiversity in Today’s Perspective, published by R Chand & Co., Delhi. ISBN: 81-8045-088-0

- \* Books with ISBN/ISSN numbers with details of publishers Nil

- \* Citation Index Nil

- \* SNIP Nil

- \* SJR Nil

- \* Impact factor Nil

- \* h-index Nil

20. Areas of consultancy and income generated Nil

21. Faculty as members in  
 a) National Committees b) International Committees c) Editorial Board **Nil**
22. Student projects  
 a) Percentage of students who have done in-house projects including inter departmental/program **100**  
 b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **05**
23. Awards/ Recognitions received by faculty and students **01**

**Dr Sanjeev Sharma**

**‘Professor Samman Samaroh’ 2011-12 organised by TERII and Manav Kalyan Mandal, Karnal held at TERII, Kurukshetra on May 27, 2012.**

24. List of eminent academicians and scientists/ visitors to the department

<b>Prof. Dr. Girish Chopra</b>	<b>Dean Academic Affairs, K.U. Kurukshetra</b>
<b>Prof. Rohtash Gupta</b>	<b>Dept. of Zoology, K.U. Kurukshetra</b>
<b>Dr. R. Sahai</b>	<b>Former Director, N.B.A.G.R., Karnal</b>
<b>Prof. (Dr.) Ashok Aggarwal</b>	<b>Department of Botany, K.U. Kurukshetra</b>

25. Seminars/ Conferences/Workshops organized & the source of funding  
 a) **National 2**  
 • **The department organized two UGC sponsored seminars in collaboration with Zoology Department.**  
 1) **Seminar on ‘Role of Biotechnology in Environment Management’ on January 12-13, 2008**  
 2) **Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ on March, 10-12 ,2012**  
 b) **International Nil**

26. Student profile program/course wise:

Name of the Course/ program	2016-17			2015-16
	Applications received	Selected	Enrolled *M *F	Pass %
<b>B.Sc. I</b>	<b>328</b>	<b>99</b>	<b>35 64</b>	<b>83.33</b>
<b>B.Sc. II</b>	<b>78</b>	<b>78</b>	<b>27 51</b>	<b>92.59</b>
<b>B.Sc. III</b>	<b>64</b>	<b>64</b>	<b>27 37</b>	<b>57.14</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
<b>B.Sc.</b>	<b>96</b>	<b>4</b>	<b>Nil</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? **08**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>70</b>
PG to M. Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	
• Other than campus recruitment	<b>20</b>
Entrepreneurship/Self-employment	<b>10</b>

30. Details of Infrastructural facilities

- |   |            |
|---|------------|
| a) <b><u>Library</u></b>                                      | <b>Yes</b> |
| b) <b><u>Internet facilities for Staff &amp; Students</u></b> | <b>Yes</b> |
| c) <b><u>Class rooms with ICT facility</u></b>                | <b>Nil</b> |
| d) <b><u>Laboratories</u></b>                                 | <b>Yes</b> |

31. Number of students receiving financial assistance from college, university, government or other agencies

**08 from college and all eligible SC/BC students from Govt. of Haryana.**

32. Details on student enrichment programs (special lectures/workshops/seminar) with external experts

- **The department organized two UGC sponsored seminars (Collaborated with Zoology Department.)**
  - (a) **Seminar on ‘Role of Biotechnology in Environment Management’ on Jan. 12-13, 2008**
  - (b) **Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ on March, 10-12, 2012.**
- **The department has been organizing Workshop on Biodiversity/Science Exhibition every year for the last 5 years /Science Quiz on Environment /Educational tours etc.**

33. Teaching methods adopted to improve student learning

- **In addition to regular teaching techniques the students are exposed to lectures through audiovisual aids /internet facilities and computer system in practical classes.**
- **The students are also exposed to field studies by arranging excursions to national parks, natural vegetation habitats and eminent institutes.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

**The students participate in college activities as NSS volunteers and in public environmental awareness programs and other social problems.**

35. SWOC analysis of the department and Future plans

**Strengths**

- **Well qualified, passionate, dedicated, highly experienced staff.**
- **Well equipped laboratory.**
- **Exposure of students to field study and institutes of national repute.**
- **Use of models, charts and computer system in practicals.**

### Weakness

- One permanent post is lying vacant.

### Opportunities

- The students of Biology have great opportunity in Indian Forest Services and Indian Administrative Services exam as a subject.
- To explore the fields of Conservation Biology/ Wildlife/ Ecology/ Environmental Sciences/ Climate change etc. for job opportunities for students.
- To organize seminars for the students for awareness in career choices and placements in the field of Life Sciences.

### Challenges

- To make the subject interesting and significant in today's changing world.
- The curriculum should be upgraded regularly.

### Future Plans

- The department is going to collaborate with Zoology Department to start M.Sc. in Environment Science.



## Evaluative Report of the Department of Chemistry

1. Name of the department **Chemistry**
2. Year of Establishment **U.G. 1949 P.G. 2009**
3. Names of Programmes / Courses offered (UG, PG) **B.Sc. & M.Sc.**
4. Names of Interdisciplinary courses and the departments/units involved **Nil**
5. Annual/ semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **Botany, Zoology, Genetics, Physics, Mathematics Forensic Science**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>07</b>	<b>17</b>
<b>Associate Professors</b>	<b>01</b>	<b>01</b>
<b>Assistant Professors</b>	<b>05</b>	<b>03 + 13 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. S.P Bhatti</b>	<b>M.Sc., Ph.D, M.Sc. Eco &amp; Env., MBA, LLB PGDCA</b>	<b>Associate Professor</b>	<b>Organic Chemistry</b>	<b>17 years</b>	<b>M.Phil. 2</b>
<b>Dr. Rakesh Kumar Bhardwaj</b>	<b>M.Sc., M.Phil., Ph.D., P.G.DC.A, P.G.D.H.E</b>	<b>Principal (under suspension)</b>	<b>Physical Chemistry</b>	<b>27 years</b>	<b>Ph.D 1 M.Phil 5</b>
<b>Sh. Sandeep Kumar</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Physical Chemistry</b>	<b>09 years</b>	<b>Nil</b>

<b>Dr. Mahavir Prashad</b>	<b>M.Sc., Ph.D.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>11 years</b>	<b>Nil</b>
<b>Dr. Ravi Kumar</b>	<b>M.Sc., Ph.D.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>12 years</b>	<b>Ph.D 3</b>
<b>Ms. Seema</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>05 years</b>	<b>Nil</b>
<b>Ms. Pinki</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Inorganic Chemistry</b>	<b>1 years6 months</b>	<b>Nil</b>
<b>Ms. Sonam</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>01 years</b>	<b>Nil</b>
<b>Ms.Priyanka Arya</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>-</b>	<b>Nil</b>
<b>Sh. Sachin Goyal</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>1 years6 months</b>	<b>Nil</b>
<b>Sh. Sunil Dutt</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>1 years6 months</b>	<b>Nil</b>
<b>Ms. Swati</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>-</b>	<b>Nil</b>
<b>Ms. Latika</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>01 years</b>	<b>Nil</b>
<b>Ms. Rajni</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>01 years</b>	<b>Nil</b>
<b>Ms. Mona Mehta</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Pharmacu itcals</b>	<b>02 years</b>	<b>Nil</b>
<b>Sh Naveen Garg</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>04 years</b>	<b>Nil</b>
<b>Ms. Usha</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Chemistry</b>	<b>01 years</b>	<b>Nil</b>
<b>Ms. Shrishti</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Organic Chemistry</b>	<b>01 years</b>	<b>Nil</b>

11. List of senior visiting faculty

<b>Prof. H.K. Sharma</b>	<b>Department of Chemistry, K.U. Kurukshetra</b>
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12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **75%**

13. Student -Teacher Ratio (programme wise) **UG 70:1 PG 30:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

**Ph.D.- 04 P.G.-14**

16. Number of faculty with ongoing projects from  
a) National b) International funding agencies and grants received

**National 04**

**Dr. Rakesh Kumar Bhardwaj**

1. One minor research project titled 'Physio chemical studies---salt water system' sponsored by U.G.C. for Rs. 40,000/- (Completed).

**Sh. Mahavir Prashad**

1. One minor research project titled 'Synthesis, Spectral Studies and Biological Activities of Pyrazoles' sponsored by U.G.C. for Rs.1.70 lakhs (Completed).

**Dr. Ravi Kumar**

1. One major project on 'Unique Application of Hypervalente Iodine Reagents in Organic Synthesis' sponsored by Department of Science and Technology, Government of India (DST) for Rs. 5.22 lakhs (Completed).
2. One major project on 'Iodonium Ylides in Organic Synthesis' sponsored by Department of Science and Technology, Government of India (DST) for Rs.13.17 lakhs (Completed).

17. Departmental projects funded by DST; UGC, DBT, ICSSR, etc. and total grants received

The Department received Rs. 9.0 Lacs as P.G. Grant under XI Plan of UGC

18. Research Centre /facility recognized by the University

**Ph.D. Guided : 04**

**M.Phil. Guided : 07**

**Dr. Rakesh Kumar Bhardwaj**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Hari Om Shrama	Studies of Sewage Treatment By Using (UASB) System in Combination With DHS Biotower- A Case Study of Karnal City	Manav Rachna International University, Faridabad	2011

**Dr. Ravi Kumar**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Reshmi R Nair	Synthetic and Biological evaluation of some Heterocyclic Compounds	Kurukshetra University, Kurukshetra	2010
2	Neena	Studies involving Heterocyclic Compounds	D.B.C.R. University, Murthal	2012
3	Dinesh Kumar	Nano Components and Their Physiochemical Studies	D.B.C.R. University, Murthal	2012

**M. Phil. Guided : 07****Dr. S.P. Bhatti**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Umesh Kamboj	Synthesis of Some Substituted Chromones	Annamalai University, Annamalai	2008
2	Deepika Kaushik	Studies on the Synthesis and Characterization of Some Bivalent Metal Complexes	Madurai Kamraj University, Madurai	2009

**Dr. Rakesh Kumar Bhardwaj**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Madhumita Verma	Comparative Thermodynamics and Physiochemical Studies of Alternative Fuels	Madurai Kamraj University, Madurai	2007
2	Neeru Bala	Study of Analysis of Level of Adulteration in Milk	Madurai Kamraj University, Madurai	2008
3	Hari Om Sharma	DHS (Down flow Hanging) Sponge Bio-tower a Sustainable Method for Water Treatment : A Case	Madurai Kamraj University, Madurai	2008
4	Shashi Kant Gaur	Environmental Management and Environment Impact Assessment Studies of Shopping Mall Complex	Sikkim Manipal University, Gangtok	2009
5	Ajay Sharma	Physio-chemical Studies of Binary Liquid Mixture of Alkoxy Alkanole	M.M. University, Mullana	2010

**19. Publications:**

a) Publication per faculty

\* Number of papers published in peer reviewed journals (national / international) by faculty and students

**Papers Published : 36****Papers Presented: 27****Paper Published:****Dr. S.P. Bhatti**

1. Synthesis and antileishmanial activity of 2, 3-disubstituted chromon-6-ylalkanoic acids and their methyl esters S P Bhattit, C P Garg, R P Kapoor, Shalini Sharma, Aruna Kapil, Indian J Chem, 1995, 34B, 869.
2. Synthesis of 2-substituted chromon-8-ylalkanoic acids and methyl 2-substituted chromon-8-ylakanoates of potential medicinal interest S P

- Bhatti, C P Garg, R P Kapoor, Presented at 31<sup>st</sup> Annual Convention of Chemists, Varanasi, Dec 21-24, 1994, OS-12, C-16.
3. Synthesis and antileishmanial activity of some chromon-8-yl-propanoic acids and their methyl esters S P Bhatti, C P Garg, R P Kapoor, Indian J Chem, 1998, 37B, 553.
  4. Synthesis of chromon-6/8-ylethanoic acids from 6/8-acetylchromones S P Bhatti, O V Singh, C P Garg, R P Kapoor, 1997, 7, 89.
  5. Synthesis and anticancer activity of some 8-thiazolylchromones, Ind J Het Chem, 2000, 10, 81-84.

**Dr. Rakesh Kumar Bhardwaj**

1. Rakesh Kumar Bhardwaj, A.K. Singh, H. Sharma, S.K. Bhardwaj 'Solving Waste Water puzzle using sustainable methods' 2<sup>nd</sup> Int. Symposium on Food and water Sustainability in Asia 2008. Oct. 7-8, 239.
2. Rakesh Kumar Bhardwaj, H.Sharma, S.K.Bhardwaj DHS Bio-Tower Sustainable Method on Waste Water Treatment Environmental Policy: A Multinational Conference on Policy Analysis & Teaching Method 11-13 June, 2009-KDI School of Public Policy-Seoul, South Korea.
3. S. K. Bhardwaj, Rakesh Kumar Bhardwaj, Sushil Singla, International Journal Oryza 47, 2010, 164-166.
4. S. K. Bhardwaj, Sushil Singla, Rakesh Kumar Bhardwaj, Potential Use of some Petal Extracts against Xanthomonas campestris pv.campestris, Our Nature, 2011, 9, 100-106.
5. S. K. Bhardwaj, Sushil Singla, Rakesh Kumar Bhardwaj Evaluation of Plant Extracts as Antifungal Agents against Wood Rotting Fungi Coriolus versicolor, Journal of The Indian Academy of Wood Science 2012, Vol. 9,(1), 62-65.
6. Hariom Sharma, B.B. Arora, Rakesh Kumar Bhardwaj, H. Harada, Development of Community Sewage Treatment System Consisting of UASB and the Third Generation DHS (Down Flow Hanging Sponge) Reactor for Developing Countries MR International Journal of Engg. & Technology Vol 4 ,( 2), 2012.
7. Rakesh Kumar Bhardwaj, R K Chauhan, Physio-Chemical Analysis of Sewage Water of Yamuna Nagar District of Haryana Before and After Treatment Using USAB. Journal of Advanced Scientific Research, 2012, 3(4): 42-44.
8. Rakesh Kumar Bhardwaj, R K Chauhan Physico-Chemical Studies of Binary Mixture of Triethylene Glycol Monomethyl Ether and Water at T= (298.15, 308.15, 318.15, 328.15) K, International Journal of Research in Chemistry and Environment Vol. 2 ( 4 ) , 2012, (170-177).
9. H. Sharma, B. B Arora , Rakesh Kumar Bhardwaj, S K Bhardwaj, H. Harada , Waste water treatment by combination of down flow hanging sponge (DHS) Bio-Tower with up-flow sludge blanket (UASB) system' International Journal of Research in Chemistry & Environ. Vol. 3 (4), 2013, (13-19).

**Dr. Mahavir Prashad**

1. Hypervalent Iodine Mediated Oxidation of 1,2-Diaminobenzimidazole and Its Schiff Bases: Efficient Synthesis of 3-Amino-1, 2, 4-benzotriazine and 2-Aryl-1,2,4-triazolo[1,5-a]benzimidazoles, Ashok Kumar, Mahavir Parshad, R K Gupta, Devinder Kumar, 2009, 10, 1663-1666.
2. 'Design, synthesis and characterization of isomeric 3, 4'-bipyrazol-5'-ols and their antifungal activity' Mahavir Parshad and Devinder Kumar, 2014, Chemistry & Biology Interface, Vol. 4, Issue 2, pp 100-110.
3. 'Synthesis, Characterization and Antibacterial Activity of some 1-Heteroaryl-3-aryl-1H-pyrazole-4-carbaldehydes' Mahavir Parshad and Devinder Kumar, May-June 2014, RJPBCS, vol. 5, Issue 3, pp 1073-1079.
4. 'Iodine-mediated efficient synthesis of pyrano[2,3-c]pyrazoles and their antimicrobial activity' Mahavir Parshad, Vikas Verma, Devinder Kumar November 2014, Monatshefte für Chemie - Chemical Monthly ISSN: 0026-9247 (Print) 1434-4475 (Online) Vol. 145, Issue 11, pp 1857-1865.
5. 'Iodobenzene diacetate-mediated isomerization of pyrazolyl chalcones and their cytotoxicity and anti-microbial activity' Mahavir Parshad, V.Verma, Devinder Kumar, B.Narasimhan, S. Kour, S.Singh, P.L. Sangwan, March 2015, Journal of Chemical Sciences @Indian academy of sciences, ISSN 0974-3626 (print), eISSN 0973-7103 (online), Volume 127, Issue 3, pp 413-423.

**Dr. Ravi Kumar**

1. 'Enantioselective Oxidative Rearrangements with Chiral Hypervalent Iodine Reagents' Michael Brown, Ravi Kumar, Julia Rehbein, Thomas Wirth, Chemistry–A European Journal 2016, 22 (12) 4030-4035 (Impact factor 5.731 cover article (hot paper)).
2. 'Asymmetric synthesis with hypervalent iodine reagents' Ravi Kumar, Thomas Wirth, *Top. Curr. Chem.* 2016, 373, 243-262.
3. 'Iodobenzene Catalyzed Efficient Synthesis of Fused Triazolopyrimidines using m-Chloroperbenzoic Acid' Neena, S Nain, D Kumar, R Kumar\*, *Heterocyclic Letters*, 2016, 6 (3) 507-511.
4. Organoiodine (III) mediated synthesis of 3,9-diaryl- bis-1,2,4-triazolo [4,3-a][4,3-c] pyrimidines Om Prakash, Rajesh Kumar, Deepak Sharma, Rajesh Naithani, Ravi Kumar, *Heteroatom Chemistry*, 2006, 17 (4), 653-655.
5. Organoiodine (III) mediated synthesis of 3,9-diaryl- and 3,9-difuryl-bis-1,2,4-triazolo [4,3-a][4,3-c]pyrimidines as antibacterial agents Om Prakash, Rajesh Kumar, Ravi Kumar, Prikshit Tyagi, R.C.Kuhad, *European Journal of Medicinal Chemistry*, 2007, 42, 868-872.
6. Spectrophotometric Determination of Tungstun (VI) using 3-hydroxy -6-methyl-2-(4'-tolyl)-4-oxo-4H-1-benzopyran Joginder Rohilla, R.K.Baweja, Reshmi R. Nair, Ravi Kumar, *Journal of Indian Chemical Society* 2009, 86, 1-4.
7. Organoiodine (III) mediated synthesis of 3-aryl/hetryl-5,7-dimethyl-1,2,4-triazolo[4,3-c] pyrimidines as antibacterial agents Ravi Kumar\*, Reshmi

- R. Nair, Saurabh Sudha Dhiman., Jatinder K Sharma, Om Prakash, *European Journal of Medicinal Chemistry*, 2009, 44, 2260-2264.
8. Iodine (III) mediated synthesis of some 2-aryl/hetaryl benzoxazoles as antibacterial and antifungal agents Ravi Kumar\*, Reshmi R. Nair, Saurabh Sudha Dhiman., Jatinder K Sharma, Om Prakash, *Medicinal Chemistry Research*, 2010, 19 (6), 541-55.
  9. Beckmann rearrangement of 2-hydroxy-5-methylacetophenone oxime using Vilsmeier-Haack reagent (POCl<sub>3</sub>/DMF): Synthesis of some new heterocycles Ravi Kumar\*, Deepak Wadhwa, Om Prakash, *Heterocyclic Communications*, 2010, 16(2-3), 201-205.
  10. Mild and Efficient Synthesis of Aryliodonium ylides of 2,6-dimethylpyrimidin-4-ol Ravi Kumar\*, Reshmi R. Nair, Om Prakash, *Heteroatom Chemistry*, 2010, 21 (5), 339-342.
  11. Synthesis and antimicrobial evaluation of new 1,4-dihydro-4-pyrazolylpyridines and 4-pyrazolylpyridines Om Prakash, Khalid Hussain, Ravi Kumar\*, Deepak Wadhwa, Chetan Sharma, K R Aneja, *Organic and Medicinal Chemistry Letters*, 2011, 1:5, DOI: 10.1186/2191-28581-5.
  12. Synthesis and antibacterial evaluation of some new 4-substituted-3-aryl-1-(2,6-dimethylpyrimidin-4-yl)pyrazoles Ravi Kumar\*, Reshmi R. Nair, Saurabh Sudha Dhiman, Jitender Sharma, Om Prakash, *Journal of Heterocyclic Chemistry*, 2011, 48, 1211-1215; DOI: 10.1002/jhchem.701.
  13. A Facile Synthesis of Novel dihydroindeno[1,2-e][1,2,4]Triazolo[3,4-b][1,3,4]Thiadiazines Using HTIB Om Prakash, Deepak Kumar Aneja, Deepak Wadhwa, Ravi Kumar, Sanjiv Arora, *Journal of Heterocyclic Chemistry*, 2012, 49, 566-570.
  14. Organoiodine (III)-mediated synthesis of novel symmetrical bis([1,2,4]triazolo)[3,4-a:4',3'-c]phthalazines as antibacterial and antifungal agents Om Prakash, Deepak Kumar Aneja, Khalid Hussain, Ravi Kumar, Sanjiv Arora, Chetan Sharma, Kamal R Aneja, *Journal of Heterocyclic Chemistry*, 2012, 49, 1091-1097. DOI: 10.1002/jhet.943.
  15. [Hydroxy(tosyloxy)iodo]benzene in organic synthesis: A facile synthesis of furo[3,2-c]coumarins using  $\alpha$ -tosyloxyketone Om Prakash, Deepak Wadhwa, Khalid Hussain, Ravi Kumar, *Synthetic Communications*, 2012, 42, 2947-2951. DOI: 10.1080/00397911.2011.570471.
  16. Modified one-pot multicomponent diastereoselective synthesis of *trans*-2,3-dihydrofuro[3,2-c]coumarins via *in situ*-generated  $\alpha$ -tosyloxyketones Ravi Kumar\*, Deepak Wadhwa, Khalid Hussain, Om Prakash, *Synthetic Communications*, 2013, 43, 1-6; DOI:10.1080/00397911.2012. 671435.
  17. Hypervalent Iodine / TEMPO-mediated Oxidation in Flow Systems: A Fast and Efficient Protocol for Alcohol Oxidation Nida Ambreen, Ravi Kumar, Thomas Wirth, *Beilstein Journal of Organic Chemistry*, 2013, 9, 1437-1442. doi: 10.3762/bjoc.9.162.

**Papers Presented:**

**Dr. S.P. Bhatti**

1. Presented research paper poster entitled “*Unexpected formation of Methyl esters of  $\alpha$ -methoxy/hydroxyflavon-8-ylethanoic acids using Iodobenzene diacetate*” in National Conference on “Recent Advances in Chemical Sciences (RACS-2016)” March 30, 2016 at S.D. (PG) College , Panipat.

**Dr. Rakesh Kumar Bhardwaj**

1. Hungary 2003 : 28<sup>th</sup> International Conference on Solution Chemistry, Debrecen.
2. Thailand 2006 : Alliance for Global Sustainability (AGS) meeting and IR3S-AIT, Bangkok.
3. USA 2006 : 19<sup>th</sup> IUPAC International Conference on Chemical Thermodynamics, Boulder
4. Hungary 2007 : INSA Fellowship (Research work at The University of Debrecen).
5. Guest Lecture ‘The Spectroscopic Studies of alkoxy alkanol with cyclic amides’ delivered in the Department of Chemistry Debrecen University Hungary on 16, Feb. 2007.
6. Guest Lecture ‘The Spectroscopic Studies and Structural Behavior....using DFT’ delivered in the Department of Chemistry, Szeged University, Hungary on 22<sup>nd</sup> March 2007.
7. Guest Lecture ‘Study of toxic metals and effluents in wastewater’ delivered in the College of Agriculture Science, Debrecen University Hungary on 26<sup>th</sup> March, 2007.
8. China 2008 : 2<sup>nd</sup> International Symposium on Food and water Sustainability, Macau
9. India 2008: Int. Conference on Biodiversity, Env. Sustainability Challenges for Future. D.U Delhi.
10. Research Paper Presented Orally in the International Conference on Environmental Issues in Emerging and Advance Economies: Canada & India at Gujrat University Ahmedabad December 6-8, 2009.
11. Research Paper Presented in the International Conference on Education in Chemistry -2010 at Homi Bhabha Centre of Science Education(TIFR), Mumbai from November 12-14, 2010.
12. Research Paper Orally Presented in the National Seminar on Chemistry a Modern & Innovative Tool Organized by Govt. Madhav Science College, Ujjain (M.P) from 4-5 March, 2011.
13. Research Paper Orally Presented in the National Chemical Constellation Seminar organized at Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab from 20-21 August , 2011.
14. Research Paper Orally Presented in the National Conference on Green Chemistry – Safer Chemistry organized by Govt R. R. PG Autonomous College, Alwar, Rajasthan from 23-24 Sept. 2011.
15. Delhi Sustainable Development Summit Special Event on ‘Water: Our Global Common’ organized by TERI&VITO Belgium on 31<sup>st</sup> Jan., 2012.



16. Presented an Invited Lecture on the Topic 'DHS Bio-Tower in combination with UASB a sustainable sewage treatment system' in the National Conference on 'Green Technologies for Green Environment' on 19<sup>th</sup> of Feb.2013 at GVM Girls College Sonapat.

**Dr. Mahavir Prashad**

1. Presented paper titled 'Synthesis of Bipyrazoles Using Iodobenzenediacetate' in 4<sup>th</sup> National Seminar on Chemistry ;An Interdisciplinary Science-2012(NSCIDS-2012) Feb.15-16 ,2012 at P.U.Patiala 15-16 March, 2012.
2. Presented poster paper entitiled "Synthesis of Bipyrazoles Using Iodobenzenediacetate" in 4<sup>th</sup> National Seminar on Chemistry ;An Interdisciplinary Science-2012(NSCIDS-2012) , Mahavir Parshad and Devinder Kumar, Feb.15-16 ,2012 at P.U.Patiala.
3. Papers presented in "Iodobenzene Diacetate mediated cis-trans isomerization of pyrazolyl chalcones" Mahavir Parshad and Devinder Kumar, National Conference on Recent Development in Chemical Sciences (NCRDCS-14), Feb. 25-26, 2014, G.J.U.S.T. Hisar.
4. Presented poster titled 'Unexpected synthesis of 1, 3-bis (5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4yl) but-2-en-1-one from 1-phenyl-3-methylpyrazol-5-one' Mahavir Parshad, Nisha and Devinder Kumar, National Conference on Organic Synthesis and Catalysis (NCOSC-2016), 17-18 Feb.2016. at G.J.U.S.&T. Hisar.

**Dr. Ravi Kumar**

1. Dinesh Kumar, Sonia Nain, Ravi Kumar. An alternate approach towards the synthesis of Ag/CNT nanocomposite, 1<sup>st</sup> International Conference on Recent Advances in Chemical Sciences (ICRACS-2013), Arya PG College, Panipat (INDIA) February 24-26, 2013.
2. Ravi Kumar. Efficient Synthesis of 5-anisylpyrimidine derivative *via* copper (I) catalyzed reaction of iodonium ylides, National Conference on Chemistry in Our Lives (NOCL-2011), Arya College, Panipat. March 29, 2011.
3. Om Prakash, Deepak Wadhwa, Ravi Kumar. Diastereoselective and Regioselective Synthesis of *trans*-2,3-dihydrofurans using HTIB, 3<sup>rd</sup> Annual National Conference on Recent Advances in Chemical & Environmental Sciences (RACES-2011), MM Modi College, Patiala, Punjab (India) February 28- March 01, 2011.
4. Ravi Kumar, Reshmi R Nair, Om Prakash. A mild hypervalent iodine (III) mediated synthesis of iodonium ylides of 4-hydroxy-2,6-dimethylpyrimidine, 2<sup>nd</sup> Annual National Conference on Recent Advances in Chemical & Environmental Sciences (RACES-2010), MMM College, Patiala, Punjab (India) January 22-23, 2010.
5. Ravi Kumar, Rajkamal Sharma, Om Prakash. Iodine (III) mediated new and facile approach for regioselective C(6)-methoxylation of 2-hydroxy-5-methoxyacetophenone and its chalcones, 1<sup>st</sup> Annual Conference (National Level) on Recent Advances in Chemical & Environmental Sciences (RACES-2009), MMM College, Patiala, Punjab (India) Jan., 16-17, 2009.

6. Rajesh Kumar, Deepak Sharma, Ravi Kumar. Organoiodine (III) mediated efficient synthesis of new 3, 9-diaryl-bis-1,2,4-triazolo[4,3-a][4,3-c] pyrimidines, 93<sup>rd</sup> Indian Science Congress, Hyderabad (India) January 3-7, 2006.

#### Conferences/Seminars Attended

##### Dr. Rakesh Kumar Bhardwaj

1. TERI–BCCR Climate Research School 2011 organised by Norwegian Ministry of Foreign Affairs at TERI University New-Delhi from 3-7 October, 2011.
2. Participated in the panel discussion in 5<sup>th</sup> India-Japan Energy Forum Conference held on 10-11 September 2013 at Le Meridian Hotel New Delhi

##### Dr. Mahavir Prashad

1. Participated in Japan-India Joint workshop on ‘UASB+ DSH Integrated Technology-a sustainable Sewage Treatment Technology ‘on 28<sup>th</sup> January, 2011 at Scope Complex New Delhi, India
2. Actively participated in the National Workshop on Chemistry in Our Lives at Guru Jambheshwar University of Science & Technology, Hisar, 14 March 2011.
3. Attended National Seminar Cum Workshop on Study of Biodiversity in Today’s Perspective March 10-12, 2012 at Dyal Singh College, Karnal.
4. Attended Two Days National Workshop on ‘Emerging Trends In Quality Education: The Road Ahead’ on Aug-29-30, 2013. Organized by Internal Quality Assurance Cell (IQAC) at GJUS&T, Hisar.
5. Attended workshop on ‘Research Databases Awareness’ at Guru Jambheshwar University of Science & Technology, Hisar, May-7, 2013.
6. Two Days National Workshop on ‘Emerging Trends In Quality Education: The Road Ahead’, August 29-30, 2013 Organized by Internal Quality Assurance Cell (IQAC) at G.J.U.S. &T. Hisar.
7. Attended national Conference on “Recent Advances in Chemical Sciences (RACS-2016)” March 30, 2016 at S.D. (PG) College, Panipat.

##### Dr. Ravi Kumar

1. Attended National Conference on Environmental Challenges and Tools to manage Sustainable Development, Govt College for Girls, Panchkula (Haryana) India February 25-26, 2012
2. Attended Japan-Indo joint workshop on UASB+DHS-a sustainable sewage treatment technology, SCOPE complex, New Delhi Jan. 28, 2011.

#### Other Achievements:

##### Dr. S.P. Bhatti:

1. Completed M.B.A. (H.R.) degree in March 2016 from Guru Jambheshwar University of Science and Technology Hisar with 70.60%.

**Dr. Mahavir Parshad:**

**1. Award of teacher Fellowship approved by U.G.C. under FIP scheme 12<sup>th</sup>  
Plan period July 2012.**

- |  |            |
|--|------------|
| * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) | <b>31</b>  |
| * Monographs   | <b>Nil</b> |
| * Chapter in Books   | <b>Nil</b> |
| * Books Edited   | <b>Nil</b> |
| * Books with ISBN/ISSN numbers with details of publishers  | <b>05</b>  |

**Dr. Rakesh Kumar Bhardwaj**

**1. Text Book of Physical Chemistry Vol. 1 & II ( B.Sc I ) R. Chand Publication New Delhi, 2007,2009, 2010, 2011**

**2. Text Book of Physical Chemistry Vol. III, & IV, ( B.Sc II ) R. Chand Publication New Delhi, 2008, 2010.**

**3. Text Book of Physical Chemistry Vol.,V & VI, ( B.Sc III ) R. Chand Publication New Delhi, 2011.**

**4. Text Book of Physical Chemistry Vol II, & III for Delhi University R. Chand Publication New Delhi, 2012.**

**5. Fundamental of Chemistry, Vol I ( Delhi University ) R. Chand Publication New Delhi, 2005, 2012.**

- |   |            |
|---|------------|
| * SNIP  | <b>Nil</b> |
| * SJR   | <b>Nil</b> |
| * Impact factor   | <b>22</b>  |
| * h-index   | <b>Nil</b> |
| 20. Areas of consultancy and income generated -   | <b>Nil</b> |
| 21. Faculty as members in   |            |
| a) National Committees  | <b>Nil</b> |
| b) International Committees   | <b>Nil</b> |
| c) Editorial Boards   |            |
| 22. Student projects  |            |
| a) Percentage of students who have done in-house projects including inter departmental/program  | <b>Nil</b> |
| b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies | <b>Nil</b> |
| 23. Awards/ Recognitions received by faculty and students   |            |

**Dr. Rakesh Kumar Bhardwaj**

- **Best Chemistry Teacher Awards 2011: Shortlisted among Top Ten Finalist for the Post Graduate Category by TATA Group in alliance with ACT on all India base. Tata Group in Association with Indian Association of Chemistry Teacher awarded the Certificate of Recognition for Popularizing Chemistry in India.**
- **Indian Academy of Science Bangalore awarded The Academy Summer Research Fellowship 2003.**
- **The UGC, New Delhi awarded Teacher Fellowship 1999.**

- The University of Tokyo, Japan invited with financial support to present research paper in 2<sup>nd</sup> International Symposium on Food and water Sustainability at Macau, china Oct., 6-8 2008
- INSA Fellowship: 2006-07 (Three months) Indian National Science Academy awarded visiting fellowship under International Colloboration/ Scientist exchange programme for Hungary.
- India Network Foundation Olarado USA provided Travel Grant to present Paper in 19<sup>th</sup> IUPAC International Conference on Chemical Thermodynamics Boulder USA July 30- August, 2006.
- The University of Tokyo, Japan invited with financial support to present research paper in the Alliance for Global Sustainability (AGS) annual meeting at Bangkok, March 19–23, 2006.
- OPCW–The Hague Netherland sponsored the participation in 28<sup>th</sup> International Conference on Solution Chemistry, Debrecen-Hungary 2003.
- Member Higher Education Advisory Board, Haryana (India) Since 2008 to till date
- Coordinator Royal Australian Chemistry Quiz 2011 : Haryana State India since 2011- onward.
- Fellow of the Indian Chemical Society (Fellowship No F/5437 ) and Thermodynamic Association of India (Fellowship No . L M -14)
- Resource Person for EDUSAT (Education via Satellite) programme, delivered more than 50 Live lectures on topic Quantum Mechanics and Molecular Spectroscopy during the 2006-07, 2007-08, 2008-09, 2009 –10, 2010-11 and 2011-12 sessions.

**Dr. Ravi Kumar**

- INSA-Visiting Scientist Fellowship (Indian National Science Academy) Visited Dr. Arvind Kumar's Laboratory at Centre for Salt and Marine Chemicals Research Institute (CSMCRI-CSIR) Bhavnagar (Gujarat) for two weeks) (2012).
- Commonwealth Academic Staff Fellowship (Commonwealth Scholarship Commission in UK (Association of Commonwealth Universities) September – October, 2012.
- 'Dr. Lata Memorial Young Scientist Award, by Multani Mal Modi College, Patiala (Punjab), 2009.
- Post Doctoral Fellowship at Cardiff University, U.K. (June 2014-May 2016).

24. List of eminent academicians and scientists/ visitors to the department

<b>Prof. Heidki Haarda</b>	<b>Professor, Tohoku University, Japan</b>
<b>Prof. Emre Toth</b>	<b>University of Debrecen, Hungary</b>
<b>Dr. Zsolt Baranyai</b>	<b>University of Debrecen, Hungary</b>

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National **Nil**  
 b) International **Nil**

26. Student profile program/course wise:

Name of the Course /program	2016-17			2015-16
	Applications received	Selected	Enrolled *M *F	Pass %
<b>B.Sc. I</b>	<b>743</b>	<b>276</b>	<b>162 114</b>	<b>86.16</b>
<b>B.Sc. II</b>	<b>241</b>	<b>241</b>	<b>121 120</b>	<b>72.08</b>
<b>B.Sc. III</b>	<b>249</b>	<b>249</b>	<b>119 130</b>	<b>71.98</b>
<b>M.Sc.I</b>	<b>248</b>	<b>41</b>	<b>03 38</b>	<b>71.42</b>
<b>M.Sc. II</b>	<b>42</b>	<b>42</b>	<b>04 38</b>	<b>55.00</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
<b>B.Sc.</b>	<b>96</b>	<b>4</b>	<b>Nil</b>
<b>M.Sc.</b>	<b>90</b>	<b>10</b>	<b>Nil</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

**NET: 01; various alumni of the department have been serving the defense and other services.**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>35</b>
PG to M. Phil.	<b>30</b>
PG to Ph.D.	<b>10</b>
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	<b>20</b>
• Other than campus recruitment	
Entrepreneurship/Self-employment	<b>10</b>

30. Details of Infrastructural facilities

- a) **Library** **Yes**  
 b) **Internet facilities for Staff & Students** **Yes**  
 c) **Class rooms with ICT facility**  
**The common facility provided by the college is used when required.**  
 d) **Laboratories** **08**

31. Number of students receiving financial assistance from college, university, government or other agencies

- **INSPIRE scholarship-01**
- **POSE scholarship-01**
- **All eligible SC/BC students from Government of Haryana.**

32. Details on student enrichment programs (special lectures/workshops /seminar) with external experts **Nil**

33. Teaching methods adopted to improve student learning

**In addition to regular teaching techniques the students are exposed to lectures of EDUSAT and delivered some lectures through audiovisual aids /internet facilities and computer system in practical classes.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Yes. The students participate in college activities as NSS volunteers and in public environmental awareness programs and other social problems. The students are encouraged to participate in various activities organized from time to time viz, quiz competition, chart-making, poster making, essay writing, declamation contest, paper-reading etc. Moreover, the educational tours are also organized to visit the Research and Development sections of pharmaceutical industries and national level laboratories like Ranbaxy, Oil Refineries at Mathura and Panipat, Dabur Plant – Alwar and Sugar Mill – Karnal, so as to familiarize the students with the recent developments.**

35. SWOC analysis of the department and Future plans

**Strengths**

- **Well qualified, passionate, dedicated, highly experienced staff.**
- **Well equipped laboratories.**
- **Excellent instrumentation facility.**
- **Demonstration of the experiments in the practical classes.**
- **Use of static model and working model, charts and computer system in practical.**

**Weakness**

- **Three permanent posts are lying vacant.**

**Opportunities**

- **The students of Chemistry have great opportunities in Government as well as private sectors. Besides the teaching jobs, they have good chances to opt for administrative services like, Indian Forest Services and Indian Administrative Services. In addition to these, the multi-national companies and national level research institutes have various disciplines for Chemistry graduates, postgraduates and doctoral students, e.g. DRDO, CSIR labs, Research and Development section of the pharmaceutical companies, quality control units, forensic science etc.**

**Challenges**

- **To make the subject interesting and significant in today's changing world.**
- **The curriculum should be upgraded regularly.**

**Future Plan**

- **The faculty would work to get more research projects.**
- **To involve students in research.**
- **National level seminar.**

## Evaluative Report of the Department of Commerce

- |   |   |
|---|---|
| 1. Name of the Department   | <b>Commerce</b>   |
| 2. Year of Establishment  | <b>1972</b>   |
| 3. Names of Programmes / Courses offered<br>(UG, PG, M.Phil., Ph.D., Integrated Masters;<br>Integrated Ph.D., etc.) | <b>UG – 1972, PG - 2010</b>                             |
| 4. Names of Interdisciplinary courses and<br>the departments/units involved   | <b>Computer Science,<br/>Mathematics and Economics.</b> |
| 5. Annual/ semester/choice based credit<br>system (programme wise)  | <b>Semester</b>   |
| 6. Participation of the department in the<br>courses offered by other departments                                   | <b>Nil</b>  |
| 7. Courses in collaboration with other<br>universities, industries, foreign institutions                            | <b>Nil</b>  |
| 8. Details of courses/programmes discontinued<br>(if any) with reasons  | <b>Nil</b>  |
| 9. Number of Teaching posts   |   |

	Sanctioned	Filled
<b>Faculty</b>	<b>06</b>	<b>19</b>
<b>Associate Professors</b>	<b>01</b>	<b>01</b>
<b>Assistant Professors</b>	<b>05</b>	<b>03 + 15 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Speciali- zation	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Mukta Jain</b>	<b>M.Com., Ph.D, F.C.A., NET</b>	<b>Associate Professor</b>	<b>Accounts and Taxation</b>	<b>25 Years</b>	<b>Nil</b>
<b>Dr. Pooja Malhotra</b>	<b>M.Com, M.B.A., Ph.D.NET</b>	<b>Assistant Professor</b>	<b>Accounts and Finance</b>	<b>12 Years</b>	<b>M.Phil. 3 Ph.D. 3</b>
<b>Dr. Dimple Khosla</b>	<b>M.Com., Ph.D., NET PGDCA</b>	<b>Assistant Professor</b>	<b>Accounts and Finance</b>	<b>16 Years</b>	<b>Nil</b>
<b>Ms. Vandana Sabharwal</b>	<b>M.Com. NET</b>	<b>Assistant Professor</b>	<b>Marketing</b>	<b>2 Years &amp; 5 months</b>	<b>Nil</b>

<b>Ms. Mamta Arora</b>	<b>M.Com, M.Phil., B.Ed, NET</b>	<b>Assistant Professor</b>	<b>Accounts, taxation and Marketing</b>	<b>8Years</b>	<b>Nil</b>
<b>Ms. Rashi Sachdeva</b>	<b>M.Com., M.Phil.,</b>	<b>Assistant Professor</b>	<b>Marketing</b>	<b>5 years 2 months</b>	<b>Nil</b>
<b>Ms. Chanchal Gupta</b>	<b>M.Com., M.Phil., NET</b>	<b>Assistant Professor</b>	<b>Accounts and Finance</b>	<b>5 years 3 months</b>	<b>Nil</b>
<b>Ms. Komal Gupta</b>	<b>M.Com., M.Phil., NET</b>	<b>Assistant Professor</b>	<b>Accounts and Finance</b>	<b>3 years 6 months</b>	<b>Nil</b>
<b>Ms. Geetanjali</b>	<b>M.Com., NET</b>	<b>Assistant Professor</b>	<b>Accounts and Taxation</b>	<b>3 years 4 months</b>	<b>Nil</b>
<b>Ms. Latika</b>	<b>M.Com.</b>	<b>Assistant Professor</b>	<b>Tax (Direct)</b>	<b>3 years 1 month</b>	<b>Nil</b>
<b>Ms. Navandeep</b>	<b>M.Com.</b>	<b>Assistant Professor</b>	<b>Finance &amp; Marketing</b>	<b>3 years 1 month</b>	<b>Nil</b>
<b>Ms. Suman</b>	<b>M.Com., M.Phil., B.Ed, , MBA,NET</b>	<b>Assistant Professor</b>	<b>Marketing</b>	<b>2 Years 3 months</b>	<b>Nil</b>
<b>Dr. Nancy Bawa</b>	<b>M.Com, M.Phil, NET, PhD</b>	<b>Assistant Professor</b>	<b>Accounting and Finance</b>	<b>3 Years</b>	<b>Nil</b>
<b>Ms. Neha Gupta</b>	<b>M.Com, M.B.A., M.Phil</b>	<b>Assistant Professor</b>	<b>Human Resource Management</b>	<b>8 Years</b>	<b>Nil</b>
<b>Ms. Samridhi Gupta</b>	<b>M.Com (Hons.) NET</b>	<b>Assistant Professor</b>	<b>Finance, Insurance and Banking</b>	<b>9 months</b>	<b>Nil</b>
<b>Ms. Komal Kalra</b>	<b>M.Com,</b>	<b>Assistant Professor</b>	<b>Statistics</b>	<b>1 Year</b>	<b>Nil</b>
<b>Ms. Mamta Kamboj</b>	<b>M.com; M.Phil, MBE NET</b>	<b>Assistant Professor</b>	<b>Finance &amp; HRM</b>	<b>5 years 4 months</b>	<b>Nil</b>
<b>Ms. Manisha</b>	<b>M.Com, M.B.A.</b>	<b>Assistant Professor</b>	<b>Finance, Marketing</b>	<b>4 Years 5 months</b>	<b>Nil</b>
<b>Ms. Parul</b>	<b>M. Com, B.Ed</b>	<b>Assistant Professor</b>	<b>-</b>	<b>Nil</b>	<b>Nil</b>



11. List of Senior Visiting Faculty

<b>Sh. Arvind Kaul, IAS (Retd.)</b>	<b>Hon'ble Trustee, Dyal Singh College Trust Society, Karnal</b>
<b>Dr. Hawa Singh</b>	<b>Chairman, Department of Commerce, K.U. Kurukshetra</b>
<b>Dr. M.S. Turan</b>	<b>Former Dean &amp; Chairman School of Business Studies, G.J.U.S.T., Hisar</b>
<b>Dr. Sultan Singh</b>	<b>Dean of Academic Affairs &amp; Chairman, Deptment of Business Administration, CDLU, Sirsa</b>
<b>Dr. Anil Mittal</b>	<b>Professor, Department of Management, K.U. Kurukshetra</b>
<b>Dr. G.S. Batra</b>	<b>School of Management Studies, Punjabi University, Patiala</b>
<b>Dr. Paritosh</b>	<b>Reader, Department of Management, TMU, Moradabad</b>
<b>Dr. A.K. Garg</b>	<b>Head Department of Management, TMU, Moradabad</b>
<b>Dr. Y.P. Sharma</b>	<b>Principal, D.A.V.P.G. College, Karnal</b>
<b>Dr. Narender Singh</b>	<b>Chairman, Department of Commerce, K.U. Kurukshetra</b>
<b>Dr. Subhash Chander</b>	<b>Associate Professor, Department of Commerce, Janta College, Kaul</b>
<b>Dr. Mahavir Narwal</b>	<b>Associate Professor, Department of Commerce, K.U. Kurukshetra</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**U.G. - 72%**

**P.G. - 100%**

13. Student -Teacher Ratio (programme wise)

**U.G. - 63:1**

**P.G. -44:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

**Nil**

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil/PG.

**Ph.D.- 4, M.Phil - 8**

**M.Com.- 7**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

**Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

**Nil**

18. Research Centre /facility recognized by the University

**Ph.D. Guided : 3**

**M.Phil. Guided : 03**

**Ph.D. Guided : 03**

**Dr. Pooja Malhotra**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Ravinder Singh	A Case Study of Effectiveness of Labour Laws in Haryana with Special Reference to Sonapat District	Singhania University, Singhania, Rajasthan	2012
2	Ritika Makkar	Corporate Web Reporting in India	Singhania University, Singhania, Rajasthan	2012
3	Devesh Bathla	Growth and Prospects of M-Commerce in India	Monad University, Hapur (U.P.)	2013

**M.Phil. Guided : 03**

**Dr. Pooja Malhotra**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Amita	Performance Appraisal of Mutual Funds in India	K.U. Kurukshetra	2007
2	Neha Singla	Comparative Analysis of Non-performing Assets in Public And Private Sector Banks in India	K.U. Kurukshetra	2008
3	Sunil Kumar	A Study of Distribution Channels in Agri Products in Kaithal District	CDLU, Sirsa	2008

19. Publications

\* Number of papers published in peer reviewed journals (national / international) by faculty and students

**Papers Published : 60**

**Papers Presented :104**

**Paper Published**

**Dr. Mukta Jain**

1. Jain Mukta (2012), 'Accounting for Carbon Credits' in the Proceedings of International Conference on 'Resurging India-Myths and Realities' ISBN 93-82062-04-1.

**Dr. Pooja Malhotra**

1. Singh, B. and Malhotra, P. (2003-04), 'Internet Banking in India: Progress and Prospects', Journal of Management Studies, Vol. 3, pp. 63-80. [citations – 1].

2. Singh, B. and Malhotra, P. (2004), 'Adoption of Internet Banking: An Empirical Investigation of Indian Banking Sector', *Journal of Internet Banking and Commerce*, Vol. 9, No. 2, p. 20. [citations – 25].
3. Singh, B. and Malhotra, P. (2004), 'Internet Banking – A Comparative Study of Private and Foreign Banks in India', *Journal of Applied Economics & Management*, Vol. 2, No. 1, pp. 33-52.
4. Singh, B. and Malhotra, P. (2004), 'Corporate Web Reporting Practices in India', *The Indian Journal of Commerce*, Vol. 57, No. 3, pp. 157-169, (July-Sept).
5. Singh, B. and Malhotra, P. (2004), 'Reporting on Internet by Indian Banks', *The ICAI Journal of Bank Management (IJBM)*, Vol. III, No. 3, pp. 71-101, (August). [citations – 1].
6. Singh, B. and Malhotra, P. (2004), 'Status of Internet Banking in India', *Management Accountant*, Vol. 39, No. 11, pp. 890-896, (November).
7. Malhotra, P & Singh, B (2004), 'Control to Management: Trajectory from FERA to FEMA', *Law Journal, GNDU, Amritsar*, Vol. XIII, pp.49-68.
8. Malhotra, P. and Singh, B. (2004), 'Reporting on Internet by Indian Banks,' proceedings of International Conference on Business and Finance, held at IBS, Hyderabad.
9. Malhotra, P. and Singh, B. (2005), 'Diffusion of Internet Banking in SAARC Countries', *Prajnan - Journal of Social and Management Sciences*, Vol. XXXIII, No. 4, pp. 307-319.
10. Malhotra, P. and Singh, B. (2005), 'New Revolution in the Indian Banking Industry: Internet Banking', *Punjab Journal of Business Studies*, Vol. 1, No. 1, pp. 75-86, (April-Sept).
11. Malhotra, P & Singh, B (2006), 'The Impact of Internet Banking on Bank's Performance: The Indian Experience', *South Asian Journal of Management*, Vol. 13, No. 4, pp. 25-54, (Oct-Dec) [citations –12].
12. Ramayah, T. and Malhotra, P. (2006), 'The Role of Perceived Usefulness, Perceived Ease of Use, Perceived Credibility, Perceived Behavioral Control and Subjective Norm on Intention to Use Internet Banking', *International Journal of Technology, Knowledge and Society*, Vol. 2, No. 6, pp. 83-89.
13. Malhotra, P. and Singh, B. (2006), 'Internet Banking: Indian Banks Moving towards Innovation', *The Indian Banker*, Vol. 1, No. 3, pp. 97-103, (March).
14. Malhotra, P. and Singh, B. (2006-07), 'The Impact of Internet Banking on Performance: Evidence from Indian Banks', *Business Analyst*, Vol. 1, No. 2, pp. 24-47, (Oct-March).
15. Malhotra, P. and Singh, B. (2007), 'The Determinants of Adoption of Internet Banking by banks in India', *Internet Research*, Vol. 17, No. 3, pp. 323 - 339. [citations – 30].
16. Malhotra, P. and Singh, B. (2009), 'The Impact of Internet Banking on Bank Performance and Risk: The Indian Experience', *Eurasian Journal of Business and Economics*, Vol. 2, No. 4, pp. 43-62. [citations – 9].

17. Malhotra, P. and Singh, B. (2010), 'Experience in Internet Banking and Performance of Banks', *International Journal of E-Finance*, Vol. 4, No. 1, pp. 64-83. [citations – 8].
18. Malhotra, P. and Singh, B. (2010), 'An Analysis of Internet Banking Offerings and its Determinants in India', *Internet Research*, Vol. 20, No. 1, pp. 87-106. [citations – 18].
19. Makkar, R and Malhotra, P. (2012), 'Determinants of Corporate Web Reporting: An Evidence from India', *International Journal of Trends in Commerce & Economics*, Vol. 1, No.12, pp. 1-18.
20. Bathla, D. And Malhotra, P. (2012), 'Mobile Commerce: A Game Changer,' *International Journal of Research in IT and Management*, Vol. 2, No.4, pp. 57-66.
21. Bathla, D. And Malhotra, P. (2012), 'An Overview of GSM Network Security,' *International Journal of Research in IT and Management*, Vol. 2, No.3, pp. 149-163.
22. Malhotra, P. and Makkar, R (2012), 'A Study of Corporate Web Reporting Practices in India', *IUP Journal of Corporate Governance*, Vol. XI, No.1, pp. 7-19. [citations – 2].
23. Malhotra, P. and Chadda, I. (2013), 'Financial Meltdown Impact, Its Recoveries and Indian Economy,' proceedings of National Conference on Emerging Issues in Financial Markets organised by USMS, GGSIPU, New Delhi on 15<sup>th</sup> Feb 2013, published by Bloomsbury Publishing India Pvt Ltd. New Delhi.
24. Malhotra, P. (2014) 'Integration of ICT in teaching and learning' in *International Journal of research*, Vol 1, No 10, pp 198-209.
25. Malhotra. P., Kassim, N.M. and Ramaiyah, T (2014), Factors affecting adoption of internet banking : a case Study from India, 'Asia Pacific Journal of Business', Vol. 5 No. 2 pp. 33-34.
26. Malhotra, P. and Singh, B. (2015), 'An Analysis of Use of Social Network Sites in Indian Banking Sector', *Productivity, Journal of National Productivity Council (NPC)*, Ministry of Commerce and Industry, India.

**Dr. Dimple Khosla**

1. 'Impact of Venture Capital Financing on Human Resource Development: A Qualitative Analysis', 'Human Resource Development- Theoretical and Practical Implications', 2012, ISBN 978-81-8484-233-3.
2. 'Exploring Determinants of Venture Capital Finance – A Factor Analysis Approach', *Management Vista*, Vol 2010, ISSN 0974-682X.
3. 'Entrepreneurial Development through Private Equity', *International Journal Research Link*, Vol. January 2013, ISSN 0973-1628.
4. 'Emerging Hr Practices and its Impact on Employees satisfaction in Teaching in Haryana', 'Managing Human Resources', 2014, ISBN- 978-81-8484-448-1.
5. 'Working Capital Management of Hotel Industry in India: An Analysis', 'International Journal of Research', Issue Feb. 2015, Vol 02, Issue 2, pp 442-453, ISSN: 2348-6848; e-ISSN: 2348-795X, Impact Factor: 3.541.

6. 'Multivariate Analysis of Indian Banking Sector Performance: A Camel Framework Approach', International Journal of Multidisciplinary Research and Development', Issue Feb. 2015, Vol 02(1) pp 362-366, p-ISSN: 2349-5979; e-ISSN: 2349-4182. Impact Factor: 3.672.
7. 'Analysis of Venture Capital Fundin in India', in 'Gyan Management' an International Bi-annual Refereed Journal of Management and Technology, Jan-June 2015, Vol 9, issue 1, pp 123-131, ISSN 0974-7621.
8. 'Start-ups- The Inception of New Era', in Journal of Studies and Management and Planning', an international refereed journal, March 2016, Vol 2, Issue 3, pp 160-162, ISSN 2395-0463.
9. 'Consumer Perception towards organized vs unorganized retailing for FMCGs and Grocery, in 'Gyan Management' an International Bi-annual Refereed Journal of Management and Technology, Jan-June 2016, Vol 10, issue 1, pp 57-65, ISSN 0974-7621.
10. 'Start-up by Bootstrapping- A Case Study of Anubal Foods' publishes in the seminar proceedings (ISBN 978-93-5254-810-1) of one day inter disciplinary National Seminar organized by R.K.S.D. College, Kaithal on 17th Feb, 2016.

**Ms. Vandana Sabharwal**

1. Published one paper entitled 'Women Buying Behaviour and Consumption Pattern of Facial Skin care Products' in International Journal of Management and Social Science Research (ISSN 2319-4421) Vol.3, No. 9 on 9<sup>th</sup> September, 2014.
2. Published one paper entitled 'Involvement of Women in Different Stages of Decision Making Process of Various Durables: A Literature Review' in 'Enlightened Voice' a Multi Disciplinary National Research Journal (ISSN 2455-2984) Vol.1, No.1 in Dec., 2015.
3. Published one paper entitled 'An Insight into Women Involvement on Buying Decision Making Process of Washing Machine' in International Journal of Management and Social Science Research (ISSN 2319-4421) Vol.5, Issue 9, Sep., 2016.

**Ms. Mamta Arora**

1. 'Banking on Strategic Vehicle of Information Technology-A Comparative Study of Public and Private Sector Banks' SS International Journal of Economics and Management, Vol. 3, Issue 3, May 2013, ISSN: 2231-4962.
2. 'Financial Inclusion in India- The Move Ahead' SS International Journal of Business and Management, Vol.4 ,Issue 1, Jan.2014 ISSN: 2231-4960
3. 'Taxation Aspects of Charitable Organizations' S.S. International Journal of Business and Management, Vol.4, Issue 2, March 2014 ISSN: 2231-4960.
4. Research Paper 'Medical Tourism In India-The Step Towards Growth' published in an Edited Book, Business Solutions published by Research India Publications, New Delhi. ISBN 978-93-84443-23-8.

**Dr. Nancy Bawa**

1. 'Operating Performance Analysis of Private Sector Life Insurance Companies in India', *Envision: International Journal of Commerce and Management*, Apeejay College of Fine Arts, Jalandhar, No.3, 2011, ISSN: 0973-5976.
2. Published Research paper titled 'An Analytical Study on Financial Health of Private Sector Life Insurance Companies in India' in proceedings of conference held in Haryana School of Business, GJUST, Hisar held on March 10-11, 2011, ISBN:13978-0230-32185-4.
3. 'Examining Performance of State Bank of India- A Financial Analysis' *Research Revolution*, Vol. 2, Issue 2, Dec 2013, ISSN: 2319-300X.
4. 'An Overview of Life Insurance Business in India' *SAARJ Journal on Banking and Insurance*, Vol. 2, Issue 6, Nov. 2013, ISSN: 2319-4421.
5. 'Strategies of Rural Marketing in India' *International Journal of Management and Social Science Research*, Vol. 2, No 10, Dec 2013, ISSN: 2319-1422.
6. 'Preferences for Washing Soap and Detergent with Special reference to Rural Consumers of Kurukshetra District' *Research Revolution*, Vol. 2, Issue 4, Jan 2014, ISSN: 2319-300X.

**Ms. Chanchal**

1. 'Mutual Funds a good investment Opportunity-An Inside view' *International Journal of Research*, Vol 2, Issue-03, March 2015. ISSN:2348-6848.

**Ms. Rashi**

1. 'Prospects of Paint Industry in Automotive Segment:A Review' *International Journal of Research*, Vol 2, Issue-03, March 2015, ISSN:2348-6848

**Ms. Mamta Kamboj**

1. *Banking Services in the Era of Globalisation in International Journal of Management Research*. Oct -Dec. 2013. ISSN 2321-1709.
2. *Multivariate Analysis Of Foreign Direct Investment in India in Upstream Research Journal* Vol. 1 Issue 2. ISSN 2320-768X.
3. *Indian Financial Sector Challenges & Opportunities in Upstream Research Journal*. Issue 2 Vol 1. ISSN 2320-768X.
4. *Rural Marketing in Journal Research in Computer Application and Management*. Vol. 4, Issue 4 Sep. 2014. ISSN 2231-1009.
5. *Green Marketing in International Journal of Research in Computer Application and Management*. Vol. 4, Issue 4 Aug. 2014. ISSN 2231-1009.

**Ms. Samridhi**

1. *Skill Development in India: A critique published in Indian Ethos an Interdisciplinary international Journal* vol 5 No. 2, winter 2015 ISSN 2249-4324.

**Ms. Geetanjali**

1. 'Naxalism : A Threat to Internal Security' in *International Journal of Social Science, Journalism and Mass Communication*, Vol. I, Issue I, Dec. 2014, ISSN : 2394-2932.

2. 'Information and Communication Technology (ICT) Enabled Teaching & Learning' in International Journal of Multidisciplinary Consortium, Vol. 3, Issue 1, 2014, ISSN : 2349-073X.

**Papers Presented :**

**Dr. Mukta Jain**

1. Presented a paper on 'Indian Health Care Industry-Emerging Trends'in U.G.C. Sponsored National Seminar on 'The Role of Service Sector in the Present Scenario' on January18, 2008 organised by M.D.S.D. Girls College, Ambala City.
2. Presented a paper on 'Strategic Management Issues & Implications' in HEC sponsored National Seminar on 'Emerging Challenges in Commerce and Management' on March 18-19, 2008 organised by Govt. College For Women, Karnal.
3. Presented a paper on 'Impact of Global Recession on Employment in India' in U.G.C. Sponsored National Seminar on 'Impact of Globalisation on Indian Economy' on February 4-5, 2009 organised by Swami Vivekanand Govt. Commerce College, Ratlam (M.P.).
4. Presented a paper on 'Growth of Organised Retail in India'in National Seminar on 'Changing Dimensions in Indian Retail Sector' on February 21-22, 2009 organised by D.A.V. College, Cheeka (Kaithal).
5. Presented a paper on 'Corporate Governance through Audit Committees' in UGC sponsored National Seminar on 'Good Governance in India-Need & Rationale'on March13, 2009 organised by D.A.V.College, Pehowa.
6. Presented a paper on 'Limited Liability Partnership' in HEC sponsored National Seminar on' Emerging Issues in Commerce and Management' on February 5-6, 2010 organised by Dyal Singh College, Karnal.
7. Presented a paper on 'Economics of Stability and Peace' in International Conference on 'Democracy, Federalism and Peace- Experiences of India and Other Countries' on March 4-6, 2010 organised by Dyal Singh College, Karnal.
8. Presented a paper on 'Direct Tax Code-Ushering in a New Era of Moderate Taxation' in All India Commerce Conference (October 1-3, 2010) organised by Goa University.
9. Presented a paper on 'Disinvestment' in U.G.C. sponsored National Seminar on 'Liberalization, Privatization and Globalisation- Issues, Challenges and Prospects' on October 5-6, 2010 organised by D.A.V.(P.G.) College, Karnal.
10. Presented a paper on 'Corporate Social Responsibility-Need of the Hour' in HEC sponsored National Seminar on 'Corporate Governance in India'(March 17-18,2011) organised by Govt. P.G.College, Karnal.
11. Presented a paper on 'Corporate Social Responsibility-A Key to Sustainable Business' in U.G.C. sponsored National Seminar on 'Emerging Issues Before Indian Capital Market'(March 14-15,2011) organised by D.A.V.College, Sadhaura (Yamuna Nagar).

12. Presented a paper on 'Accounting For Carbon Credits ' in International Conference on 'Resurging India- Myths and Realities'(March 17-18,2012) organised by Teerthanker Mahavir University, Moradabad.
13. Presented a paper on 'Bridging the Gap and Meeting the Challenges of Healthcare Development in India'in National Seminar organised by K.V.A.D.A.V.College for Women, Karnal on October 26, 2012.
14. Presented a paper on 'Rural Insurance-Opportunities and Challenges' in National Seminar organised by Guru Nanak Khalsa College, Karnal on March 2-3, 2013.
15. Presented a paper on 'GST-The backbone of Make in India' in National seminar organised by G.N.K. College, Karnal on March 10-11, 2016.
16. Presented a paper on 'Ethics in Tax Practices' in National Seminar organized by MDSD Girls College, Ambala City on October 8, 2016.

**Dr. Pooja Malhotra**

1. 'Private Placement of Securities: Indian Experience,' at National Seminar on Financial Sector Reforms: Contemporary Issues and Challenges organized by Department of Commerce, Punjabi University, Patiala on February 10-11, 2005.
2. 'Corporate Governance in India – Miles to Go,' at National Seminar on Managing India Inc.–Strategies for Growth and Sustainability organized by Department of Commerce, K.U., Kurukshetra on April 21, 2005.
3. 'The Role of Perceived Usefulness, Perceived Ease of Use, Perceived Credibility, Perceived Behavioral Control and Subjective Norm on Intention to Use Internet Banking,' at 2<sup>nd</sup> International Conference on Technology, Knowledge and Society, Hyderabad on 12-15 Dec. 2005.
4. 'Growth of Services Sector in India,' at 58<sup>th</sup> All India Commerce Conference organized by Faculty of Commerce and Management Studies, Mahatma Gandhi Kashi Vidyapith, Varanasi on. Dec. 27<sup>th</sup> – 29<sup>th</sup>, 2005.
5. 'Growth of Internet Banking in India,' at National Seminar on Emerging Issues in Capital Market organized by Department of Commerce, Kurukshetra University, Kurukshetra on March 17, 2007.
6. 'Does offering of Internet Banking Add Value to Bank Performance and Risk? The Indian Experience', at International Seminar on Perspectives in Strategic Management by Department of Commerce, K.U. Kurukshetra on November 23-24, 2007.
7. 'The Dynamism of India's Services Sector,' at 60<sup>th</sup> Annual Conference of the Indian Commerce Association organised by Osmania University, Hyderabad on Dec 27-29, 2007.
8. 'Growth and Performance of Internet Banking in India,' at Doctoral Thesis Confluence organised by IBS, Gurgaon on Mar 17-18, 2009.
9. 'Growth and Performance of SEZs in India,' at National Conference on Perspectives of Finance, Marketing and HR organised by Haryana College of Technology and Management, Kaithal, Haryana on Oct 09, 2009.



10. 'The Impact of Internet Banking on Performance of Commercial Banks in the Developing Economy: An Evidence from India,' at International Conference on Strategic Marketing of Consumer and Technology Products by Panjab University Regional Centre, Ludhiana on December 10-11, 2010.
11. 'Impact of Internet Banking on Performance of Commercial banks: An evidence from India' at 65<sup>th</sup> All India Commerce Conference held at K.P.B. Hinduja College of Commerce on Nov 9-11, 2012.
12. 'Financial Meltdown Impact, Its Recoveries and Indian Economy,' at National Conference on Emerging Issues in Financial Markets organised by USMS, GGSIPU, New Delhi on 15<sup>th</sup> Feb 2013.
13. 'Multivariate Analysis of FDI in India,' at National Seminar on Indian Economy in the Post Reform Era organised by NIT, Kurukshetra on April 19-20, 2013.
14. 'Growth and Performance of Services Sector in India' at National Seminar on Contemporary issues of commerce and Economics organised by DAV College, Cheeka on March 22, 2014.
15. 'Implications of social networking sites for commercial banks in India' at International Conference at Gaeddu College of Business Studies, Royal University of Bhutan on June 15, 2015.
16. 'Globalisation and E-Commerce in India: Issues and Challenges' at international conference at Kanya Mahavidyalaya Jalandhar on January 27, 2016.
17. 'Make in India- Its Issues and Challenges' at national seminar organized by Department of Commerce, K.U. Kurukshetra on 26<sup>th</sup> Feb, 2016

**Dr. Dimple Khosla**

1. Presented a paper titled, 'Knowledge Process Outsourcing' in National Seminar sponsored by DHE, Haryana at Govt. College for Girls, Karnal on 18 -19 March 2008.
2. Presented a paper titled 'Impact of Economic Meltdown in Insurance Sector' in UGC sponsored National Seminar at S.M.S. Khalsa Labana College, Barara on 07 Feb. 2009.
3. Presented a paper titled 'Strength and Weaknesses of Unorganised Retail Sector' in National Seminar at D.A.V. College, Cheeka on 21-22 Feb., 2009.
4. Presented a paper titled, 'Economic Meltdown and Federalism in India' in UGC sponsored National Seminar at Dyal Singh College, Karnal on 06-07, March 2009.
5. Presented a paper titled 'Foreign Direct Investment – Emerging Trends' in UGC sponsored National Seminar at Sanatan Dharam College, Ambala Cantt. on 27<sup>th</sup> March 2009.
6. Presented a paper titled, 'Venture Capital Financing and Entrepreneurial Development in India' in National Seminar sponsored by DHE, Haryana at Dyal Singh College, Karnal on Feb. 05-06, 2010.
7. Presented a paper on 'Economics of Stability and Peace' in International Conference on 'Democracy, Federalism and Peace- Experiences of India

- and Other Countries’ on March 4-6, 2010 organised by Dyal Singh College, Karnal.
8. Presented a paper titled ‘Disinvestment’ in UGC sponsored National Seminar at D.A.V. (P.G.) College, Karnal on 05-06 October, 2010.
  9. Presented a paper titled, ‘Relevance of Bhagat Singh in Liberalised Economy’ in UGC sponsored National Seminar at Dyal Singh College, Karnal on 28-29, November, 2010.
  10. Presented a paper titled ‘Venture Capital Operations In India’ in UGC sponsored National Seminar at D.A.V. College, Sadhaura (Yamunanagar) on 14-15 March, 2011.
  11. Presented a paper titled ‘Performance of Indian Banking Sector’ in UGC sponsored National Seminar at Arya P.G. College, Panipat on 22-23 March, 2011.
  12. Presented a paper titled, ‘Venture Capital Funding: A Silver Lining during Recession’ in National Seminar sponsored by DHE, Haryana at Govt. P.G. College, Karnal on 09 -10 Feb., 2012.
  13. Presented a paper titled, ‘Relationship between Corporate Governance and Financial Performance: A Study of Indian Telecom Industry’ in National Seminar sponsored by DHE, Haryana at Govt. College for Women, Karnal on 02 – 03 March, 2012.
  14. Presented a paper titled, ‘Venture capital Funding In India: Choice of Entrepreneurs’ in National Seminar sponsored by DHE, Haryana at Govt. College for Girls, Panchkula on 14 March, 2012.
  15. Presented a paper titled, ‘Implication of Corporate Governance on Financial Performance of Indian Telecom Industry’ in National Seminar sponsored by ICSSR NW Regional Centre, Chandigarh at Department of Commerce, Kurukshetra University Kurukshetra on 15 - 16 March, 2013.
  16. Presented a paper titled, ‘Impact of Venture Capital Financing on Human Resource Development: A Qualitative Analysis’ in 2<sup>nd</sup> National Conference on Value Creation and Sustainability in Competitive Era on 28<sup>th</sup> April, 2012.
  17. Presented a paper titled, ‘ Start-up by Bootstrapping- A Case Study of Anubal Foods’ in one day inter disciplinary National Seminar at R.K.S.D. College, Kaithal on 17 Feb, 2016.
  18. Presented a paper titled, ‘Start-ups: A step towards the Bright Future’ in one day National Seminar organized by Department of Commerce in K.U. Kurukshetra, 26 Feb, 2016.

**Ms. Vandana Sabharwal**

1. Presented a paper titled. ‘Women Buying Behavior and Consumption Pattern of Facial Skin Care Products’ at HSB 6<sup>th</sup> National Conference on Business and Mangement on February 6-7, 2014.
2. Attended UGC Sponsored Orientation Programme-17 from 5.5.2014 to 31.5.2014 Organized by Academic Staff College, GJUS&T, Hisar, Haryana.

3. Presented one paper titled 'Role Of Women in Family Purchase Decision Making of Consumer Durables' : A Literature Review in 7<sup>th</sup> Annual National Conference organized by Haryana School of Business, GJUST, Hissar on 12-13 Feb, 2015.
4. Presented one paper titled 'Role Of Women in Family Purchase Decision Making of Washing Machines' in 8<sup>th</sup> Annual National Conference organized by Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hissar on 10-11 Feb, 2016.

**Ms. Mamta Arora**

1. Presented a paper titled, 'Performance evaluation and Management' at S.M.S. Khalsa Labana College, Barara Ambala on 7 Feb.2009.
2. Presented a paper titled, 'Organized Retail in India' at DAV College Cheeka on 21-22 Feb, 2009.
3. Presented a paper titled, 'Mutual Funds in India and its Overview.' at Dyal Singh College, Karnal On 5-6 Feb, 2010.
4. Presented a paper titled, 'Building a Sustainable Environment-A Key Challenge for Mankind' at Aggarwal College, Ballabgarh on 11-12 March 2011.
5. Presented a paper titled, 'Role of Regulator in Corporate Governance' at Govt. P.G. College, Karnal on 17-18 March 2011.
6. Presented a paper titled, 'Mutual Funds –An Overview of India' at Guru Nanak Khalsa College, Karnal on 2-3 March 2013.
7. Presented a paper titled, 'Indian Banking Sector-on Vehicle of Information Technology' at Dept. of Commerce, K.U.K on 15-16 March 2013.
8. Presented a paper titled, 'Impact of Inter-Personal Relationship on Stress' at PG Department of Commerce and Management, S.S. (PG) College Shahajahanpur (U.P.) on 31January-1st Feb2016.

**Ms. Geetanjali Verma**

1. Presented a paper titled 'MicroFinance – Fortune at the bottom of Pyramid' at Govt. College for Girls, Panchkula on 14 March, 2012.
2. Presented a paper titled 'Mutual Funds –An Overview of India' at Guru Nanak Khalsa College, Karnal on 2-3 March 2013.
3. Presented a paper on 'Make in India & Skill Development'at Guru Nanak Khalsa College ,Karnal March 10-11, 2016.
4. Presented a paper on 'Bhagwati Charan Vohra- An Embodiment of Sacrifice'at Guru Nanak Khalsa College, Karnal March 12, 2016.

**Ms. Chanchal Gupta**

1. Presented a paper titled 'Disinvestment in PSU' at D.A.V. (P.G.) College, Karnal on 05-06 October, 2010.
2. Presented a paper titled, 'Corporate Governance at Dyal Singh College, Karnal on 05-06, February 2010.
3. Presented a paper titled 'Corporate Governance' at D.A.V. College, Sadhaura (Yamunanagar) on 14-15 March, 2011.
4. Presented a paper titled, 'Corporate Governance and Business Ethics' at Govt. P.G. College, Karnal on 17-18 March 2011.

5. Presented a paper titled, 'Labour Laws in India (A brief study of Factories Act, 1948).' at Govt. College for Girls, Panchkula on 14 March, 2012.

**Ms. Rashi Sachdeva**

1. Presented a paper titled, 'Branded Retailing Growth of Retailer Brands and Concept of Branding' at Dyal Singh College, Karnal on 05-06, February 2010.
2. Presented a paper titled, 'Corporate Social Responsibility in India at Govt. P.G. College, Karnal on 17-18 March 2011.
3. Presented a paper titled, 'Leadership Styles: A Case Study.' at Govt. College for Girls, Panchkula on 14 March, 2012.

**Ms. Suman Rani**

1. Presented a paper titled, 'Finance Literacy and Consumer Education' at Govt. College for Girls, Panchkula on 13 Feb., 2014
2. Presented a paper titled, 'NGO Intervention and Role of Civil Society in India' at Maharaja Aggarsain College, Jagdhari on 7-8 Feb, 2014.
3. Presented a paper titled, 'Food Security as a Human Right in India' at Maharaja Aggarsain College, Jagdhari on 5-6 March, 2014.
4. Presented a paper on 'Education transformation for new System' at Guru Nanak Khalsa College, Karnal (Haryana) March 10-11, 2016.
5. Presented a paper titled 'Human Resource Management in Organised Retail Industry in India' at G.N.K. College, Yamunanagar on September 22, 2016.

**Ms. Nancy Bawa**

1. Presented Research paper titled 'Evaluating Performance of LIC and Private Insurance Sector' in National Seminar organized by D.A.V. College, Cheeka (Kaithal) on March 22, 2014.
2. Presented Research paper titled 'Revenue Efficiency of Life Insurance Companies in India' at Global Conference organized by MDI Gurgaon held on March 15-16, 2014.
3. Presented Research paper titled 'An Analytical Study on Fund Wise Investment of Life Insurance Companies in India' in National Seminar organized by Department of Commerce, K.U.Kurukshetra on March 15-16, 2013.
4. Presented Research paper titled 'Foreign Direct Investment- Opportunities and Challenges to Indian Economy' in National Seminar organized by Markanda National College, Shahbad on Feb 23, 2013.
5. Presented Research paper titled 'An Analytical Study on Financial Health of Private Sector Life Insurance Companies in India' in National Seminar organized by Haryana School of Business, Guru Jhambheshwar University, Hisar held on March 10, 2011.
6. Presented Research paper titled 'Rural Marketing' in National Seminar organized by Dyal Singh College, Karnal on Feb. 5-6, 2010.
7. Presented research paper 'Role of FDI in insurance sector in India' in a National Conference on 'Impact of FDI in Different sector' organised by S.D. ( P.G.) College, Panipat, Haryana on March 22-23, 2015.

8. Presented research paper titled, 'Make in India: Layout for transforming India' in a National Seminar organized by Govt. P.G. College, Ambala Cantt. on 6-02-2016
9. Research paper titled 'SMEs and Economic Development of India in a National Seminar organized by dept of Commerce, K.U. Kurukshetra, on 26<sup>th</sup> Feb, 2016.

**Ms. Komal Gupta**

1. Presented a paper titled 'Disinvestment in PSU' at D.A.V. (P.G.) College, Karnal on 05-06 October, 2010.
2. Presented a paper titled, 'Corporate Governance at Dyal Singh College, Karnal on 05-06, February 2010.
3. Presented a paper titled 'Corporate Governance' at D.A.V. College, Sadhaura (Yamunanagar) on 14-15 March, 2011.
4. Presented a paper titled, 'Corporate Governance and Business Ethics' at Govt. P.G. College, Karnal on 17-18 March 2011.
5. Presented paper titled, 'Labour Laws in India (A brief study of Factories Act, 1948).' at Govt. College for Girls, Panchkula on 14 March, 2012

**Ms. Mamta Kamboj**

1. Presented a paper titled Indian Financial Sector-Challenges & Opportunities' at G N Khalsa College, Karnal on 2-3 March 2013.
2. Presented a paper titled' Green Marketing'at D.A.V. College, Cheeka on 24 March 2014.
3. Presented a paper titled' Retail Marketing' at Arya P.G College, Panipat on 25 March 2015.

**Ms. Neha Gupta**

1. Attended and presented a paper on 'Technical Advancement in Manufacturing Sector'at Guru Nanak Khalsa College, Karnal (Haryana) March 10-11, 2016.
2. Presented a paper on 'Challenges Affecting the Organised Retail Sector' at G.N.K. College, Yamunanagar on September 9, 2016.

**Ms. Samridhi**

1. 'Linkages between skill development and make in India in National Seminar at Guru Nanak Khalsa College Karnal on 10-11 March, 2016.

**Ms. Manisha Choudhary**

1. Presented a paper titled 'Corporate entrepreneurship an approach to implementation' at Kurukshetra Institute of Technology and Management, Kurukshetra on 20 April 2013.
2. Presented a paper titled 'Trends of FII in India- a study of 2006-2012' in National Seminar at G.N.K. College, Karnal on 2-3 March 2013.
3. Presented a paper titled 'Rural Entrepreneurship in India: Future Perspective and Challenge' in two days National Conference at RPIIT, Karnal held on May 17-18, 2012.
4. Presented a paper titled, 'Communication Skills 'MSME Workshop at Kurukshetra Institute of Technology and Management, Kurukshetra held on 20 April 2013.

### **Seminars/Conferences Attended**

#### **Dr. Mukta Jain**

1. Attended HEC sponsored National Seminar on 'Marketing of Consumer Services' (January 6-7, 2006) organised by Govt. P. G. College, Karnal.
2. Attended National Seminar on 'Foreign Direct Investment in Retail Business' (February 18, 2006) organised by Guru Nanak Khalsa College, Karnal.
3. Attended International Seminar on 'Perspectives in Strategic Management' (November 23-24, 2007) organised by Department of Commerce, K.U.K.
4. Attended U.G.C. sponsored National Seminar on 'Dynamics of Federalism in India' (March 6-7, 2009) organised by Dyal Singh College, Karnal.
5. Attended a Workshop on 'Personal Excellence- Need of the hour in Corporate Sector' (February 25, 2010) organised by S.D.Institute of Management & Technology, Jagadhri.
6. Attended U.G.C. & HEC sponsored National seminar on 'Commitment in Post-Colonial Literature and Theory' (February 11-12, 2011) organised by Dyal Singh College, Karnal.
7. Attended a workshop on 'Review of Research Methods in Political Science' (March 23-25, 2012) organised by Dyal Singh College, Karnal.
8. Attended a Faculty Development Programme on 'Perspective on Modern Techniques- Use of Case Studies & Experiential Methods' organised by ICFAI Business School, Ambala City on 29<sup>th</sup> August, 2014.
9. Attended one day national workshop on 'Ensuring Quality through multimedia- assisted teaching and learning at Guru Nanak Khalsa College, Yamuna Nagar on 15<sup>th</sup> Feb, 2016.

#### **Dr. Pooja Malhotra**

1. Attended 42<sup>nd</sup> Annual Conference of The Indian Econometric Society (TIES) held at the Punjab School of Economics, Guru Nanak Dev University, Amritsar on January 05-07, 2006.
2. Attended National Seminar on Economic Reforms under W.T.O. Regime: Some Implications, organized by Department of Commerce and Business Management, Guru Nanak Dev University, Amritsar on February 25-26, 2006.
3. Attended National Workshop on Emerging Trends and Technologies organised by Geeta Institute of Management and Technology, Kanipla, Kurukshetra, Haryana on April 11, 2009.
4. Attended National Conference on Development of Commerce Education in Haryana in Present Global Scenario organised by Department of Commerce, M.D. University, Rohtak on March 25-26, 2010.
5. Attended Seminar on Use of Quantitative Techniques in Social Science Research organised by Department of Commerce, M.D. University, Rohtak on March 27-28, 2010.

6. Attended National Seminar on Indian Financial System: A Paradigm Shift organised by Sri Guru Gobind Singh College, Chandigarh in association with Chandigarh Commerce Association on April 3, 2010.
7. Attended International Conference on Emerging Trends in Engineering and Technology organised by Geeta Institute of Management and Technology, Kanipla, Kurukshetra, Haryana on October 14-16, 2010.
8. Attended National Workshop on Industry Academia Participation and Entrepreneurial promotion organized by Department of Business Management, GIMT, Kurukshetra on May 25-27, 2011.
9. Attended International Conference on Emerging Trends in Engineering and Technology organised by Geeta Institute of Management and Technology, Kanipla, Kurukshetra, Haryana on October 20-22, 2011.
10. Attended National workshop on Analytical Techniques for Research at DPS, Dalhousie, organised by Global Network of Business Researchers from 12<sup>th</sup> April to 18<sup>th</sup> April, 2014.

**Dr. Dimple Khosla**

1. Attended two-day National Seminar organised by Dyal Singh College, Karnal on the topic 'End of History: Myth or Reality' on Feb.15-16 2008.
2. Attended two days National Conference at Dyal Singh College, Karnal, on 'Recent Advances in Material Sciences' on 25 – 26 February 2012.
3. Attended three days National Seminar cum Workshop at Dyal Singh College, Karnal, on 'Study of Biodiversity in Today's perspective' on 10–12 March, 2012.
4. Attended three days National Workshop at Dyal Singh College, Karnal, on 'Research Methods in Political Science' on 25 March, 2012.
5. Attended a Faculty Development Programme on 'Perspective on Modern Techniques- Use of Case Studies & Experiential Methods' organised by ICFAI Business School, Ambala City on 29<sup>th</sup> August, 2014.

**Ms. Vandana Sabharwal**

1. Attended HSB 4<sup>th</sup> National Conference on Business and Management on February 9-10, 2012 Organized by GJUS&T, Hisar.
2. Attended UGC Sponsored One Week Interaction cum Workshop on Research Methodology from 14.3.2012 to 20.03.2012 Organized by GJUS&T, Hisar.

**Ms. Mamta Arora**

1. Participated in UGC sponsored two days National Seminar organized by Dyal Singh College, Karnal on 'Dynamics of Federalism in India' on 6-7 March, 2009.
2. Participated in two days International Conference sponsored by ICSSR, New Delhi and Commissioner of Higher Education, Haryana organized by Dyal Singh College, Karnal on 'Democracy , Federalism and Peace' on 4-6 March, 2010.
3. Participated in two days National Seminar organised by Department of Commerce at DAV (P.G) College, Karnal on 'Liberalisation Privatisation and Globalisation Issues, Challenges and Prospects' on 5-6 October, 2010.

4. Attended two days National Seminar sponsored by Department of Higher Education Haryana, organized by Govt. P.G. College for Women, Karnal on 'Issues & Challenges in Business Sector in the Era of Globalization' on 2-3 March 2012.
5. Attended UGC sponsored three days National Seminar cum Workshop organized by Dyal Singh College, Karnal on 'A Study of Biodiversity in Today' Perspective' on 10-12 March 2012.
6. Attended three days National Workshop sponsored by Department of Higher Education Haryana organized by Dyal Singh College, Karnal on 'Review of Research Methods in Political Science' on 23-25 March, 2012.

**Ms. Geetanjali Verma**

1. Attended two days National Seminar sponsored by Department of Higher Education Haryana, organized by Govt. P.G. College for Women, Karnal on 'Issues & Challenges in Business Sector in the Era of Globalization' on 2-3 March 2012.
2. Attended one day National Conference organised by Tecnia Institute of Advanced Studies, Delhi on 'Impact and Penetration of Mass Media Campaign on Political, Social and Disaster Management' on 23 Nov. 2013.

**Ms. Chanchal Gupta**

1. Attended three day International Conference at Dyal Singh College, Karnal on 'Democracy, Federalism and Peace' on 04 - 06, March 2010.
2. Attended two days National Seminar sponsored by Department of Higher Education Haryana, organized by Govt. P.G. College for Women, Karnal on 'Issues & Challenges in Business Sector in the Era of Globalization.' on 2-3 March 2012.
3. Attended two days National Conference at Dyal Singh College, Karnal, on 'Recent Advances in Material Sciences' on 25 – 26 February 2012.
4. Attended National Seminar at G.N.K. College, Karnal, on Indian Financial Sector: Challenges & Opportunities on 2 – 3 March, 2013.

**Ms. Rashi Sachdeva**

1. Attended three day International Conference at Dyal Singh College, Karnal on 'Democracy, Federalism and Peace' on 04 - 06, March 2010.
2. Attended two day National Seminar Organised by D.A.V. (P.G.) College, Karnal on 'Liberalisation, Privatisation and Globalisation-Issues, Challenges and Prospects' on 05-06 October, 2010.
3. Attended two days National Seminar sponsored by Dept of Higher Education Haryana, organized by Govt. P.G. College for Women, Karnal on 'Issues & Challenges in Business Sector in the Era of Globalization.' on 2-3 March 2012.
4. Attended two days National Conference at Dyal Singh College, Karnal, on 'Recent Advances in Material Sciences.' on 25 – 26 February 2012.

**Ms. Komal Gupta**

1. Attended three day International Conference at Dyal Singh College, Karnal on 'Democracy Federalism and Peace' on 04 – 06, March 2010.
2. Attended two days National Seminar sponsored by Dept of Higher Education Haryana, organized by Govt. P.G. College for Women,



Karnal on 'Issues & Challenges in Business Sector in the Era of Globalization.' on 2-3 March 2012.

3. Attended two days National Conference at Dyal Singh College, Karnal, on 'Recent Advances in Material Sciences.' on 25 – 26 February 2012.

**Ms. Neha Gupta**

1. Attended 10 days faculty development programme sponsored by A.I.C.T.E. at Ganpati College of Management for Girls, Bilaspur.

**Dr. Nancy Bawa**

1. Attended two day National Workshop on SPSS organized by Department of Statistics, K.U. Kurukshetra on Sept. 21-22, 2012.
2. Attended Two Day Workshop held on Sept. 17-18, 2012 on the theme 'Examination System, Quality Education & Academic Governance' organized by UGC- Academic Staff College, K.U. Kurukshetra on Sept. 17-18, 2012.
3. Attended seven day Work Shop on 'Research Methodology in Social Sciences organized by Centre for B.R. Ambedkar Studies, K.U.Kurukshetra held on Sept. 1-7, 2012.
4. Attended two day Workshop on 'Research Methods and data Analysis' organized by Chitkara University, Punjab held on June 29-30, 2012.

**Ms. Mamta Kamboj**

1. Attended two days National Seminar sponsored by Department of Higher Education Haryana, organized by KVA-DAV College for Women, Karnal on 'Transforming India-Opportunities, Challenges for & Coping Strategies', 26 October 2012.

**Ms. Manisha Choudhary**

1. Attended Two day Conference held at KITM, Bhorsaida (Kurukshetra) in collaboration with UN Information Centre for India and Bhutan, New Delhi on 19 and 20 October 2012.
2. Attended workshop on marketing management on 12 November 2011 in KITM, Kurukshetra.
3. Attended workshop on Entrepreneurship Development Program held in KITM, Kurukshetra on 18 September 2012.

**Other Achievements:**

**Dr. Pooja Malhotra:**

1. Attended Orientation Programme from 7<sup>th</sup> November to 4<sup>th</sup> December, 2013 organised by Academic Staff College, K.U. Kurukshetra.
2. Participated in UGC Sponsored 21 days Refresher Course in Business Studies organised by Academic Staff College, K.U. Kurukshetra from 3/12/2014 to 23/12/2014.

**Dr. Dimple Khosla:**

1. Attended Orientation Programme from 7<sup>th</sup> November to 4<sup>th</sup> December, 2013 organised by Academic Staff College, K.U. Kurukshetra.
2. Participated in UGC Sponsored 21 days Refresher Course in Business Studies organised by Academic Staff College, K.U. Kurukshetra from 3/12/2014 to 23/12/2014.

**Ms. Vandana Sabharwal:**

**1. Attended UGC Sponsored Orientation Programme-17 from 05.05.2014 to 31.05.2014 Organized by GJUS&T, Hisar.**

- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database , International Social Sciences Directory, EBSCO host, etc.) Nil
- \* Monographs Nil
- \* Chapter in Books 02

**Dr. Dimple Khosla**

**1. Impact of Venture Capital Financing on Human Resource Development- A Qualitative Analysis in Human Resource Development-Theoretical and Practical Implications, ed. By Shagun Ahuja, Regal Publication New Delhi ISBN 978-81-8484-233-3.**

**2. 'Emerging HR Practices and Its Impact on Employees Satisfaction in Teaching In Haryana' Management Human Resources, 2014, ISBN 978-81-8484-448-1.**

- \* Books Edited Nil
- \* Books with ISBN/ISSN numbers with details of publishers 26

**Dr. Mukta Jain**

**1. 'Income Tax' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-651-8**

**2. 'Income Tax' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-705-8.**

**3. 'Direct Tax Laws' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-653-2.**

**4. 'Income Tax (Solutions)' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-671-6.**

**5. 'Income Tax (Solutions)' VK Global Publications Pvt. Ltd., New Delhi , 2015-16, ISBN 978-93-5058-724-9.**

**6. 'Aayakar' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-652-5.**

**7. 'Aayakar' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-706-8.**

**8. 'Pratayaksh Kar Adhinyam' VK Global Publications Pvt. Ltd., New Delhi, 2015-16, ISBN 978-93-5058-654-1.**

**9. 'Retail Management' VK Global Publications Pvt. Ltd., New Delhi, ISBN 978-93-5058-718-1.**

**10. 'Retail Management' VK Global Publications Pvt. Ltd., New Delhi, ISBN 978-93-5058-763-7.**

**11. 'Retail Prabandh' VK Global Publications Pvt. Ltd., New Delhi, 2016-17, ISBN 978-93-5058-719- X.**

**12. 'Retail Prabandh' VK Global Publications Pvt. Ltd., New Delhi, 2016-17, ISBN 978-93-5058-769-5.**

**13. 'Income Tax' VK Global Publications Pvt. Ltd., New Delhi, 2016-17, ISBN 978-93-5058-779-9.**

14. 'Aayakar' VK Global Publications Pvt. Ltd., New Delhi, 2016-17, ISBN 978-93-5058-780-5.

15. 'Income Tax' VK Global Publications Pvt. Ltd., New Delhi, 2016-17, ISBN 978-93-5058-764-5.

**Dr. Pooja Malhotra**

1. 'Business Communication Skills' Kalyani Publishers, Ludhiana, ISBN. 978-93-272-6821-8

2. 'Vyavsayik Sanchar Kushalta' Kalyani Publishers, Ludhiana, ISBN 978-93-272-6830-0

**Dr. Dimple Khosla**

1. 'Cost Accounting' Navmaan Publications Aligarh, 2011, ISBN 978-81-923887-0-0.

2. 'Laagat Lekhankan' Navmaan Publications Aligarh, 2011, ISBN 978-81-923887-0-0.

3. 'Cost and Management Accounting' Navmaan Publications, ISBN 978-81-923887-0-4.

**Ms. Chanchal Gupta**

1. 'Disaster Management' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-745-4

**Ms. Komal Gupta**

1. 'Disaster Management' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-745-4

**Ms. Samridhi Gupta**

1. 'Retail Management' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-718-8.

2. 'Retail Management' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-763-8.

3. 'Retail Prabandh' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-719-5.

4. 'Retail Prabandh' VK Global Publications Pvt. Ltd., New Delhi , ISBN 978-93-5058-764-5.

* Citation Index	104
* SNIP	Nil
* SJR	Nil
* Impact factor	50
* h-index	Nil

20. Areas of consultancy and income generated

**Examination Centre for ICAI Exams; Income generated annually is around Rs. 3.25 lakhs**

21. Faculty as members in

a) National committees

• **Dr. Mukta Jain**

1) Fellow Member of ICAI.

2) Member of Indian Commerce Association.

- **Dr. Pooja Malhotra**
    - 1) Member, Punjab Commerce and Management Association, Ludhiana.
    - 2) e-ica, linkedin, MTC Global
  - b) International Committees
    - **Dr. Pooja Malhotra-**
      - 1) Member, Emerald Literati Network, Emerald Publishing House, UK.
  - c) Editorial Board
    - **Dr. Pooja Malhotra-**
      - 1) Editor International Journal of Research, ISSN 2348-6848.
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme  
**100% students of B.Com. (Vocational) perform on the job training projects and are evaluated by the examiner.**
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies  
**100% students of B.Com. (Tax Procedure and Practice) and B.Com. (Insurance) go for their projects outside the college.**
23. Awards/ Recognitions received by faculty and students 02
- Dr. Mukta Jain**  
Honoured by Manav Kalyan Mandal, 2008.
- Dr. Dimple Khosla**  
Honoured by Manav Kalyan Mandal, 2008.
24. List of eminent academicians and scientists/ visitors to the department

<b>Sh. Arvind Kaul, IAS (Retd.)</b>	<b>Hon'ble Trustee, Dyal Singh College Trust Society, Karnal</b>
<b>Dr. Hawa Singh</b>	<b>Chairman, Department of Commerce, K.U. Kurukshetra</b>
<b>Dr. M.S. Turan</b>	<b>Former Dean &amp; Chairman School Of Business Studies, GJUST, Hisar</b>
<b>Dr. Sultan Singh</b>	<b>Dean of Academic Affairs, Chairman Dept.of Business Administration, CDLU, Sirsa</b>
<b>Dr. Anil Mittal</b>	<b>Professor, Department of Management, K.U. Kurukshetra</b>
<b>Ms. Bulbul Sen</b>	<b>Chief Commisioner Income Tax, New Delhi.</b>
<b>Dr. G.S. Batra</b>	<b>School of Management Studies, Punjabi University, Patiala</b>
<b>Mr. Akhilesh Chandra</b>	<b>Regional Manager, ICFAI University</b>
<b>Ms. Kitty Mukherjee</b>	<b>Soft Skill Expert, ICFAI National College, Panipat</b>
<b>Mr. Vikas Rana</b>	<b>Senior Faculty Member, MAIMT, Jagadhari</b>
<b>Mr. Balvir Singh</b>	<b>Commisioner Income Tax, Karnal</b>

<b>Mr. Anoop Patel</b>	<b>Business Development Manager, University of Central England, Birmingham</b>
<b>Dr. John V George, IPS (Retd.)</b>	<b>Former DGP, Haryana Police &amp; Member UPSC</b>
<b>Dr. Paritosh</b>	<b>Dept. of Management, TMU, Moradabad</b>
<b>Dr. T.R. Kundu</b>	<b>Former Dean of Colleges, K.U. Kurukshetra</b>
<b>Dr. Ram Ji Lal</b>	<b>Former Principal, Dyal Singh College, Karnal</b>
<b>Dr. R. Chhabra</b>	<b>Principal Scientist (Retd.) CSSRI, Karnal</b>
<b>Dr. A.K. Garg</b>	<b>Head Department of Management, TMU, Moradabad</b>
<b>Sh. Rajinder Mittal</b>	<b>Branch Manager, SBOP, D.S.C. Branch, Karnal</b>
<b>Sh. A.K. Mittal</b>	<b>General Manager, BSNL, Karnal Division</b>
<b>Sh. S.J. Baraiya</b>	<b>SDM, LIC, Karnal Division</b>
<b>Dr. Y.P. Sharma</b>	<b>Principal, D.A.V.P.G. College, Karnal</b>
<b>Prof. Mahabir Narwal</b>	<b>Professor, Department of Commerce, Kurukshetra University, Kurukshetra</b>
<b>Dr R.K. Singla</b>	<b>Associate Professor (Retd.), Govt. P.G. College, Karnal</b>

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National **1**

**National Seminar on Emerging Issues in Commerce and Management on Feb. 5-6, 2010 sponsored by DHE, Haryana.**

b) International **Nil**

26. Student profile programme/course wise

Name of the Course	2016-17			2015-16	
	Applications Received	Selected	Enrolled *M *F	Pass %age	
<b>B.Com. 1<sup>st</sup> Sem</b>	<b>939</b>	<b>245</b>	<b>157 88</b>	<b>61.35</b>	
<b>B.Com. 3<sup>rd</sup> Sem</b>	<b>289</b>	<b>289</b>	<b>184 105</b>	<b>80.00</b>	
<b>B.Com. 5<sup>th</sup> Sem</b>	<b>237</b>	<b>237</b>	<b>120 117</b>	<b>63.10</b>	
<b>B.Com. Hons 1<sup>st</sup> Sem</b>	<b>213</b>	<b>65</b>	<b>28 37</b>	<b>-</b>	
<b>M.Com. 1<sup>st</sup> Sem</b>	<b>115</b>	<b>43</b>	<b>08 35</b>	<b>94.43</b>	
<b>M.Com. 3<sup>rd</sup> Sem</b>	<b>59</b>	<b>59</b>	<b>09 50</b>	<b>95.83</b>	

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same State	% of students from other States	% of students from abroad
<b>UG (B.Com.)</b>	<b>99</b>	<b>1</b>	<b>0</b>
<b>PG (M.Com.)</b>	<b>98</b>	<b>2</b>	<b>0</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, CA, CS, ICWA, etc?

**Around 300, to name a few noted Alumni**

S.N.	Name	Designation
1	<b>Captain Ranjeet Singh Mann</b>	<b>(IC-50481), 2 Para/31 Rashtriya Rifles - SHUAURA CHAKRA</b>
2	<b>Shri Ravi Gupta</b>	<b>Assistant Director Lok Sabha Secretariat</b>
3	<b>Sh. Navdeep Singh Virk</b>	<b>I.G. Haryana Police, Bhondsi</b>
4	<b>Dr. R.K Singla</b>	<b>Associate Professor, Govt. P.G. College, Karnal</b>
5	<b>Dr. Sanjay Arora</b>	<b>Associate Professor, GNK College Yamunanagar</b>
6	<b>Dr. Sultan Singh</b>	<b>Professor, CDLU, Sirsa</b>
7	<b>Mr Aakash Thakral</b>	<b>Axis Bank</b>
8	<b>Ms Manisha Choudhary</b>	<b>Assistant Professor, Dyal Singh College, Karnal</b>
9	<b>CA Nipun Bansal</b>	<b>Global Controller Finance, Nokia Siemens Net Works Ltd.</b>
10	<b>Ms Smiley</b>	<b>HDFC Bank, Karnal</b>
11	<b>CA S.L. Garg</b>	<b>Director, Paliwal Group of Industries and Educational Institutions, Panipat.</b>
12	<b>CA Vikas Aggarwal</b>	<b>Practising CA</b>
13	<b>CA Anupriya</b>	<b>Practising CA</b>
14	<b>CA Sandeep Goel</b>	<b>Union Bank of India</b>
15	<b>CA Gaurav Agnihotri</b>	<b>Practising CA</b>
16	<b>CA Sandeep Dewan</b>	<b>Practising CA</b>
17	<b>CA Komal Bhandari</b>	<b>Practising CA</b>
18	<b>CA Yogesh Kansal</b>	<b>Practising CA</b>
19	<b>Sachin Wadhwa</b>	<b>Deputy Manager Axis Bank, Delhi</b>
20	<b>CA Payal Trikha</b>	<b>XBRL Analyst at IRIS Business Services Ltd. Mumbai</b>
21	<b>CA Neha Sharma</b>	<b>Grant Thornton &amp; KPMG</b>
22	<b>Vikas Wadhwa</b>	<b>Asst. Manager at AXIS Bank ,Gurgaon</b>
23	<b>Sumeet Singh</b>	<b>Genpact , Delhi</b>
24	<b>Sukhmeet Singh</b>	<b>Business Development Manager at Educom Solution Ltd</b>
25	<b>Noopam</b>	<b>Former priority service Relationship Manager at AXIS Bank</b>
26	<b>Sapna Munjal</b>	<b>IBP India , gurgaon</b>
27	<b>Mukesh Popli</b>	<b>Asst. Manager at HDFC Bank</b>
28	<b>Ishan Bajaj</b>	<b>Finance programme specialist at Agilent Technologies, Menesar</b>

29	CA Manisha Saluja	Manager Finance & Accounts at Gurukul Vidya Peeth
30	CA Cheenali Goel	Bharat Diamond Bourse , BKC Mumbai
31	Niharika Saini	Cabin Crew at Saudia Airlines
32	Saurabh Jain	Deputy Manager at AXIS Bank
33	Lakshay Bhatia	Sr. Relationship Executive at Bajaj Capital Ltd , Delhi
34	Rishi Gupta	Worked at Mahinder Finance , Karnal
35	Naveen Goel	Vice President, IndusInd Bank
36	Lovneesh	Assisstant Professor, DAV PG College, Karnal
37	Ritika	JRF, pursuing Ph.D. from K.U.K.
38	Dr.Nancy	Assistant Professor, Dyal Singh College, Karnal
39	Divya	NET
40	Shivanshi	JRF
41	Uma Gulati	PGT Dyal Singh School, Sector 7 , Karnal
42	Kanchan	Lecturer in Govt. School
43	Aseem Sachdeva	Director, Flip Kart
44	Anchal Grover	P.O , Bank of Baroda
45	CA Sandeep Arora	Practising Chartered Accountant
46	CA Pankaj Aneja	Practising Chartered Accountant
47	CA Dheeraj Kukreja	Practising Chartered Accountant
48	CA Vicky Jain	Practising Chartered Accountant
49	CA Dinesh Khurana	Practising Chartered Accountant
50	CA Tejinder Pasricha	Practising Chartered Accountant
51	CA Mukta Kapoor	Senior Associate Consultant, Infosys, Chandigarh
52	Anu	Senior Accounts Executive, Delhivery Pvt. Ltd.

29. Student progression

Student progression	Against % enrolled
UG to PG	60
PG to M.Phil.	5
PG to Ph.D.	5
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	10
• Other than campus recruitment	25
Entrepreneurship/Self-employment	40

30. Details of Infrastructural facilities

a) Library

Yes, having a book bank of around 250 books.

b) Internet facilities for Staff & Students

Yes

c) **Class rooms with ICT facility**

**No separate room is marked, but when required common facility extended by the college is used.**

d) **Laboratories**

**Yes, the laboratories of computer science department are earmarked for course in Computer Sciences in curriculum of B.Com. I and II Semesters.**

31. Number of students receiving financial assistance from college, university, government or other agencies **200**

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

**Extension lectures, workshops and seminars are organized on regular basis every year.**

33. Teaching methods adopted to improve student learning

**The teaching faculty of the department uses modern techniques including Group Discussions, Power Point Presentations, Student Seminars etc. to improve student learning.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Active Participation in NCC, NSS, Activities of Women Development Centre, Activities of Red Ribbon Club and other clubs and societies of the College and Annual Blood Donation Camp. Students also take active part in various competitions organised by other colleges. The training programme of Concentrix and NASSCOM Foundation was organized by Global Talent Track company from December 13-27, 2016 under 'Skill India Programme of Government of India' in our college.**

35. SWOC Analysis of the Department and Future plans

**The Department organized various academic activities in the past and proposes to do the same in future as well.**

**Strengths**

- **Highly qualified, research oriented and dedicated faculty.**
- **Well-stacked Library.**
- **Internet Facility.**
- **Good teacher-taught relationship.**

**Weaknesses**

- **More than 80% staff is on contractual basis.**

**Opportunities**

- **Increasing scope of Commerce.**
- **Introduction of New Courses in Commerce funded by UGC and approved by the K.U. Kurukshetra.**

**Challenges**

- **A frequent change in the syllabi; but our highly qualified young and energetic faculty is ready to meet this challenge.**

**Future Plans**

- **To have own Computer Lab.**
- **Classroom with ICT facility.**



## Evaluative Report of the Department of Computer Science

1. Name of the Department **Computer Science**
2. Year of Establishment **1991**
3. Names of Programmes / Courses offered  
(UG, PG, M.Phil., Ph.D., Integrated Masters;  
Integrated Ph.D., etc.) **UG**
4. Names of Interdisciplinary courses and the  
departments/units involved **B.Sc. (N.M.), B.A.,  
B.A. Hons. (Eng. & Eco.),  
B.Com. (Hons.), B.Com. (Tax),  
B.Com., M.Sc. (Chemistry),  
M.Com, Web Designing**
5. Annual/ semester/choice based credit  
system (programme wise) **Semester**
6. Participation of the department in the  
courses offered by other departments **Physics  
(Computational Physics)**
7. Courses in collaboration with other  
universities, industries, foreign institutions **Nil**
8. Details of courses/programmes  
discontinued (if any) with reasons **PGDCA. Due to the non-  
availability of quality students,  
PGDCA course was  
discontinued from the session  
2013-14.**

9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>02</b>	<b>15</b>
<b>Associate Professors</b>	<b>02</b>	<b>02</b>
<b>Assistant Professors</b>	<b>--</b>	<b>13 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization,  
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Specili- zation	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Sh. Sushil Goel</b>	<b>M.Sc. (C.Sc.), M.Sc. (Maths.), M.Phil.</b>	<b>Associate Professor</b>	<b>Metrics for OOP</b>	<b>22</b>	<b>M.Phil. 01</b>

<b>Sh. S. L. Arora</b>	<b>M.Sc (Maths.), M.C.A., M.Phil.</b>	<b>Associate Professor</b>	<b>Computer Application</b>	<b>20</b>	<b>--</b>
<b>Sh. Vikas Garg</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>07</b>	<b>--</b>
<b>Ms. Havi Bhardwaj</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>10</b>	<b>--</b>
<b>Sh. Jitender Kaushik</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>06</b>	<b>--</b>
<b>Sh. Sandeep Kumar</b>	<b>M.C.A., M.Tech.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>07</b>	<b>--</b>
<b>Ms. Gurmeet Kaur</b>	<b>M.C.A., M.Phil, NET</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>08</b>	<b>--</b>
<b>Ms. Sneha</b>	<b>M.C.A</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>01</b>	<b>--</b>
<b>Ms. Richa</b>	<b>M.C.A</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>-</b>	<b>--</b>
<b>Ms. Shiril</b>	<b>M.C.A</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>-</b>	<b>--</b>
<b>Ms. Samriti Gupta</b>	<b>M.Sc., M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>6½</b>	<b>--</b>
<b>Ms. Pinki</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>04</b>	<b>--</b>
<b>Ms. Ruchi Gupta</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>03</b>	<b>--</b>
<b>Ms. Navneet</b>	<b>M.C.A.</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>02</b>	<b>--</b>
<b>Ms. Samridhi</b>	<b>B.Tech., M.Tech</b>	<b>Assistant Professor</b>	<b>Computer Application</b>	<b>01</b>	<b>-</b>

11. List of senior visiting faculty

<b>Dr. Rakesh Kumar</b>	<b>Professor, Department of Computer Science, KU Kurukshetra</b>
<b>Dr. Pardeep Mittal</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

<b>B.Sc. (Computer Sc.)</b>	<b>33 %</b>
<b>B.C.A.</b>	<b>100 %</b>
<b>B.Com./M.Com./M.Sc.(Chem.)</b>	<b>100 %</b>
<b>B.A./B.Sc.(N.M.)/B.Com (Hons.&amp; Tax)</b>	<b>100 %</b>
<b>(Compulsory Computer Education)</b>	

13. Student -Teacher Ratio (programme wise)

<b>B.Sc. (Computer Sc.)</b>	<b>80:1</b>
<b>B.C.A.</b>	<b>80:1</b>
<b>B.Com.</b>	<b>80:1</b>
<b>M.Com.</b>	<b>60:1</b>
<b>M.Sc.(Chem.)</b>	<b>45:1</b>
<b>B.A./B.Sc. (N.M.)/B.Com. (Compulsory Computer Education)</b>	<b>80:1</b>

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	<b>Sanctioned</b>	<b>Filled</b>
<b>Technical Assistant</b>	<b>1</b>	<b>1 + 1 (contractual basis)</b>

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

**M.Phil.-3**

**P.G.-12**

16. Number of faculty with ongoing projects from a) National **Nil**

b) International funding agencies and grants received **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**

18. Research Centre /facility recognized by the University

**M.Phil. Guided 01**

**Sh. Sushil Goel**

<b>Sr. No.</b>	<b>Name of the Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Ms. Meena</b>	<b>Analysis of Data Mining Tools</b>	<b>Vinayaka Missions University, Salem</b>	<b>2008</b>

19. Publications:

a) Publication per faculty

**Papers Published : 09**

**Papers Presented : 04**

**Papers Published**

**Sh. Sushil Goel**

1. **Sushil Goel and Rajesh Verma, ‘System Level Reuse Metrics for Object Oriented Software : An ALTERNATIVE Approach’, International Journal of Computing and Applications IJCA, Volume 7, Number 1, pp.49-53, January-June 2012.**

2. **Sushil Goel and Rajesh Verma, ‘An Analysis of Object Oriented Metrics using C# programs’, International Journal of Computer Science, System Engineering and Information Technology (IJCSSEIT), Volume 5, Number 1, pp.83-92, June 2012.**

**Ms. Gurmeet Kaur**

1. Paper titled 'Cloud Computing – an optimized infrastructure for web services' published in ICTMA-I&C:2011 on 10 Oct. 2011 at RIMT, Gobindgarh, Punjab.
2. Paper titled 'Basic Approaches to Semantic Web Services: A Comparative Study' published in IJARCSSE, Volume 2, Issue 3, March 2012.

**Ms. Richa**

1. Paper titled 'A Review of SAAS Profit Maximisation in Cloud Computing' in International Journal of Computer Science & Information Technology, Vol. 6, Issue 4 in June 2015, ISSN : 0975-9646.
2. Paper titled 'Profit Maximisation of SAAS by Revising the Available VM Space in Cloud Computing' in International Journal of Engineering and Computer Science, Vol. 4, Issue 8 in August 2015, ISSN: 2319-7242.

**Ms. Samridhi**

1. Paper titled 'Survey on Malicious URL Hitches, Propagation Mechanisms and Analysis of Classification Algorithm' published in IJETT, Volume 22, Number 4<sup>th</sup> April, 2015, ISSN : 2231-5381.
2. Paper titled 'Maldet : How to Detect the Malware?' published in IJCA, Volume 123, No 6, August 2015, ISSN : 0975-8887.
3. Paper titled 'Efficient Malicious URL based on Feature Classification' published in IJERGS, Vol. 3, Issue 3, Part II, May-June 2015, ISSN 2091-2730.

**Papers Presented :**

**Sh. Sushil Kumar**

1. Paper titled 'Resume Metrics for Object Oriented System and Alternatives Approach' was presented in National Seminar on Application, Tools and Techniques of Ubiquitous Computing in Building Intelligent Space (World) on 17-18 September 2012 by UGC at Hindu Girls College, Jagadhari.

**Sh. Sandeep Kumar**

1. Paper titled 'Maintenance issues for Dataware House Systems' was presented in national seminar on Emerging trends in science and technology on 27-28 February, 2012 by HSCSTand SPCT at Govt P.G college, Karnal.

**Sh. Jitender Kaushik**

1. Paper titled 'Ear Biometrics : A new human identification approach using soft computing' presented at International IT summit 'Confluence-The Next Generation Information Technology' at Amity University, Noida on 27-28 January, 2011.

**Ms. Richa**

1. Paper titled 'Denial of Service Attack : A Study' was presented in International Conference on Emerging Technologies on April 2014 at N.C. College of Engineering, Israna, Panipat.

**Seminars/Workshop Attended :**

**Sh. Sushil Kumar**

1. **Participated in National Workshop on 3D Graphics and Animation held at Guru Nanak Khalsa College, Karnal on September 30, 2016.**

* Number of papers published in peer reviewed journals (national / international) by faculty and students	<b>Nil</b>
* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	<b>02</b>
* Monographs	<b>Nil</b>
* Chapter in Books	<b>Nil</b>
* Books Edited	<b>Nil</b>
* Books with ISBN/ISSN numbers with details of publishers	<b>19</b>

**Sh. Sushil Goel**

1. **Computer Application to Business, Aarti Book Company, Karnal. ISBN 978-81-929765-5-6.**
2. **Data Base Management Systems, Aarti Book Company, Karnal. ISBN 978-81-929765-2-5.**
3. **DBMS (MDU), Aarti Book Company, Karnal. ISBN 978-81-929765-1-8.**
4. **Software Engineering (MDU), Aarti Book Company, Karnal. ISBN 978-81-929765-7-0.**
5. **Introduction to Internet and Web Technologies, Aarti Book Company, Karnal. ISBN 978-81-929765-0-1.**
6. **E-Commerce, Aarti Book Company, Karnal. ISBN 978-81-929765-8-7.**
7. **Software Engineering (MDU), Aarti Book Company, Karnal. ISBN 978-81-929765-3-2.**
8. **Data Structures, Aarti Book Company, Karnal. ISBN 978-81-929765-6-3.**
9. **Computer Architecture, Aarti Book Company, Karnal. ISBN 978-81-929765-4-9.**

**Sh. S.L Arora**

1. **Text book of Computer Science XII, Arya Publications, New Delhi, 2001. ISBN 81-7855-026-3.**
2. **Text book of Computer Science XI, Arya Publications, New Delhi, 2002. ISBN 81-7855-026-1.**
3. **Information Technology (XII), Modern Publishers, Jalandhar, 2003.**
4. **Programming in C & Numerical Analysis, Modern Publishers, Jalandhar, 2005.**
5. **Fundamental of Computers, Jyoti Book Depot Pvt. Ltd. Karnal, 2009.**
6. **Basic Computer Education, Jyoti Book Depot Pvt. Ltd. Karnal, 2010.**
7. **Information Technology (IX), Modern Publishers, Jalandhar 2010.**
8. **Information Technology (X), Modern Publishers, Jalandhar, 2010.**

9. **Numerical Analysis, Modern Publishers, Jalandhar, 2015.**
10. **Programming in C & Numerical Methods, Modern Publishers, Jalandhar, 2015.**
- |                  |     |
|------------------|-----|
| * Citation Index | Nil |
| * SNIP           | Nil |
| * SJR            | Nil |
| * Impact factor  | 05  |
| * h-index        | Nil |
20. Areas of consultancy and income generated Nil
21. Faculty as members
- a) National committees
- Sh. Sushil Goel**
- **Member of UG Board of Studies in Computer Science, KUK from 18-12-1996 to 17-12-1998.**
  - **Member of UG Board of Studies in Computer Science, KUK from 04-12-2007 to 03-12-2009.**
- Sh. S.L. Arora**
- **Member of UG Board of Studies in Computer Science, KUK from 18-01-1999 to 17-01-2001.**
  - **Member of UG Board of Studies in Computer Science, KUK from 18-01-2003 to 17-01-2005.**
- |                             |     |
|-----------------------------|-----|
| b) International Committees | Nil |
| c) Editorial Boards         | Nil |
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme 100 %
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies Nil
23. Awards/ Recognitions received by faculty and students
- **The Model titled ‘ROBOTICS’ Won first prize in Zonal Science Exhibition held on 26-11-2009 & 27-11-2009 at Dyal Singh College, Karnal [Partik (B.A. II) and Sameer (B.A. II)] designed this model.**
  - **Computer Sc. Team Partik (B.A. III), Shiril (B.Sc. I) won second prize in State level Science Exhibition held at Govt. College for women, Rohtak from February 01 to 03, 2011.**
  - **Computer Sc. Team Partik (B.A.III), Shiril (B.Sc. I) won first prize in State level Science Exhibition held at Arya College, Panipat on March 02, 2011.**
  - **Computer Sc. Team Shubam Malhotra (BCA I), Gagan Chhabra (BCA I) won third prize in State Level Science Exhibition held at Govt. College, Hisar during the session 2013-14.**
  - **Computer Sc. Team Shubam Malhotra (BCA I), Gagan Chhabra (BCA I) won first prize in Zonal Science Exhibition held at Govt. College, Hisar during the session 2013-14.**
  - **Computer Science Team Vaibhav Sethi (BCA VI Sem), Vinayak Gupta**

(BCA VI Sem) won second prize in Zonal Science Exhibition held at Govt. P.G. College, Karnal during the session 2014-15.

- Computer Science Team Gagan Chhabra (BCA VI Sem), Jyoti Arora (BCA VI Sem) won third prize in Zonal Science Exhibition held at Govt. P.G. College, Karnal during the session 2015-16.

24. List of eminent academicians and scientists/ visitors to the department

<b>Prof. Dr. R. K. Chauhan</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>
<b>Prof. Dr. Rakesh Kumar</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>
<b>Prof. Dr. Rajender Nath</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>
<b>Prof. Dr. Shuchita Upadhyaya</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>
<b>Prof. Dr. Hawa Singh</b>	<b>Associate Professor, Department of Computer Science, KU Kurukshetra</b>

25. Seminars/ Conferences/Workshops organized & the source of funding: None

a) National Nil b) International Nil

26. Student profile programme/course wise:

Name of the Course /programme	2016-17				2015-16
	Applications received	Selected	Enrolled M	F	Pass percentage
B.Sc. I	281	76	42	34	85.91
B.Sc. II	64	64	34	30	82.09
B.Sc. III	64	64	35	29	88.89
B.C.A. I	167	66	51	15	15.15
B.C.A. II	48	48	32	16	15.38
B.C.A. III	51	51	41	10	54.35
B.A. I	1367	445	409	36	76.00
B.Com. I	939	245	157	88	96.00
B.Com. Hons 1	213	65	28	37	-
M.Com. F	58	58	09	49	95.00
M.Sc. P Chemistry	41	41	03	38	95.24

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.	97	3	--
B.C.A.	98	2	--
B.A. I	99	1	--
B.Com. I	99	1	--
M.Com. F	98	2	--
M.Sc. P Chemistry	90	10	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **2 (Two)**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>80</b>
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	<b>22</b>
• Other than campus recruitment	<b>05</b>
Entrepreneurship/Self-employment	<b>05</b>

30. Details of Infrastructural facilities

a) **Library**

**The college library serves as the main learning resource which provides reference books, journals, textbooks and other magazines, etc. The department room has its own departmental library for the use of faculty members.**

b) **Internet facilities for staff and students:**

**Wi-Fi network and broad band connection under ICT plan is available in the department.**

c) **Class Rooms with ICT facility:**

**In laboratory multi Media projector linked with Wi-Fi enabled Laptop is available for viewing of Computer simulation of the dissections and other multi-media literature.**

d) **Laboratories**

**The department has four laboratories.**

31. Number of students receiving financial assistance from college, university, government or other agencies **15**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

**Extension lecture on topic 'Artificial Intelligence' by Prof. Dr. Rakesh Kumar, Computer Science Dept, K.U.K**

33. Teaching methods adopted to improve student learning

**In addition to regular teaching techniques the students are exposed to lectures of EDUSAT and some lectures are delivered through audio-visual aids in the form of power point presentations.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**The students participate in social work of the society as YRC Volunteers, NSS volunteers and educate senior citizens regarding environmental awareness and social problems like role of khap panchayats, paternity disputes and problems due to genetic disorders.**



35. SWOC analysis of the department and Future plans

**The department is working satisfactorily and the students are getting quality education and excelling in all the fields of Computer Science. Many students of the department got placement in leading IT companies like WIPRO, TCS, IBM and Tech. Mahindra.**

**Strengths**

- Well equipped laboratories.
- Being application oriented subject, it has its applications in all spheres of life.
- It has been a subject of first choice for the students who want to enter into the field of computer software or want to pursue higher studies either in the field of Computer Software or Management.

**Weakness**

- Maximum faculty is on contractual basis.

**Opportunities**

- All career options in Public as well as Private sector that are available to Computer Science graduates are available to the students of this course in India as well as abroad.

**Challenges**

- Due to restrictions on the number of seats for admission and keeping in view the admission/ faculty of other subjects, class strength is limited in spite of great demand.

**Future Plans**

- To add new courses in the Department.
- To purchase more computers/UPS/Printers for the Department.

## Evaluative Report of the Department of Economics

- |   |  |
|---|--|
| 1. Name of the Department   | <b>Economics</b>                             |
| 2. Year of Establishment  | <b>U.G – 1949 P.G - 2012</b>                 |
| 3. Names of Programmes / Courses offered<br>(UG, PG, M.Phil., Ph.D., Integrated Masters;<br>Integrated Ph.D., etc.) | <b>B.A.(Gen.),<br/>B.A.(Hons.),<br/>M.A.</b> |
| 4. Names of Interdisciplinary courses and the<br>departments/units involved   | <b>B.Com.</b>                                |
| 5. Annual/ semester/choice based credit system  | <b>Semester</b>                              |
| 6. Participation of the department in the<br>courses offered by other departments                                   | <b>B.Com.</b>                                |
| 7. Courses in collaboration with other<br>universities, industries, foreign institutions                            | <b>Nil</b>                                   |
| 8. Details of courses/programmes discontinued<br>(if any) with reasons  | <b>Nil</b>                                   |
| 9. Number of Teaching posts   |  |

	Sanctioned	Filled
<b>Faculty</b>	<b>03</b>	<b>06</b>
<b>Associate Professors</b>	-	-
<b>Assistant Professors</b>	<b>03</b>	<b>03 + 03 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Specialization	No. of Years of Experi- ence	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Sarika Choudhary</b>	<b>M.A.M.Phil Ph.D (Eco.), PGDCA, M.Sc.(C.Sc)</b>	<b>Assistant Professor</b>	<b>International Economics</b>	<b>10</b>	-
<b>Dr. Renu Tanwar</b>	<b>M.A., Ph.D</b>	<b>Assistant Professor</b>	<b>Econometrics</b>	<b>10</b>	-
<b>Dr. Ritu Sharma</b>	<b>M.A., M.Phil, Ph.D</b>	<b>Assistant Professor</b>	<b>Mathematical Economics</b>	<b>11</b>	-
<b>Dr. Meenu Anand</b>	<b>M.A., M.Phil, Ph.D.</b>	<b>Assistant Professor</b>	<b>Indian Economy, Micro Economics</b>	<b>6</b>	
<b>Ms. Malti Verma</b>	<b>M.A., M.Phil.</b>	<b>Assistant Professor</b>	<b>Quantitative and Econometrics</b>	<b>6</b>	-

Ms. Shobha	M.A.	Assistant Professor	Demography	-	-
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11. List of senior visiting faculty

Sh. Arvind Kaul, I.A.S. (Retd.)	General Secretary, Governing Body, Dyal Singh College, Karnal.
Prof. Neera Verma	Professor, Department of Economics, K.U. Kurukshetra
Prof. M.M.Goel	Professor, Department of Economics, K.U. Kurukshetra
Prof. V.N.Atri	Professor, Department of Economics, K.U. Kurukshetra
Dr. Ashok Chauhan	Associate Professor, Department of Economics, K.U. Kurukshetra
Dr. Hemlata Sharma	Assistant Professor, Department of Economics, K.U. Kurukshetra

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

UG 8%  
PG 100%

13. Student -Teacher Ratio (programme wise)

M.A. 10:01  
B.A. 37:01  
B.A. (Hons) 23:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled-

Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. –

Ph.D- 04  
M.Phil.- 01  
P.G.- 1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Nil

18. Research Centre /facility recognized by the University Nil

19. Publications:

a) Publication per faculty

Papers Published : 16

Papers Presented : 34

**Paper Published :**

**Dr. Sarika Choudhary**

1. Paper entitled 'Foreign Trade of India and China with ASEAN- A Comparative Study' published in International Journal of Business Economics & Management Research, (Listed e-journal of Sri Krishna Research & Educational Consortium) May, 2011.
2. Paper entitled 'India-ASEAN Trade Relations-A Survey of Literature' has been published in Asian Journal of Research in Social Science & Humanities (Listed e-journal of Asian Research Consortium) Oct., 2011.

3. Paper entitled 'Trends of India's Foreign Trade to ASEAN countries published in International Journal Research Link - 106, Vol. - XI (11), January - 2013, Page No. 142-143 RNI No. MPHIN-2002-7041, ISSN-0973-1628.
4. Paper entitled 'India and ASEAN Trade: An Overview' published in an international Journal of Social Science and Interdisciplinary Research Vol. 2, Issue 2, Feb. 2013, ISSN2277 3630.
5. Paper entitled 'Globalisation and Agribusiness in India' published in International Refereed Journal 'Indian Journal of Social Concerns', Vol. - 5, Issue -13, Nov.2014 – April, 2015, Page No. 476-481, ISSN-2231-5837.
6. Paper titled 'Good Governance and Corruption' has been published in an international registered and refereed Monthly journal Research Link Vol. 14 (4), Issue 135, June 2015, ISSN0973-1628.
7. Research Paper titled 'A Conceptual Framework of Women Empowerment' Published in 'Research Link- An International Refereed Journal' ISSN 0973-1628, Issue-139, Vol.XIV (8), October, 2015
8. Research paper titled 'Women and Decision Making- A Review Article' published in 'Shodh-Path with ISBN978-93-84312-50-3, Vol. 2, Dec. 2015.

**Dr. Renu Tanwar**

1. Paper titled 'Nexus between Inflation and Economic Development in India' published in International Journal of Humanities and Social Science Invention, Volume 3, Issue 9, Sep. 2014.
2. Paper titled 'An Analytical Study of the Relevance of Arthshastra in Modern India' published in IOSR Journal of Economics and Finance, Volume 5, Issue 3, Sep.-Oct. 2014.
3. Abstract of Doctoral thesis 'Inflation in India: A Critical Study of Determinants and Measurement' has been published in quarterly Journal of Indian Institute of Finance, Volume XXIX No. 2, June 2015.
4. Paper titled 'Environment Conservation in Ancient India' published in IOSR, Journal of Humanities and Social Sciences, Vol. XXI, Issue-9 (Version XI), Sept. 2016. ISSN 2279-0837.

**Dr. Ritu Sharma**

1. Paper titled 'Role of Women in Economic Growth', Pramana Research Journal 2014, 3(13), pp. 169-175 (Impact factor : 2.87).

**Dr. Meenu Anand**

1. Paper titled 'Infrastructre Development in Agriculture – A case study of Karnal District' published in International Journal of Management, Vol. – 2, No. 1, Jul-Dec 2012, p.p. 1-12, ISSN-2278-1218.
2. Paper titled 'Skill Development in India: Need, Challenges and Ways Forward' published in seminar proceedings having ISSN978-93-5354-810-1.
3. Paper titled 'Make in India – Issues and Its Challenges' published in Indian Journal of Social Concern, An International Refereed Journal Vol. 6 Issue 15 Nov 2015-April 2016 ISSN 2231-5837.

## **Paper Presented**

### **Dr. Sarika Choudhary**

1. Presented paper titled 'WTO- Trade and Environment Linkages' at Kurukshetra Department of Economics, Kurukshetra University on March 3-4, 2006, as a part of golden jubilee celebration.
2. Participated in 89<sup>th</sup> Annual Conference of Indian Economic Association (IEA) on 27-28 Dec., 2006 organised by Department of Economics, Kurukshetra University, Kurukshetra. Presented paper titled 'Women and Decision Making- A Review Article' : in this conference.
3. Attended one day National seminar organised by S.A. Jain (PG), College on March 10, 2007 and presented paper on the topic 'WTO- Trade and Environment Linkages'.
4. Paper presented on the topic 'ASEAN and India – Future Perspective' in Two-Days National Seminar organised by Department of Economics, Kurukshetra University, Kurukshetra on March 25-26, 2008.
5. Research Paper titled 'Economic Meltdown and Its Impact on Various Sectors of Indian Economy' presented in one-day National Seminar organised by Department of Commerce and Economics of S.M.S Khalsa Labana Girls College, Barara, Ambala on Feb. 7, 2009.
6. Presented paper on the topic ' Working of Stock and Commodity Market in India- An Overview' in Two-Day National Seminar organised by Department of Commerce, Dyal Singh College, Karnal on Feb. 5-6, 2010
7. Presented paper on the topic 'WTO And Higher Education System' in UGC-Sponsored National Seminar by Department of Economics and Commerce of M.D.S.D Girls College, Ambala city on Feb. 27, 2010.
8. Presented paper titled 'Fiscal Federalism In India' in Three days ICSSR & HEC Sponsored International conference organised by Department of Political Sc., Dyal Singh College, Karnal on March 4-6, 2010.
9. Paper titled 'Trends of India's Foreign Trade with ASEAN Countries' presented in UGC-SAP sponsored National Conference organised by Department of Economics, K.U., Kurukshetra March 19-20, 2010.
10. Presented paper titled 'Implications of Globalisation for Agri-Business in India' in Two days National seminar in Arya P.G. College, Panipat on Nov.19-20, 2010.
11. Presented paper entitled ' Corruption and Governance –An Overview' in Two days International Conference organised by department of Economics, M.D.U, Rohtak on Nov. 28-29, 2010.
12. Presented a research paper entitled 'Foreign trade of India and China with ASEAN- A Comparative Study' in Two days International Conference organised by Department of Economics, K.U. Kurukshetra, March 4-5, 2011.
13. Presented a research paper titled 'Evaluation of Poverty Alleviation Programmes' in Two days National seminar in University College, K.U. Kurukshetra, March 10-11, 2011.
14. Presented Research paper on the topic 'Current Global Financial and Economic Crisis' in the National Seminar on Impact of Economic

- Recession on Indian Economy organized by Govt. P.G. College, Karnal sponsored by HEC on Feb. 9-10, 2012.
15. Presented Paper titled 'Use of Information and Communication Technologies in Higher Education' in the National Seminar organized by Commerce and Economics Department, Guru Nanak Khalsa College, Yamunanagar on Feb. 15, 2012.
  16. Presented Paper titled 'Corporate Social Responsibility-An Overview' in the National Seminar organized by Commerce Department of Govt. College for Women, Karnal on March 2-3, 2012.
  17. Presented Paper titled 'FDI in Services: A Roadmap for Development?' in the National seminar organised by Economics Department of Guru Nanak Khalsa College, Yamunanagar on Feb. 21, 2013.
  18. Presented Paper titled 'Role of Women in Energy Sustainable Development' in two days International Conference organised by department of Economics of University College, K.U. Kurukshetra held on March 13-14, 2013.
  19. Presented paper titled 'Social Exclusion and Women in India' in two days International conference organized by Department of Economics University college, Kurukshetra held on Feb. 29- March 1, 2016.
  20. Presented paper titled 'Make in India- Transformation of Indian Economy' in two days National seminar organized by Guru Nanak Khalsa College, Karnal held on March 10-11, 2016.

**Dr. Renu Tanwar**

1. 'Kautilya on Governance and Corruption: Implications for Modern Era' presented at International Conference on Governance Issues and Corruption on November 29-30, 2010 organized by Department of Economics, Maharshi Dyanand University, Rohtak under UGC Special Assistance Programme.
2. Paper presented in National Conference in K.U. Kurukshetra on March 10-11, 2011. The topic of paper is 'Impact of Global Recession on Indian Economy with special reference to Poverty.'
3. Participated in three-days National Workshop on Research Methodology and use of SPSS package in March 2014 organised by Department of Education, K.U. Kurukshetra.

**Dr. Ritu Sharma**

1. 'Kautilya on Governance and Corruption: Implications for Modern Era' presented at International Conference on Governance Issues and Corruption on November 29-30, 2010 organized by Department of Economics, Maharshi Dyanand University, Rohtak under UGC Special Assistance Programme.
2. 'Dr B.R. Ambedkar: Contribution in the field of Economics' presented at National Seminar on 'Understanding Bharat Ratna Dr B.R. Ambedkar on March 6-7, 2016 organised by Dyal Singh College, Karnal.
3. 'Challenges to Food Security in India' presented at National Seminar on Food Security in India : Issues and Challenges on Sep. 28-29, 2015 organised by S.D. College (Lahore), Ambala Cantt.

**Dr. Meenu Anand**

1. Presented paper on the topic 'FDI : It's Impact on India in Last Decade' in Two Days National Seminar organised by Department of Economics, D.A.V.(P.G.) College, Karnal on Oct. 5-6,2010.
2. Presented paper on 'Impact of Globalisation on Agriculture'in Two Days National Seminar organised by Department of Economics, Arya Post Graduate College, Panipat on Nov. 19-20, 2010.
3. Presented research paper titled 'Retail Industry in India' in one Day National Seminar organised by Markanda National College, Shahabad Markanda on Jan. 28, 2011.
4. Presented paper on the topic 'Impact of Recession on FDI'in Two Days National Seminar organised by Department of Economics, Govt. (P.G.) College, Karnal on Feb. 9-10, 2012.
5. Presented paper on the topic 'Effect of Globalisation on Indian Economy' in Two Days National Seminar organised by Department of Commerce, Karnal on March 2-3, 2012.
6. 'Skill Development In India: Need, Challenges And Ways Forward' in DHE, Haryana sponsored Inter-Disciplinary National Seminar at R.K.S.D. College, Kaithal on February 17, 2016.
7. 'Make In India: Issues And Its Challenges' in UGC sponsored National Seminar at K.U. Kuruksherta on February 26, 2016.
8. 'Make In India' in National Conference sponsored by DHE, Haryana at Arya P. G. College on March 21-22, 2016.

**Seminars and Workshops Attended**

**Dr. Sarika Choudhary**

1. Attended Two-Days National Seminar on Nov. 19-20, 2007 organised by Division of Dairy Economics, Statistics & Management, NDRI, Karnal in collaboration with Haryana Economic Association.
2. Attended Two-Days National Seminar on 'Emerging Challenges in Commerce and Management' organised by Department of Commerce, Government College for Women, Karnal on March 18-19, 2008.
3. Attended Two-days National Seminar on '11<sup>th</sup> Five Year Plan-Towards Faster and More Inclusive Growth' organised by Department of Economics, D.A.V College for Girls YamunaNagar on Feb. 21-22, 2009.
4. Attended Two- Days UGC-Sponsored National Seminar on the topic 'Dynamics of Federalism in India' organised by Department of Political Science, Dyal Singh College, Karnal on March 5-6, 2009.
5. Attended Five-days UGC-Sponsored Workshop on 'Capacity Building of Women Managers in Higher Education-Sensitivity/ Awareness/ Motivation' organised by S.D.College(Lahore),Ambala Cantt. on March 16- 20, 2009.
6. Actively participated in Five Days National Workshop on 'Research Methodology for Social Sciences' organised by School of Social Sciences, GNDU, Amritsar in collaboration with SPSS, Banglore on April 19-24, 2010.

7. Attended Two –Days HEC Sponsored National Seminar on ‘Women Rights and Awareness’ organised by Women Cell of D.A.V College (Lahore), Ambala City on Feb. 19-20, 2010.
8. Attended Two-days National Seminar on ‘Liberalization, Privatization and Globalization- Issues, Challenges and Prospects’ organized by Department of Commerce of D.A.V. College, Karnal on Oct. 5-6, 2010.
9. Attended one day university level workshop on ‘Curriculum Development and Teaching practices in Economics at under graduate level’ at Dept. of Economics, K.U.Kurukshetra on Dec. 4, 2010.
10. Attended International Conference on ‘Poverty in Developing Countries: Challenges and Policy Options’ organised by Department of Economics, K.U. Kurukshetra in collaboration with George Washington University, Washington, October 19-20,2012.
11. Attended Three days National Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ held in Dyal Singh College, Karnal on March 10-12, 2012.
12. Attended one day Faculty Development Programme on Research Methodology & Uses of SPSS at R.K.S.D. College, Kaithal on November 14, 2014.

**Dr. Renu Tanwar**

1. Attended 26th Annual Conference of Haryana Economic Association on November 26-27, 2007 held in N.D.R.I Karnal.
2. Attended two day National seminar on 11<sup>th</sup> Five Year Plan-Towards Faster and More Inclusive Growth on February 21-22, 2009 in D.A.V College for Girls, Yamunanagar.
3. Attended two day National seminar on Liberalisation, Privatisation and Globalisation Issues, Challenges and Prospects on 5-6 October 2010 in D.A.V (P.G) College Karnal.
4. Attended 93rd Annual Conference of Indian Economic Association held in Punjab University, Chandigarh on 27-29 December 2010.
5. Attended two day International seminar on India-China Global Economy held in Kurukshetra University Kurukshetra on March 4-5, 2011.

**Dr. Ritu Sharma**

1. UGC sponsored National Seminar on Dynamics of Federalism in India, organized by Department of Political Science, Dyal Singh College, Karnal on March 06-07, 2009.
2. UGC sponsored National Seminar on Good Governance in India-Need and Rationale, organized by Department of Economics, D.A.V College, Pehowa, Kurukshetra on March 19, 2009.
3. Workshop on Content Development for EDUSAT held at Government Post Graduate College, Karnal and organized by Department of Higher Education, Government of Haryana, Panchkula on March 23 - 25, 2009.
4. UGC sponsored sensitivity/awareness/motivation workshop on Capacity Building of Women Managers in Higher Education, organized by Women’s Studies Research Centre, K.U. Kurukshetra from February 16 – 20, 2010.



5. National Conference on Emerging Global Economic Scenario: Asian and India, organized by Department of Economics, K.U. Kurukshetra on March 19-20, 2010.
6. National Seminar on Impact of Recession on Indian Economy, organized by Department of Economics, Government Post Graduate College, Karnal on February 09-10, 2012.

**Dr. Meenu Anand**

1. Attended Two-day National Seminar on 'Indian Financial Sector: Challenges and Opportunities' organised by Department of Commerce and Economics, Guru Nanak Khalsa College, Karnal on March 2-3, 2013.
2. Attended one day Faculty Development Programme on Research Methodology & Uses of SPSS at R.K.S.D. College, Kaithal on November 14, 2014.

**Other Achievements**

**Dr. Sarika Choudhary**

1. Resource Person in EDUSAT Programme of HEC, Panchkula for the session 2010-11, 2011-12. Delivered 03+02 lectures under EDUSAT programme on topic "International Trade Theories, Theories of Rent and Interest " at DIET, Panchkula in respective sessions.
2. Worked as a active member of curriculum committee of Department of Economics, K.U. Kurukshetra and made syllabus of B.A.I, II, III (Hons.).
3. Attended Refresher course in Business Studies (Commerce/ Tourism/ Management /Economics) organised by UGC-ASC, K.U. Kurukshetra from 15-12-2010 to 04-01-2011
4. Resource Person in EDUSAT Programme of HEC, Panchkula for the session 2012-13 and delivered two lectures under EDUSAT programme on topics "Population and Economic Development: Demographic Trends, Urbanisation, Occupational Structure and Population policy" and 'Employment and Unemployment in India , Employment Generation Schemes and Their Impact' at DIET, Panchkula.
5. Received the Best Teacher Award by Bharat Vikas Parishad on Teachers' Day i.e. September 5, 2013.
6. Received Best Alumni Award from Kumari Vidyavati Anand D.A.V. College for Women, Karnal on July 21, 2013.
7. Awarded Ph.D degree on July 24, 2013 on the topic 'India and ASEAN: An Analysis of Trade Structures since 1980s' under the guidance of Professor Neera Verma, Chairperson, Department of Economics, K.U. Kurukshetra.
8. Deputed as a Special Invitee in the meeting of Board of Studies (UGBOS) in Economics held on March 18, 2014 and made the proposal of Economics Honours regarding scheme and new pattern of Economics subject.
9. Delivered an extension lecture on the topic 'Career Oportunities in Economics' in D.A.V P.G College, Karnal on March 20, 2015.

10. Powerpoint presentations on the topic 'Employment Opportunities in Economics' to M.A Economics, B.A. (Eco Hons.) students in the college on April 6, 2015.
11. Elected unopposed as a university court member on March 15, 2015.
12. Appointed as a nodal officer for NSDL PRAN A/C Dealings.
13. Attended Interdisciplinary Refresher course in Research Methodology from Nov. 19 to Dec. 09, 2015.
14. Worked as a member of Editorial board in International Refereed Journal 'Indian Journal of Social Concerns' with ISSN : 2231-5837.
15. Worked as a member of Editorial board in International Refereed Journal 'Yugshilpi' with ISSN 0975-4644.
16. Worked as a member of Editorial board (Special Assistance) of 'Research Link-An International Refereed Journal' in Special issue of Haryana Edition i.e.139, Volume 14, October-2015.

**Dr. Renu Tanwar**

1. Participated in Orientation Course organized by UGC – Academic Staff College, K.U. Kurukshetra, May 16- June 12, 2007.
2. Participated in Refresher Course in Business Studies organized by UGC – Academic Staff College, K.U. Kurukshetra, Dec. 3-23, 2014.
3. Participated in the Refresher Course from 19.05.2010 to 08.06.2010 in BPS Mahila Mahavidyalya, Khanpur Kalan, Sonapat.

**Dr. Ritu Sharma**

1. Participated in Orientation Course organized by UGC – Academic Staff College, K.U. Kurukshetra, Feb. 02-28, 2009.
2. Participated in Refresher Course in Business Studies organized by UGC – Academic Staff College, K.U. Kurukshetra, Jan. 16 –Feb. 04, 2012.
3. Acted as Resource Person during EDUSAT Programme of Higher Education Commissioner, Department of Higher Education, Government of Haryana, Panchkula for sessions 2010-11 & 2011-12 and delivered lectures on 'Oligopoly. Elasticity of Demand and Theory of Production.
4. Acted as Resource Person for delivering lectures to the participants of Post Graduate Diploma in Sustainable Rural Development, sponsored by National Institute of Rural Development, Hyderabad and Organised by Haryana Institute of Rural Development, Government of Haryana, Nilokheri, Karnal on the topics, Development Theory and Approaches, Theory and Methods during the session 2013-14.
5. Participated in three weeks Refresher Course in Business Studies (Commerce/ Management/ Tourism/ Economics) organized by UGC – Academic Staff College, K.U. Kurukshetra from Dec. 03-23, 2014.
6. Participated in one week short term course in Soft Skills and Creative Writings organized by UGC – Academic Staff College, Kurukshetra University, Kurukshetra from August 31 – September 5, 2015.

**Dr. Meenu Anand**

**1. Awarded Doctorate Degree on May 30, 2016 in Economics from NIMS University, Jaipur on the topic ‘Living Standard, Consumption Patterns and Consumer Behaviour of Rural Households in Karnal District of Haryana.’**

- \* Number of papers published in peer reviewed journals (national / international) by faculty and students **08**
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **07**
- \* Monographs **Nil**
- \* Chapter in Books **Nil**
- \* Books Edited **Nil**
- \* Books with ISBN/ISSN numbers with details of publishers **01**

**Dr. Sarika Choudhary**

**1. ‘Decision Making by Urban Women: A Case Study of Karnal (Haryana) Lambert Academic Publishing House, Germany ISBN:978-3-659-33239-5.**

- \* Citation Index **Nil**
- \* SNIP **Nil**
- \* SJR **Nil**
- \* Impact factor **12**
- \* h-index **Nil**
- 20. Areas of consultancy and income generated **Nil**
- 21. Faculty as members in
  - a) National committees - **01**  
**Indian Journal of Social Concerns.ISSN:2231-5837.**
  - b) International Committees **Nil**
  - c) Editorial Boards **02**  
**1. Indian Journal of Social Concerns. ISSN:2231-5837.**  
**2. Yugshilpi International Referred Journal.ISSN:0975-4644.**
- 22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme **Nil**
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **Nil**
- 23. Awards/ Recognitions received by faculty and students-

**Dr. Sarika Chaudhary**

- **Professor Samman Award by Manav Kalyan Mandal on May 27,2012.**
- **Best Alumni Award by K.V.A.D.A.V College, Karnal on July 21, 2013.**
- Our students of M.A. Economics regularly bag University merit positions.**
- **In 2012-2013 our four students got 1<sup>st</sup>, 3<sup>rd</sup>, 10<sup>th</sup> and 15<sup>th</sup> positions in the University Merit List.**
- **In 2013-2014 two of our students were placed on 4<sup>th</sup> and 9<sup>th</sup> positions in the University Merit List.**

24. List of eminent academicians and scientists/ visitors to the department

<b>Sh. Arvind Kaul, I.A.S. (Retd.)</b>	<b>Hon'ble Trustee, Dyal Singh College Trust Society, Karnal.</b>
<b>Prof. Neera Verma</b>	<b>Professor, Department of Economics, K.U. Kurukshetra</b>
<b>Prof. M.M.Goel</b>	<b>Professor(Retd.), Department of Economics, K.U. Kurukshetra</b>
<b>Prof. V.N.Atri</b>	<b>Professor, Department of Economics, K.U. Kurukshetra</b>
<b>Dr. Ashok Chauhan</b>	<b>Associate Professor, Department of Economics, K.U. Kurukshetra</b>
<b>Dr. Hemlata Sharma</b>	<b>Assistant Professor, Department of Economics, K.U. Kurukshetra</b>

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National **Nil**  
 b) International **Nil**

26. Student profile programme/course wise:

Name of the Course /programme	2016-17			2015-16	
	Applications received	Selected	Enrolled *M *F		Pass percentage
<b>B.A. I</b>	<b>150</b>	<b>67</b>	<b>54</b>	<b>13</b>	<b>44.74</b>
<b>B.A. II</b>	<b>41</b>	<b>41</b>	<b>27</b>	<b>14</b>	<b>60.00</b>
<b>B.A. III</b>	<b>42</b>	<b>42</b>	<b>34</b>	<b>08</b>	<b>94.12</b>
<b>B.A. I ( Hons.)</b>	<b>60</b>	<b>33</b>	<b>19</b>	<b>14</b>	<b>82.35</b>
<b>B.A. II ( Hons.)</b>	<b>15</b>	<b>15</b>	<b>02</b>	<b>13</b>	<b>57.14</b>
<b>B.A. III ( Hons.)</b>	<b>22</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>100.00</b>
<b>B.Com. I</b>	<b>747</b>	<b>177</b>	<b>96</b>	<b>81</b>	<b>89.74</b>
<b>M.A. (P)</b>	<b>27</b>	<b>17</b>	<b>03</b>	<b>14</b>	<b>35.71</b>
<b>M.A. (F)</b>	<b>15</b>	<b>15</b>	<b>05</b>	<b>10</b>	<b>94.44</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
<b>B.A.</b>	<b>100</b>	<b>00</b>	<b>--</b>
<b>B.A. (Hons.)</b>	<b>100</b>	<b>00</b>	<b>--</b>
<b>B.Com.</b>	<b>98</b>	<b>02</b>	<b>--</b>
<b>M.A.</b>	<b>99</b>	<b>01</b>	<b>--</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>30</b>
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	<b>5</b>
• Other than campus recruitment	-
Entrepreneurship/Self-employment	<b>15</b>

30. Details of Infrastructural facilities

a) **Library** **General and Departmental Library**

b) **Internet facilities for Staff & Students** **Yes**

c) **Class rooms with ICT facility**

**Yes and the common facility provided by the college is also used when required.**

d) **Laboratories**

**Yes, well equipped laboratory for B.A. and M.A. students as per the requirement of the syllabus prescribed by K.U. Kurukshetra.**

31. Number of students receiving financial assistance from college, university, government or other agencies **25**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- **Extension lecture delivered by Dr. Neera Verma, Prof., Department of Economics, K.U. Kurukshetra on Feb. 8, 2006 on the topic ‘Impact of Globalization on Indian Economy’**
- **Dr. V.N. Attri delivered on extension lecture on the topic ‘WTO and Globalization’ on Feb. 3, 2007.**
- **An Extension lecture delivered by Dr. M.M. Goel on the topic ‘Opportunities in Economics’ on 31<sup>st</sup> January, 2008.**
- **Sh. Arvind Kaul, IAS (Retd.), Hon’ble Trustee, Dyal Singh College Trust Society, Karnal delivered a lecture on ‘Impact of Global Recession on Developing Countries Like India’ on Feb. 4, 2010.**
- **An extension lecture delivered by Sh. Arvind Kaul, IAS (Retd.), Hon’ble Trustee, Dyal Singh College Trust Society, Karnal on the topic ‘Career in Economics’ on March 21, 2012.**
- **An extension lecture delivered by Dr. Neera Verma on the topic ‘Agriculture in Developing Countries like India’ in the 21<sup>st</sup> Century’ on March 21, 2012.**

33. Teaching methods adopted to improve student learning

**Regular and remedial classes, assignments, tests, group discussion, weekly seminars.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities  
**Under NSS, NCC banner lectures are delivered to sensitize and spread information among the students on various issues.**

### 35. SWOC analysis of the department and Future plans

#### Strengths

- The department has well qualified teachers.
- Apart from teaching, the teachers assist the college administration, so they have administrative experience too.
- The department is equipped with a departmental library and a computer.
- Economics is a popular subject in the college, so a good number of students opt for it.
- There is cordial relationship between teachers and students.
- Regular classes are held, the syllabus is always completed, and remedial coaching classes are also held for slow learners.
- Teachers personally counsel students to solve their problems so that there is minimum dropout rate; and, the students are also motivated to appear for competitive exams.

#### Weaknesses

- While following the university and government rules, we are forced to admit students who are very low in merit, which affects the overall result of the department.
- Due to lack of awareness of the subject, students are afraid of the subject.
- Lengthy syllabus is an obstacle for opting the subject.

#### Opportunities

- The college is a recognized by the U.G.C. under sections 2f and 12 (b) which makes us eligible to apply and get grants for seminars, projects, symposia, and workshop etc.
- Apart from this, the students coming to the college are from the low-income backward class of society, so the teachers get the opportunity to provide higher education to the less resourceful rural population .

#### Challenges

- There is lack of administrative and technical staff in the department.
- Students have to commute long distances to reach the college.
- The students are not bilingual and speak and understand Hindi language only. As a result the books written only in English become useless for them.
- Most of the students are irregular in attendance, and there is also the case of dropouts for various reasons.

#### Future Plans

- More participation of teachers in various research areas not only in national but also at international level.
- Establishment of research centre and encouraging students to take up research after higher studies.
- Richer departmental and general library.
- More quality published work and project.

## Evaluative Report of the Department of English

1. Name of the Department **English**
2. Year of Establishment **U.G. 1949 P.G. 1982**
3. Names of Programmes / Courses offered  
(UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **B.A (Gen), B.A (Hon.), B.Sc., BCA M.A.**
4. Names of Interdisciplinary courses and the departments/units involved **Nil**
5. Annual/ semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **B.Sc. and B.C.A.**
7. Courses in collaboration with other universities, industries, foreign institutions **Nil**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
<b>Faculty</b>	<b>12</b>	<b>12</b>
<b>Associate Professors</b>	<b>04</b>	<b>04</b>
<b>Assistant Professors</b>	<b>08</b>	<b>06 + 02 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of M.Phil./ Ph.D students guided for the last 4 years
<b>Dr. Chander Kanta</b>	<b>M.A. English, M.A. Linguistics, Ph.D.</b>	<b>Associate Professor</b>	<b>Modern American Literature and Linguistics</b>	<b>30</b>	<b>M.Phil. 4</b>
<b>Dr. Neena Arora</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Associate Professor</b>	<b>Indian Fiction</b>	<b>33</b>	<b>M.Phil. 10</b>
<b>Ms. Poonam Singla</b>	<b>M.A., M.Phil, B.Ed.</b>	<b>Associate Professor</b>	<b>Modern British Fiction</b>	<b>21½</b>	<b>Nil</b>
<b>Mr. Dinesh Kumar</b>	<b>M.A., M.Phil.</b>	<b>Assistant Professor</b>	<b>British Literature</b>	<b>9½</b>	<b>Nil</b>

<b>Dr. Ritu Sharma</b>	<b>B.A(Hons.) M.A., M.Phil, Ph.D., PGCTE (CIEFL, Hyderabad)</b>	<b>Associate Professor</b>	<b>Modern American Fiction</b>	<b>26</b>	<b>M.Phil. 12 Ph.D.-1 submitted &amp; 1 registered</b>
<b>Mr. Subhash Singh</b>	<b>M.A., M.Phil.</b>	<b>Assistant Professor</b>	<b>American Fiction</b>	<b>8</b>	<b>Nil</b>
<b>Dr. Jyotsna Grewal</b>	<b>M.A., M.Phil, Ph.D</b>	<b>Assistant Professor</b>	<b>American Literature</b>	<b>18</b>	<b>M.Phil. 12 &amp; Ph.D. 03 (2 completed 1 submitted)</b>
<b>Mr. Mahavir Singh</b>	<b>M.A., M.Phil., B.Ed, B.Lib. &amp;Info Sc., CTE.</b>	<b>Assistant Professor</b>	<b>American Fiction</b>	<b>8</b>	<b>Nil</b>
<b>Mr. Bhupender Kumar</b>	<b>M.A., MBA, M.Ed, M.Phil., NET(Edu)</b>	<b>Assistant Professor</b>	<b>American Drama</b>	<b>8</b>	<b>Nil</b>
<b>Ms. Aastha Bhatia</b>	<b>B.A(Hons.) M.A., M.Phil., NET</b>	<b>Assistant Professor</b>	<b>Indian Fiction</b>	<b>6</b>	<b>Nil</b>
<b>Ms. Asha</b>	<b>M.A.</b>	<b>Assistant Professor</b>	<b>-</b>	<b>2½</b>	<b>Nil</b>
<b>Ms. Shikha Sandhu</b>	<b>M.A., M.Phil.</b>	<b>Assistant Professor</b>	<b>Indian Fiction</b>	<b>2½</b>	<b>Nil</b>
<b>Sh. Ranjeet</b>	<b>M.A.</b>	<b>Assistant Professor</b>	<b>-</b>	<b>-</b>	<b>Nil</b>

11. List of Senior Visiting Faculty-

<b>Dr. D.D.S Sandhu</b>	<b>Former Vice Chancellor, K.U. Kurukshetra</b>
<b>Dr. Bhim S. Dahiya</b>	<b>Ex-Chairperson, Department of English and Ex-VC, K.U. Kurukshetra</b>
<b>Prof. Anand Prakash</b>	<b>Ex-Professor, Department of English, Hansraj College, Delhi</b>
<b>Prof. Shelly Walia</b>	<b>Ex Chair Person Department of English PU, Chandigarh</b>
<b>Prof. Gulshan Kataria</b>	<b>Professor, Department of English, Punjabi University, Patiala</b>



<b>Prof. Manjit Inder Singh</b>	<b>Professor, Department of English, Punjabi University, Patiala</b>
<b>Prof. Tejinder Kaur</b>	<b>Professor, Department of English, Punjabi University, Patiala</b>
<b>Prof. S. P. S. Dahiya</b>	<b>Professor, Department of English, MDU, Rohtak</b>
<b>Prof. Surinder Sangwan</b>	<b>Professor, Department of English, MDU, Rohtak</b>
<b>Prof. Dipti Dhimani</b>	<b>Professor, Department of English, CDLU, Sirsa</b>
<b>Dr. R. S. Walia</b>	<b>Associate Professor, Department of English, GNK College, Yamunanagar</b>
<b>Dr. Shashi Dhamija</b>	<b>Associate Professor, Department of Hindi, Arya Girls College, Ambala Cantt</b>
<b>Dr. Namvar Singh</b>	<b>Retired Professor, Department of Hindi, JNU &amp; then Chancellor, Mahatma Gandhi International University, Vardha</b>
<b>Ms. Anu Lather</b>	<b>Department of Management, I.P University, New Delhi</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty  
**PG Nil**  
**UG 20%**
13. Student -Teacher Ratio (programme wise)  
**B.A. 76:1**  
**B.A. Hons. 10:1**  
**B.Sc. 73:1**  
**B.C.A. 71:1**  
**M.A. 6:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
**Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.  
**Ph.D- 4 M.Phil- 7 P.G.-1**
16. Number of faculty with ongoing projects from  
a) National b) International funding agencies and grants received  
**Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received  
**Dr. Ritu Sharma**  
**One Minor Research Project Titled 'India in the Imagination of the Writers of Indian Diaspora' sanctioned by UGC for Rs. 45,000/-. (Completed)**
18. Research Centre /facility recognized by the University  
**Ph.D. Supervised : 05 M.Phil. Guided : 38**

**Ph.D.Students Guided :****Dr. Ritu Sharma**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Sonika	Defeat and Disillusionment: A Tragic Vision in the Novels of Anita Desai	Dravidian University, Kuppam	2012
2	Vibha Singh	Critical Vision of Oscar Wilde in His Plays	Mewar University, Chittorgarh	2012

**Dr. Jyotsna Grewal**

S. N.	Name of the Candidate	Topic of the Thesis	University	Year
1	Ms Sarita Kumari	Between Two Worlds : Conflict of Sensibility in the Novels of Arun Joshi	Singhania University	2013
2	Ms Neena	Feminist Perspectives in the selected Novels of Bharti Mukherjee	Shri Jagdish Prasad Jhabarmal Tibrewala University, Jhunjhunu	2016
3	Subhash Singh	Afro-American Experience in the Novels of Toni Morrison	Dravidian University, Kuppam	2015

**M.Phil Students Guided****Dr.Chander Kanta**

S. N.	Name of Candidate	Topic of the Dissertation	University	Year
1	Savita Saini	The Theme of Violence in R. K. Narayan's Novels: <u>The Guide</u> and <u>The Man-Eater of Malgudi</u>	Vinayaka Missions University, Salem	2007
2	Mamta	Man-woman Relationship in the Novels of R.K.Narayan with Special reference to <u>The Dark Room</u> and <u>The Guide</u>	CDLU, Sirsa	2008
3	Gurdeep Kaur	Feminist Concerns in Gustavo Flaubert's <u>Madame Bouvary</u>	Dravidian University, Kuppam	2009
4	Kiran Kumar	A New Historicist Study in Ernest Hemingway's Novel <u>A Farewell to Arms</u> and <u>For Whom the Bell Tolls</u>	M.M. University, Mullana,	2009

**Dr. Neena Arora**

<b>S. N.</b>	<b>Name of Candidate</b>	<b>Topic of the Dissertation</b>	<b>University</b>	<b>Year</b>
1	Indu Swami	Feminist Voice in Arundhati Roy's <u>The God of Small Things</u>	Madurai Kamraj University, Madurai	2006
2	Meenu	Man-Woman Relationship in the Novels of Manju Kapur	Kurukshetra University, Kurukshetra	2007
3	Narender Kumar	Affirmation of Life with Special Reference to Bhabhani Bhattacharya's <u>He Who Rides a Tiger</u> and Kamala Markandaya's <u>Nectar in a Sieve</u>	Chaudhary Devi Lal University, Sirsa	2007
4	Meena Kadyan	A Study of the Theme of War and Alienation in Ernest Hemingway's <u>The Sun Also Rises</u> and <u>A Farewell to Arms</u>	Kurukshetra University, Kurukshetra	2008
5	Arvina	The Feminist Issues in Arundhati Roy's <u>The God of Small Things</u>	CDLU, Sirsa	2008
6	Naresh Kumar	A Postcolonial Study of Chinua Achebe's <u>Things Fall Apart</u> and <u>Arrow of God</u>	Kurukshetra University, Kurukshetra	2008
7	Monika Aneja	The Conflict of Values in Bhabhani Bhattacharya's Fiction with Special Reference to <u>Music for Mohini</u> and <u>A Goddess Named Gold</u>	Vinayaka Missions University, Salem	2008
8	Sanjay	Feminist Voice in Mulk Raj Anand's <u>Gauri</u> and R.K.Narayan's <u>The Dark Room</u>	CDLU, Sirsa	2008
9	Bhawna Sharma	Theme of Good and Evil in R.K.Narayan's <u>The Guide</u> and <u>The Man-Eater of Malgudi</u>	CDLU, Sirsa	2008
10	Sheetal Rani	Autobiographical Element in Hemingway's <u>A Farewell to Arms</u> and <u>For Whom the Bell Tolls</u>	Kurukshetra University, Kurukshetra	2009

**Dr.Ritu Sharma**

S. N.	Name of Candidate	Topic of the Dissertation	University	Year
1	Sonika	Love and Death in Anita Desai's <u>Cry, The Peacock</u> and <u>Voices in the City</u>	Alagappa University, Karaikudi	2007
2	Ram Lal Sharma	The Social Vision in Jane Austen's <u>Pride and Prejudice</u> and <u>Emma</u>	CDLU, Sirsa	2007
3	Lakhmi Chand	Humanism in Mulk Raj Anand's <u>Untouchable</u> and <u>Coolie</u>	CDLU, Sirsa	2007
4	Kavita	Fascination for Death in the Poetry of Sylvia Plath	CDLU, Sirsa	2007
5	Sudha Rani	The Hero from Dirt and Dust: A Study of Mulk Raj Anand's <u>Untouchable</u> and <u>Coolie</u>	Alagappa University, Karaikudi	2007
6	Anita	Depiction of Violence in Khushwant Singh's <u>Train to Pakistan</u>	Alagappa University, Karaikudi	2007
7	Deepali Thakran	Emerging Image of Women in Virginia Woolf's Novels: A Study of <u>Mrs. Dalloway</u> and <u>To the Lighthouse</u>	CDLU, Sirsa	2007
8	Mamta Chauhan	Theme of Violence in Ted Hughes' Poetry ( A Study of Selected Poems )	CDLU, Sirsa	2007
9	Samriti Bhargav	The Autobiographical Fiction of Charles Bukowski: A Study of <u>Ham on Rye</u> and <u>Women</u>	Alagappa University, Karaikudi	2007
10	Astha	Huxley's <u>Brave New World</u> : Under currents of Buddhism	K.U. Kurukshetra	2007
11	Pooja	India in the Imagination of the Writers of Indian Diaspora	Madurai Kamraj University, Madurai	2009
12	Nisha	Quest for Identity : A Study of Amitav Ghosh's <u>The Glass Palace</u> and <u>The Hungry Tide</u>	Global Open University, Nagaland	2009

**Dr. Jyotsna Grewal**

S. N.	Name of Candidate	Topic of Dissertation	University	Year
1	Rekha Rani	Feminism in Kingsley Amis's <u>Lucky Jim</u> and John Braine's <u>Room at the Top</u> : A Comparative Study	CDLU, Sirsa	2007
2	Rajbir	The Image of India in Mulk Raj Anand's <u>Coolie</u> and <u>The Old Woman and the Cow</u>	CDLU, Sirsa	2007
3	Saroj Bala	East and West in R.K. Narayan's <u>The Guide</u> and <u>The Man-Eater of Malgudi</u>	CDLU, Sirsa	2007
4	Shalini Singh	Treatment of Women Characters in Saul Bellow's <u>Herzog</u> , <u>The Dean's December</u> and <u>The Bellarosa Connection</u>	CDLU, Sirsa	2007
5	Anju Sharma	Dialectic of Self Realisation in the Poetry of Langston Hughes	CDLU, Sirsa	2007
6	Archana Sharma	Quest for African-American Identity in the Poetry of Langston Hughes	Vinayaka Missions University, Salem	2007
7	Veer Bhan	Representation of Conflict between Self and Community in Toni Morrison's <u>The Bluest Eye</u> and <u>Beloved</u>	Kurukshetra University, Kurukshetra	2008
8	Poonam Rani	Subjugation and Subversion : Liberated Women in R.K.Narayan's Novels	Vinayaka Missions University, Salem	2009
9	Anjali Malik	The Theme of Indianness in the Novels of R.K.Narayan with Special Reference to <u>The Guide</u> and <u>The Man Eater of Malgudi</u>	M.M. University, Mullana ,	2009
10	Kavita Rani	Search for Faith in Graham Greene's <u>The Heart of the Matter</u> and <u>The Power and the Glory</u>	Kurukshetra University, Kurukshetra	2009
11	Promila	Individual Versus Society: A Critical Study of George Orwell's Novels <u>Animal Farm</u> and <u>Ninety Eighty Four</u>	CDLU, Sirsa	2010

12	Anita Chaudhary	Social Perspective in the Novels of Jane Austen with Special Reference to <u>Pride and Prejudice</u> and <u>Emma</u>	Manav Bharti University, Solan	2010
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19. Publications:

a. Publication per faculty –

Papers published : 35

Papers presented : 81

**Papers Published :**

**Dr. Chander Kanta**

1. Review of the books Ways to Improve your Communication Skills Instantly by Jo Condrill and Bennie Bough and Communication by Roger Cartwright published in the journal Gopeshwar Law Review (No. 1, 2003-04).
2. Review of the book Business Communication Strategies by Matthukutty and Monipally published in the journal Gopeshwar Law Review (No. 3, 2005-06).
3. Review of the book Soul on Ice by Eldridge Cleaver published in the journal Gopeshwar Law Review (No. 3, 2007-08).
4. Review of the book Belonging to the Universe by Frito Capra published in the journal Gopeshwar Law Review (No. 3, 2008-09).
5. A research paper titled ‘Strategising Legal Environmental Communication: A Literary Appraisal’ published in the journal Gopeshwar Law Review (No. 7, 2009-10).

**Dr. Neena Arora**

1. Research paper titled ‘Emergence of Post-Colonial Literature and Theory and the Need for Further Evolution’ published in the national journal Kurukshetra University Research Journal (Arts and Humanities), Vol. XLV: 2011, ISSN: 0454-6952.
2. An article titled ‘New Literary Paradigms in Feminist, Postcolonial and Minority Literature’ published in the book The Literature of Small Cultures: an Assertion of Difference (ISBN 978-81-909755-1-3).

**Sh. Dinesh Kumar**

1. Research paper titled, Dehumanization due to Industrialization in D.H. Lawrence’s novel Sons and Lovers in an International Journal of Research, IJR, with Impact Factor 3.85, Vol. 1, Issue-5, ISSN : 2348-6848.
2. Research paper titled Theme of Oedipus Complex in D.H. Lawrence’s Novel Sons and Lovers in an International Journal of Research UPSTREAM. ISSN 2320-768X, April 2013.
3. Research paper titled Philip Larkin as a Movement Poet in an International Journal of Research UPSTREAM. ISSN 2320-768X, May 2013.

4. Research paper titled 'The Experience from Innocence to Reality in Henry James' Novel : The Portrait of a Lady' in International Journal of Research, May 2014, Volume I, Issue 4.
5. Research paper titled Frederick Henry as an Alienated Soul : A Critical Study of Ernest Hemingway's A Farewell to Arms in an International Journal of Research UPSTREAM. ISSN 2320-768X, July 2014, Issue 2.
6. Research paper titled Autobiographical Elements in Ernest Hemingway's For Whom the Bell Tolls in an International Journal of Research UPSTREAM. ISSN 2320-768X, Oct. 2014, Issue 3.
7. Research Paper titled 'Formalistic Approach in English Literary Criticism' in an International Peer Reviewed Refereed Indexed Journal. ISSN 2320-768X with Impact Factor 0.725 (2015-16).
8. Research Paper titled 'Grammar Translation Method as an Indispensable Approach in Semi-Urban and Rural Areas as Teaching Method' in International Journal of Research. ISSN: 2348-6848 with Impact Factor 3.85, November 2015.
9. Research Paper titled 'Conflict Between The Good and Evil in R.K.Narayan's The Guide in International Journal of Research. ISSN : 2348-6848 with Impact Factor 3.85, December 2015.
10. Research Paper titled ' Vision of Society in George Orwell's Animal Farm and Nineteen Eighty -Four' in International Journal of Research ISSN: 2348-6848 with Impact Factor 3.85, January 2016.
11. Research Paper titled ' Conflict Between Individual Versus Society in George Orwell's Animal Farm and Nineteen Eighty -Four ' in International Journal of Research ISSN: 2348-6848 with Impact Factor 3.85, February 2016.

**Dr.Ritu Sharma**

1. A chapter titled 'Indian Diasporic Writers—Living on the Margin of Two Societies' published in the proceedings of the seminar in book form The Indian Diaspora Writing (Theory and Discourse) edited by Satyavir S. Phulia and Hemant Verma. ISBN 818999607-X
2. Research Paper titled 'Edith Wharton and Her New England- A Special Reference to Ethan Frome' in International Journal 'Alchemist, Journal of Humanities' Vol. 1 No. III , 2013, ISSN-2320-9216.
3. A Research paper titled 'Reminiscences of India in the Writings of Rohinton Mistry : A Special Reference to Such A Long Journey' was published in the International Referred Journal Researchers' World : Journal of Arts, Science and Commerce, Vol. V Issue 2(1), April 2014, ISSN : 2231-4172.

**Sh. Subhash Singh**

1. Research paper titled 'Self-Realization and Individualization in the Novels of Toni Morrison' published in International Journal of English Language, Literature and Translation Studies 2015, ISSN 2395-2628.
2. Research paper titled 'Thematic Concerns in the Beloved by Toni Morrison, published in International Global Journal of Research Analysis 2015, ISSN 2277-8160.
3. Research paper titled 'Use of Biblical Allusions in Song of Solomon by Toni Morrison, published in Parfex-An Indian Journal of Research, 2015, ISSN 2250-1991.

**Dr. Jyotsna Grewal**

1. Research paper titled 'Women Characters in Saul Bellow's The Bellarosa Connection' published in Kurukshetra University Research Journal (Arts and Humanities) edited by Prof. G. Khurana Vol. XXXVIII, Jan.-Dec. 2004, ISSN:0454-6952.
2. Research paper titled 'Idea vs. Reality: Inauthenticity of American Dreams in Bernard Malamud's The Assistant' published in Kurukshetra University Research Journal (Arts and Humanities) ,Vol. XL, Jan-Dec.2006, ISSN : 0454-6952.
3. Research paper titled 'Saul Bellow's *The Dean December*: Women as Vampires, Nurturers and Figures of Male Fantasy' published in Maharishi Dayanand University Research Journal (Arts) ISSN : 0972-706X, Vol.5, No.2, October 2006.
4. Research paper titled 'Derrida's Deconstruction: A Critique' published in Kurukshetra University Research Journal (Arts and Humanities) ISSN : 0454-6952, 2007.
5. Research paper titled 'Primitivism in the Poetry of Ted Hughes' published in Kurukshetra University Research Journal (Arts and Humanities) ISSN : 0454-6952, 2012.
6. Research paper titled 'The Development and Decline of Formalist Criticism' published in Kurukshetra University Research Journal (Arts and Humanities), Vol. XLVII 2013 (Part-III) ISSN 0454-6952.

**Sh. Mahavir Singh**

1. Paper titled 'The Soldier Defeats Enemy but System Defeats the Soldier in Ernest Hemingway's Works' in June 2014, Volume-1, Issue-5 (page 46-49) of International Journal of Research (IJR). ISSN: 2348-6848.
2. Research Paper titled 'Impact of War on the Soldiers' Psyche in Ernest Hemingway's *A Farewell to Arms*' in April 2015, Volume-2, Issue-3 (page 291-298) of International Journal of Research (IJR). ISSN: 2348-6848 and Impact Factor 3.541.



3. Research Paper titled 'Military Humour in Hemingway's War Novels' in Volume-3, Issue-9 (page 254-259) of International Journal of Research (IJR). ISSN: 2348-6848 and Impact Factor 3.541.

**Sh. Bhupender Kumar**

1. Research paper titled 'Individual Vs Society : A Critical Study of George Orwell's 1984' in an International Journal of Research UPSTREAM, Issue 11, July 2014, ISSN 2320:768X.

**Ms. Aastha Bhatia**

1. An article titled 'Traditional vs. Modern Heroines in the Novels of Kamala Markandya' published in the book 'Indian Women's Writing : From Shadow to Revolt' edited by Sonia Soni, ISBN 978-81-8455-517-2, Omega Publishers, 2014.

**Papers Presented**

**Dr. Neena Arora**

1. Presented research paper New Literary Paradigms in Feminist, Postcolonial and Minority Literature at GSSDGS, Khalsa College, Patiala on 26-27<sup>th</sup> March, 2010.
2. Presented research paper Commitment in Non-Fictional Novel Apropos of Truman Capote's In Cold Blood at Dept. Of English, C.R.A. PG College, Sonapat on 31<sup>st</sup> October and 1st November, 2010.
3. Presented research paper Problems and Challenges of English Studies P.G.Level: A Postcolonial Perspective at RKSD PG College, Kaithal on November 20, 2010.
4. Presented research paper Emergence of Postcolonial Literature and Theory and the Need for Further Evolution at Department of English, Dyal Singh College, Karnal on February 11-12, 2011.
5. Presented research paper The Significance of Chorus in Mahesh Dattani's The Final Solution at Apeejay College of Fine Arts, at Jalandhar on 4-5 March 2011.
6. Presented research paper Postcolonial Literature in the Perspective of Globalisation at Department of English, RKSD PG College, Kaithal on March 20-21, 2012.
7. Presented a paper on 'Reciprocity of Relations : A Study of Shakespeare's Tempest' in a three-day International Seminar on 'Republic in Shakespeare' organized by the Shakespeare Association of India and the Department of English, Jammu University, Jammu on Oct. 16-18, 2013.
8. Presented a paper on 'Historicising the City : A Post-colonial Review of Khushwant Singh's Delhi' in a two-day National Seminar organized by Department of English, Dyal Singh College, Karnal in association with the Shakespeare Association of India ' Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' on Feb. 2-3, 2014.
9. Presented a paper in a three-day International Seminar on 'Validity of Translation apropos of Shakespeare's Othello' organized by the

Shakespeare Association of India and Department of English, V.N. University, Jodhpur on Nov. 17-19, 2015.

**Ms. Poonam Singla**

1. Presented research paper 'Feminist Concerns in Shashi Deshpande's That Long Silence' at Guru Nanak Girls College, Santpura, Yamunanagar on December 1-2, 2010
2. 'Raja Rao's Kanthapura—A Study of Atrocious Colonialism' in National Seminar on 'Commitment in Post-Colonial Literature and Theory' at Department of English, Dyal Singh College, Karnal on Feb. 11-12, 2011.
3. Presented research paper 'The Goddess Imagery in Bharti Mukherjee's Jasmine' at D.A.V. P.G. College, Karnal on March 12, 2011.

**Sh. Dinesh Kumar**

1. Presented research paper 'Feministic Perspectives in Anita Desai's novel Voices in the City' at Guru Nanak Girls College, Santpura, Yamunanagar on December 1-2, 2010.
2. Presented paper titled 'Frantz Fanon and the Psycho-Pathology of Colonialism' at two-day, U.G.C. Sponsored Seminar at Dyal Singh College, Karnal on Feb. 11-12, 2011
3. Presented Paper titled, 'G.B.Shaw's Feministic Approach' at two-day, H.E.C. Sponsored National Seminar on November, 29-30, 2011 at Hindu Girls College, Jagadhari.
4. Presented paper titled, 'Feministic Perspectives in Indian Literature' in one day H.E.C. sponsored National Seminar on March, 12, 2011 at D.A.V. P.G. College, Karnal.
5. Presented paper titled 'Immigrant Experience in Bharti Mukherjee's Fiction' in one day H.E.C. sponsored National Seminar on Feb. 18, 2012 at K.V.A.D.A.V. College for Women, Karnal.
6. Presented paper titled 'Human Rights and Women' in one day National Seminar on Nov. 28, 2011 at Hindu Girls College, Sonapat.
7. Presented paper titled 'Immigrant Experiences in Bharti Mukherjee's Fiction' in at one day H.E.C. sponsored National Seminar on Indian Diasporic Writing at K.V.A.D.A.V. College for Women, Karnal on Feb. 18, 2012.
8. Presented paper titled 'Grammar Translation Method as an Indispensable Approach in Semi-Urban and Rural Areas as English Teaching Method' in two day H.E.C. sponsored National Seminar at Dayanand Mahila Mahavidyalaya, Kurukshetra on 29-30-Jan, 2014
9. Presented paper titled 'Streak of Colonialism in Frantz Fanon's Fiction' in one day D.G.H.E. National Seminar at K.V.A.D.A.V., College for Women, Karnal on Feb. 7, 2014.
10. Presented paper titled 'Post -Colonialism in Indian Writing in English' in one day DGHE sponsored National Seminar at Janta College, Kaul on 25-03-2014.
11. Presented paper titled 'Theme of Partition in Indo-Anglian Fiction' in one day DHE sponsored National Seminar at Maharaja Aggarwal Mahavidyalaya, Jagadhri on February 19, 2016.

12. Presented paper titled 'Partition Theme in the Fiction of Chaman Nahal's Azadi and Khushwant Singh's Train to Pakistan' in one day DHE sponsored National Seminar at Chotu Ram Arya College, Sonipat on February 28, 2016.
13. Presented paper in one-day National Seminar, titled 'Awareness of Red Cross in Modern Age' at S.A. Jain College, Ambala City on March 19, 2016.

**Dr. Ritu Sharma**

1. Presented research paper 'Indian Diasporic Writers : Living on the Margin of Two Societies' in National Seminar on Indian Diasporic Writing : Theory and Discourse at Govt. College, Ambala Cantt on 28<sup>th</sup> Feb. 2006.
2. Presented research paper 'Why No to English?' in National Seminar on Teaching and Learning Experience of English : Problems and Prospects at Govt.College,Ambala Cantt on 23-24<sup>th</sup> March, 2007.
3. Presented research paper 'Changing Face of English Studies' in the DHE Haryana sponsored State Level Seminar 'The State of English in Haryana : A Post Colonial Review' at RKSD College, Kaithal on November 20, 2010.
4. Presented research paper 'Horrors of Colonialism and Capital Exploitation: A Study of Amitav Ghosh's The Glass Palace' in National Seminar on 'Commitment in Post-Colonial Literature and Theory' organized by Department of English,Dyal Singh College, Karnal on February 11-12, 2011.
5. Presented research paper 'The Goddess Imagery in Bharati Mukherjee's Jasmine' in National Seminar on 'World English Literature vis-a-vis Gender Discrimination' at D.A.V. College, Karnal on March 12, 2011.
6. Research paper 'James's The Portrait of a Lady : A Study in Affluence and Leisure' accepted for presentation at IJAS International Conference for Academic Disciplines at Toronto, Canada, May 21-24, 2012.
7. Presented research paper 'Family and Social Change in Edith Wharton's The House of Mirth' in International Seminar on Edith Wharton in Florence at Florence, Italy on 6-8<sup>th</sup> June, 2012.
8. Presented a paper in the International Seminar 'Emerging Trends in Contemporary Literature' organized by University College, Kurukshetra University on March 16, 2016, title of the paper is 'The Feminist and Religious Aspects in Bharti Mukherjee'.
9. Presented a paper 'Shakespeare and His Times' in the International Seminar 'Shakespeare Through the Ages : A Historical Review' organized by Hindu Girls College, Jagadhari on April 22-23, 2016.

**Sh.Subhash Singh**

1. Presented research paper 'Feministic Perspectives in Anita Desai's Novel Voices in the City' in the International Seminar on World English Literature Vis—Vis Gender Discrimination held at DAV PG College, Karnal on March 12, 2011.

2. Presented research paper 'Female Exploitation in the long silence by Shashi Deshpande' in the National Seminar on Voice to the Voiceless : Reinterpreting Identity held at DAV College for Women, Karnal on Feb. 7, 2014.
3. Presented research paper 'Post Colonialism in Salman Rushdie's Midnight Children' in the National Seminar on Post Colonial : Reconstruction held at B.R. Janta College, Kaul on March 25, 2015.
4. Presented research paper 'Feministic Issues and Perspectives in Some Novels of Bharti Mukherjee' in the National Seminar on Indian English Literature, Emerging Issues and Challenges held at CRA College, Sonapat on Feb. 28, 2016.
5. Presented research paper 'Thoughts of Bhagat Singh' in National Seminar on Contribution of Martyrs in Freedom Struggle held at GNK College Karnal on March 12, 2016.
6. Presented research paper 'Problems of Deprivation-Dalit in Arundhati Roy's The God of Small Things' in the International Seminar on Emerging Trends in Contemporary Literature held at Department of English, University College, K.U.Kurukshetra on March 16, 2016.

**Dr. Jyotsna Grewal**

1. Presented research paper 'Dialectics of Diaspora in Chitra Banerjee Divakaruni's Arranged Marriage' in the National Seminar on 'Indian Diasporic Writing : Theory and Discourse' at Govt. College, Ambala Cantt on 28 Feb., 2006.
2. Presented research paper 'Relevance of Communicative Grammar in Professional Colleges' in the National Seminar on 'Teaching and Learning Experience of English : Problems and Prospects' at Govt. College, Ambala Cantt. on 23-24 March, 2007.
3. Presented research paper 'Relevance of Teaching English in the Colleges' in the National Seminar on 'Effective Teaching of English in Colleges : Need of the Hour' at S.D.College, Ambala Cantt on 25 March, 2009.
4. Presented research paper 'Teaching of English and Higher Education : Problems and Prospects' in the National Seminar on 'Problems of Teaching of English in Colleges' at D.A.V.College, Sadhaura (Yamunanagar) on 25 Sept 2010.
5. Presented research paper 'Questioning 'Post': (Post) Colonial India and English Studies' in the State Level Seminar on 'The State of English Studies in Haryana: A Postcolonial Review' at RKSD PG College, Kaithal on 20 Nov. 2010.
6. Presented research paper 'Eco-feminism in Kalidasa's Abhijanasakuntalam' in the National Seminar on 'Feminism in Indian Literature' at Guru Nanak Girls College, Santpura, Yamunanagar on 1<sup>st</sup> and 2 December 2010.
7. Presented research paper 'Spivak, Subalternity and Mahesh Dattani's 'Final Solutions' in National Seminar on 'Commitment in Post-Colonial Literature and Theory' Department of English, at Dyal Singh College, Karnal on February 11-12, 2011.

8. Presented research paper 'Vibrations of Discord and Female Desire : A Study of Mahesh Dattani's Dance Like a Man' in National Seminar on 'World English Literature vis-a-vis Gender Discrimination' at D.A.V. P.G. College, Karnal on March 12, 2011.
9. Presented research paper 'G.B.Shaw's Feministic Approach' in National Seminar on Reinterpreting Bernard Shaw: A Postmodern Scrutiny at Hindu Girls College, Jagadhari on 29-30 November, 2011.
10. Presented research paper 'Beyond Love and Nature : Worldly Wisdom in Kalidasa's 'Meghdootam' in National Seminar on Indian Literatures in Translation at G.N.K. College, Yamunanagar on 10-11 Feb. 2012.
11. Presented research paper 'Teaching of English, Personality Development and Communication Skills' in National Seminar on Communication Skills in English at Govt. College for Girls, Panchkula on 14 Feb. 2012
12. Presented research paper '(Re)Creating Subalternity : Separate Spheres in the Poetry of Eunice de Souza' in National Seminar on Indian Writings in English at Govt. College, Sector 14, Gurgaon on 16-17 Feb 2012
13. Presented research paper 'Indian Diasporic Writing : Looking Back' in National Seminar on Indian Diasporic Writing at KVA DAV College for Women, Karnal on Feb. 18, 2012
14. Presented research paper 'Portrayal of Females in the Selected Writing in Chitra Banerjee Divakaruni' in International Seminar on World Women's Writing : An Overview at Hindu Girls College, Jagadhari on 7-9 November, 2012.
15. Presented a paper on 'Status of Women in Indian Society' in two days ICSSR sponsored National Seminar organized by NSS units and Women Cell, Hindu Girls College, Jagadhri on March 29-30, 2013.
16. Presented a paper on the topic 'Literature and Life' organized by Dayanand Mahila Mahavidyalaya, Kurukshetra on Jan. 29-30, 2014.
17. Presented a paper on 'Representation of History in Amitav Ghosh's The Shadow Lines' organized by Dyal Singh College, Karnal on February 02-03, 2014.
18. Presented a paper on the topic 'Voice of Subaltern in the works of Harold Pinter' organized by KVADAV College for Women, Karnal on Voice to the Voiceless : Reinterpreting Identity on Feb. 7, 2014.
19. Presented a paper titled 'Significance of Communication Proficiency in the World of Technology' organized by Kanya Mahavidyalaya, Jalandhar on Aug. 29-30, 2014.
20. Presented a paper titled 'In Search of Roots for the Uprooted : A Study of Naipaul's A House for Mr Biswas' organized by DAV College for Girls, Yamuna Nagar on 'Dynamics of Discord in Indian Diasporic Writing' on Jan. 8-10, 2015.
21. Presented a paper on the topic 'Shobha De's Starry Nights : A Call for Women Liberation' organized by Maharaja Agrasen Mahavidyalaya, Jagadhri on 'Salient Undercurrents in the Post-Independence Indian Fiction in English' on Feb. 19, 2016.

22. Presented a paper titled 'Portrayal of Women in Literature and Cinema' organized by Rajiv Gandhi Govt. College, Saha on Nov. 5, 2015.
23. Presented a paper on 'Predicament of Blacks in America : A Study of Ralph Ellison's Invisible Man' organized by Department of English, University College, Kurukshetra on March 16, 2016.

**Sh. Mahavir Singh**

1. Presented research paper 'Problems of Teaching English in Rural Colleges of Haryana' at D.A.V.College, Sadhaura on 25 Sept. 2010.
2. Presented research paper 'Realistic Treatment of War in Ernest Hemingway's A Farewell to Arms' at CRA PG College, Sonapat on 31 Oct and 1 Nov 2010.
3. Presented research paper 'British Imperialism : A Blot on Indian Dignity in Mulk Anand's Coolie' at Department of English,Dyal Singh College,Karnal on February 11-12, 2011.
4. Presented a paper titled 'Communal Carnage in Khushwant Singh's *Train to Pakistan*' in HEC sponsored two-days National Seminar organized on Feb. 2- 3, 2014 by Department of English, Dyal Singh College, Karnal on the topic 'Historical Novel from Khushwant Singh to Amitav Ghosh: A Postcolonial Review.'
5. Presented a paper titled 'Challenges to Patriarchy by Indian Feminists' in DHE sponsored National Seminar organized on 07 Feb 2014 by Department of English, KVA DAV College for Women, Karnal on the topic 'Voice to the Voiceless: Re-interpreting Identity.'
6. Presented a paper titled 'Emancipation of the Woman in Shobha De's Novels' in ICSSR sponsored two-days National Seminar organized on 11-12 Apr 2014 by Ch. Kapoori Ram College of Education, Mahawati, Panipat on the topic 'Developing Strategies to Empower Rural and Unprivileged Women.'
7. Presented a paper titled 'Disruption of Igbo Ideals in *Things Fall Apart*' in Three Days International Seminar organized from 08 to 10 Oct 2014 by Department of English, KVA DAV College for Women, Karnal in collaboration with the Shakespeare Association, India on the topic 'Narratives of Nativism in World Literature in English: A Postcolonial Review.'

**Sh. Bhupender Kumar**

1. Presented research paper 'Frantz Fanon and the Psychopathology of Colonialism' at Department of English,Dyal Singh College, Karnal on February 11-12, 2011.
2. Presented research paper 'Feministic Perspectives in Indian Literature' at D.A.V. P.G. College, Karnal on March 12,2011.
3. Presented research paper 'Impact of Media on Culture' at APJ Saraswati Girls PG College, Charkhi Dadri on 15-16 February 2012.
4. Presented research paper titled 'Translated Works in Indian Writing in English' in one day National Seminar held on February 28, 2016 at CRA College, Sonapat.

**Ms. Aastha Bhatia**

1. Presented a paper on the topic 'Picture of Society in Times of Partition : A Study of Khushwant Singh's Train to Pakistan' in two-day DHE sponsored National Seminar on 'Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' organized by the Department of English, Dyal Singh College, Karnal and the Shakespeare Association, India on Feb. 2-3, 2014.
2. Presented a paper on the topic 'Assertion of the Self : Reinterpreting Identity in Anita Desai's Fire on the Mountain and Fasting, Feasting' in DHE sponsored National Seminar on 'Voice to the Voiceless : Reinterpreting Identity' organized by the Department of English, KVADAV College for Women, Karnal on Feb. 7, 2014.
3. Presented a paper on the topic 'Creative Narrative : Stream of Consciousness Technique in Virginia Woolf's To the Light House' in a UGC sponsored one-day National Seminar on 'Multidisciplinary Dimensions : English Literature' organized by the Department of English, KVADAV College for Women, Karnal on Jan. 24, 2015.
4. Presented a paper on the topic 'The light of Women in Anita Desai's Fiction : A Study of Fire on the Mountain and Fasting, Feasting' in DHE sponsored one-day National Seminar on Post-colonial Literature : Reconsideration' organized by Department of English, BAR Janta College, Kaul on March 25, 2015.
5. Presented a paper on the topic 'Existential Streak in the character of the Protagonists : A Study of Arun Joshi's The Foreigner and The Strange Case of Billy Biswas' in DHE sponsored National Seminar on 'Salient Undercurrents in the Post-Independence Indian Fiction in English' organized by Department of English, Maharaja Agrasen Mahavidyalaya, Jagadhari on Feb. 19, 2016.

**Ms. Asha Madan**

1. Presented a paper 'Pain of Partition : Train to Pakistan' in National Seminar in Maharaja Agrasen Mahavidyalaya, Jagadhari on Feb. 19, 2016.
2. Presented a paper 'Post-colonial in Chinua Achebe Novel Things Fall Apart' in the International Seminar organized by University College on March 16, 2016.

**Seminars Attended**

**Dr. Chander Kanta**

1. Participated in the DHE sponsored National Seminar on 'Voice to the voiceless : Re-interpreting Identity' organized by KVADAV College for Women, Karnal on Feb. 7, 2014.
2. Participated in a three-day conference on 'Margins, Globalization and the Post-colonial' on Feb. 20-22, 2014 organised by the Department of English and Cultural Studies, Punjab University Chandigarh and the Indian Association of Commonwealth Literature and Language Studies.

3. Participated in the International Seminar on ‘Narratives of Nativism in World Literature in English : A Post-colonial Review’ organized by KVADAV College for Women, Karnal on Oct. 8-10, 2014.

**Dr. Neena Arora**

1. Participated in the DHE sponsored National Seminar on ‘Voice to the voiceless : Re-interpreting Identity’ organized by KVADAV College for Women, Karnal on Feb. 7, 2014.
2. Participated in a three-day conference on ‘Margins, Globalization and the Post-colonial’ on Feb. 20-22, 2014 organised by the Department of English and Cultural Studies, Punjab University Chandigarh and the Indian Association of Commonwealth Literature and Language Studies.
3. Participated in the International Seminar on ‘Narratives of Nativism in World Literature in English : A Post-colonial Review’ organized by KVADAV College for Women, Karnal on Oct. 8-10, 2014.

**Ms. Poonam Singla:**

1. Participated in DHE sponsored one-day National Seminar on ‘Perspectives of Teaching of English in Multi-Lingual Context’ organized by MDS College, Ambala City on March 10, 2012.
2. Participated in a National Seminar on ‘Indian Diasporic Writing’ organized by KVADAV College for Women, Karnal on Feb. 18, 2012.
3. Participated in VI International Seminar on ‘The Republic in Shakespeare’ organized by the Department of English, University of Jammu and The Shakespeare Association, India from Oct. 16-18, 2013.
4. Participated in an International Seminar sponsored by DHE, Haryana on ‘Narratives of Nativism in World Literature in English : A Post-colonial Review’ organized by KVADAV College for Women, Karnal from Oct 8-10, 2014.
5. Participated in one-day National Workshop titled ‘Ensuring Quality through Multimedia Assisted Teaching and Learning’ organized by Internal Quality Assurance Cell of G.N.K. College, Yamuna Nagar sponsored by NAAC Bangalore on Feb. 15, 2016.
6. Participated in National Seminar on Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review’ organized by Dyal Singh College, Karnal on Feb. 02-03, 2014.

**Sh. Dinesh Kumar**

1. Attended one day National seminar on the topic Victorian Literary Epoch at BPS Mahila Vishwavidyalaya, Khanpurkalan on March 1, 2011.

**Dr. Ritu Sharma:**

1. Participated in an International Seminar on Intellectual Background of William Shakespeare organized by Dr Sarup Singh Chair, Department of English, K.U. Kurukshetra in collaboration with the Shakespeare Society of India, New Delhi on Oct. 9-11, 2006.
2. Participated in the State Level Seminar on ‘Haryana Ka Mahila Lekhan Evam Kavyitri Sammelan’ organized by Haryana Sahitya Academy jointly with KVADAV College for Women, Karnal on March 8, 2007.



3. Attended a UGC sponsored National Seminar on 'Dynamics of Federalism in India' organized by Department of Political Science, Dyal Singh College, Karnal on March 6-7, 2009.
4. Attended DHE sponsored National Seminar on 'Effective Teaching of English in Colleges: Need of the Hour' organized by P.G. Department of English, S.D. College (Lahore), Ambala Cantt. on March 25, 2009.
5. Attended DHE sponsored National Seminar on 'Emerging Issues in Commerce and Management' organized by Department of Commerce, Dyal Singh College, Karnal on Feb. 5-6, 2010.
6. Attended a National Seminar on 'Shakespear's Sonnets' organized by Dr. Sarup Singh Chair, Department of English, K.U. Kurukshetra on Feb. 13, 2010.
7. Attended an International Seminar on 'Democracy, Federalism and Peace : Experiences of India & Other Coutries', sponsored by ICSSR, New Delhi and DHE Haryana, organized by Department of Political Science, Dyal Singh College, Karnal on March 4-6, 2010.
8. Attended National Seminar on 'Dayanand, Arya Samaj & Indian Renaissance Organised by DAV College, Pundri on Sept. 25, 2010.
9. Attended a National Seminar on 'Ideological Evolution of Bhagat Singh' sponsored by UGC, New Delhi, organized by Departments of History and Political Science, Dyal Singh College, Karnal on Nov. 28-29, 2010.
10. Attended two-day National Seminar on Higher Education in India : Striving for Excellence organized by IQAC, K.U. Kurukshetra on Oct. 23-24, 2013.

**Sh. Subhash Singh:**

1. Attended a National Seminar on 'Dynamics of Federalism in India' organized by Dyal Singh College, Karnal on March 6-7, 2009.
2. Attended a National Seminar on 'English Language – Teaching Current Trends & Directions' organized by DAV College, Pehowa on March 20, 2009.
3. Attended a National Seminar on 'Effective Teaching of English in Colleges : Need of the Hour' organized by Department of English, S.D. College, Ambala Cantt. on March 25, 2009.
4. Attended a National Seminar on 'Defining Ambivalent Relationship of Sanskrit and English Language & Literature' organized by Department of English, S.D. College, Ambala Cantt. on Nov. 25, 2009.
5. Attended a National Seminar on 'Ideological Evolution of Bhagat Singh' organized by Dyal Singh College, Karnal on Nov. 28-29, 2010.

**Dr. Jyotsna Grewal:**

1. Attended a one day National Level Seminar organized by Department of English, S.A. Jain College, Ambala City on March 2, 2012.
2. Attended a one day workshop on 'Save the Girl Child' held on August 23, 2012 organised by the Women's Studies Research Centre, K.U. Kurukshetra.

3. Attended a one day Conference on 'Institutional Measures to Prevent Crime Against Women' held on Jan. 22, 2013 organised by the Women's Studies Research Centre, K.U. Kurukshetra.
4. Participated in one day National Workshop on 'Gender Sensitization for Social Equilibrium' at D.N. College, Kurukshetra on March 10, 2016.
5. Attended the Legal Awareness Programme organized by Women's Studies Research Centre, K.U.K. on October 6-7, 2016.

**Sh. Mahavir Singh:**

1. Attended three-day UGC sponsored National Seminar cum Workshop on 'Study of Biodiversity in Today's Perspective' from 10-12 March 2012 organized by Department of Zoology, Dyal Singh College, Karnal.

**Sh. Bhupender Kumar**

1. Attended a State Level Seminar titled 'Style in Indian Writing in English' held on January 29-30, 2010 at Hindu College, Sonapat

**Ms. Aastha Bhatia:**

1. Attended a two-day UGC sponsored National Seminar cum Workshop on 'Study of Biodiversity in Today's Perspective' organized by the Department of Zoology, Dyal Singh College, Karnal on March 10-12, 2012.
2. Attended a three-day DHE sponsored National Workshop on 'Review of Research Methods in Political Science' organized by the Department of Political Science, Dyal Singh College, Karnal on March 23-25, 2012.
3. Attended a one-day state level seminar on the topic 'Increasing Crimes against Women' organized by the Women Cell and Legal Literacy Cell, D.N. College, Kurukshetra on Feb. 8, 2013.

**Other Achievements:**

**Dr. Chandra Kanta:**

1. Worked as Coordinator in two day UGC sponsored National Seminar on 'Commitment in Post-colonial Literature and Theory' organized by Department of English on February 11-12, 2011 as part of the centenary celebrations of Dyal Singh College, Karnal.
2. Worked as Coordinator in DHE, Haryana sponsored National Seminar on 'Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' organized by Department of English on February 02-03, 2014 to mark the centenary year of an eminent Indian Writer Khushwant Singh.
3. Chaired a parallel session at DHE, Haryana sponsored National Seminar on 'Voice to the Voiceless : Reinterpreting Identity' on February 07, 2014 conducted by KVADAV College for Women, Karnal, Haryana and received a certificate of appreciation.
4. Chaired a parallel session at UGC sponsored one day National Seminar on 'Multidisciplinary Dimensions : English Literature organized by the Department of English, KVADAV College for Women, Karnal on Jan. 24, 2015.

5. Attended and participated in the Second Consultation meeting on the Drafting of State Higher Education Plan for Haryana, held on Jan. 25, 2016 at International Institute for Higher Education and Capacity Building, O.P. Jindal Global University, Haryana.
6. Chaired a session in International Seminar on 'Narratives of Nativism in World Literature in English: A Post-colonial Review' organized by KVADAV College for Women, Karnal on Oct. 8-10, 2014.
7. Acted as subject expert in the interview Board for the post of Lecturer in English at D A V P.G. College for last five years.

**Dr. Neena Arora:**

1. Acted as organizing Secretary in a UGC and DHE, Haryana sponsored three-day national seminar organized by Dyal Singh College, Karnal 'Commitment in Post-colonial Literature and Theory' on Feb. 11-12, 2011.
2. Acted as Organising Secretary in a two-day National Seminar organized by Department of English, Dyal Singh College, Karnal in association with the Shakespeare Association of India ' Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' on Feb. 2-3, 2014.
3. Chaired a parallel session at UGC sponsored one day National Seminar on 'Multidisciplinary Dimensions : English Literature organized by the Department of English, KVADAV College for Women, Karnal on Jan. 24, 2015.
4. Chaired a session in International Seminar on 'Narratives of Nativism in World Literature in English : A Post-colonial Review' organized by KVADAV College for Women, Karnal on Oct. 8-10, 2014.

**Ms. Poonam Singla**

1. Chaired a session in a UGC sponsored one day National Seminar on 'Multidisciplinary Dimensions: English Literature' organized by KVADAV College for Women, Karnal on Jan. 24, 2015.
2. Member, Organising Committee in National Seminar on Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' organized by Dyal Singh College, Karnal on Feb. 02-03, 2014.

**Sh. Dinesh Kumar**

1. Worked in capacity of Member, Organizing Committee at two-day UGC sponsored seminar at Dyal Singh College, Karnal on Feb. 11-12, 2011
2. Participated in three-week Refresher Course in English at Kurukshetra University, Kurukshetra from 04-12-13 to 24-12-13.
3. Presented an Extension Lecture on the topic Poetry: Changes in Traditions and Themes Through Ages at Mata Sundri Khalsa Girls College, Nissing on 04-02-2015.

**Dr. Ritu Sharma**

1. Acted as Subject Expert in the Interview Board for the post of Lecturer in English at Mata Sundri Khalsa Girls College, Nissing (Karnal) on 13.07.2007.
2. Acted as Subject Expert in the Interview Board for the post of Lecturer in English at Mata Sundri Khalsa Girls College, Nissing (Karnal) on 19.08.2008.

3. Acted as member of the Organising Committee in the National Seminar titled 'Commitment in Post-Colonial Literature and Theory' organized by Department of English, Dyal Singh College, Karnal on Feb. 11-12, 2011.
4. Participated in the Training Programme on Script Writing at NITTTR, Chandigarh on July 27-29, 2011.
5. Invited as Subject Expert to attend a meeting of Research Degree Committee of Mewar University, Chittorgarh at its camp office at Ghaziabad on 01.02.2012.
6. Acted as member of the Organising Committee in a two-day National Seminar organized by Department of English, Dyal Singh College, Karnal in association with the Shakespeare Association of India 'Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' on Feb. 2-3, 2014.
7. Acted as Subject Expert in the Interview Board for the post of Teachers in English at DAV Police Public School, Madhuban (Karnal) on 16.04.2014.
8. Acted as Subject Expert in the Interview Board for the post of Teachers in English at Maharana Pratap Public School, Kurukshetra on 01.04.2015.
9. Acted as Subject Expert in the Interview Board for the post of Teachers in English at DAV Police Public School, Madhuban (Karnal) on 06.10.2015.
10. Delivered an extension lecture 'The Monkey's Paw: Symbol of Desire and Greed' at Mata Sundri Khalsa Girls College, Nissing (Karnal) on 10.03.2016.

**Sh. Subhash Singh:**

1. Worked as CT/ANO in Unit No. 7 Haryana Battalion, NCC Army Wing since 01.09.2008 to 01.09.2010.
2. Acted as Member in a UGC and DHE, Haryana sponsored two-day national seminar organized by Dyal Singh College, Karnal 'Commitment in Post-colonial Literature and Theory' on Feb. 11-12, 2011.
3. Appointed as Supervisor regarding Socio-Economic and Caste Census in 2011.
4. Participated in short term course in 'Software Technology' from 20.10.2016 to 26.10.2016 at K.U. Kurukshetra.

**Dr. Jyotsna Grewal:**

1. Acted as member of the Organising Committee in National Seminar titled 'Commitment in Post-Colonial Literature and Theory' organized by Department of English, Dyal Singh College, Karnal on Feb. 11-12, 2011.
2. Acted as NSS Programme Officer w.e.f. 01.08.2012 to 31.07.2015.
3. Acted as member of the Organising Committee in a two-day National Seminar organized by Department of English, Dyal Singh College, Karnal in association with the Shakespeare Association of India 'Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' on Feb. 2-3, 2014.

4. Participated in NSS Day Celebrations organized by NSS Cell, Kurukshetra University on Sep. 24, 2014.
5. Participated in the Training Orientation Course for N.S.S. Programme Officers held from 10.07.2014 to 16.07.2014 at K.U. Kurukshetra.
6. Participated in the UGC sponsored Short Term Course in 'Soft Skills and Creative Writings' from 31.08.2015 to 05.09.2015 at Academic Staff College, K.U. Kurukshetra.

**Sh. Mahavir Singh**

1. Participated in three-week Refresher Course in English at Kurukshetra University, Kurukshetra from 14 Feb 2012 to 05 March 2012 and obtained grade 'A'.
2. Acted as an Invited Speaker on 16 Mar 2013 in ICSSR Sponsored two-day State Level Orientation-Cum-Workshop organized by Ch. Kapoori Ram College of Education, Mahawati, Panipat on the topic 'Faculty Empowerment to Meet the Challenges of NCF 2005, NCFTE 2009 and RTE.'
3. Worked in the capacity of Member, Organizing Committee in HEC sponsored two-days National Seminar organized on 02 and 03 Feb 2014 by Department of English, Dyal Singh College, Karnal on the topic 'Historical Novel from Khushwant Singh to Amitav Ghosh: A Postcolonial Review.'
4. Participated in three-week Refresher Course in English at Kurukshetra University, Kurukshetra from 20 Nov 2014 to 10 Dec 2014 and obtained grade 'A'.

**Sh. Bhupender Kumar**

1. Participated in three-week Refresher Course in English at K.U. Kurukshetra from 27 Nov 2012 to 17 Dec 2012.

**Ms. Aastha Bhatia**

1. Delivered an extension lecture on the topic 'How to prepare for interview' organized by the Placement Cell, Govt. College, Gharaunda on Oct. 17, 2012.
2. Member, Organising Committee in National Seminar on Historical Novel from Khushwant Singh to Amitav Ghosh : A Post-colonial Review' organized by Dyal Singh College, Karnal on Feb. 02-03, 2014.
3. Attended the Orientation Course at UGC Academic Staff College, Kurukshetra University, Kurukshetra from May 07 – June 03, 2014 and secured 'A' grade.

- \* Number of papers published in peer reviewed journals (national / international) by faculty and students **32**
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database , International Social Sciences Directory, EBSCO host, etc.) **Nil**
- \* Monographs **Nil**
- \* Chapter in Books **Nil**
- \* Books Edited **Nil**
- \* Books with ISBN/ISSN numbers with details of publishers **9**

**Dr. Chander Kanta**

1. **Protagonists in the Novels of Bernard Malamud published in 2007.**  
(University Book House, Jaipur).

**Dr. Ritu Sharma**

1. **'Responding Imaginations' from LAP, Germany, 2013. ISBN : 978-3-659-38439-4.**
2. **'Charles Bukowski's Ham on Rye and Women', from LAP, Germany, 2013. ISBN : 978-3-659-49766-7.**
3. **'Spiritual Experimentation for Buddhism in the West', from LAP, Germany, 2013. ISBN : 978-3-659-49588-5.**
4. **'Essential of Communication, Manav Rachna Publishing House Pvt. Ltd., 2013.**
5. **'Recreating the India of Imagination', from LAP, Germany, 2014. ISBN : 978-3-659-54391-3.**
6. **'Emerging Image of Women in Virginia Woolfs Novels' from LAP, Germany, in 2014. ISBN : 978-3-659-59397-7.**
7. **'Theme of Violence in Ted Hughes's Poetry: A Study of Selected Poems' from LAP, Germany, 2015. ISBN: 978-3-659-78158-2.**

**Dr. Jyotsna Grewal:**

1. **'Women in Saul Bellow: A Cultural Study', Jyoti Enterprises, New Delhi, 2014. ISBN : 978-81-89580-29-2.**

* Citation Index	Nil
* SNIP	Nil
* SJR	Nil
* Impact factor	32
* h-index	Nil
20. Areas of consultancy and income generated Nil
21. Faculty as members in
  - a) National Committees
    - **Dr. Chander Kanta** Life Member of ASRC, Hyderabad
    - **Dr. Neena Arora** Life Member of ASRC, Hyderabad
    - **Dr. Ritu Sharma** Life Member of ASRC, Hyderabad
  - b) International Committees Nil
  - c) Editorial Boards

**Dr. Neena Arora :**

1. **Dr. Neena Arora is a member of the Review Committee in the National refereed journal Ambrosia published by APJ College of Fine Arts, Mahavir Marg, Jalandhar. ISSN:2249-4499.**

**Sh. Dinesh Kumar :**

1. **Editor in an International Journal of Research, IJR. ISSN 2348-6848 with impact factor 3.85.**
2. **Member, Editorial Board in a Peer Reviewed International Refereed Index Journal, UPSTREAM. ISSN 2320-768X With Impact Factor 0.725**

22. Student projects
- Percentage of students who have done in-house projects including inter departmental/programme **Nil**
  - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **Nil**
23. Awards/ Recognitions received by faculty and students

**Dr. Neena Arora**

- Honoured by Manav Kalyan Mandal, Haryana on 21-02-2009.

**Dr. Ritu Sharma**

- Honoured by Manav Kalyan Mandal, Haryana on 21-02-2009.

**Ms Sakshi Punia, an alumnus is awarded Fullbright Scholarship (2016).**

24. List of eminent academicians and scientists/ visitors to the department

<b>Dr. D.D.S Sandhu</b>	<b>Former Vice Chancellor, K.U. Kurukshetra</b>
<b>Dr.Bhim S. Dahiya</b>	<b>Ex-Chairperson, Department of English and Ex-VC, K.U. Kurukshetra</b>
<b>Prof.Anand Prakash</b>	<b>Ex-Professor, Department of English, Hansraj College, Delhi</b>
<b>Prof. Shelly Walia</b>	<b>ExChairPerson Dept.of English PU, Chandigarh</b>
<b>Prof. Gulshan Kataria</b>	<b>Professor, Dept. of English, P.U. Patiala</b>
<b>Prof. Manjit Inder Singh</b>	<b>Professor, Dept. of English, P.U. Patiala</b>
<b>Prof. Tejinder Kaur</b>	<b>Professor, Dept. of English, P.U. Patiala</b>
<b>Prof. S. P. S. Dahiya</b>	<b>Professor, Department of English, MDU, Rohtak</b>
<b>Prof. Surinder Sangwan</b>	<b>Professor, Department of English, MDU, Rohtak</b>
<b>Prof. Dipti Dhimani</b>	<b>Professor, Department of English, CDLU, Sirsa</b>
<b>Dr. R. S. Walia</b>	<b>Associate Professor, Department of English, GNK College, Yamunanagar</b>
<b>Dr.Shashi Dhamija</b>	<b>Associate Professor, Department of Hindi, Arya Girls College, Ambala Cantt</b>
<b>Prof. Dr. Namvar Singh (Retd.)</b>	<b>Department of Hindi, JNU &amp; then Chancellor, M.G.I. University, Vardha</b>
<b>Sh. V.N Rai, IPS (Retd.)</b>	<b>Former D.G, Haryana Police, Madhuban and Director, National Police Academy, Hyderabad</b>
<b>Sh. Rohit Sardana</b>	<b>Journalist, Zee News</b>
<b>Sh. Sanjay Sahai</b>	<b>Film Maker</b>
<b>Ms. Anu Lather</b>	<b>Dept. of Management, I.P University, New Delhi</b>

25. Seminars/ Conferences/Workshops organized & the source of funding:

- International **Nil**
- National **02**

**1. National Seminar on ‘Commitment in Post-Colonial Literature and Theory’ on February 11-12, 2011 sponsored by University Grants Commission, New Delhi and D.H.E Haryana.**

**2. National Seminar on ‘Historical Novel from Khushwant Singh to Amitav Ghosh’ on February 2-3, 2014 sponsored by D.H.E Haryana.**

- State **Nil**

26. Student profile programme/course wise

Name of the Course/ Programme	2016-17			2015-16
	Applications received	Selected	Enrolled M F	Pass %age
B.A. I	1367	445	409 36	39.91
B.A.II	257	257	235 22	44.68
B.A. III	206	206	187 19	44.62
B.A. I (Hons.)	105	34	15 19	21.73
B.A. II (Hons.)	30	30	16 14	55.55
B.A. III (Hons.)	19	19	12 07	92.30
M.A. Previous	60	31	11 20	70.37
M.A. Final	24	24	05 19	69.56
B.Sc. I	1241	438	217 221	90.69
B.C.A. I	167	71	55 16	90.00

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (B.A)	99	1	0
PG (M.A.)	99	1	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, CA, CS, ICWA,etc? **25**

Every year, a large number of our Graduates in Science as well as Arts and Post-Graduates qualify the various competitive examinations .The Department of English plays a major role in honing their communication skills and linguistic abilities so that they qualify written examinations and fare well in group discussions, interactive sessions and interviews as well. To name some of our students like Ms. Aastha Bhatia, Ms. Kiran Kamboj, Ms. Mamta, Ms. Ruchika Kathuria, Ms. Nidhi Khatana, Ms. Sushma Sharma and Ms. Priya Datta qualified the UGC-NET examination.

29. Student progression

Student Progression	Against % enrolled
UG to PG	50
PG to M.Phil	10
PG to Ph.D	3
Ph.D to Post-Doctoral	Nil
Employed	
• Campus Selection	Nil
• Other than campus recruitment	50
Entrepreneurship/Self-employment	15



30. Details of Infrastructural facilities:
- **Library:**  
The college library serves as the main learning resource which provides reference books, journals, textbooks and other magazines, etc. There is a provision of separate reading room with open shelf system for the students pursuing PG course. The department room has its own departmental library for the use of faculty members as well as the students.
  - **Internet facilities for staff and students:**  
The department room is equipped with a computer and internet connection. Moreover, the college has Wi-Fi campus. So, the faculty and the students can access internet whenever and wherever required. Along with this facility, the library also has a separate section for internet users.
  - **Class Rooms with ICT facility:**  
Common facility has been provided by the college and is used for departmental seminars, extension lectures, conferences, etc.
  - **Laboratories:**  
A small language lab for M.A students.
31. Number of students receiving financial assistance from college, university, government or other agencies **Three hundred (300)**
32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts  
**Every year, the department organizes seminars and extension lectures for PG and Honours students.**
33. Teaching methods adopted to improve student learning  
**Interactive methods, seminars, quizzes, group discussions and tutorials.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities-  
**Active participation in NCC, NSS, Activities of Women Development Centre, Activities of Red Ribbon Club and other clubs and societies of the College and Annual Blood Donation Camp. Students also take active part in various competitions organized by other colleges.**
35. SWOC Analysis of the Department and Future plans: -  
**The department organized various academic activities in the past and proposes to do the same in future as well.**  
**Strengths :**
- The department has a highly qualified faculty with 4 Ph.Ds and 10 M.Phils and all the members are dedicated to both teaching and research.
  - Established in 1982, the Postgraduate Department is one of the oldest regular English Department of Kurukshetra University, Kurukshetra.
  - The students of the PG Department bag top positions in the University merit list. For example, in the session 2012-13, our students of M.A. Final (Semester III) bagged the 1<sup>st</sup> and the 3<sup>rd</sup> positions in the University. In M.A. II semester Ms. Sanjana Verma bagged 7<sup>th</sup> position. In the session 2013-14 Ms. Sanjana Verma of M.A. IV semester bagged 5<sup>th</sup> position in the University, Ms. Preeti Yadav of M.A. II semester bagged 8<sup>th</sup> position.

In the session 2014-15 Ms. Preeti Yadav of M.A. IV semester bagged 7<sup>th</sup> position in University. In the session 2015-16, Ms. Radhika of M.A. III semester stood 1<sup>st</sup> in the University. Ms. Tarun, Ms. Neha Rani, Ms. Sarita Devi, Ms. Suridhi and Ms. Kanika Bansal bagged 6<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> positions respectively. In the session 2015-16 itself, Ms. Radhika, Ms. Neha and Ms. Aanchal of M.A. IV semester bagged 3<sup>rd</sup>, 6<sup>th</sup> and 15<sup>th</sup> positions respectively.

- Ours is the only Department in Karnal to offer a three-year Honours course in English.
- A number of teachers in the Department present research papers in national and international seminars and are also invited as resource persons.
- The faculty being highly qualified and the environment being very conducive, there are healthy interactions on literary subjects and current issues.

#### Weaknesses

- As most of the students in the stream of Humanities are from the adjoining rural areas, they are not well-versed in English and the teachers have to begin from the basics despite the burden of the heavy syllabi.

#### Opportunities

- There are opportunities for enhancing the knowledge and capabilities by participating and presenting papers in national and international seminars and workshops.
- As the teachers of English come in contact with a large number of students, through literature, they can inculcate in them moral values and help them in growing up into good, responsible students.
- The department has the opportunities of enabling students to clear various competitive exams by developing their communication skills. Their interactions help them in group discussions, etc.
- Many of our students go in for post-graduate courses and are eventually placed in eminent positions.
- The department organizes seminars for post-graduate and Honours students and it helps them in developing their literary, creative and analytical abilities.
- Competitions like debates, declamations, poetical recitations and quiz are organized to boost the confidence and competitive spirit among the students.
- The students are also encouraged to participate in national seminars and workshops organized by the department.

#### Challenges:

- English being a compulsory subject, the teachers have to cope with the glaringly diverse levels of linguistic competence of the students

#### Future Plans

- To organize more and more programmes for communication skills.

## Evaluative Report of the Department of Genetics and Biotechnology

1. Name of the Department **Genetics and Biotechnology**
2. Year of Establishment **1981**
3. Names of Programmes / Courses offered  
(UG, PG, M.Phil., Ph.D., Integrated Masters;  
Integrated Ph.D., etc.) **UG**
4. Names of Interdisciplinary courses and  
the departments/units involved **Bioinformatics**
5. Annual/ semester/choice based credit  
system (programme wise) **Semester**
6. Participation of the department in the  
courses offered by other departments  
**Botany & Zoology**  
**Biotechnology, Chemistry**
7. Courses in collaboration with other  
universities, industries, foreign institutions **Nil**
8. Details of courses/programmes  
discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>01</b>	<b>03</b>
<b>Associate Professors</b>	-	-
<b>Assistant Professors</b>	<b>01</b>	<b>03 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization,  
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Specili- zation	No. of Years of Exper- -ience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr.V.K. Goyal</b>	<b>M.Sc., Ph.D., C.C. French</b>	<b>Associate Professor (Retd.)</b>	<b>Genetics</b>	<b>32</b>	<b>M.Phil. 4</b>
<b>Ms. Heena Sharma</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Bio- technology</b>	<b>02</b>	-
<b>Ms. Neha Kaushik</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Bio- technology</b>	-	-

11. List of senior visiting faculty

<b>Dr. R. Sahai</b>	<b>Former Director NBAGR, Karnal</b>
<b>Dr. Rattan Tiwari</b>	<b>Principal Scientist Biotechnology, IIWBR, Karnal</b>
<b>Dr. B.S. Tyagi</b>	<b>Principal Scientist Genetics, IIWBR, Karnal</b>

<b>Dr. Rekha Sharma</b>	<b>Scientist DNA Fingerprinting NBAGR, Karnal</b>
<b>Dr. D.K. Sadana</b>	<b>Principal Scientist DNA Fingerprinting NBAGR, Karnal</b>
<b>Dr. S.K. Singla</b>	<b>Principal Scientist Biotechnology, NDRI, Karnal</b>
<b>Dr. S.C. Gupta</b>	<b>Scientist and Asstt. Director ICAR, Karnal</b>
<b>Dr. R.K. Pundir</b>	<b>Scientist Genetics, NBAGR, Karnal</b>

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary **100%**
13. Student -Teacher Ratio (programme wise) **B.Sc. Genetics 54:1**  
**B.Sc. Bio-Technology 36:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
**Sanctioned 2 posts**  
**Filled 2 posts (contractual)**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.  
**Ph.D.-1 P.G.-2**
16. Number of faculty with ongoing projects from  
a) National  
**Dr. V.K. Goyal**  
**1. One minor research project titled 'Effect of *Tribulus terrestris* on Precipitation and Dissolution of Calcium Phosphate' sponsored by UGC for Rs. 1.6 lakhs (completed).**  
b) International funding agencies and grants received **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**
18. Research Centre /facility recognized by the University

**M.Phil Students Guided : 04**

**Dr. V. K. Goyal**

<b>Sr. No.</b>	<b>Name of Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Indu Rani</b>	<b>Isolation of Alkalophiles and Screening of Isolates for Proteases</b>	<b>Chaudhary Devi Lal University, Sirsa</b>	<b>2007</b>
<b>2</b>	<b>Pooja Khurana</b>	<b>Effect of <i>Tribulus terrestris</i> on Precipitation and Dissolution of Calcium Phosphate</b>	<b>Madurai Kamraj University, Madurai</b>	<b>2007</b>
<b>3</b>	<b>Varinder Kaur</b>	<b>Inhibition of In-Vitro Lipid Oxidation by Various Indian Spices</b>	<b>Chaudhary Devi Lal University, Sirsa</b>	<b>2008</b>
<b>4</b>	<b>Poonam</b>	<b>Studies on Citric acid Production using <i>Metschnikowia pulcherrima</i></b>	<b>Chaudhary Devi Lal University, Sirsa</b>	<b>2008</b>

19. Publications:

\* Publication per faculty –

**Papers published : 02**

**Presented :02**

**Papers published:**

**Dr. V. K. Goyal:**

1. Vijay Kumar Goyal, Neha Grover and Geeta Pahwa ‘ Impact of Environmental Change on Biodiversity’ Proceeding National Seminar Cum Workshop on ‘ Study of Biodiversity in Today’s perspective’ ISBN: 81-8045-088-0, March 2012, P. 26-31.
2. Vijay Kumar Goyal, Geeta Pahwa, Neha Grover’ Significance of Modern Food Biotechnology for Food Security’ National Seminar sponsored by University Grants Commission, New Delhi, Proceedings P.- 28-29 (2012).

**Papers Presented:**

**Dr. V. K. Goyal:**

1. Vijay Kumar Goyal, Geeta Pahwa, Neha Grover ‘Biofuels : A Promising Tool to Check Global Warming’ National Seminar, D.A.V. College, Ambala City.
2. Vijay Kumar Goyal, Geeta Pahwa, Neha Grover ‘Biodiesel: A Step towards Green Technology’ National Seminar, D.N. College, Hisar.

**Workshop/Seminar Attended:**

**Ms. Neha Kaushik:**

1. Attended a two-day Training on ‘Fluorescent in Site Hybridization’ on September 25-26, 2014 sponsored by Centre for Human Genetics organised by Central University of Punjab, Bathinda.
2. Attended one day workshop on ‘Model Organism in Molecular Genetics Research’ on March 21, 2016 sponsored by Centre for Human Genetics & Molecular Medicine organised by Central University of Punjab, Bathinda.
3. Attended one day workshop on ‘Water Quality and Health’ on February 11, 2015 organised by Central University of Punjab, Bathinda.
4. Attended one day seminar on ‘The Evolving Importance of Intellectual Property Right’ on January 30, 2016 organised by Central University of Punjab, Bathinda.
5. Participated as a volunteer in 15 days training course in ‘Medical Genetics and Bioinformatics’ sponsored by DBT at Central University of Punjab, Bathinda on March 9-23, 2016.

\* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

\* Monographs **Nil**

\* Chapter in Books **Nil**

\* Books Edited **01**

**Dr. V.K. Goyal**

1. Study of Biodiversity in Today’s Perspective published by R. Chand & Co., Delhi. ISBN: 81-8045-088-0

\* Books with ISBN/ISSN numbers with details of publishers **05**

**Dr. V. K. Goyal**

1. 'Effectual Biology' textbook for class XII of +2 stage Published by Jyoti Book Depot Pvt. Ltd. ISBN 91-8335-065-9.
2. 'Effectual Biology' textbook for class XI of +2 stage Published by Jyoti Book Depot Pvt. Ltd. ISBN 91-8335-064-0.
3. 'Effectual Biology' textbook for class X according to continuous and comprehensive evaluation scheme Published by Devjyoti Books Depot Pvt. Ltd. ISBN 91-80781-21-0.
4. 'Effectual Biology' textbook for class IX according to continuous and comprehensive evaluation scheme Published by Devjyoti Books Depot Pvt. Ltd. ISBN 93-80781-24-5.
5. 'Effectual Science Physics Chemistry Biology' CCE formative assessments & practical book Published by Devjyoti Books Depot Pvt. Ltd.

- \* Citation Index **Nil**
- \* SNIP **Nil**
- \* SJR **Nil**
- \* Impact factor **Nil**
- \* h-index **Nil**
- 20. Areas of consultancy and income generated **Nil**
- 21. Faculty as members
  - (a) National committees **Nil**
  - (b) International Committees **Nil**
  - (c) Editorial Boards **Nil**
- 22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/ programme **100**
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **33**
- 23. Awards/ Recognitions received by faculty and students **Nil**
- 24. List of eminent academicians and scientists/ visitors to the department

<b>Dr. R. Sahai</b>	<b>Former Director NBAGR, Karnal</b>
<b>Dr. Rattan Tiwari</b>	<b>Principal Scientist Biotechnology, IIWBR, Karnal</b>
<b>Dr. B.S. Tyagi</b>	<b>Principal Scientist Genetics, IIWBR, Karnal</b>
<b>Dr. Rekha Sharma</b>	<b>Scientist DNA Fingerprinting NBAGR, Karnal</b>
<b>Dr. D.K. Sadana</b>	<b>Principal Scientist DNA Fingerprinting NBAGR, Karnal</b>
<b>Dr. S.K. Singla</b>	<b>Principal Scientist Biotechnology, NDRI, Karnal</b>
<b>Dr. S.C. Gupta</b>	<b>Scientist and Asstt. Director ICAR, Karnal</b>
<b>Dr. R.K. Pundir</b>	<b>Scientist Genetics, NBAGR, Karnal</b>

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National **02**

- UGC sponsored National Seminar on Role of Biotechnology in Environmental Management on Jan 12-13, 2008.
- UGC sponsored National Seminar cum Workshop on Study of Biodiversity in Today's Perspective on March 11-13, 2012.

b) International **Nil**

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16	
	Applications received	Selected	Enrolled *M *F		Pass %age
B.Sc. I Genetics	37	22	06	16	80.00
B.Sc. II Genetics	13	13	06	07	100.00
B.Sc. III Genetics	12	12	08	04	100.00
B.Sc. I Bio Tech	71	21	09	12	86.60
B.Sc. II Bio Tech	14	14	06	08	94.11
B.Sc. III Bio Tech	21	21	08	13	95.45

\*M=Male, F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc.	96	4	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **04**

29. Student progression

Student progression	Against % enrolled
UG to PG	85
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	10
• Other than campus recruitment	
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities

a. **Library**

Biotechnology and Genetics department has library having 80 text-books and 20 reference books. The books are issued to the students. Mr. Sunil Kumar is the incharge of departmental library. The students and faculty members also consult the main library having more than one thousand books on the subject.

b. **Internet facilities for Staff & Students**

Wi-Fi network and broad band connection under ICT plan is available in the department.

- c. **Class rooms with ICT facility**  
**In laboratory multi media projector linked with Wi-Fi enabled laptop is available for viewing of multi-media literature.**
- d. **Laboratories**  
**The department has two laboratories, one inoculation chamber with laminar flow and one store for chemicals.**
31. Number of students receiving financial assistance from college, university, government or other agencies **10**
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
- **The department organized two UGC sponsored seminars**
    - **Seminar on ‘Role of Biotechnology in Environment Management’ on January 12-13, 2008**
    - **Seminar cum Workshop on ‘Study of Biodiversity in Today’s Perspective’ on March 10-12, 2012.**
  - **The department organized various extension lectures by inviting eminent educationist of the field listed above.**
  - **Organized educational tours to various research organizations like NDRI, NBAGR, IIWBR, IARI etc.**
33. Teaching methods adopted to improve student learning-  
**Audio Visual Aids and EDUSAT Lectures**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities  
**The students participate in social work of the society as N S S volunteers and teach the public regarding environmental awareness and social problems like role of khap panchayats, paternity disputes and problems due to genetic disorders.**
35. SWOC analysis of the department and Future plans
- Strengths**
- **Biotechnology and Genetics are the subjects of current research.**
  - **In-house projects for the students of B.Sc. III.**
- Weaknesses**
- **Lack of permanent faculty for biotechnology.**
- Opportunities**
- **To tap funding opportunities from the various agencies.**
  - **To organize seminars.**
- Challenges**
- **To upgrade and modernize the laboratory.**
  - **To make the courses more attractive to the students at the entry level.**
- Future plans**
- **More seminars for the students for awareness in placements and personality development.**
  - **Upgradation and modernization of laboratories.**
  - **Subscriptions of more journals and periodicals.**
  - **To further enrich the database of alumni.**



## Evaluative Report of the Department of Geography

- |   |                              |
|---|------------------------------|
| 1. Name of the Department   | <b>Geography</b>             |
| 2. Year of Establishment  | <b>1949</b>                  |
| 3. Names of Programmes / Courses offered<br>(UG, PG, M.Phil., Ph.D., Integrated Masters;<br>Integrated Ph.D., etc.) | <b>UG</b>                    |
| 4. Names of Interdisciplinary courses and<br>the departments/units involved   | <b>Nil</b>                   |
| 5. Annual/ semester/choice based credit system<br>(programme wise)  | <b>Semester</b>              |
| 6. Participation of the department in the<br>courses offered by other departments                                   | <b>Environmental Studies</b> |
| 7. Courses in collaboration with other<br>universities, industries, foreign institutions                            | <b>Nil</b>                   |
| 8. Details of courses/programmes<br>discontinued (if any) with reasons  | <b>Nil</b>                   |
| 9. Number of Teaching posts   |                              |

	Sanctioned	Filled
<b>Faculty</b>	<b>04</b>	<b>04</b>
<b>Associate Professors</b>	<b>03</b>	<b>03</b>
<b>Assistant Professors</b>	<b>01</b>	<b>01</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualifi- cation	Design- ation	Specilization	No. of Years of Exper- -ience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Ms. Manishaa Sharma</b>	<b>M.Sc., M. Phil.</b>	<b>Associate Professor</b>	<b>RS, GIS</b>	<b>27</b>	<b>-</b>
<b>Sh. Sanjay Kumar</b>	<b>M.Sc., M. Phil.</b>	<b>Associate Professor</b>	<b>Urban Ecology</b>	<b>26</b>	<b>-</b>
<b>Sh. Rajpal Singh</b>	<b>M.Sc., M. Phil.</b>	<b>Associate Professor</b>	<b>Political Geography</b>	<b>26</b>	<b>-</b>
<b>Sh. Tejpal</b>	<b>M.Sc., M.Phil.</b>	<b>Assistant Professor</b>	<b>RS, GIS</b>	<b>3</b>	<b>-</b>

11. List of senior visiting faculty

<b>Sh. J.S. Kaliaana</b>	<b>Principal (Retd.) and Member Governing Body, Dyal Singh College, Karnal</b>
<b>Dr. Omvir Singh</b>	<b>Professor, Department of Geography, K.U. Kurukshetra</b>
<b>Dr. Shantnu Patnaik</b>	<b>Professor, Department of Geography, Rajiv Gandhi Central University, Itanagar</b>
<b>Dr. Ramesh S Hooda</b>	<b>Chief Scientist, Haryana Space Applications Centre, CCS Haryana Agricultural University Campus, Hisar</b>
<b>Dr. Manoj Mishra</b>	<b>Associate Professor, University College, K.U. Kurukshetra</b>
<b>Sh. Tirlok Bhardwaj</b>	<b>Scientist National Physical Laboratory Delhi</b>

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty **25**

13. Student -Teacher Ratio (programme wise) **62 : 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
**Sanctioned 2**  
**Filled 2**

**(1 permanent and 1 on contractual basis)**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.  
**M. Phil.- 4**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**

18. Research Centre /facility recognized by the University **Nil**

19. Publications:

\* Publication per faculty

**Paper Published :14**

**Paper Presented : 33**

**Papers Published :**

**Sh. Tejpal**

1. Tejpal, 'Southwestern Region Lags Behind in Farm Growth: Study', The Tribune, Haryana Plus, Chandigarh, March 18, 2011, p 3.

2. Tejpal, Ms. Manju Sharma and Dr. M.S. Jaglan, 'Significance of Geospatial Technology and Status of Its Education and Training in India', International Journal of Geomatics and Geosciences, Vol. 2 (3), 2012, pp 730-737.

3. Tejpal, Ms. Manju Sharma and Dr. S.P. Kaushik, 'Socio-economic Characteristics of Slum Dwellers in Kurukshetra City', Journal of People and Society of Haryana, Vol. 2 (2), 2012, pp 9-22.

4. Tejpal, Dr. M.S. Jaglan, 'Irrigation Development and Groundwater Resource Depletion in Southwestern Haryana' Punjab Geographer, Vol. 8 (1), 2012, pp 60-75.

5. Tejpal, 'Health Problems among Extractive Industry Workers: A Synoptic Review' *Vision (Research Journal of Education)*, Vol. 3 (2), 2012, pp 96-108.
6. Tejpal, 'Relief Analysis of a Small Watershed in Lower Siwalik and Piedmont Zone of Haryana and Punjab', *Indian Journal of Spatial Science*, Vol. 4 (1), 2013, pp 9-20.
7. Tejpal, 'Impact of Mining Activities on Landuse/ Land Cover and Surrounding Environment: A Case Study of Faridabad Block, Haryana', *Eastern Geographer*, Vol.19 (1), 2013, pp 127-136.
8. Tejpal, Yogender Kumar and Dr. Manoj Kumar, 'Mapping and Monitoring of Land Transformation due to Urban Sprawl in Rewari City', *International Journal of Remote Sensing and Geosciences*, Vol. 2 (4), 2013, pp1-6.
9. Tejpal, Dr. Omvir Singh, Dr. M.S. Jaglan and Dr. Sunil Kumar, 'GIS Based Morphometric Characterization of Tangri Watershed in Lower Shivalik and Piedmont Zone of Haryana', *Hydrology Journal*, Vol. 35 (3-4), 2012, 32-48.
10. Tejpal, Dr. M.S. Jaglan and Dr. B.S. Chaudhary, 'Geo-environmental and Socio-economic Impacts of Mining of Construction Material: A Review of Literature', *Punjab Geographer* Punjab Geographer, Vol. 9 (1), 2013, pp 17-60.
11. Tejpal, Dr. M.S. Jaglan and Dr. B.S. Chaudhary, 'Geo-environmental Consequences of River Sand and Stone Mining: A Case Study of Narnaul Block, Haryana' *Transactions, Indian Institute of Geographers*, Vol. 36 (2), 2014, pp 217-232.
12. Tejpal, 'Monitoring Ecological Health of Dohan Watershed in Aravalli Hills of Rajasthan and Haryana', *Punjab Geographer* Vol. 10 (1), 2014, pp 3-22.
13. Tejpal, Dr. M.S. Jaglan, Dr. Omvir Singh and Dr. Sunil Kumar, 'Study of Groundwater Potential in Tangri Watershed: A Geo-Morphometric Approach', *The Deccan Geographer*, Vol. 53 (1), 2015, pp 85-97.
14. Tejpal, Dr. Omvir Singh and Jagdeep Singh, 'Farmers' Perceptions and Satisfaction Levels on the Performance of Watershed Development Activities in the Morni Hill area of the Siwalik Himalayas in India', *Human Ecology*, Vol. 44 (1), 2016, pp 91-104.

**Papers Presented:**

**Sh. Sanjay Kumar**

1. Presented paper on 'Bio-Diversity A Hot Spot' in National Seminar cum Workshop on Study of Bio-Diversity in Today's Perspective in Dyal Singh College, Karnal on March 11-13, 2012.

**Sh. Rajpal Singh**

1. Presented paper on 'Indian Geography : 'The Emerging Vistas' XXVI Indian Geography Congress. National Association of Geography, India (NAGI) at Department of Geography, MDU, Rohtak. 05-07 Nov. 2004.

2. Presented paper in National Seminar on 'Chemistry : A Modern & Innovative Tool' at Govt. Madhav Science P.G. College, Ujjain (M.P.) on 4 -5 March, 2011.
3. Presented paper on 'Bio-Diversity A Hot Spot' in National Seminar cum Workshop on Study of Bio-Diversity in Today's Perspective in Dyal Singh College, Karnal on March 11-13, 2012.

**Sh. Tejpal**

1. Impact of Stone Mining on Land Transformation Using Geospatial Technology: A Case Study of Arravalli Region of Haryana. National Seminar on Application of Geospatial Technology in Teaching and Research, organized by Rajkiya Kanya Mahavidyalaya, Shimla (H.P) on February 27-28, 2011.
2. Analysis of Wasteland and its Dynamics Using Multi-Temporal Satellite Images in Rewari District. National Seminar on Application of Remote Sensing and GIS in Geography, organized by Kishan Lal Public College, Rewari on March 04-05, 2011.
3. Training and Educational Opportunities to Enhance Knowledge Base and Skills in Geospatial Technology. National Seminar on Application of Remote Sensing and GIS in Geography, organized by Kishan Lal Public College, Rewari on March 04-05, 2011.
4. Quarrying Activities and Environmental Degradation in Aravalli Region of Haryana and Delhi. 12<sup>th</sup> National Conference of Association of Punjab Geographers, organized by Department of Geography, Himachal Pradesh University, Shimla on October 8-9, 2011.
5. Environmental Problems Due to Quarrying Activities in Aravalli Region of Haryana. UGC funded National Seminar on Problems and Management of Environmental degradation in North-East India, organized by Sibsagar Girls College, Sivasagar, Assam on October 14-15, 2011.
6. Mapping and Monitoring of Land Transformation Changes due to Urban Sprawl in Rewari City. 33<sup>rd</sup> Indian Geography Congress of National Geographical Association of India (NAGI), organized by Department of Geography, The University of Burdwan, Barddhaman, West-Bengal on November 11-13, 2011.
7. Consequences of Urban Growth: Case Faridabad district of Haryana. 2<sup>nd</sup> International Seminar on Dynamics of Urban Growth and its Impact on Good Governance: An Evaluation, organized by Institute for Spatial and Environment Research, India, Panchkula on November 18-20, 2011.
8. Role of Geospatial Technology in Efficient Urban Planning in India. DHE Sponsored National Seminar on Rapid Phase of Urbanization-An Alarm for the Future, organized by SUS. Govt. College, Matak Majri, Indri (Karnal) on February 10, 2012.
9. Climate Change and its Impacts on Agriculture: A Case Study of Haryana. DHE Sponsored National Seminar on Climate Change and its Impact on Resource, organized by Govt. College, Naraingarh (Ambala) on February 11, 2012.

10. **Socio-Economic Conditions of Slum Dwellers in Kurukshetra City, DHE Sponsored National Seminar on Challenges of Environment, organized by Rajiv Gandhi Government College, Saha (Ambala) on February 18, 2012.**
11. **Energy from Waste- An Experiment. DHE Sponsored, National Seminar on Environment Degradation: Issues and Remedies, organized by Dayanand P.G. College, Hisar on February 28, 2012.**
12. **Agricultural Development and its Impacts on Groundwater Resources in Southwestern Haryana. DHE Sponsored National Seminar on Population Environment Interface, Current Scenario, Challenges and Alternative Strategies, organized by Guru Nanak Khalsa College, Karnal on March 3, 2012.**
13. **Significance of Geo-spatial Technology and Status of its Education and Training in India. DHE Sponsored National Seminar on Recent Trends of Research in Geography and Life Sciences, organized by Govt. P.G. College, Narnaul on March 4-5, 2012.**
14. **River Sand Extraction Effects, Causes and Concerns: A Case Study of Dohan River, Mahendergarh. DHE Sponsored National Seminar on Management of Natural Resources for Sustainable Development in India., organized by Department of Geography, Govt. P.G. College, Jind on February 14-15, 2012.**
15. **Urban Development and Natural Resources Degradation. DHE Sponsored National Seminar on Sustainable Management of Land Resources in India, organized by Department of Geography, Govt. College, Karnal on February 24-25, 2012.**
16. **Groundwater use Practices and Implications in Southwestern Haryana. DHE Sponsored National Seminar on Sustainable Resource Management under Changing Environmental Conditions, organized by CRM Jat College, Hisar on March 23, 2012.**
17. **Dynamics of Urban Growth in the Rewari City Area, 6<sup>th</sup> National Seminar on City Regions: Perceptions, Policies and Practices to formulate Future Urban Regional Planning and Development Strategies', organized by Institute for Spatial and Environment Research, India, Panchkula on April 20-21, 2012.**
18. **River Sand Mining and Its Impacts on the Bio-physical Environment: A Case Study of Narnaul Block of Mahendergarh District (Haryana), 3rd International Seminar on Man is the part of Nature: Heuristics and Political Ecology, organized by Institute for Spatial and Environment Research, India, Panchkula on November 16-18, 2012.**
19. **Corrupt Politics in Resource Development and Management: A Case Study of Illegal River Sand Extraction in Narnaul Block, 40<sup>th</sup> Annual Conference and National Seminar on Resource Development and Environment: A Changing Scenario, organized by The Rajasthan Geographical Association and Shri Radheshyam R. Morarka Govt. College, Jhunjhunu (Raj.) India on December 21-23, 2012.**

20. Drought Occurrence and Impact of Rainfall Parameters on Area, Production and Yield of Selected Crops in Western Rajasthan, 2<sup>nd</sup> National Seminar on Revisiting Geography as a Sustainable Discipline, organized by A.M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi, India on February 20-21, 2013.
21. Assessment of Watershed Soil Erosion Risk and Management in Semi-arid Environment: A Case Study of Dohan River Watershed, International Geographical Union (IGU) Conference on Geoinformatics for Bio-diversity and Climate Change, organized by, Department of Geography, Maharishi Dayanand University, Rohtak, Haryana, India on March 14-16, 2013.
22. Pattern of Rainfall and Drought Occurrence in Western Rajasthan: A Spatio-Temporal Analysis, 1<sup>st</sup> International Conference on Disaster, Natural Resource Management and Socio-economic Development, organized by Department of Geography, Kurukshetra University, Kurukshetra, Haryana, India on October 4-5, 2013.
23. Women and Crime: Manifestation of a Patriarchal sick Society, DHE Sponsored National Seminar on The discipline of Geography- A Competitive Edge, organized by Department of Geography, Mata Sundri Khalsa Girls College, Nissing, Karnal, Haryana, India on February 24, 2015.
24. Crime Against Women and Girls: Psycho-social Manifestation of Patriarchal System in Haryana, DHE Sponsored National Seminar on Gender sensitization: Different aspects in Present Scenario, organized by Govt. College for Women, Hisar, Haryana, India on February 13, 2015.
25. Spatio-Temporal Pattern of Rape Incidents in India, 16<sup>th</sup> APG Meet and National Conference on Changing Mountain Environment, Resource Utilization and Sustainable Livelihood, organized by Department of Geography, University of Jammu, Jammu and Kashmir, India on September 28-29, 2015.
26. Application of Geo-spatial Technology for Impact Assessment of Watershed Development Programme in Semi Arid Environments., 16<sup>th</sup> APG Meet and National Conference on Changing Mountain Environment, Resource Utilization and Sustainable Livelihood, organized by Department of Geography, University of Jammu, Jammu and Kashmir, India on September 28-29, 2015.
27. Spatio-Temporal Pattern of Crime Against Women in Haryana, DHE Sponsored National Seminar on Empowering Indian Women: Milestones, Challenges and Measures, organized by Rajiv Gandhi Government College, Saha, Ambala, Haryana, Indian on November 05, 2015.
28. The Impact of Large Scale Acquisitions on Landuse/ Cover: A Case Study of Gurgaon City, Haryana, 37<sup>th</sup> IIG Meet and International Conference on Land Resources Polices, Agriculture and Expanding Urban-Industrial Spaces, organized by Department of Geography, Kurukshetra University, Kurukshetra, Haryana, India on February 11-13, 2016.

29. Paper entitled 'Soil Erosion Susceptibility Assessment Through Geo-Statistical Multivariate Approach in Panchkula District of Haryana, India' in 38th Indian Geography Congress held at University of Mysore, Mysore, December 26-28, 2016.

#### Seminars/Conferences Attended

##### Ms. Manishaa Sharma

1. National Seminar cum Workshop on Study of Bio-Diversity in Today's context in Dyal Singh College, Karnal on March 11-13, 2012.
2. Attended User Interaction Meet IUIM-2013 at IIRS Dehradun on March 11-12, 2013.

##### Sh. Sanjay Kumar

1. Attended UGC sponsored National seminar on 'End of History: Myth or Reality' organized by Department of History and Political Science Dyal Singh College, Karnal on February 15-16, 2008.
2. Attended UGC sponsored National Seminar on Dynamics of Federalism in India organized by Department of Political Science Dyal Singh College, Karnal on 06-07 March 2009.
3. Attended One Day Seminar on 'Quality Improvement in Higher Education in Haryana' organized by K.U.Kurukshetra on Jan. 28, 2011.
4. Attended National seminar on 'Rapid Phase of Urbanization and Alarm for the Future' sponsored by DHE Haryana at Govt. College, Indri, Karnal on February 10, 2012.
5. Attended National seminar on Sustainable Management of Land Resources in India sponsored by DHE Haryana at Govt. P.G. College Sector-14, Karnal on February 24-25, 2012.
6. Attended International Conference on Disasters, Natural Resource Management and Socio-Economic Development at Dept. of Geography, K.U. Kurukshetra, on Oct. 4-5, 2013.

##### Sh. Rajpal Singh

1. Attended 7<sup>th</sup> APG National Conference held at G.N. Khalsa College, Karnal 02-03 Dec. 2006.
2. Attended One Day NSS workshop at K.U.Kurukshetra on 17.09.2007.
3. Attended UGC sponsored National seminar on 'End of History: Myth or Reality' organized by Dept. Of History and Political Sc. Dyal Singh College, Karnal on Feb. 15-16, 2008.
4. Attended UGC sponsored National Seminar on Dynamics of Federalism in India organized by Dept. Of Pol. Sc. Dyal Singh College, Karnal on 06-07 March 2009.
5. Attended International Seminar on Climate Change- Clipore & Teri on Thinking long- term on climate policy: A dialogue between Research & Policy at Hotel Lee Meridian, New Delhi on 01-02<sup>nd</sup> Nov. 2010.
6. Attended One Day Seminar on 'Quality Improvement in Higher Education in Haryana' organized by KUK on 28.01.2011.
7. Attended Delhi Sustainable Development Summit Special Event on 'Water: Our Global Common' organized by TERI & VITO Belgium on 31.01.2012.

8. Attended National seminar on Rapid phase of urbanization and alarm for the future sponsored by DHE Haryana at Govt. College, Indri, Karnal on Feb.10, 2012.
9. Attended National seminar on Sustainable Management of resources in India sponsored by DHE Haryana at Govt. College Sector-14, Karnal on Feb. 24-25, 2012
10. Attended International Conference on Disasters, Natural Resource Management and Socio-Economic Development at Department of Geography, K.U. Kurukshetra on Oct. 4-5, 2013.

**Sh. Tejpal**

1. National Workshop on Data Analysis using SPSS, Organized by Department of Statistics and Operational Research, Kurukshetra University, Kurukshetra on September 21-22, 2012.
2. Attended National Workshop on Data Dissemination of Census 2011, Jointly Organized by Department of Geography, Kurukshetra University, Kurukshetra and Census of India, on March 22, 2013.
3. Attended Department of Science & Technology (NRDMS Division) Sponsored Training Programme on Geo-spatial Technologies, Organized by Post Graduate Department of Geography, Guru Nanak Khalsa College, Karnal from August 22 to August 24, 2015.
4. Attended DHE Sponsored National Seminar on Understanding Bharat Ratna Dr, B.R. Ambedkar organized by Department of Political Science, Dyal Singh College, Karnal, Haryana, India on March 06-07, 2016.

**Other Achievements :**

**Sh. Sanjay Kumar**

1. Incharge, Red Cross & Blood Donors' club of college for the last 5 years.

**Sh. Rajpal Singh**

1. Contingent In charge: Youth leadership Training Camp held at Manali from 26.05.2004 to 02.06.2004 organized by Department of Youth & Cultural Affairs KUK.
2. NSS Programme Officer from 01<sup>st</sup> Aug. 2005 to 7<sup>th</sup> July 2008. Awarded Appreciation letter from Commissioner Higher Education Haryana Chandigarh for NSS Activities.
3. Team Manager- KUK Yatching M&W Team which participated in All India Inter University Yatching (M &W) K.U.K. Sports Council Championship 2006-07 held at Pongdam on 26.02.2007.
4. Member- KUK Kayaking & Canoeing Club Committee 2008-09 (KU Sports Council 3824 dt. 11.09.2008).
5. Team Manager- KUK Kayaking Men Team Which participated in All India Intger Univ. Kayaking (M) Championship 2009-10 held at Sri Nagar from 15.10.2009 to 18.10.2009 Kayaking Club. Committed & Convey KUK. (2009-10).
6. Taken Charge of Physical Education from Dr. Arvind Malik on 06.04.2008 (06.04.2008 to 31.08.2013).



**Sh. Tajpal**

1. Attended St. John Ambulance First Aid Training Programme. Jointly organized by Youth Red Cross (UTD) under the K.U. , Kurukshetra and State Red Cross Society, Kurukshetra, September 25-30, 2011.
2. Delivered a lecture on the topic ‘Basics of Geographical Information System’ in PGT Geography Induction Training Camp organized by DIET, Mahendergarh on October 10, 2015.
3. Delivered a lecture on the topic ‘Basics of Remote Sensing and Aerial Photography’ in PGT Geography Induction Training Camp organized by DIET, Mahendergarh on October 11, 2015.
4. Attended 4 weeks UGC Sponsored Orientation Programme-24 and Obtained Grade ‘A’, Organized by UGC-Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India, from May 12, 2016 to June 08, 2016.
5. Attended State Level Youth Red Cross Training Camp for Boys Organized by Indian Red Cross Society, Haryana State Branch, Held at Laxmi Bhawan Dharmshala, Mansa Devi Complex, Panchkula, from September 01-06, 2016.

* Number of papers published in peer reviewed journals (national / international) by faculty and students	<b>14</b>
* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	<b>Nil</b>
* Monographs	<b>Nil</b>
* Chapter in Books	<b>Nil</b>
* Books Edited	<b>Nil</b>
* Books with ISBN/ISSN numbers with details of publishers	<b>Nil</b>
* Citation Index	<b>Nil</b>
* SNIP	<b>Nil</b>
* SJR	<b>Nil</b>
* Impact factor	<b>07</b>
* h-index	<b>Nil</b>
20. Areas of consultancy and income generated	<b>Nil</b>
21. Faculty as members in	
a) National committees	

**Ms. Manishaa Sharma**

1. Member Under Graduate Board of Studies of Geography K.U. Kurukshetra 2007-09

**Sh. Sanjay Kumar**

1. Elected Member of University Court and Academic Council of K.U. Kurukshetra on 19.02.2009 for two years.
2. Member Under Graduate Board of Studies of Geography K.U. Kurukshetra 2009-11.

**Sh. Rajpal Singh**

1. Elected Member, Academic Council of K.U. Kurukshetra on 19-2-2000 and on 19.02.2007 for two years term each time.
2. Member, Board of UG Studies of Geography, K.U. Kurukshetra, 2015-17.
3. Life Member, Association of Punjab Geographer's
  - b) International Committees Nil
  - c) Editorial Boards Nil
22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme  
**All the students of B.A. V & VI semesters undertake the project/ survey.**
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies Nil
23. Awards/ Recognitions received by faculty and students **04**

**Sh. Tejpal**

1. Won Young Geographer Award on the topic 'Corrupt Politics in Resource Development and Management: A Case Study of Illegal River Sand Extraction in Narnaul Block', 40<sup>th</sup> Annual Conference and National Seminar on Resource Development and Environment : A Changing Scenario, organized by The Rajasthan Geographical Association and Shri Radheshyam R. Morarka Govt. College, Jhunjhunu on Dec. 21-23, 2012.
2. Won Young Geographer Award on the topic 'Monitoring and Evaluation of Ecological Health: A Case Study of Dohan Watershed', 1<sup>st</sup> International Conference on Disaster, Natural Resource Management and Socio-economic Development, organized by Department of Geography, K.U., Kurukshetra, Haryana, India on October 4-5, 2013.
3. Won Best Coordination Counselor Award and Participated in Lucky Star Competition for Counselor and Stood 1<sup>st</sup> in State Level Youth Red Cross Training Camp organized by Indian Red Cross Society, Haryana State Branch at Laxmi Bhawan Dharmshala, Mansa Devi Complex, Panchkula, September 01-06, 2016.
4. Commendation certificate for paper entitled 'Soil Erosion Susceptibility Assessment Through Geo-Statistical Multivariate Approach in Panchkula District of Haryana, India' in 38<sup>th</sup> Indian Geography Congress held at University of Mysore, Mysore, December 26-28, 2016.
24. List of eminent academicians and scientists/ visitors to the department

Sh. J.S. Kalia	Principal (Retd.) and Member Governing Body, Dyal Singh College, Karnal
Prof. Omvir Singh	Department of Geography, K.U. Kurukshetra
Dr. Shantnu Patnaik	Professor, Department of Geography, Rajiv Gandhi Central University, Itanagar
Dr. Ramesh S Hooda	Chief Scientist, Haryana Space Applications Centre, CCSHAU Campus, Hisar
Dr. Manoj Mishra	Associate Professor, University College, K.U. Kurukshetra
Sh. Tirlok Bhardwaj	Scientist National Physical Laboratory Delhi

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National Nil  
b) International Nil

26. Student profile programme/course wise

Name of the Course /programme	2016-17				2015-16
	Applications received	Selected	Enrolled *M *F		Pass %age
B.A. I	450	139	115	24	59.52
B.A. II	48	48	33	15	64.06
B.A. III	66	66	54	12	71.88

\*M=Male, F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. I	100	Nil	Nil
B.A. II	100	Nil	Nil
B.A. III	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? **One**

29. Student progression

Student progression	Against % enrolled
UG to PG	20
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	05
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	15

30. Details of Infrastructural facilities

a) **Library**

The college library serves as the main learning resource which provides reference books, journals, textbooks and magazines, etc. The department room has its own departmental library for the use of faculty members.

b) **Internet facilities for staff and students:**

Wi-Fi network and broad band connection under ICT plan is available in the department.

c) **Class Rooms with ICT facility:**

In laboratory multimedia projector linked with Wi-Fi enabled Desktop Computer is available for viewing of computer simulation of the models and other multimedia literature.

d) **Laboratories**

The department has three laboratories.

31. Number of students receiving financial assistance from college, university, government or other agencies **20**
32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts Extension Lectures)
- **Extension lecture by Sh. Tirlok Bhardwaj, Scientist, National Physical Laboratory Delhi, 2008.**
  - **Extension lecture by Sh. Tirlok Bhardwaj, Scientist, National Physical Laboratory Delhi, 2010.**
  - **Extension lecture by Dr. Ramesh S. Hooda, Chief Scientist, Haryana Space Applications Centre (HARSAC), CCS Haryana Agricultural University Campus, Hisar, 2013.**
33. Teaching methods adopted to improve student learning  
**Use of Maps, Globes, Models and Audio visual aids.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities  
**The department organises the following activities for the students every year:**
- **Model Making Competitions**
  - **Poster Making Competitions**
  - **Map Making Competitions**
35. SWOC analysis of the department and Future plans

#### **Strengths**

- **Geography is the subject which provides the total knowledge of physical as well as cultural surroundings of man at local, regional as well as world level.**
- **Due to its interdisciplinary character, it is the major subject of science as well as of humanities.**
- **Applied Courses like GIS, Remote Sensing, Computer Urban Planning, have been introduced in the syllabus; these courses have provided strength to the subject.**

#### **Weakness**

- **Students who opt the subject at degree level have weak base. They do not have basic knowledge of the subject because Geography is not available at senior secondary level in schools.**

#### **Opportunities**

- **Knowledge of Geography provides jobs in many sectors like Civil Services, Banking, Teaching, Business, Defense Forces, Town Planning, GPRS experts, Remote Sensing, Survey of India, Census Department, Statistical Department, etc.**

#### **Challenges**

- **Majority of the students have not studied Geography at the XII level and lack scientific aptitude to understand the subject.**

#### **Future Plans**

- **To start a dedicated Remote Sensing and GIS Program with the help of UGC.**
- **To get a project from DST.**

## Evaluative Report of the Department of Hindi

- |   |  |
|---|--|
| 1. Name of the Department   | <b>Hindi</b>                           |
| 2. Year of Establishment  | <b>U.G. 1949, P.G. 1973</b>            |
| 3. Names of Programmes/Courses offered<br>(UG, PG, M.Phil., Ph.D., Integrated Masters;<br>Integrated Ph.D., etc.) | <b>UG B.A. and B.Sc.<br/>P.G. M.A.</b> |
| 4. Names of Interdisciplinary courses and<br>the departments/units involved                                       | <b>Nil</b>                             |
| 5. Annual/ semester/choice based credit<br>system (programme wise)  | <b>Semester</b>                        |
| 6. Participation of the department in the<br>courses offered by other departments:                                | <b>B.A. and B.Sc.</b>                  |
| 7. Courses in collaboration with other<br>universities, industries, foreign institutions                          | <b>Nil</b>                             |
| 8. Details of courses/programmes discontinued<br>(if any) with reasons  | <b>Nil</b>                             |
| 9. Number of Teaching posts   |  |

	Sanctioned	Filled
<b>Faculty</b>	<b>06</b>	<b>06</b>
<b>Associate Professors</b>	<b>02</b>	<b>02</b>
<b>Assistant Professors</b>	<b>04</b>	<b>03 + 01 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Randhir Singh</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Associate Professor</b>	<b>Sant-Sahitya</b>	<b>21</b>	<b>Ph.D. 07 M.Phil. 19</b>
<b>Dr. Balbir Singh</b>	<b>M.A., Ph.D.</b>	<b>Associate Professor</b>	<b>Katha-Sahitya</b>	<b>18</b>	<b>M.Phil. 14</b>
<b>Dr. Subhash Saini</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Assistant Professor</b>	<b>Katha-Sahitya</b>	<b>10</b>	<b>Ph.D. 04 M.Phil. 02</b>
<b>Dr. Jai Kumar</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Assistant Professor</b>	<b>Hindi Novel</b>	<b>06</b>	<b>-</b>
<b>Dr. Surender Bala</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Assistant Professor</b>	<b>Hindi Novel</b>	<b>24</b>	<b>-</b>
<b>Dr. Subhash Chand</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Assistant Professor</b>	<b>Hindi Novel</b>	<b>3</b>	<b>-</b>

11. List of senior visiting faculty

डॉ. हरमहेन्द्र सिंह बेदी	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, गुरु नानक देव विश्वविद्यालय, अमृतसर
डॉ. सरिता वाशिष्ठ	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
डॉ. राधे श्याम शर्मा	पूर्व कुलपति सी.डी.एल. विश्वविद्यालय, सिरसा
डॉ. बाबू राम	प्रोफेसर हिंदी विभाग, कुरुक्षेत्र
डॉ. लालचंद्र गुप्त मंगल	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
श्री वी.एन.राय, आई.पी.एस.	वरिष्ठ साहित्यकार
प्रो. स्वदेश दीपक	वरिष्ठ साहित्यकार
डॉ. जितेन्द्र अग्रवाल	पूर्व प्राचार्य राजकीय कॉलेज, घरौंडा
डॉ. राममूर्ति शर्मा	पूर्व प्राचार्य राजकीय कॉलेज, करनाल
श्रीमती डॉ. कमलेश मिश्रा	पूर्व प्राचार्या के.वी.ए.डी.ए.वी. गर्ल्स कॉलेज, करनाल
डॉ. मुक्ता	निदेशक, हरियाणा साहित्य अकादमी
श्री पवन चौधरी मनमौजी	वरिष्ठ साहित्यकार
डॉ. सुभाष	प्रोफेसर हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
डॉ. हरमहेन्द्र सिंह बेदी	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, गुरु नानक देव विश्वविद्यालय, अमृतसर

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **P.G. 10% U.G. 28%**

13. Student -Teacher Ratio (programme wise) **M.A. 10:1 B.A. 123:1 B.Sc. 70:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. **Ph.D.- 6**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**

18. Research Centre /facility recognized by the University **Ph.D. Guided : 11 M.Phil. Guided : 35**

पीएच. डी. शोध निर्देशन

डॉ. रणधीर सिंह

क्र. सं.	शोधार्थी का नाम	विषय	विश्वविद्यालय	वर्ष
1	दीप कुमार	शंकर शेष के नाटकों में सांस्कृतिक चेतना	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2007
2	सुभाष चंद्र	नासिरा शर्मा के साहित्य में नारी	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2008

3	रीना रानी	उपेन्द्रनाथ अशक के कथा-साहित्य में मध्य वर्ग	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2008
4	दीपक शर्मा	स्वातन्त्र्योत्तर हिंदी कथा साहित्य में नारी चेतना	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2013
5	जय कुमार	जीवनीपरक उपन्यासों की परम्परा में एक और अवधूत	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2013
6	ममता देवी	हरियाणा की संत परम्परा और ब्रह्मानन्द सरस्वती	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2014
7	सतीश कुमार	उपेन्द्रनाथ अशक के उपन्यासों में सामाजिक चेतना	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2015

डॉ. सुभाष सैनी

क्र. सं.	शोधार्थी का नाम	विषय	विश्वविद्यालय	वर्ष
1	बहादुर सिंह	भीष्म साहनी के साहित्य में मानव-मूल्य	दक्षिण भारत हिन्दी प्रचार सभा उच्च शिक्षा और शोध संस्थान कर्नाटक शाखा, धारवाड	2010
2	सुनीता कुमारी	आधुनिक संदर्भों में दुष्यन्त कुमार के साहित्य का अनुशीलन	दक्षिण भारत हिन्दी प्रचार सभा उच्च शिक्षा और शोध संस्थान कर्नाटक शाखा, धारवाड	2012
3	सीमा रानी	मन्नू भण्डारी के कथा साहित्य में युगबोध।	दक्षिण भारत हिन्दी प्रचार सभा, मद्रास	2013
4	अंजु कटारिया	गुलशन मदान की गज़लों में युगबोध।	दक्षिण भारत हिन्दी प्रचार सभा, मद्रास	2014

एम. फिल. शोध निर्देशन

डॉ. रणधीर सिंह

क्र. सं.	शोधार्थी का नाम	विषय	विश्वविद्यालय	वर्ष
1	भावना धीमान	पानी के निशान में चित्रित मानव-मूल्य।	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2005
2	गुरप्रीत कौर	एक खिड़की खुली है अभी में विद्रोह के स्वर।	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2006
3	मंजुषा	हरीश पाठक और उनके गुम होता आदमी में चित्रित समस्याएँ।	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
4	राजपाल शर्मा	कृष्णा सोबती और उनका समय सरगम उपन्यास।	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
5	दयावती	नासिरा शर्मा के संगसार में बोध के विविध आयाम।	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
6	स्नेहलता	धर्मबीर भारती के निबन्धों का कथ्य और शिल्प।	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
7	रेणु शर्मा	शशि प्रभा शास्त्री के उपन्यासों में यथार्थपरक समाज।	विनायक मिशन विश्वविद्यालय, सलेम	2008
8	वनिता रानी	मेरा दुश्मन में संकलित कहानियों का विश्लेषण।	विनायक मिशन विश्वविद्यालय, तमिलनाडु	2008
9	रूपेन्द्र कुमार	तबादला उपन्यास में चित्रित विसंगतियों।	महर्षि मारकण्डेश्वर विश्वविद्यालय, मुलाना	2009
10	प्रतिभा	नासिरा शर्मा के कहानी संग्रह संगसार में सामाजिक चेतना।	महर्षि मारकण्डेश्वर विश्वविद्यालय, मुलाना	2009
11	रजनी वर्मा	छत खुले आसमान की में सामाजिक विद्वृपताएँ।	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2009
12	सीमा रानी	स्मृति गंध में स्त्री-विमर्श।	कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र	2009
13	सुखजिंद्र कौर	कोई फायदा नहीं में यथार्थ।	कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र	2009
14	विनय कुमार	उपन्यासकार : बलभद्रदेव थापर	कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र	2009



15	मीना रानी	रंग रंग के दृश्य : अनुभूति और अभिव्यक्ति	कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र	2010
16	सतीश कुमार	'मिट्टी की सुगंध' में चित्रित बोध के विविध आयाम	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2012
17	ममता देवी	डा. हरगुलाल गुप्त के उपन्यास गंगा के मौन किनारे में निरूपित आंचलिक संस्कृति	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2012
18	मुकेश कुमार	बाबू राम के एकांकी संग्रह 'चमत्कार' में संवेदना और शिल्प	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2014
19	अनुराग आर्य	भीष्म भजनावली में चिंतन के विविध आयाम	दक्षिण भारत हिंदी प्रचार सभा, मद्रास	2015

डॉ. बलबीर सिंह

क्र. सं.	शोधार्थी का नाम	विषय	विश्वविद्यालय	वर्ष
1	ममता पाण्डेय	स्मृतियों का पहाड़ काव्य संग्रह में पर्वतीय संस्कृति	कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र	2007
2	सुशील कुमार	सभापर्व : कथ्य और शिल्प	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
3	आरती सूद	टोपी शुक्ला उपन्यास में चित्रित समस्याएं	विनायका मिशन विश्वविद्यालय	2007
4	विरेन्द्र कुमार	'जूझ' उपन्यास में कथ्य और शिल्प	मदुरई कामराज विश्वविद्यालय, मदुरई	2007
5	मंजू	सभापर्व में चित्रित समस्याएं	विनायका मिशन विश्वविद्यालय, सेलम	2008
6	सीमा बजाज	अल्मा कबूतरी उपन्यास में नारी चेतना	श्री वैकटेश्वर विश्वविद्यालय, तिरुपति	2008
7	प्रदीप कुमार	रसलीन की सौन्दर्य चेतना	श्री वैकटेश्वर विश्वविद्यालय, तिरुपति	2008
8	सोमबीर	मनोहर श्याम जोशी के उपन्यास 'हमजाद' में चित्रित समस्याएं	एम.एम.यूनिवर्सिटी मुलाना, अम्बाला	2009
9	रसनीतू भाटिया	नीलू नीलिना नीलोफर उपन्यास में स्त्री-पुरुष संबंध	महार्ष मारकण्डेश्वर विश्वविद्यालय, मुलाना	2009
10	शिप्रा	उषा प्रियंवदा के भया कबीर उदास उपन्यास में मनोवैज्ञानिक यथार्थ	एम0एम0 विश्वविद्यालय, मुलाना	2009

11	नीलम रानी	राग गूजरी में मानवीय मूल्य	कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र	2009
12	रेखा	सीढियाँ माँ और उसका देवता कहानी संग्रह में ग्रामीण जीवन	एम0एम0 विश्वविद्यालय, मुलाना	2010
13	परमजीत कौर	पहाड़ की पगडंडियाँ कहानी संग्रह में पर्वतीय संस्कृति	एम0एम0 विश्वविद्यालय, मुलाना	2011
14	पदमलाल	गुलशन मदान कृत 'कागज की नाव' गज़ल संग्रह में सामाजिक यथार्थ	दक्षिण भारत हिन्दी प्रचार सभा, मद्रास	2014

डॉ. सुभाष सैनी

क्र. सं.	शोधार्थी का नाम	विषय	विश्वविद्यालय	वर्ष
1	सुरिन्द्र कौर	कस्तूरी कुण्डल बसै उपन्यास में नारी विमर्श	एम0एम0 विश्वविद्यालय, मुलाना	2009
2	मधुबाला	गोदान में चित्रित सामाजिक यथार्थ: विश्लेषण एवं मूल्यांकन।	दक्षिण भारत हिन्दी प्रचार सभा, मद्रास	2013

19. Publications:

a) Publication per faculty

\* Number of paper published in peer reviewed journals (national/ international by faculty and students

**Papers Published : 36**

**Papers Presented : 94**

**Papers Published**

डॉ. रणधीर सिंह:

1. नासिरा शर्मा के कथा-साहित्य में नारी विमर्श विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-सितम्बर 2012 शोध अंक 19 में प्रकाशित।
2. डॉ0 विक्रम सिंह की कहानियों में चित्रित मानव मूल्य विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-सितम्बर 2012 शोध अंक 19 में प्रकाशित।
3. सतं गरीबदास के चिंतन के विविध आयाम विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-सितम्बर 2012 शोध अंक 19 में प्रकाशित।
4. 'हरियाणवी लोक साहित्य में चित्रित सामाजिक स्थिति' विषयक शोध पत्र संचार बुलेटिन में (ISSN 2229-3620) जुलाई-सितम्बर 2013 अंक में प्रकाशित।
5. हिन्दी आलोचना में डॉ. रामबिलास शर्मा का योगदान विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-सितम्बर 2013 अंक में प्रकाशित।

6. सामाजिक विकृतियों के संदर्भ में संत साहित्य की प्रासंगिकता विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-सितम्बर 2013 अंक 19 में प्रकाशित।
7. संतों की वाणी में चित्रित मानव मूल्य विषयक शोध पत्र संस्कार चेतना (ISSN 2347-4041) अक्टूबर-नवम्बर 2014 शोध अंक 2, 3 में प्रकाशित।
8. संत दादू दयाल का सामाजिक चिंतन विषयक शोध पत्र शोध संचार बुलेटिन (ISSN 2229-3620) जुलाई-दिसम्बर 2014 अंक में प्रकाशित।
9. संत दादू दयाल का दार्शनिक चेतना विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) जुलाई-दिसम्बर 2014 अंक में प्रकाशित।
10. प्रवासी महाकवि प्रो. हरिशंकर आदेश के साहित्य में अभिव्यक्त भारतीयता विषयक शोध पत्रिका शोध समालोचन (ISSN 2348-5639) दिसम्बर 2014 में प्रकाशित।
11. संत ब्रह्मानन्द सरस्वती का सामाजिक चिन्तन विषयक शोध पत्र शोध दिशा मे (ISSN 0975-735X) जुलाई-दिसम्बर 2014 अंक में प्रकाशित।
12. आधुनिक हिन्दी कविता में चित्रित महाभारत के प्रमुख नारी पात्र विषयक शोध पत्र शोध पत्रिका संस्कार चेतना (ISSN 2347-4041) फरवरी 2015 में प्रकाशित।
13. शंकर शेष के नाटकों में सामाजिक चेतना के विविध आयाम विषयक शोध पत्र शोध समालोचन (ISSN 2348-5639) मार्च 2015 में प्रकाशित।
14. रीतिकाल के अग्रदूत-महाकवि केशवदास विषयक शोध पत्र संस्कार चेतना (ISSN 2347-4041) मई, 2015 में प्रकाशित।
15. सूफी काव्य में चित्रित भारतीय संस्कृति विषयक शोध पत्र संस्कार चेतना (ISSN 2347-4041) जून-जुलाई, 2015 में प्रकाशित।
16. प्रताप नारायण मिश्र के काव्य में आध्यात्मिक-दार्शनिक चिंतन विषयक शोध पत्र संस्कार चेतना (ISSN 2347-4041) अक्टूबर, 2015 में प्रकाशित।
17. सूचना प्रौद्योगिकी और हिन्दी विषयक शोध पत्र शोध दिशा (ISSN 0975-735X) दिसम्बर 2015 अंक में प्रकाशित।
18. जाम्हाणी साहित्य में चित्रित नैतिक मूल्य विषयक शोध पत्र रिसर्च जनरल मीमांसा मे (ISSN 2394-6458) दिसम्बर 2015 अंक में प्रकाशित।
19. वर्तमान परिप्रेक्ष्य में सन्त-साहित्य की उपयोगिता विषयक शोध पत्र शोध सरिता मे (ISSN 2348-2397) जनवरी-मार्च 2016 अंक में प्रकाशित।

डॉ. बलबीर सिंह

1. उच्चतर शिक्षा निदेशालय, हरियाणा पंचकुला और एपीजे सरस्वती कन्या महाविद्यालय के संयुक्त तत्वाधान में आयोजित संगोष्ठी में प्रस्तुत शोध-पत्र 'साहित्य और मीडिया' नामक शोध पत्र, 2011 पुस्तक में प्रकाशित।
2. प्रो. पुष्पा रानी द्वारा सम्पादित पुस्तक 'महादेवी की साहित्य साधना' 2014 कल्पना प्रकाशन, दिल्ली (ISBN 978-93-83725-08-3) में 'महादेवी वर्मा की वेदनानुभूति' शोध पत्र प्रकाशित।
3. शोध पुस्तक 'शोध पथ' में 'सामाजिक नवनिर्माण में पत्रकारिता की भूमिका' शोध-पत्र (ISBN 978-93-84312-50-3) 2015 में प्रकाशित।
4. डा. ऋषिपाल द्वारा सम्पादित पुस्तक 'लता साहित्य सदन, गाजियाबाद' (ISBN 978-93-80642-73-8) में 'वैश्वीकरण के दौर में हिन्दी संत साहित्य की प्रासंगिकता (जाति व्यवस्था के विशेष संदर्भ में)' शोध पत्र प्रकाशित।

डॉ. सुभाष सैनी

1. 'वैश्वीकरण और हिन्दी गज़ल' विषयक शोध-पत्र 'एमर्जिंग ट्रैण्डस इन सोशल साइंसिज' (ISSN 2277-8624) अप्रैल-जून, 2012 में प्रकाशित।
2. 'हिन्दी गज़ल में हिन्दी का परिवर्तित होता स्वरूप' विषयक शोध-पत्र 'रिसर्च लिंक' (ISSN 0973-1628) अगस्त, 2012 में प्रकाशित।
3. 'छायावादी काव्य में चित्रित युग-बोध' विषयक शोध-पत्र 'एमर्जिंग ट्रैण्डस इन सोशल साइंसिज' (ISSN 2277-8624) अक्टूबर-दिसम्बर, 2012 में प्रकाशित।
4. 'महादेवी वर्मा और नवचिंतन' (छायावाद के विशेष संदर्भ में) विषयक शोध-पत्र 'युगशिल्पी' (ISSN 0975-4644) मार्च-अगस्त, 2014 में प्रकाशित।
5. 'डॉ० रामविलास शर्मा की हिन्दी साहित्य को देन' विषयक शोध-पत्र 'इण्डियन जर्नल ऑफ सोशल कन्सर्न्स' (ISSN 2231-5837) मई-अक्टूबर, 2014 में प्रकाशित।
6. 'हिन्दी उपन्यास को प्रेमचन्द की देन' विषयक शोध-पत्र 'Reflections in Education : A Multidisciplinary Journal' (ISSN 2348-7267) सितम्बर 2014 में प्रकाशित।
7. 'भीष्म साहनी के उपन्यासों में जिजीविषा बोध' विषयक शोध-पत्र 'Reflections in Education : A Multidisciplinary Journal' (ISSN 2348-7267) सितम्बर 2015 में प्रकाशित।
8. 'पत्रकारिता का बदलता स्वरूप और न्यू मीडिया'- (सोशल मीडिया के विशेष संदर्भ में) विषयक शोध-पत्र 'Research Link' An International, Registered & Referred Monthly Journal' ISSN-0973-1628 October, 2015 में प्रकाशित।

डॉ. जय कुमार

1. प्रवासी साहित्यकार सुरेशचन्द्र शुक्ल 'शरद आलोक' का हिन्दी को योगदान, विश्व पुस्तक प्रकाशन, दिल्ली-63 (ISSN 97-81-89092-37-5).
2. डॉ. बाबूराम द्वारा विरचित उपन्यास 'एक और अवधूत' की कत्यगत विशेषताएं विषयक शोध-पत्र विश्वस्तरीय शोध-पत्रिका शोध-दिशा जुलाई-सितम्बर 2013, शोध अंक 23 में प्रकाशित (ISSN 0975-735X).
3. डॉ. बाबूराम द्वारा विरचित उपन्यास 'एक और अवधूत' में युगबोध विषयक शोध-पत्र विश्वस्तरीय शोध-पत्रिका शोध संचार बुलेटिन दिसम्बर 2013, शोध अंक 3 में प्रकाशित (ISSN 2229-3620).
4. हिन्दी : दशा और दिशा विषयक शोध-पत्र अन्तर्राष्ट्रीय शोध पत्रिका (मासिक) संस्कार चेतना अगस्त-सितम्बर 2015 अंक 12,1, वर्ष 4.5 में प्रकाशित (ISSN 2347:4041)
5. हिन्दी पत्रकारिता के विविध प्रकार विषयक शोध-पत्र अन्तर्राष्ट्रीय शोध-पत्रिका शोध संचार बुलेटिन अक्टूबर-दिसम्बर 2015, अंक 5, 19 में प्रकाशित (ISSN 2229-3620)

Papers presented:

डॉ. रणधीर सिंह

1. 24-25 मार्च, 2007 को पी.जी.डी.ए.वी. कॉलेज करनाल में 'साहित्य में सांस्कृतिक प्रदूषण' विषय पर आयोजित दो दिवसीय राष्ट्रीय संगोष्ठी में 'वर्तमान संदर्भ में साहित्य की प्रासंगिकता' विषयक शोधपत्र प्रस्तुत किया।

2. 13-15 जुलाई, 2007 को न्यूयार्क में आयोजित 8वें विश्व हिंदी सम्मेलन में 'अमेरिका में हिंदी साहित्य' विषयक शोध पत्र प्रस्तुत किया।
3. 7 दिसम्बर, 2007 में डी.ए.वी. कॉलेज पूण्डरी में आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'भाषा और समाज' विषयक शोध-पत्र प्रस्तुत किया।
4. 24 फरवरी, 2010 को आर.के.एस.डी. कॉलेज, कैथल में हिन्दी पत्रकारिता के नये आयाम विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'खोजी पत्रकारिता बनाम पीत पत्रकारिता' विषयक शोधपत्र प्रस्तुत किया।
5. 25 मार्च, 2010 को गुरु नानक खालसा कॉलेज, करनाल में वैश्वीकरण के दौर में हिन्दी विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'वैश्वीकरण के दौर में हिन्दी' विषयक शोध-पत्र प्रस्तुत किया।
6. 2 अप्रैल, 2012 को हिन्दी विभाग यूनिवर्सिटी कॉलेज कुरुक्षेत्र में आयोजित एक दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'भूमंडलीकरण के दौर में हिन्दी' विषयक शोध पत्र प्रस्तुत किया।
7. 17 नवम्बर, 2010 को एस.डी. कॉलेज, पानीपत में हरियाणवी लोककाव्य: विविध आयामपर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणवी लोककाव्य में सामाजिक चेतना' विषयक शोध पत्र प्रस्तुत किया।
8. 24 नवम्बर, 2010 को डी.ए.वी. स्नातकोत्तर कॉलेज, करनाल में आधुनिक हिन्दी कविता में नवचिंतन : विविध आयाम विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'समकालीन कविता में नवचिंतन के विविध आयाम' विषयक शोध पत्र प्रस्तुत किया।
9. 23 जनवरी 2011 को दयाल सिंह कॉलेज, करनाल में राष्ट्रीय संगोष्ठी में 'हिन्दी साहित्य का इतिहास : पुनर्लेखन की समस्याएं' विषयक शोध पत्र प्रस्तुत किया।
10. 10-12 फरवरी, 2011 को डी.ए.वी. कॉलेज फॉर गर्ल्स यमुनानगर में प्रवासी साहित्य विषय पर आयोजित त्रिदिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'अमेरिकी प्रवासी कथाकार : जड़ें, प्रतिबद्धता और देश भक्ति' विषयक शोध पत्र प्रस्तुत किया।
11. 8 मार्च, 2013 को बी.ए.आर. जनता कॉलेज, कौल (कैथल) में वैश्वीकरण के दौर में संत साहित्य की प्रासंगिकता विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'सामाजिक विकृतियों के संदर्भ में सन्त साहित्य की प्रासंगिकता' विषयक शोध पत्र प्रस्तुत किया।
12. 21 मार्च, 2013 को कुरुक्षेत्र विश्वविद्यालय के हिन्दी विभाग में डॉ. रामबिलास शर्मा की हिन्दी साहित्य को देन विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिन्दी आलोचना में डॉ. रामबिलास शर्मा का योगदान' विषयक शोध पत्र प्रस्तुत किया।
13. 11 अप्रैल, 2013 को कुरुक्षेत्र विश्वविद्यालय के हिन्दी विभाग में हरियाणवी भाषा, साहित्य और संस्कृति विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणवी लोक साहित्य में चित्रित सामाजिक स्थिति' विषयक शोध पत्र प्रस्तुत किया।
14. 8-11 जून, 2013 को काठमांडू में हिन्दी का वैश्विक परिदृश्य विषय पर आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'हिन्दी को विश्व भाषा बनाने में अमेरिकी साहित्यकारों का योगदान' विषयक शोध पत्र प्रस्तुत किया।

15. 8 अक्टूबर 2013 को दर्शन-विभाग, कुरुक्षेत्र विश्वविद्यालय में स्थापित जगद्गुरु ब्रह्मानंद सरस्वती चेयर एवं ब्रह्मानंद वैदिक शोध संस्थान, कुरुक्षेत्र के संयुक्त तत्वावधान में आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'संत-ब्रह्मानंद सरस्वती के चिंतन के विविध आयाम' विषयक शोध पत्र प्रस्तुत किया।
16. 9 दिसम्बर 2013 को अखिल भारतीय महिला एवं बाल कल्याण समिति सोनीपत (हरियाणा) एवम् हरियाणा साहित्य अकादमी, पंचकूला के संयुक्त तत्वावधान में आयोजित राष्ट्रीय संगोष्ठी में 'हरियाणवी का शिष्ट साहित्य' विषयक शोध पत्र प्रस्तुत किया।
17. 11 फरवरी 2014 को राजकीय स्नातकोत्तर महिला महाविद्यालय, करनाल एवं उच्चतर शिक्षा निदेशालय, हरियाणा के संयुक्त तत्वावधान में आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिन्दी भाषा में रोजगार प्राप्ति की विपुल सम्भावनाएं' विषयक शोध पत्र प्रस्तुत किया।
18. 24 अगस्त 2014 को कुरुक्षेत्र विश्वविद्यालय में भारतीय सांस्कृतिक सम्बन्ध परिषद्, दिल्ली एवम् हिन्दी विभाग कुरुक्षेत्र विश्वविद्यालय के संयुक्त तत्वावधान में शोध चेतना अकादमी के सौजन्य से 'हिन्दी का वैश्विक परिदृश्य' विषय पर आयोजित अंतरराष्ट्रीय संगोष्ठी में 'वैश्विक परिदृश्य में हिन्दी में रोजगार प्राप्ति की सम्भावनाएं' विषयक शोध पत्र प्रस्तुत किया।
19. 28 सितम्बर, 2014 को कुरुक्षेत्र विश्वविद्यालय में हरियाणा साहित्य अकादमी, पंचकूला एवं हिन्दी विभाग, कु.वि.कुरुक्षेत्र के संयुक्त तत्वावधान में 'हिन्दी : कल, आज और कल' विषय पर आयोजित अंतरराष्ट्रीय संगोष्ठी में 'प्रवासी महाकवि प्रो. हरिशंकर आदेश के साहित्य में अभिव्यक्त भारतीयता' विषयक शोध पत्र प्रस्तुत किया।
20. 29 मार्च 2015 को हरियाणा संस्कृत अकादमी, पंचकूला एवम् इतिहास विभाग, राजकीय स्नातकोत्तर महाविद्यालय-46, चंडीगढ़ के संयुक्त तत्वावधान में चंडीगढ़ में आयोजित राष्ट्रीय संगोष्ठी में 'संस्कृत की धरोहर हिन्दी के कंधों पर' विषयक शोध पत्र प्रस्तुत किया।
21. 03 मई, 2015 को अखिल भारतीय महिला एवम् बाल कल्याण समिति, सोनीपत एवम् हरियाणा साहित्य अकादमी पंचकूला (हरियाणा) के संयुक्त तत्वावधान में सोनीपत में आयोजित राष्ट्रीय संगोष्ठी में सक्रिय प्रतिभागिता करते हुए 'हरियाणा के हिन्दी साहित्य में शकुन्तला ब्रजमोहन का योगदान' विषयक शोध पत्र प्रस्तुत किया।
22. 10 मई, 2015 को हरियाणा संस्कृत अकादमी, पंचकूला एवम् जाट महाविद्यालय, कैथल एवम् वसुधैव कुटुम्बकम् सेवा आयाम, कुरुक्षेत्र के संयुक्त तत्वावधान में कैथल में आयोजित राष्ट्रीय संगोष्ठी में 'भारतीय परम्परा में विवाह संस्कार की महत्ता' विषयक शोध पत्र प्रस्तुत किया।
23. 10-12 सितम्बर 2015 को भोपाल में आयोजित 10वें विश्व हिन्दी सम्मेलन में सक्रिय प्रतिभागिता करते हुए चर्चा-परिचर्चा में सहभागिता की।
24. 06 नवम्बर 2015 को पंजाब विश्वविद्यालय, चंडीगढ़ के हिन्दी विभाग में आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में विषय विशेषज्ञ के रूप में 'वैश्वीकरण एवं बाजारवाद के युग में गुरु जाम्भोजी की प्रासंगिता' विषयक शोध पत्र प्रस्तुत किया।

25. 12-13 दिसम्बर 2015 को जयपुर में भारतीय हिन्दी परिषद्, इलाहाबाद के सौजन्य से राजस्थान विश्वविद्यालय, जयपुर के तत्वावधान में आयोजित अंतर्राष्ट्रीय संगोष्ठी में 'सूचना प्रौद्योगिकी और हिन्दी' विषयक शोध पत्र प्रस्तुत किया।
26. 29 अप्रैल-01 मई, 2016 को न्यूयार्क (अमेरिका) में कॉन्सुलेट जनरल ऑफ इंडिया एवम्, हिन्दी संगम प्रतिष्ठान न्यूजर्सी के तत्वावधान में कोलम्बिया, न्यूयार्क और येल विश्वविद्यालयों के सहयोग से 'हिन्दी भाषा : शिक्षा, साहित्य, कला और संचार माध्यमों में विविध मुद्दों पर अभिव्यक्ति की लोकतांत्रिक आवाज' विषय पर आयोजित तृतीय अन्तर्राष्ट्रीय हिन्दी सम्मेलन में 'वैश्वीकरण के परिप्रेक्ष्य में हिन्दी भाषा का भविष्य' विषयक शोध पत्र प्रस्तुत किया।

डॉ. बलबीर सिंह

1. 25 फरवरी 2010 को सनातन धर्म कालेज, अम्बाला छावनी में एक दिवसीय राष्ट्रीय संगोष्ठी में 'विज्ञापन जगत और हिंदी भाषा' विषयक शोध पत्र प्रस्तुत किया।
2. 25 मार्च 2010 को गुरुनानक खालसा कॉलेज, करनाल में एक दिवसीय राष्ट्रीय संगोष्ठी में 'बाजारवाद और हिंदी भाषा' विषयक शोध पत्र प्रस्तुत किया।
3. 24 नवम्बर 2010 को डी.ए.वी. स्नातकोत्तर महाविद्यालय, करनाल में एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिंदी दलित कविता में नवचिंतन' विषयक शोध पत्र प्रस्तुत किया।
4. 25-26 नवम्बर 2010 को गुरुनानक गर्ल्स कॉलेज, यमुनानगर में दो दिवसीय राष्ट्रीय संगोष्ठी में 'हिंदी कथा साहित्य में हिंदी का परिवर्तित रूप' विषयक शोध पत्र प्रस्तुत किया।
5. 27-28 नवम्बर 2010 को ऐपीजे सरस्वती कन्या स्नातकोत्तर महाविद्यालय, चरखी दादरी भिवानी में राष्ट्रीय संगोष्ठी में 'साहित्य और मीडिया' विषयक शोध पत्र प्रस्तुत किया।
6. 10-12 फरवरी 2011 को डी.ए.वी. कॉलेज फॉर गर्ल्स, यमुनानगर में अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी साहित्य में भारतीय संस्कृति' विषयक शोध पत्र प्रस्तुत किया।
7. 15-16 फरवरी 2012 को ऐपीजे सरस्वती कन्या स्नातकोत्तर महाविद्यालय, दादरी में 'मीडिया और बदलती संस्कृति' विषयक शोध पत्र प्रस्तुत किया।
8. 4 मार्च 2012 को पी.जी.डी.ए.वी. कॉलेज (सांध्य), नई दिल्ली में राष्ट्रीय संगोष्ठी में 'परम्परागत मीडिया बनाम न्यू मीडिया' विषयक शोध प्रस्तुत किया।
9. 2 अप्रैल 2012 को यूनिवर्सिटी कॉलेज कुरुक्षेत्र विश्वविद्यालय में 'बाजारवाद विज्ञापन और हिंदी विषयक' शोध पत्र प्रस्तुत किया।
10. 5 अप्रैल 2013 को कुरुक्षेत्र विश्वविद्यालय के हिन्दी विभाग द्वारा अन्तर्राष्ट्रीय संगोष्ठी में 'महादेवी वर्मा की वेदनानुभूति' विषयक शोध पत्र प्रस्तुत किया।
11. 9 मार्च 2013 को बी.ए.आर. कॉलेज, कौल, जिला कैथल में आयोजित राष्ट्रीय संगोष्ठी में 'वैश्वीकरण के दौर में संत साहित्य की प्रासंगिकता' (जातिवाद के विशेष संदर्भ में) शोध पत्र प्रस्तुत किया।
12. 19 मार्च 2013 को डी.ए.वी. कॉलेज फॉर वूमैन, करनाल में 'वर्तमान दौर में हिंदी दशा और दिशा' विषयक शोध पत्र प्रस्तुत किया।

11. 21 मार्च 2013 को हिंदी विभाग कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में राष्ट्रीय संगोष्ठी में 'रामविलास शर्मा की दृष्टि में निराला' विषयक शोध पत्र प्रस्तुत किया।
  12. 28 मार्च 2013 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में अन्तर्राष्ट्रीय संगोष्ठी में 'महादेवी वर्मा की वेदनानुभूति' विषयक शोध पत्र प्रस्तुत किया।
  13. 11 अप्रैल 2013 को कुरुक्षेत्र विश्वविद्यालय के हिन्दी विभाग और हरियाणा साहित्य अकादमी पंचकूला के संयुक्त तत्वावधान द्वारा संगोष्ठी में 'हरियाणा भाषा, साहित्य और संस्कृति' विषयक पर शोध पत्र प्रस्तुत किया।
  14. 11 फरवरी 2014 को राजकीय स्नातकोत्तर महिला महाविद्यालय, करनाल एवं उच्चतर शिक्षा निदेशालय हरियाणा द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिन्दी और रोजगार' विषय पर शोध पत्र प्रस्तुत किया।
  15. 21 फरवरी 2015 को शहीद उधमसिंह राजकीय महाविद्यालय इन्द्री में आयोजित राष्ट्रीय संगोष्ठी में 'भूमण्डलकरण और हिन्दी दलित कविता—विषयक शोध—पत्र प्रस्तुत किया।
  16. 14 सितम्बर 2015 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र के युवा एवं सांस्कृतिक कार्यक्रम विभाग और हिन्दी विभाग यूनिवर्सिटी कॉलेज के संयुक्त तत्वावधान में आयोजित 'अन्तर्राष्ट्रीय संगोष्ठी' में 'हिन्दी के विकास में मीडिया का योगदान' विषय पर शोध पत्र प्रस्तुत किया।
  17. नवम्बर 2015 को डी.ए.वी. कॉलेज, करनाल में आयोजित राष्ट्रीय संगोष्ठी में 'सामाजिक नवनिर्माण में पत्रकारिता की भूमिका' नामक शोध पत्र प्रस्तुत किया।
  18. 30 जनवरी 2016 को हिंदू कन्या महाविद्यालय, सोनीपत में आयोजित राष्ट्रीय संगोष्ठी 'संत रविदास के काव्य में अन्तर्निहित सामाजिक चेतना' विषयक शोध पत्र प्रस्तुत किया।
  19. 6-7 मार्च 2016 को दयाल सिंह महाविद्यालय, करनाल में राजनीति शास्त्र विभाग द्वारा आयोजित राष्ट्रीय संगोष्ठी में 'डॉ. अम्बेडकरवादी विचारधारा और बौद्ध धर्म' विषय पर शोध पत्र प्रस्तुत किया।
  20. 12 मार्च 2016 को गुरुनानक खालसा कॉलेज, करनाल के इतिहास विभाग द्वारा आयोजित राष्ट्रीय संगोष्ठी में 'शहीद भगत सिंह के चिंतन के विविध आयाम' शीर्षक से शोध—पत्र प्रस्तुत किया।
  21. 11 सितम्बर 2016 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र के हिन्दी विभाग द्वारा आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'अभिमन्यु अनत (मारिशस) द्वारा रचित उपन्यास लाल पसीना में भारतीय संस्कृति' विषयक शोध पत्र प्रस्तुत किया।
- डॉ. सुभाष सैनी
1. 3 जनवरी 2011 को हिन्दू कन्या महाविद्यालय, जीन्द में राज्यस्तरीय संगोष्ठी में 'महिलाओं के खिलाफ बढ़ते अपराध' विषय पर शोध—पत्र प्रस्तुत किया।
  2. 23 जनवरी 2011 को दयाल सिंह कॉलेज करनाल में राष्ट्रीय संगोष्ठी में 'हिन्दी लघुकथा का हिंदी साहित्य को योगदान' विषय पर शोध—पत्र प्रस्तुत किया।
  3. 10 से 12 फरवरी, 2011 को डी.ए.वी. कॉलेज फॉर गर्ल्स, यमुनानगर एवं कथा यू.के. लन्दन द्वारा आयोजित त्रिदिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी साहित्य' विषय पर शोध पत्र प्रस्तुत किया।



4. 23-24 फरवरी 2011 में पी.जी. डी.ए.वी. कॉलेज, (दिल्ली विश्वविद्यालय) में राष्ट्रीय संगोष्ठी में 'आम आदमी की पत्रकारिता और वैकल्पिक मीडिया' विषय पर शोध-पत्र प्रस्तुत किया।
5. 15-16 फरवरी 2012 को ऐ.पी.जे. सरस्वती कन्या स्नातकोत्तर महाविद्यालय, चरखी दादरी में 'इलेक्ट्रॉनिक मीडिया में हिंदी का बढ़ता प्रभाव' विषय पर शोध-पत्र प्रस्तुत किया।
6. 21 मार्च, 2012 को पी.जी.डी.ए.वी. कॉलेज सांध्य नई दिल्ली में अन्तर्राष्ट्रीय संगोष्ठी में 'इलेक्ट्रॉनिक मीडिया में हिंदी का बढ़ता प्रभाव' विषय पर शोध-पत्र प्रस्तुत किया।
7. 2 अप्रैल, 2012 को हिंदी विभाग (यूनिवर्सिटी कॉलेज) कुरुक्षेत्र में आयोजित एक दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'वर्तमान सन्दर्भ में इलेक्ट्रॉनिक मीडिया और हिंदी' विषय पर शोध-पत्र प्रस्तुत किया।
8. 25-26 नवम्बर 2012 को गुरुनानक गर्ल्स कॉलेज, यमुनानगर में दो दिवसीय राष्ट्रीय संगोष्ठी में 'हिंदी गज़ल में हिंदी का परिवर्तित होता स्वरूप' विषय पर शोध-पत्र प्रस्तुत किया।
9. 8 मार्च, 2013 को बी.ए.आर. जनता कॉलेज, कौल (कैथल) में 'वैश्वीकरण के दौर में संत साहित्य की प्रासंगिकता' विषय पर शोध-पत्र प्रस्तुत किया।
10. 19 मार्च, 2013 को डी0ए0वी0 गर्ल्स कॉलेज करनाल में 'वर्तमान दौर में हिंदी : दशा और दिशा' विषय पर शोध-पत्र प्रस्तुत किया।
11. 21 मार्च, 2013 को हिंदी विभाग कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 'रामविलास शर्मा की हिंदी साहित्य को देन' विषय पर शोध-पत्र प्रस्तुत किया।
12. 2 अप्रैल, 2013 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र (हिन्दी-विभाग) द्वारा आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'महादेवी वर्मा की साहित्य-साधना' विषय पर शोध-पत्र प्रस्तुत किया।
13. 11 अप्रैल, 2013 को कुरुक्षेत्र विश्वविद्यालय के हिंदी विभाग में हरियाणवी भाषा, साहित्य और संस्कृति विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'विलक्षणता से परिपूर्ण : हरियाणवी संस्कृति' विषयक शोध-पत्र प्रस्तुत किया।
14. 11 फरवरी, 2014 को राजकीय स्नाकोत्तर महिला महाविद्यालय, करनाल में आयोजित एक दिवसीय 'राष्ट्रीय संगोष्ठी' में 'हिन्दी : राष्ट्रीय एवं अन्तर्राष्ट्रीय सन्दर्भ में' विषय पर शोध-पत्र प्रस्तुत किया।
15. 24 अगस्त, 2014 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में शोध चेतना अकादमी एवं अन्तर्राष्ट्रीय संस्था 'अक्षरम्' द्वारा आयोजित एकदिवसीय अन्तर्राष्ट्रीय संगोष्ठी में - 'हिन्दी : राष्ट्रीय एवं अन्तर्राष्ट्रीय संदर्भ में' विषय पर शोध-पत्र प्रस्तुत किया।
16. 28 सितम्बर 2014 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में हरियाणा साहित्य अकादमी, पंचकूला एवं शोध चेतना अकादमी द्वारा आयोजित एक दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में - 'हिन्दी की संवैधानिक स्थिति' विषय पर शोध-पत्र प्रस्तुत किया।
17. 21 फरवरी, 2015 को शहीद उधम सिंह राजकीय महाविद्यालय, मटक माजरी, इन्द्री (करनाल) में आयोजित राष्ट्रीय संगोष्ठी में 'भूमण्डलीकरण और हिन्दी गज़ल' विषय पर शोध-पत्र प्रस्तुत किया।

18. 14 सितम्बर 2015 को कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'टी0 वी0 पत्रकारिता एवं हिन्दी का विकास' विषय पर शोध-पत्र प्रस्तुत किया।
19. 7 नवम्बर 2015 को डी.ए.वी. कॉलेज, करनाल में आयोजित राष्ट्रीय संगोष्ठी में 'पत्रकारिता के विविध प्रकार' विषय पर शोध-पत्र प्रस्तुत किया।
20. 6-7 मार्च 2016 को दयाल सिंह कॉलेज, करनाल में आयोजित राष्ट्रीय संगोष्ठी में 'सामाजिक आंदोलन के सूत्रधार : डॉ. भीमराव अम्बेडकर' विषय पर शोध-पत्र प्रस्तुत किया।
21. 12 मार्च 2016 को गुरुनानक खालसा कॉलेज, करनाल में आयोजित राष्ट्रीय संगोष्ठी में 'क्रांतिकारी अशफ़ाक उल्ला ख़ाँ का भारतीय स्वतन्त्रता संग्राम में योगदान' विषय पर शोध-पत्र प्रस्तुत किया।

डॉ. जय कुमार

1. 17 नवम्बर, 2010 को एस.डी. कॉलेज, पानीपत में हरियाणवी लोककाव्य: विविध आयाम विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणवी लोककाव्य में आध्यात्मिकता' विषयक शोध पत्र प्रस्तुत किया।
2. 23 जनवरी 2011 को दयाल सिंह कॉलेज, करनाल में राष्ट्रीय संगोष्ठी में 'हिन्दी साहित्य में भक्ति आंदोलन : उद्भव एवं विकास' विषयक शोध पत्र प्रस्तुत किया।
3. 13 अप्रैल 2011 को हिंदी विभाग कुरुक्षेत्र विश्वविद्यालय में राष्ट्रीय संगोष्ठी में 'अज्ञेय की रचनाधर्मिता : विविध आयाम' विषयक शोध पत्र प्रस्तुत किया।
4. 29 फरवरी 2012 को चौ. ईश्वर सिंह कन्या महाविद्यालय, डान्ड में राष्ट्रीय संगोष्ठी में 'आधुनिक हिंदी काव्य में प्रयोगवाद' विषयक शोध पत्र प्रस्तुत किया।
5. 8 मार्च, 2013 को बी.ए.आर. जनता कॉलेज, कौल (कैथल) में वैश्वीकरण के दौर में संत साहित्य की प्रासंगिकता विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'सन्त काव्य और समाज सुधार' विषयक शोध पत्र प्रस्तुत किया।
6. 19 मार्च 2013 को डी.ए.वी. कॉलेज फार वामैन, करनाल में '21वीं सदी में हिन्दी की स्थिति' विषयक शोध पत्र प्रस्तुत किया।
7. 21 मार्च, 2013 को कुरुक्षेत्र विश्वविद्यालय के हिंदी विभाग में डॉ. रामबिलास शर्मा की हिंदी साहित्य को देन विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'डॉ. रामबिलास शर्मा की हिन्दी साहित्य को देन' विषयक शोध पत्र प्रस्तुत किया।
8. 11 अप्रैल, 2013 को कुरुक्षेत्र विश्वविद्यालय के हिंदी विभाग में हरियाणवी भाषा, साहित्य और संस्कृति विषय पर आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणवी लोक संस्कृति' विषयक शोध पत्र प्रस्तुत किया।
9. 8-11 जून, 2013 को काठमांडू में हिंदी का वैश्विक परिदृश्य विषय पर आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी साहित्यकार सुरेशचन्द्र शुक्ल शरद आलोक का हिन्दी में योगदान' विषयक शोध पत्र प्रस्तुत किया।
10. 8 अक्टूबर, 2013 को जगतगुरु ब्रह्मानंद सरस्वती चैयर दर्शन-शास्त्र विभाग, कुरुक्षेत्र विश्वविद्यालय में 'एक और अवधूत' विषय पर शोध-पत्र प्रस्तुत किया।

11. 9 दिसम्बर 2013 को भारतीय महिला एवं बाल कल्याण समिति और हरियाणा साहित्य अकादमी पंचकूला द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणा भाषा' विषयक शोध-पत्र प्रस्तुत किया।
12. 11 फरवरी, 2014 को राजकीय महिला महाविद्यालय, करनाल एवं उच्चतर शिक्षा निदेशायल पंचकूला द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'रोजगार के क्षेत्र में हिन्दी भाषा' विषय पर शोध-पत्र प्रस्तुत किया।
13. 28 सितम्बर 2014 को हरियाणा साहित्य अकादमी, पंचकूला, हिन्दी विभाग कुरुक्षेत्र विश्वविद्यालय एवं शोध चेतना अकादमी द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिन्दी के प्रसार में मीडिया की भूमिका' विषयक शोध-पत्र प्रस्तुत किया।
14. 10 मई 2015 को हिन्दी-संस्कृत अकादमी, पंचकूला एवं हिन्दी विभाग जाट कॉलेज, कैथल द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'भारतीय संस्कृति में षोडश संस्कार' विषयक शोध-पत्र प्रस्तुत किया।
15. 3 मई 2015 को अखिल भारतीय महिला एवं बाल कल्याण समिति, सोनीपत एवं हरियाणा साहित्य अकादमी, पंचकूला द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हरियाणा के हिन्दी साहित्य में मीरा गौतम का योगदान' विषयक शोध-पत्र प्रस्तुत किया।
16. 24 अगस्त 2014 को भारतीय संस्कृति सम्बंध परिषद्, दिल्ली 'अक्षरम्' हिन्दी विभाग व महाविद्यालय, कुरुक्षेत्र विश्वविद्यालय व शोध चेतना अकादमी द्वारा आयोजित एक दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'अन्तर्राष्ट्रीय स्तर पर हिन्दी की स्थिति' विषय पर शोध-पत्र प्रस्तुत किया।
17. 6 नवम्बर 2015 को पंजाब विश्वविद्यालय, चंडीगढ़, हिन्दी विभाग एवं जाम्भाणी साहित्य अकादमी बीकानेर (राजस्थान) द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'गुरु जाम्भोजी की वाणी में युगबोध' विषयक शोध-पत्र प्रस्तुत किया।
18. 7 नवम्बर 2015 को डी.ए.वी. कॉलेज, करनाल एवं आयुक्त उच्चतर शिक्षा, हरियाणा द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में 'हिन्दी पत्रकारिता के विविध प्रकार' विषयक शोध-पत्र प्रस्तुत किया।
19. 12-13 दिसम्बर 2015 को राजस्थान विश्वविद्यालय जयपुर में 42वां अधिवेशन एवं अन्तर्राष्ट्रीय संगोष्ठी में 'हिन्दी साहित्य सिनेमा और मीडिया' विषयक शोध-पत्र प्रस्तुत किया।

डॉ. सुरेन्द्रबाला

1. 10-12 फरवरी, 2011 को डी.ए.वी. कॉलेज फॉर गर्ल्स, यमुनानगर में प्रवासी साहित्य विषय पर आयोजित त्रिदिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी लेखक : जड़ें, प्रतिबद्धता और देशभक्ति' (अभिमन्यु अनंत के विशेष सन्दर्भ में) विषय पर शोध पत्र प्रस्तुत किया।
2. 2 अप्रैल, 2012 को हिन्दी विभाग यूनिवर्सिटी कॉलेज, कुरुक्षेत्र में आयोजित एक दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'विश्व में हिन्दी का प्रचार-प्रसार : एक अवलोकन' विषय पर शोध पत्र प्रस्तुत किया।
3. 10-12 फरवरी, 2011 को डी.ए.वी. कॉलेज फॉर गर्ल्स, यमुनानगर में प्रवासी साहित्य विषय पर आयोजित दो दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी साहित्य में अस्मिता निर्मिति के सूत्र' विषय पर शोध पत्र प्रस्तुत किया।

4. 18-19 फरवरी 2013 को डी.ए.वी. कॉलेज फॉर गर्ल्स, यमुनानगर द्वारा आयोजित दो दिवसीय अन्तर्राष्ट्रीय संगोष्ठी में 'प्रवासी साहित्य (अभिमन्यु अनंत के विशेष सन्दर्भ में)' पर शोध पत्र प्रस्तुत किया।
5. 11 फरवरी, 2014 को राजकीय स्नातकोत्तर महिला महाविद्यालय, करनाल द्वारा आयोजित राष्ट्रीय संगोष्ठी में 11 फरवरी 2014 को 'रोजगार के क्षेत्र में हिन्दी के बढ़ते कदम' विषय पर शोध पत्र प्रस्तुत किया।
6. डी.ए.वी. कॉलेज, करनाल द्वारा आयोजित एक दिवसीय राष्ट्रीय साहित्यिक संगोष्ठी में 'पत्रकारिता के विविध प्रकार' विषय पर शोध पत्र प्रस्तुत किया।
7. 14 सितम्बर 2016 को हरियाणा ग्रंथ अकादमी पंचकूला, हिन्दी विभाग कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र, वसुधैव कुटुम्बकम् संस्कृति सेवा आयाम द्वारा आयोजित अन्तर्राष्ट्रीय संगोष्ठी में 'मॉरिशस में भारतीय संस्कृति: जीवन शैली के सन्दर्भ में' विषय पर शोध प्रस्तुत किया।

#### **Seminar/Conference Attended:**

डॉ. बलबीर सिंह

1. 17-18 मार्च 2004 को एस.डी. महाविद्यालय, अम्बाला में आयोजित राष्ट्रीय संगोष्ठी में सक्रिय भागीदारी।
2. 24 जनवरी 2006 को एस.डी. महाविद्यालय, अम्बाला में आयोजित राष्ट्रीय संगोष्ठी में सक्रिय भागीदारी।
3. 20-22 मार्च 2010 को राजकीय स्नातकोत्तर महाविद्यालय, करनाल में आयोजित राष्ट्रीय लोक नाट्य कार्यशाला में सक्रिय भागीदारी।

#### **Other Achievements:**

डॉ. बलबीर सिंह

1. 7 मार्च 2014 को शहीद उधमसिंह राजकीय महाविद्यालय, इन्द्री (करनाल) 'प्रेमचन्द : समय, समाज और साहित्य' विषय पर विस्तारीय संभाषण प्रस्तुत किया।
2. जीवन बीमा निगम, करनाल मंडल के एस.सी./बी.सी./एस.टी. कर्मचारी संघ द्वारा आयोजित समारोह 'डॉ. अम्बेडकर का परिनिर्वाण दिवस' 6 दिसम्बर 2014 में 'अम्बेडकरवादी विचारधारा और भारत में आरक्षण की स्थिति' विषय पर विस्तारीय संभाषण प्रस्तुत किया।
3. कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र की यू.एम.सी. कमेटी (सत्र 2014-2015) के सदस्य के रूप में मनोनीत किया गया।
4. हिन्दी दिवस, 14 सितम्बर 2015 के उपलक्ष्य में एल.आई.सी. करनाल मंडल द्वारा आयोजित संगोष्ठी में मुख्य वक्ता के रूप में 'हिन्दी भाषा : दशा और दिशा' विषय पर व्याख्यान प्रस्तुत किया।

डॉ. जय कुमार

1. 12-13 मार्च 2011 को दयाल सिंह कॉलेज, करनाल में इतिहास और राजनीति शास्त्र विभाग द्वारा आयोजित राष्ट्रीय कार्यशाला में सक्रिय सहभागिता।
2. अकेडैमिक स्टाफ कॉलेज कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 10.05.2011 से 06.06.2011 तक आरंभिक कोर्स किया।
3. 03 अप्रैल 2012 को यूनिवर्सिटी कॉलेज, कुरुक्षेत्र विश्वविद्यालय द्वारा आयोजित अन्तर्राष्ट्रीय संगोष्ठी में सक्रिय सहभागिता।

4. अकेडैमिक स्टाफ कॉलेज कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 01.06.2012 से 21.06.2012 तक रिफरेशर कोर्स किया।
5. अकेडैमिक स्टाफ कॉलेज कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 06.06.2014 से 26.06.2014 तक रिफरेशर कोर्स किया।
6. कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 10.07.2014 से 16.07.2014 तक एन.एस. एस. आरेंएन्टेशन कोर्स किया।

डॉ. सुरेन्द्र बाला

1. अकेडैमिक स्टाफ कॉलेज कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 26.07.2012 से 22.08.2012 तक आरेंएन्टेशन कोर्स किया।
2. अकेडैमिक स्टाफ कॉलेज कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र में 14.06.2013 से 04.07.2013 तक रिफरेशर कोर्स किया।

\* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) **06**

\* Monographs **Nil**

\* Chapter in Books **14**

डॉ. रणधीर सिंह

क्र. सं.	शीर्षक	पुस्तक का नाम	प्रकाशन
1	संत कवि निश्चलदास	हरियाणा के संत कवि	साहित्य संस्थान, गाजियाबाद (ISBN:81-98995-16-X) 2006
2	संत कवि हरदेदास	हरियाणा के संत कवि	साहित्य संस्थान गाजियाबाद (ISBN:81-98995-16-X) 2006
3	हिंदी को विश्वभाषा बनाने में अमेरिकी साहित्यकारों का योगदान	हिंदी का वैश्विक परिदृश्य	विश्व पुस्तक प्रकाशन पश्चिम विहार, नई दिल्ली (ISBN: 97-81-89092-37-5)
4	वैश्वीकरण के दौर में भारतीय संत साहित्य की प्रासंगिकता	वैश्वीकरण के दौर में हिन्दी संत साहित्य की प्रासंगिकता	लता साहित्य सदन गाजियाबाद (उ.प्र.) (ISBN: 978-93-80462-73-8)

डॉ. बलबीर सिंह

क्र. सं.	शीर्षक	पुस्तक का नाम	प्रकाशन
1	वैश्वीकरण के दौर में हिन्दी संत साहित्य की प्रासंगिकता (जाति व्यवस्था के विशेष संदर्भ में)	वैश्वीकरण के दौर में हिन्दी संत साहित्य की प्रासंगिकता	लता साहित्य सदन गाजियाबाद (उ.प्र.) (ISBN: 978-93-80462-73-8)

2	महादेवी वर्मा की वेदनानुभूति	महादेवी वर्मा की साहित्य	कल्पना प्रकाशन दिल्ली (ISBN: 978-93-83725-05-3)
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डॉ. सुभाष सैनी

क्र. सं.	शीर्षक	पुस्तक का नाम	प्रकाशन/ वर्ष
1	आधुनिक समय में मूल्यों की प्रासंगिकता	आधुनिकीकरण, मूल्य और हिन्दी साहित्य	ए.पी.जे. सरस्वती कन्या स्नातकोत्तर महाविद्यालय चरखी दादरी मार्च-2009
2	साहित्य और सामाजिक सरोकार	परिवेश और मन का अन्तर्द्वन्द्व : बदलता साहित्य	ए.पी.जे. सरस्वती कन्या स्नातकोत्तर महाविद्यालय चरखी दादरी 2010
3	हरियाणा के प्रमुख साहित्यकार अमृतलाल मदान	हरियाणा के प्रमुख हिन्दी साहित्यकार	आई. बी. ए. पब्लिकेशनस निकलसन रोड अम्बाला कैन्ट 2009 (ISBN: 978-81-87883-38-8)
4	हिन्दी गजल	यात्रा शब्दों की	अक्षरधाम प्रकाशन, करनाल रोड कैथल 2011
5	इलेक्ट्रॉनिक मीडिया में हिन्दी का बढ़ता प्रभाव	इलेक्ट्रॉनिक मीडिया : भाषाएँ सभ्यता संस्कृति और	ए.पी.जे. सरस्वती कन्या स्नातकोत्तर महाविद्यालय चरखी दादरी 2012
6	आम आदमी की पत्रकारिता और वैकल्पिक मीडिया	ग्लोबल मीडिया और हिन्दी पत्रकारिता	साहित्य संचय, सोनिया विहार दिल्ली-94 2013 ISBN : 978-93-82597-02-5

जय कुमार

क्र. सं.	शीर्षक	पुस्तक का नाम	प्रकाशन
1	प्रवासी साहित्यकार सुरेशचंद्रशुक्ल का हिन्दी को योगदान	हिन्दी का वैश्विक परिदृश्य	विश्व पुस्तक प्रकाशन पश्चिम विहार नई दिल्ली (ISBN: 97-18-89092-37-5)
2	संत काव्य और समाज सुधार	वैश्वीकरण के दौर में हिन्दी संत साहित्य की प्रासंगिकता	लता साहित्य सदन गाजियाबाद (उ.प्र.) (ISBN: 978-93-80462-73-8)

\* Books with ISBN/ISSN numbers with details of publishers 3

डॉ. रणधीर सिंह

1 संत गरीबदास : दर्शन और रहस्यवाद; आकाश पब्लिशर्स एण्ड डिस्ट्रीब्यूटर्स गाजियाबाद 2006, ISBN: 81-89482-00-9.

2 कृष्ण-भक्तिकाव्य और सूरदास; साहित्य सस्थान गाजियाबाद-2005, ISBN : 81-89495-02.

डॉ. सुरेन्द्र बाला

1. अभिमन्यु अनत के कथा साहित्य में 'भारतीय संस्कृति और समाज' विषय पर 2006 में सोनी सेल्स कार्पोरेशन से पुस्तक प्रकाशित।

\* Citation Index Nil  
\* SJR Nil  
\* Impact factor 10  
\* h-index Nil

20. Areas of consultancy and income generated Nil

21. Faculty as members

a) National committees b) International Committees c) Editorial Boards Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme Nil

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies Nil

23. Awards/ Recognitions received by faculty and students

• डॉ. रणधीर सिंह को काठमांडू में 8 जून से 11 जून 2013 को हिंदी का वैश्विक परिदृश्य विषय पर आयोजित अन्तर्राष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

• डॉ. जयकुमार को काठमांडू में; 8 जून से 11 जून 2013 हिंदी का वैश्विक परिदृश्य विषय पर आयोजित अन्तर्राष्ट्रीय सम्मेलन में 'साहित्य श्री' पुरस्कार से सम्मानित किया गया।

24. List of eminent academicians and scientists/ visitors to the department

डॉ. हरमहेन्द्र सिंह बेदी	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, गुरु नानक देव विश्वविद्यालय, अमृतसर
डॉ. सरिता वाशिष्ठ	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
डॉ. राधे श्याम शर्मा	पूर्व कुलपति सी.डी.एल. विश्वविद्यालय, सिरसा
डॉ.बाबू राम	प्रोफेसर हिंदी विभाग, कुरुक्षेत्र
डॉ.लालचंद्र गुप्त मंगल	प्रोफेसर एवम् अध्यक्ष हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
श्री वी.एन. राय, आई.पी.एस.	वरिष्ठ साहित्यकार
प्रो. स्वदेश दीपक	वरिष्ठ साहित्यकार
डॉ.जितेन्द्र अग्रवाल	पूर्व प्राचार्य, राजकीय कॉलेज, घरौंडा
डॉ.राममूर्ति शर्मा	पूर्व प्राचार्य, राजकीय कॉलेज, करनाल
श्रीमती डॉ.कमलेश मिश्रा	पूर्व प्राचार्या, के.वी.ए.डी.ए.वी. कॉलेज, करनाल
डॉ.मुक्ता	निदेशक, हरियाणा साहित्य अकादमी

श्री पवन चौधरी मनमौजी	वरिष्ठ साहित्यकार
डॉ. सुभाष	प्रोफेसर, हिंदी विभाग, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : 1

हिन्दी साहित्य का इतिहास : मूल्यांकन और पुनर्लेखन दिनांक 23 जनवरी, 2011 – हरियाणा साहित्य अकादमी द्वारा प्रायोजित।

b) International : 1

विश्व पटल पर हिन्दी : विस्तार एवं संभावनाएं दिनांक 10 जनवरी, 2017 – निदेशक, उच्चतर शिक्षा, हरियाणा तथा हरियाणा साहित्य अकादमी द्वारा प्रायोजित।

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16
	Applications received	Selected	Enrolled *M *F	Pass %age
B.A. I	1367	445	409 36	54.64
B.A. II	257	257	235 22	66.31
B.A. III	206	206	187 19	57.94
B.Sc. II	210	210	85 125	97.96
M.A. (P)	10	10	06 04	77.27
M.A. (F)	19	19	06 13	75.00

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	97	3	Nil
B.Sc.	96	4	Nil
M.A.	98	2	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

**NET - 5**

29. Student progression

Student progression	Against % enrolled
UG to PG	70
PG to M.Phil.	10
PG to Ph.D.	05
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	-
• Other than campus recruitment	25
Entrepreneurship/Self-employment	15



30. Details of Infrastructural facilities

a) **Library**

College Library serves as main learning resource which provides reference books, journal, textbooks and other magazine etc. The department also maintains the Departmental Library containing reference books.

b) **Internet facilities for Staff & Students** Yes

c) **Class rooms with ICT facility**

Common facility provided by the college is used when required.

d) **Laboratories** Nil

31. Number of students receiving financial assistance from college, university, government or other agencies **300**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

**Extension Lectures (विस्तार संभाषण)**

1. प्रो.सरिता वाशिष्ठ ने 'हिन्दी गद्य साहित्य' विषय पर 20.11.2009 को व्याख्यान दिया।

2. प्रो. सुभाष चन्द ने 'आधुनिक गद्य साहित्य' विषय पर 22.02.2014 को व्याख्यान दिया।

3. प्रो. बाबू राम ने 'हिन्दी साहित्य के इतिहास का आधुनिक काल' विषय पर 22.03.2014 को व्याख्यान दिया।

4. प्रो. बाबू राम ने 'हिन्दी में रोजगार की सम्भावनाएं' विषय पर 06.10.2015 को व्याख्यान दिया।

5. प्रो. बाबू राम ने 'हिन्दी साहित्य का इतिहास' विषय पर 10.10.2016 को व्याख्यान दिया।

**Seminar**

1 राष्ट्रीय संगोष्ठी "हिन्दी साहित्य का इतिहास : मूल्यांकन और पुनर्लेखन"  
दिनांक 23.01.2011।

33. Teaching methods adopted to improve student learning

**Black board teaching through activities. Regular and remedial classes, assignments, tests, group discussions, weekly seminars.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Active participation in NCC, NSS, activities of Women Development Centre, activities of Red Ribbon Club and other clubs and societies of the College and Annual Blood Donation Camp. Students also take active part in various competitions organized by other colleges. The department organizes Dr. Rattan Chand Sharma Memorial state level poetic recitation competition every year. In addition to that the department organizes essay writing, story writing, poem writing and slogan writing competitions regularly.**

35. SWOC analysis of the department and Future plans

**Strengths**

- The department has a highly qualified faculty. All the teachers have the coveted Ph.D. degree. All are dedicated to teaching and research.
- Established in 1973, the Postgraduate Department is one of the oldest regular Hindi Department of Kurukshetra University, Kurukshetra.
- All the teachers in the department present research papers in national and international seminars and are also invited as resource persons.
- The faculty being highly qualified and the environment being very conducive, there are healthy interactions on literary subjects and current issues.
- We create cultured and civilized residents of Indian society.
- Helpful in B.Ed. and for teaching posts in schools.
- Helpful in Civil Services.

**Weakness**

- The students are not interested in languages.
- Languages not being linked to the jobs. It renders students with casual approach.

**Opportunity**

- Exposure to the students to the rich literary and cultural heritage of the language beyond their syllabus.

**Challenges**

- Upgradation of syllabi to expose the strength to the latest trends of literature.
- To involve the students in creative activities.

**Future Plans**

- To organize a National Seminar on Hindi and Media.
- To organize an International Seminar on विश्वबन्धुत्व की भावना और सन्त साहित्य
- Workshops on folk literature.

## Evaluative Report of the Department of History

1. Name of the Department **History**
2. Year of Establishment **1949**
3. Names of Programmes / Courses offered  
(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **UG**
4. Names of Interdisciplinary courses and the departments/units involved **Nil**
5. Annual/ semester/choice based credit \ system (programme wise) **Semester**
6. Participation of the department in the courses by other departments **Nil**
7. Courses in collaboration with other universities offered, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>02</b>	<b>03</b>
<b>Associate Professors</b>	<b>01</b>	<b>01</b>
<b>Assistant Professors</b>	<b>01</b>	<b>01 + 01 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Rajinder Kumar</b>	<b>M.A., M.Phil., Ph.D.</b>	<b>Associate Professor</b>	<b>Ancient Indian History, Culture &amp; Archaeology</b>	<b>26</b>	<b>Ph.D. 01 M.Phil. 04</b>
<b>Dr. Parveen Kumar</b>	<b>M.A., Ph.D.</b>	<b>Assistant Professor</b>	<b>Modern History</b>	<b>3</b>	<b>-</b>
<b>Sh. Dheeraj Kaushik</b>	<b>M.A, M.Phil.</b>	<b>Assistant Professor</b>	<b>Modern History</b>	<b>5</b>	<b>-</b>

11. List of senior visiting faculty

<b>Dr. R.K. Sharma</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. G.Khurana</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. K.L.Tuteja</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. B.K.Kathil</b>	<b>Department of Ancient Indian History, Cul.&amp; Arch., K.U. Kurukshetra</b>
<b>Dr. R.S. Sagawan</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. Chattar Singh</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr J.N. Sharma</b>	<b>Department of Gandhian &amp; Peace Studies, Punjab University Chandigarh</b>
<b>Dr. S.K. Chahal</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr M. Rajiv Lochan</b>	<b>Department of History, Punjab University Chandigarh</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **25%**
13. Student -Teacher Ratio (programme wise) **190:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. :  
**Ph.D. 2**  
**M.Phil. 1**
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**
18. Research Centre /facility recognized by the University  
**Ph.D. Guided : 1** **M.Phil. Guided : 4**

**Ph.D Submitted**

**Dr. Rajinder Kumar**

<b>S. N.</b>	<b>Name of the Candidate</b>	<b>Topic of the Thesis</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Sonia Aharwala</b>	<b>'Socio Economic Changes, 1951-1991 : A Case Study on Twin Towns Jagadhari and Yamunanagar'</b>	<b>Dravidian University, Kuppam</b>	<b>2012</b>

**M.Phil. Guided**

<b>S. N.</b>	<b>Name of the Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Usha Rani Grover</b>	<b>'Raja Ram Mohan Rai : Vyaktitav Avam Yogdan'</b>	<b>Kurukshetra University, Kurukshetra</b>	<b>2003</b>
<b>2</b>	<b>Pushpa Rani</b>	<b>'The contribution of Swami Dayanand Sarawati in Women Education'</b>	<b>M.M. University, Mullana</b>	<b>2009</b>

3	Amanpreet Kaur	Dr. B.R.Ambedkar and Upliftment of Woman	M.M. University, Mullana	2010
4	Mithlesh	Haryana main Arya Samaaj avam Shikhsha: Gurukul Khanpur Kalan ka Adhyan	M.M. University, Mullana	2010

19. Publications:

Papers Published: 18

Papers Presented: 33

**Dr. Rajinder Kumar**

1. 'The Socio Economic Conditions of Haryana from C.200 B.C. to C.300 A.D.' that has been Accepted for publication in Resarch Journal 'Facets of Buddhism' Vol.-2, 2011 – 12 Acharya Narendra Dev International Research Institute of Buddhist Studies ,Lucknow (U.P). ISBN : 978-81-910879-0-8.
2. 'Bhagat Singh's Revolutionary Ideology: Genesis and Growth' in Indian Journal of Political Science, D.A.V. College, Jalandher (Pb.). Vol. IX, No.2, Nov.2013. ISSN: 0976-8254.
3. 'Role of South India in 1857' (1857 Ki Kranthi Mein Dakshin Bharat Ka Yogdaan) published in Journal of Visual Art and Social Sciences, 2010.
4. 'Importance of Haryana in Ancient Historical Context' in Research link Journal (Ref. 517), Indore (MP)-452016 has been accepted for publication.
5. A paper titled Religious Minorities in India: An Historical Perspective" published in International Minorities Entrepreneurship and Empowerment, K.U. Kurukshetra. (In Press)

**Dr. Parveen Kumar**

1. 'Sir Chhotu Ram – A Study of His Education Journey' in 'Pramana' Research Journal, Year I, Issue 3<sup>rd</sup>, January – March 2012.
2. 'Chhotu Ram – A Visionary in Education' in Journal of People and Society of Haryana, A Biannual Referred Journal of Maharishi Dayanand University, Rohtak, Volume III, No. 2, October 2012 (ISSN 2248-9029).
3. 'Chhotu Ram – A Saviour of Peasantry' in Central India Journal of Historical and Archaeological Research (CIJHAR), Vol. I, No. 4, October -December 2012 (ISSN 2277-4157).
4. 'A Study of Ch. Sir Chhotu Ram as a Reformer' in Samay Aagam, Research Journal Languages and Social Sciences Year VIth, Vol. II, Summer 2012 (ISSN 0976-4682).
5. 'Vaidik kal mein Partinidhi Sanstha-Sabha Avam Samithi' in Drastha International Research Journal, Year 3, Vol.10 (March 2014-May 2014), ISSN: 2277-2480, Rohtak.

**Sh. Dheeraj Kaushik:**

1. 'Upniveshik Dakshini-Purvi Punjab Mein Krishi Arthvyavstha Evam Samajik Parivartan' in Kurukshetra University Research Journal (Arts & Humanities), Kurukshetra University, Kurukshetra, 2008.

2. 'Haryana: Ek Sanskritik Adhyaan' in Pramana Research Journal, April-June, Rohtak, 2013.
3. 'Upniveshik Punjab Mein Krishak Samajik Sarachna Mein Parivartan : Dakshin-Purvi Shetra Ka Ek Adhyan (1870-1947)' in Chintan Research Journal, April-June, Rohtak, 2013.
4. 'Upniveshik Kaal Mein Loharu Riyasat : Samajik Aarthik Paripakshay Mein' in Pramana Research Journal, July-Sept., Rohtak, 2013.
5. 'Nehru Ki Videsh Niti: Bharat-China Samandh Mein' in Chintan Research Journal, July-Sept., Rohtak, 2013.
6. 'Haryana Ek Etihask Dharohar' in Drashta Research Journal, June-August, 2013.
7. 'Nari Mukti Aandolan Mein Jyotibaa Phule Ki Bhumika' in Arya Research Journal, March-May, Rohtak, 2014.
8. 'Upniveshik Dakshini-Purvi Punjab Mein Ringrastata : Samrajyavadi Itihas Lekhkiye Ek Adhyan' in Sanskar Chetna International Referred Journal, Kurukshetra, March-April 2016.

#### Papers Presented

##### Dr. Rajinder Kumar

1. Presented research paper entitled "Understanding Indian Federalism in Historical Context" in International Conference on "Democracy, Federalism And Peace: Experiences of India And Other Countries"- March 04-06, 2010 (Sponsored by ICSSR New Delhi & CHE, Haryana) at Dyal Singh College, Karnal.
2. Presented a paper entitled "Religious Minorities in India: An Historical Perspective" in International Seminar on "Minorities Entrepreneurship and Empowerment" on March 23<sup>rd</sup> -25<sup>th</sup>, 2012 at the Department of History, Kurukshetra University, Kurukshetra.

##### Dr. Parveen Kumar

1. Paper presented entitled "Panchyati Raj Institutions and Empowerment Of Scheduled Castes In Haryana: An Overview" In HIRD, Nilokheri (Karnal) in National Seminar on Two Decades of 73<sup>rd</sup> Constitutional Amendment on March 4, 2014.
2. Paper presented entitled "India and China Relations Cold War Era" in UGC sponsored two day National seminar in, Dept of Politicle Science, K.U Kurukshetra, on March 14-15, 2014.
3. Paper presented entitled "Religious Awakening Among Indians for National Integration by Swami Vivekanand" KVADAV College for women, Karnal UGC Sponsored One Day National Seminar, on November 7, 2014
4. Paper presented entitled "The National Unionist Party And Chhotu Ram's Efforts To Upliftment Of Peasantry In Punjab" in National Seminar, K.U Kurukshetra, Dept of History, on December 3-4, 2014.
5. Paper presented entitled "The Conception Of Chotu Ram Towards Social, Economical And Political Reforms" in Indian History Congress, 75<sup>th</sup> session in J.N.U Delhi, on December 28-30, 2014.

6. Paper presented entitled “Nehru Model Of Economic Development And Socialism” in M.D.S.D Girls college, Ambala City, UGC Sponsored National Seminar, on February 14, 2015.
7. Attended National Seminar (UGC Sponsored) on Relevance of Gandhian Thought in Contemporary Society and presented a paper entitled “Communal Harmony And Gandhi” organized by Gandhian Study Center at Arya College Panipat, On March 26, 2015.
8. Paper presented entitled “ Partition of India and Jinnah”,in Guru Nanak Khalsa college,Karnal one day National seminar sponsored by DGHE,on October 29, 2015.
9. Paper presented entitled “Dr. B.R. Ambedkar and Upliftment of Depressed Class”, in K.U Kurukshetra, Dept of History and Jyotiba Phule Chair, K.U Kurukshetra ,two day National Seminar, sponsored by UGC/Kurukshetra University, Kurukshetra on November 27-28,2015.

**Sh. Dheeraj Kaushik**

1. Presented a paper entitled ‘Piyarelal Sharma: A Veteran Freedom Fighter of Kaithal’ at Punjab History Conference, Punjab University, Patiala, 2007.
2. Presented a paper entitled ‘Formulation and Practice of India’s Foreign Policy under Nehru’ at M.D.S.D. Girls College, Ambala City, 2012.
3. Presented a paper entitled ‘Stri Uthan Mein Jyotibaa Phule Ka Yogdan’ at Department of History, Kurukshetra University, Kurukshetra, 2013.
4. Presented a paper entitled ‘Women Empowerment in Modern Context’ at D.A.V. College, Sadhaura (Yamunanagar), 2014.
5. Presented a paper entitled ‘Nagarjun : Yatharth Chetna Evam Lokdrishti’ at D.A.V. College, Cheeka, Kaithal, 2014.
6. Presented a paper entitled ‘Role of the banking sector in Indian Agriculture’ at D.A.V. College, Cheeka, Kaithal, 2014.
7. Presented a paper entitled ‘Swami Vivekanand Evam Bharat Mein Jati Samasya’ at K.V.A.D.A.V. College for Women, Karnal, 7<sup>th</sup> November, 2014.
8. Presented a paper entitled ‘Prak Upnivashik Kaal Mein Bhumi Swamitav: Ek Adhyan’ at Department of History, Kurukshetra University, Kurukshetra, December 3-4, 2014.
9. Presented a paper entitled ‘Theme of 1947: A Study of Indian-Anglo Fiction’ at Department of History, Kurukshetra University, Kurukshetra, March 13-14, 2015.
10. Presented a paper entitled ‘Bhartiye Rashtriye Aandolan Mein Mahatma Gandhi Evam Swaraj Party’ at Arya P.G. College, Panipat, March 26, 2015.
11. Presented a paper entitled ‘Nehru Aur Loktantra’ at M.D.S.D. Girls College, Ambala City, Feb. 14, 2015.
12. Presented a paper entitled ‘Women Suffering and The Partition of Punjab’ at Guru Nanak Khalsa College, Karnal, October 29, 2015.

13. Presented a paper entitled 'Mahilaon Ka Uthan : Mahatma Jyotibaa Phule Ke Vicharon Evam Karyon Ka Ek Adhyan' at Department of History, Kurukshetra University, Kurukshetra November 27-28, 2015.
14. Presented a paper entitled 'Partition of Punjab and Women Abduction : A Study of Historical Review' at Babu Anant Ram Janta College, Kaul (Kaithal), Feb. 02, 2016.
15. Presented a paper entitled 'Upnivashik Haryana Mein Bhu-Rajasav Vyavstha' at S.A. Jain P.G. College, Ambala City, February 27, 2016.
16. Presented a paper entitled 'Zamindars in Mughal Age: A Study of Akbar Period' at Guru Nanak Khalsa College, Yamunanagar, March 02, 2016.
17. Presented a paper entitled 'The Political Ideology of Bhagat Singh', at Guru Nanak Khalsa College, Karnal, March 12, 2016.
18. Presented a paper entitled 'Mahatma Gandhi: Philosophy of Satyagraha' at Arya P.G. College, Panipat, March 28, 2016.
19. Presented a paper entitled 'Patel and the Indian Peasantry', at Department of History, Kurukshetra University, Kurukshetra, October 01, 2016.
20. Presented a paper entitled 'Role of Nehru in Nation Building' at M.D.S.D. Girls College, Ambala City, October 22, 2016.
21. Presented a paper entitled 'Role of Banda Bahadur in Haryana Region' at Department of History, Kurukshetra University, Kurukshetra, November 04, 2016.
22. Presented a paper entitled 'Bharat Vibhajan Aur Kashmir Samasya' at D.A.V. College Cheeka, Kaithal, November, 11-12, 2016.

#### Seminars Attended

##### Dr. Rajinder Kumar

1. Attended a workshop (ICHR Sponsored) on "Historiography and Historical Methods with Special Reference to Regional History", 9<sup>th</sup> January 2010 at Markanada National College, Shahabad Markanada.
2. Attended National Seminar at DAV College, Pundri (Kaithal) on 25<sup>th</sup> September 2010 and presented a paper entitled "Arya samaj aur Gurukul Shiksha padwati".
3. Attended National Seminar (UGC Sponsored) at Dyal Singh College, Karnal on November 28<sup>th</sup>-29<sup>th</sup>, 2010 and presented a paper entitled "Early Life of Bhagat Singh: Revolutionary Activities & Ideology Building".
4. Attended One day Seminar On "Quality Improvement in Higher Education in Haryana", Organized by The Kurukshetra University, Kurukshetra on 28.01.2011.
5. Attended National Seminar (UGC Sponsored) at Dyal Singh College, Karnal on Commitment in post-Colonial literature and Theory, by Department of English on February 11-12, 2011.
6. Attended National Workshop on "Promotion of Ethics And Human Values Research" (UGC Sponsored) at Dyal Singh College, Karnal from 12<sup>th</sup> -13<sup>th</sup> March, 2011.



7. Attended National workshop on “New Trends in Indian Historiography” Organized by Department of History , Kurukshetra University, Kurukshetra from 24<sup>th</sup>-26<sup>th</sup> November, 2011
8. Attended 72<sup>nd</sup> Session of the “Indian History Congress” held at Panjabi University, Patiala.10<sup>th</sup>-13<sup>th</sup>December, 2011 and presented a paper entitled “The Socio- Economic Conditions of Haryana (from c.200 B.C. to c.300 A.D.)”
9. Attended National Seminar cum Workshop (UGC Sponsored) at Arya Kanya Mahavidhalya, Shahabad Markanda on “Need & Relevance of Yoga and Pranayam in the Era of Globalization” on 27 November 2011.
10. Attended the Delhi Sustainable Development Summit Special Event on “Water Our Global Common” Organized by The Energy And Resources Institute (TERI) and Flemish Institute for Technological Research (VITO) at Indian Habitat Centre, New Delhi, India on 31 January 2012.
11. Attended National Seminar (Sponsored by Director General, Higher Education, Haryana) on “Social Evils in North India with Special Reference to Haryana”(Historical perspective) and presented a paper entitled “Shiksha mein Arya samaj ka Yogdhaan-A study” at Guru Nanak Khalsa College, Karnal on 30<sup>th</sup> January 2012.
12. Attended national workshop on Ancient Indian scientific Heritage (AISH-2014) on November 11,2014 organised by department of A.I.H, cul.and Arch.com K.U. Kurukshetra and Vigyan Bharti, Haryana.
13. Attended National Seminar (UGC Sponsored) on Relevance of Gandhian Thought in Contemporary Society and presented a paper entitled “Communal Harmony And Gandhi” organized by Gandhian Study Center at Arya College Panipat, On March 26, 2015.

**Sh. Dheeraj Kaushik**

1. Attended National Seminar on ‘End of History : Myth or Reality’ organized by Department of History and Political Science at Dyal Singh College, Karnal, February 15-16, 2008.
2. Attended Punjab History Conference organized by Department of Punjab Historical Studies, at Punjabi University, Patiala, March 14-16, 2009.
3. Attended National Seminar on ‘Revisiting 1962 India-China War’ organized by Department of History at Government College, Ambala Cantt., November 9, 2009.
4. Attended Punjab History Conference organized by Department of Punjab Historical Studies, at Punjabi University, Patiala, March 19-21, 2010.
5. Attended International Seminar on ‘Minorities Entrepreneurship and Empowerment’ organized by Department of History at K.U., Kurukshetra, March 23-25, 2012.
6. Attended National Seminar on ‘Revisiting Baba Banda Singh Bahadur and His Times’ organized by K.U., Kurukshetra, April 2-3, 2013.

7. **Attended National Workshop on ‘Gender Sensitization for Social Equilibrium’ organized by Dayanand Mahila Mahavidyalaya, Kurukshetra, March 10, 2016.**

**Other Achievements**

**Dr Rajinder Kumar**

1. **Member Academic Council from 28<sup>th</sup> March 2011-13 of Kurukshetra University, Kurukshetra.**
2. **Member Academic Council from 2004-06 of Kurukshetra University, Kurukshetra.**
3. **Life member of All India History Congress.(L M 1543).**
4. **Examiner/Paper Setter and Member of Curriculum Designing Committee for U.G. & P.G. Courses of Kurukshetra University, Kurukshetra.**
5. **Observer/ Convener of the Flying Squad of Kurukshetra University and other Universities examinations.**
6. **Member of the UMC Committee for the Examinations 2013-2014,2015-16 of Kurukshetra University, Kurukshetra.**
7. **Member, U.G. board of Studies K. U. Kurukshetra 2013-15.**
8. **Acedemic Cousellor IGNOU , Special Study Centre Karnal.**
9. **Member of District Yuva Advisory Committee, Nehru Yuva Kendra Karnal.**
10. **Member of advisory Board of Sanskar Chetna , International research Journal ISSN 2347- 4041.**

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|--|------------|
| * Number of papers published in peer reviewed journals (national / international) by faculty and students  | <b>09</b>  |
| * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) | <b>Nil</b> |
| * Monographs   | <b>Nil</b> |
| * Chapter in Books   | <b>Nil</b> |
| * Books Edited   | <b>Nil</b> |
| * Books with ISBN/ISSN numbers with details of publishers  | <b>Nil</b> |
| * Citation Index   | <b>Nil</b> |
| * SNIP   | <b>Nil</b> |
| * SJR  | <b>Nil</b> |
| * Impact factor  | <b>12</b>  |
| * h-index  | <b>Nil</b> |
| 20. Areas of consultancy and income generated  | <b>Nil</b> |
| 21. Faculty as members in  |            |
| a) National committees   |            |

**Dr.Rajinder Kumar**

- **Life Member, All India History Congress (LM-1543)**
- **Member, Academic Council (2011-2013), Kurukshetra University, Kurukshetra**

**Dr. Parveen Kumar**

- **Member, All India History Congress (AM-23071)**

- b) International Committees **Nil**
- c) Editorial Boards **Nil**

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme **Nil**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **Nil**

23. Awards/ Recognitions received by faculty and students **Nil**

24. List of eminent academicians and scientists/ visitors to the department

<b>Sh. D. K. Raina</b>	<b>Honrary Secretary, Dyal Singh College Trust Society, Karnal</b>
<b>Sh. Arvind Kaul, IAS (Retd.)</b>	<b>Former Chief Secretary, HP Govt. and Chairman H.P. Public Service Commission and Trustee, Dyal Singh College Trust Society, Karnal.</b>
<b>Dr. K.L. Johar</b>	<b>Ex. Vice Chancellor, GJUST, Hisar</b>
<b>Prof. R.N. Paul</b>	<b>Ex-Pro V.C, Punjabi University, Patiala</b>
<b>Dr. R. K. Sharma</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. G. Khurana</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. K.L. Tuteja</b>	<b>Department of History, K.U., Kurukshetra</b>
<b>Dr. B.K. Kathil</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. R.S. Sagawan</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. Chattar Singh</b>	<b>Department of History, K.U. Kurukshetra</b>
<b>Dr. Tariq Islam</b>	<b>Department of Political Science, Aligarh Muslim University, Aligarh</b>
<b>Dr. Arshi Khan</b>	<b>Dept. of Political Science, Aligarh Muslim University, Aligarh</b>
<b>Dr. Upendra Choudhuary</b>	<b>Dept. of Political Science, Aligarh Muslim University, Aligarh</b>
<b>Dr. P.D. Sharma</b>	<b>Dept. of Political Science, Kurukshetra University Kurukshetra</b>
<b>Dr. Jagroop Shekhon</b>	<b>Dept. of Political Science, GNDU, Amritsar</b>
<b>Dr. Ranbir Singh</b>	<b>Dept. of Political Science, K.U. Kurukshetra</b>
<b>Dr. Anwar Alam</b>	<b>Dept. of Political Science, JMI, New Delhi</b>
<b>Dr. V.Ishwar Anand</b>	<b>Assistant Editor, The Tribune, Chandigarh</b>
<b>Dr. V.K. Malhotra</b>	<b>Principal, M.N. College, Shahabad Markanda</b>
<b>Sh. R.P. Fuliya, IAS</b>	<b>Financial Commissioner, Principal Secretary, Haryana</b>
<b>Dr. Hukum Singh</b>	<b>Controller of Examination, K. U., Kurukshetra</b>
<b>Sh. Sanjay Kumar</b>	<b>Deputy Director, Lokniti, CSDS, New Dehli</b>
<b>Dr. Rajesh Jha</b>	<b>Department of Political Science, Rajdhani College, New Delhi</b>
<b>Sh. H.S. Chattha</b>	<b>Hon'ble Speaker, Haryana Vidhan Sabha</b>

Sh. Abhey Sandhu	Nephew of Bhagat Singh
Dr. Leela Yadav	Department of Political Science, K.U. Kurukshetra
Dr. Saroj Malik	Department of Political Science, K.U. Kurukshetra
Dr. R. S. Yadav	Department of Political Science, K.U. Kurukshetra
Dr. M.M. Juneja	Eminent Scholar on Bhagat Singh
Prof. M.S. Warraich	Eminent Scholar on Bhagat Singh
Sh. R K Singh, HCS	SDM, Assandh, Karnal
Dr. Anil Dutt Mishra	Deputy Director, National Museum, New Delhi
Dr. Suparn Sharma	School of Business Economics, SMVD University, Katra
Dr.J.N. Sharma	Department of Gandhian Studies, Punjab University, Chandigarh
Dr.S.K. Chahal	Department of History, K.U. Kurukshetra
Dr. M. Rajiv Lochan	Department of History, Punjab University Chandigarh

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National 04

- National Seminar on End of History: Myth or Reality on February 15-16, 2008 funded by UGC, New Delhi.
- National Seminar on National Movement in Haryana on April 12<sup>th</sup>, 2010 funded by Archived Dept., Govt. of Haryana.
- National Seminar on Ideological Evolution of Bhagat Singh on November 28<sup>th</sup>-29<sup>th</sup>, 2010 funded by UGC, New Delhi.
- National Workshop on Promotion of Ethics And Human Values Research on March 12-13, 2011 funded by UGC, New Delhi .

b) International Nil

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16	
	Applications received	Selected	Enrolled *M *F	Pass %age	
B.A. I	908	263	225 17	38.96	
B.A. II	177	177	157 11	41.67	
B.A. III	131	131	120 08	53.57	

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. A.	97	3	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? 40

29. Student progression

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus recruitment	
Entrepreneurship/Self-employment	20%

30. Details of Infrastructural facilities

- a) **Library** Yes
- b) **Internet facilities for Staff & Students** Yes
- c) **Class rooms with ICT facility**  
Yes. The common facilities provided by the college are used.
- d) **Laboratories** Nil

31. Number of students receiving financial assistance from college, university, government or other agencies **102**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- **Dr. B. K. Kathil, Chairman, Department of Ancient Indian History, Culture & Archaeology, K.U. Kurukshetra for an extension lecture on topic 'Indian Culture: Characteristics and Challenges' on 10<sup>th</sup> November 2009.**
- **Dr. Chatter Singh, Professor & Chairman, Department of History K.U. Kurukshetra for an extension lecture on topic 'Uniqueness of Indian History & Culture' on 25<sup>th</sup> August 2011.**
- **Dr. R. S. Sangwan, Professor & Chairman, Department of History K.U. Kurukshetra for an extension lecture on topic 'Political Institution in Mughal Period' on 7<sup>th</sup> March, 2011.**
- **Dr Jai Narain Sharma, Professor, Department of Gandhian Studies, Punjab University for an extension lecture on the topic 'Relevance of Mahatma Gandhi in the age of Globalization' on 22<sup>nd</sup> March 2014.**
- **Dr S.K. Chahal, Department of History, K.U.Kurukshetra for an extension lecture on the topic 'Mahatma Gandhi and An Historical Estimate' on 31<sup>st</sup> March 2015.**
- **Dr M. Rajiv Lochan, Department of History, Punjab University, Chandigarh for an extension lecture on the topic 'India, the Country, Nation and State and Its History' on 8<sup>th</sup> September 2016.**

33. Teaching methods adopted to improve student learning

**Along with class room teaching, chart / models and electronic equipments are being used. Moreover the available lectures in the Compaq disk of eminent scholars are used. The various historical monuments are discussed using the animations and education tour on excavated sites is organized.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**The students actively participate in NSS Camps and Blood donation.**

35. SWOC analysis of the department and Future plans

**Strengths**

- Well researched publications and sustained research activities.

**Weakness**

- Comparatively limited direct job opportunities after graduation.

**Opportunity**

- Favoured subject for State/National level competitive exams.

**Challenge:**

- To make the subject more attractive with the use of multi-media teaching aids and efforts to improve communication skills.

**Future Plans:**

- To give upward swing to the students the department envisages to start P.G. in History and also to make it up to date to start B.A. (Hons.) programme in History in coming years.

## Evaluation Report of the Department of Mathematics

1. Name of the Department **Mathematics**
2. Year of Establishment **1952**
3. Names of Programmers/Courses offered  
(UG, PG, M.Phil., Ph.D., Integrated Masters;  
Integrated Ph.D., etc.) **UG  
B.Sc., B.A., B.Com, B.C.A.**
4. Names of Interdisciplinary courses and  
the departments/units involved **B.C.A. , B.Com.,  
M.Sc. Chemistry and  
M.Sc. Forensic Science**
5. Annual/semester/choice based credit  
system (programme wise) **Semester**
6. Participation of the department in the  
courses offered by other departments **Chemistry, Commerce and  
Computer Science,  
Forensic Science**
7. Courses in collaboration with other  
universities, industries, foreign institutions etc. **Nil**
8. Details of courses/programmes discontinued  
(if any) with reasons **Nil**
9. Number of teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>03</b>	<b>11</b>
<b>Associate Professors</b>	<b>01</b>	<b>01</b>
<b>Assistant Professors</b>	<b>02</b>	<b>02 + 08 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./  
D.Litt./ Ph.D. / M.Phil. etc.,)

Name	Qualification	Design- ation	Specializ- ation	No. of years of exper- ience	No. of M.Phil./ Ph.D. students guided for the last 4 years
<b>Ms. Sarita Ganotra</b>	<b>M.A., M.Phil.</b>	<b>Associate Professor</b>	<b>Pure Mathematics</b>	<b>21</b>	<b>-</b>
<b>Dr. Vishakha Gupta</b>	<b>M.Sc., Ph.D., NET</b>	<b>Assistant Professor</b>	<b>Applied Mathematics</b>	<b>10</b>	<b>-</b>
<b>Dr. Vivek Parkash</b>	<b>M.Sc., Ph.D., NET</b>	<b>Assistant Professor</b>	<b>Pure Mathematics</b>	<b>11</b>	<b>-</b>
<b>Ms.Mansi</b>	<b>M.A.</b>	<b>Assistant Professor</b>	<b>Pure Mathematics</b>	<b>05</b>	<b>-</b>
<b>Sh. Yogesh</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Pure Mathematics</b>	<b>1½</b>	<b>-</b>
<b>Ms. Kamal Preet</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Applied Mathematics</b>	<b>-</b>	<b>-</b>

<b>Ms.Jyotsna</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Pure Mathematics</b>	<b>04</b>	<b>-</b>
<b>Ms. Pooja Garg</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Pure Mathematics</b>	<b>01</b>	<b>-</b>
<b>Ms. Shweta</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Applied Mathematics</b>	<b>06 months</b>	<b>-</b>
<b>Ms. Shruti</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Applied Mathematics</b>	<b>06 months</b>	<b>-</b>
<b>Ms. Bharti</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Applied Mathematics</b>	<b>06 months</b>	<b>-</b>

11. List of senior visiting faculty

<b>Dr. L.R. Vermani</b>	<b>Prof. (Retd.) Department of Mathematics, K.U. Kurukshetra</b>
<b>Dr. Ram Karan</b>	<b>Professor, Department of Mathematics, K.U. Kurukshetra</b>
<b>Dr. Dinesh Kumar</b>	<b>Professor, Department of Geo-Physics, K.U. Kurukshetra</b>
<b>Dr. S.L. Saini</b>	<b>Associate Professor (Retd.), M.L.N. College, Yamuna Nagar</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**B.A./B.Sc. 70%**  
**B.Com. 100%**  
**B.C.A. 100%**  
**M.Sc. 100%**

13. Student-Teacher Ratio (programme wise)

**B.Sc. 88:1**  
**B.Com. 82:1**  
**B.C.A. 74:1**  
**M.Sc. 13:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

**Nil**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D./M.Phil./PG:

**Ph.D. 02**  
**M.Phil. 01**  
**P.G. 08**

16. Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received

a) National

**1**

**Dr. Vishakha Gupta**

**1. One minor research project titled 'Wave propagation in porous piezoelectric materials' by UGC of amount Rs. 75,000 (Completed).**

b) International

**Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

**Nil**

18. Research Centre/facility recognized by the University **Nil**



19. Publications:

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (national/international) by faculty and students.

**Papers Published : 08**

**Papers Presented : 13**

**Papers Published :**

**Dr. Vishakha Gupta**

1. Anil K. Vashishth and Vishakha Gupta, 'Vibrations of Porous Piezoelectric ceramic plates', *Journal of Sound and Vibrations*, 325, 2009, 781-797
2. Anil K. Vashishth and Vishakha Gupta, 'Wave propagation in transversely isotropic porous piezoelectric materials', *International Journal of Solids and Structures*, 46, 2009, 3620-3632.
3. Anil K. Vashishth and Vishakha Gupta, 'Uniqueness theorem, theorem of reciprocity, and eigenvalue problems in linear theory of porous piezoelectricity', *Applied Mathematics and Mechanics English Ed.*, 32(4), 2011, 479-494.
4. Anil K. Vashishth and Vishakha Gupta, 'Ultrasonic wave's interaction at fluid-porous piezoelectric layered interface', *Ultrasonics*, 53(2), 2013, 479-494.

**Dr. Vivek Parkash:**

1. Stability of Hydrodynamical systems using Normal mode Technique' in *International Journal of Research*. Vol. I, Issue-6. July 2014. ISSN 2348-6848.
2. Porosity, Permeability and Darcy's Law in *International Journal of Research*. Vol. I, Issue-8. September 2014. ISSN 2348-6848.
3. Linear Operator Form of an Integral Equation to Discuss Nature of Solution in *International Journal of Research*. Vol. III, Issue-8. September 2015. ISSN 2319-8400.
4. Mathematics in Advancements of Science and Technology- Boon for Society' in *International Journal of Research*. Vol. IV, Issue-3. April 2016. ISSN 2348-6848.

**Papers Presented:**

**Dr. Vishakha Gupta**

1. Anil K. Vashishth and Vishakha Gupta, Vibrations of porous piezoelectric ceramic plates, *53<sup>rd</sup> Congress of ISTAM (An International Meet)* held during 27<sup>th</sup>-30<sup>th</sup> December, 2008 at University College of Engineering (A), Osmania University, Hyderabad.
2. Anil K. Vashishth and Vishakha Gupta, Thickness shear resonance frequencies of coated or uncoated porous piezoelectric crystal plate with electrode thin film, National Seminar on '*Social Development under the aegis of Operational Research*' organised by Department of Mathematics, Manohar Memorial P.G. College, Fatehabad on March 21-22, 2009.

3. Anil K. Vashishth, Ashok K. Dahiya and Vishakha Gupta, Propagation of Lamb waves in porous piezoelectric plate, *97<sup>th</sup> Indian Congress* held at University of Kerela, Thiruvanthapuum, during 3-7<sup>th</sup> January, 2010.
4. Anil K. Vashishth and Vishakha Gupta, Saint Venant's principle for linear porous piezoelectric, *National Conference on Mathematical Modelling and Simulation (MMSim10)*, held at Department of Mathematics, Guru Jambheshwar University of Science and Technology, Hisar during March 20-21, 2010.
5. Vishakha Gupta, Influence of Piezoelectricity on Reflection and Transmission of Electroacoustic Waves at a Fluid-Solid Interface, *55<sup>rd</sup> Congress of ISTAM (An International Meet)* held during 18<sup>th</sup>-21<sup>th</sup> December, 2010 at National Institute of Technology, Hamirpur.
6. Anil K. Vashishth and Vishakha Gupta, 'Vibrations of porous piezoelectric plates', presented in National Seminar, organised by D.A.V. College Sadhuara, Yamuna Nagar w.e.f 26-27 November, 2010.
7. Anil K. Vashishth and Vishakha Gupta, Free vibrations of porous piezoelectric plate, *99<sup>th</sup> Indian Science Congress* held at KITM University, Bhubneshwar during 3-7<sup>th</sup> January, 2012.
8. Anil K. Vashishth and Vishakha Gupta, Free Vibrations of Smart Materials, *National Conference on Recent Advances in Material Science* at Dyal Singh College, Karnal from February 25 - 26, 2012.
9. Anil K. Vashishth and Vishakha Gupta, Two dimensional wave propagation in hexagonal porous piezoelectric materials, *International Conference in Mathematical Sciences (ICMS-2013)*, organised by Government Degree College, Haripur, Manali, during 8-9 March, 2013.
10. Anil K. Vashishth and Vishakha Gupta, Reflection and transmission of waves in porous piezoelectric plate immersed in a fluid, *National Conference On Recent Advances In Continuum Mechanics*, organised by H.P. University, Shimla, During 29-30 March, 2013.
11. Anil K. Vashishth and Vishakha Gupta, Two dimensional wave propagation in hexagonal porous piezoelectric materials, *Science congress*, organized by University of Jammu, Jammu during 3-7 Febuary, 2014.
12. Vishakha Gupta and Anil K. Vashishth, Wave propagation in monoclinic porous piezoelectric materials, National Seminar, organized by Maharaja Aggersen College, Yamunanagar, 26 November, 2015.
13. Vishakha Gupta, Wave propagation in hexagonal porous piezoelectric materials, National Seminar, organized by Guru Nanak Khalsa College, Karnal, 19 March, 2016.

**Seminars/Conferences Attended :**

**Ms. Sarita Ganotra**

1. Attended one day seminar on Role of Mathematics in Scientific Research on Sept. 20, 2012 at Govt. College, Pachkula.

2. Attended two days National Conference on Recent Advances in Material Advances on Feb. 25-26, 2012 at Dyal Singh College, Karnal.
3. Attended three days National Conference cum Workshop on Study of Biodiversity in Today's Perspective on March 10-12, 2012 at Dyal Singh College, Karnal.
4. Attended two days National Seminar on Mathematics on March 14-15, 2012 at Tika Ram P.G. Girls College, Sonapat.
5. Attended one day National Seminar on Latest Trends in Algebra and Analysis on March 19, 2016 organised by Guru Nanak Khalsa College, Karnal.

**Dr. Vivek Prakash Tyagi**

1. Attended one day National Seminar on New Science Horizons at G.N. Khalsa College, Yamuna Nagar on Feb. 24, 2010.
2. Attended National Seminar on Science as a Living Reality: Current Scenario and Emerging Challenges at Hindu Girls College, Jagadhari on Feb. 26, 2011.
3. Attended UGC sponsored Three Day National Seminar cum Workshop on the topic 'Study of Biodiversity in Today's perspective' at Dyal Singh College, Karnal.

**Other Achievements :**

**Ms. Sarita Ganotra**

1. Acted as Subject Expert in Dyal Singh Public School, Dyal Singh Colony Branch, Karnal on July 29, 2009.

**Dr. Vivek Parkash**

1. Appointed as Supervisor for Socio-Economic caste census 2011.
2. Conferred the Degree of Doctor of Philosophy on the topic 'Hydromagnetic Stability of Stratified Thermal Shear Flows in Porous Medium'.
3. Performed duty of Presiding Officer in General Elections to House of People Elections in 2014.
4. Subject Expert for Interview in DAV PG College, Karnal on 12/07/2014.
5. Performed duty of Presiding Officer in Haryana Vidhansabha Elections in Oct 2014.
6. Performed duty as Observer in Haryana Panchayat Elections in 2015-2016.

- |  |            |
|--|------------|
| * Number of papers published in peer reviewed journals (national / international) by faculty and students  | <b>08</b>  |
| * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) | <b>Nil</b> |
| * Monographs   | <b>Nil</b> |
| * Chapter in Books   | <b>Nil</b> |
| * Books Edited   | <b>Nil</b> |

- \* Books with ISBN/ISSN numbers with details of publishers **07**
- Ms. Sarita Ganotra**
1. Sequence and Series, B.A./B.Sc. IVth Sem. Jeevansons Publications ISBN: 93-80896-18-2.
  2. Linear Algebra, B.A./B.Sc. VIth Sem. Jeevansons Publications ISBN: 93-80896-39-5.
- Dr. Vishakha Gupta**
1. Programming in C and Numerical methods, B.A./B.Sc. IVth Sem. Jeevansons Publications ISBN: 93-80896-20-4
  2. Real and Complex Analysis, B.A./B.Sc. VIth Sem. Jeevansons Publications ISBN: 93-80896-41-7.
- Dr. Vivek Parkash**
1. Elements of mathematical foundations III, B.C.A. III Sem. Jeevansons Publications ISBN: 93-80896-11-3.
  2. 'Elements of Elements of Dynamics' for B.A./B.Sc. III ISBN: 9789380896403.
  3. 'Elements of Mathematical Foundations of Computer Science - III'(KU Paper 236)-ISBN: 9789380896113.
- \* Citation Index **Nil**
- \* SNIP **Nil**
- \* SJR **Nil**
- \* Impact factor **15**
- \* h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faulty as members in
- (a) National committees
- Ms. Sarita Ganotra :**
1. Member, Board of Under Graduate Studies of Mathematics, K.U. Kurukshetra w.e.f. 22.09.2016 for two years.
- (b) International Committees **Nil**
  - (c) Editorial Boards
- Dr. Vivek Parkash :**
1. Member, Editorial Board, International Scholarly Open Access Research (ISOAR), Journal for Studies in Management and Planning, ISSN:2395-0463 (2014-15, 2015-16).
22. Student projects
- (a) Percentage of students who have done in-house projects including interdepartmental/programme **Nil**
  - (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/other agencies **Nil**
23. Award/Recognizations received by faculty and students **01**
- Ms. Sarita Ganotra**  
Honoured by Manav Kalyan Mandal on May 27, 2012.

24. List of eminent academicians and scientists/visitors to the department:

<b>Dr. L.R. Vermani</b>	<b>Prof. (Retd.), Department of Mathematics, K.U. Kurukshetra</b>
<b>Dr. Ram Karan</b>	<b>Professor, Department of Mathematics, K.U. Kurukshetra</b>
<b>Dr. Dinesh Kumar</b>	<b>Professor, Department of Geo-Physics, K.U. Kurukshetra</b>
<b>Dr. S.L. Saini</b>	<b>Assoc.Prof. (Retd.),M.L.N. College, Yamuna Nagar</b>

25. Seminars/conferences/Workshops organized and the source of funding

- (a) National Nil  
 (b) International Nil

26. Student profile programme/course

Name of the Course /programme	2016-17			2015-16	
	Application received	Selected	Enrolled *M *F		Pass %age
<b>B.A. /B.Sc. I</b>	<b>1110</b>	<b>351</b>	<b>236</b>	<b>115</b>	<b>44.72</b>
<b>B.A. /B.Sc. II</b>	<b>302</b>	<b>302</b>	<b>182</b>	<b>120</b>	<b>62.93</b>
<b>B.A. /B.Sc. III</b>	<b>335</b>	<b>335</b>	<b>181</b>	<b>154</b>	<b>66.10</b>
<b>B.Com. I</b>	<b>939</b>	<b>245</b>	<b>157</b>	<b>88</b>	<b>80.41</b>
<b>B.Com. Hons I</b>	<b>213</b>	<b>65</b>	<b>28</b>	<b>37</b>	<b>-</b>
<b>B.C.A. I</b>	<b>167</b>	<b>66</b>	<b>51</b>	<b>15</b>	<b>52.24</b>
<b>B.C.A. II</b>	<b>48</b>	<b>48</b>	<b>32</b>	<b>16</b>	<b>95.34</b>
<b>M.Sc. (P) Chemistry</b>	<b>41</b>	<b>41</b>	<b>03</b>	<b>38</b>	<b>100.00</b>

27. Diversity of students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
<b>B.Sc.</b>	<b>98%</b>	<b>2%</b>	<b>Nil</b>
<b>B.Com.</b>	<b>99%</b>	<b>1%</b>	<b>Nil</b>
<b>B.C.A.</b>	<b>100%</b>	<b>Nil</b>	<b>Nil</b>
<b>B.A.</b>	<b>100%</b>	<b>Nil</b>	<b>Nil</b>
<b>M.Sc.</b>	<b>90%</b>	<b>10%</b>	<b>Nil</b>

28. How many students have cleared National and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. **6 NET**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>50</b>
PG to M.Phil.	<b>-</b>
PG to Ph.D.	<b>-</b>
Ph.D. to Post-Doctoral	<b>-</b>
Employed • Campus Selection • Other than campus recruitment	<b>15</b>
Entrepreneurship/self-employment	<b>10</b>

30. Details of Infrastructural facilities

- (a) **Library** **Yes**

(b) Internet facilities for staff & students Yes

(c) Class rooms with ICT facility

The common facilities provided by the college are used.

(d) Laboratories

Yes

31. Number of students of the college receiving financial assistance from college, university, government or other agencies **150**

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

- **Extension lectures are delivered by the experts listed in column 11.**
- **Quiz competitions are arranged regularly.**
- **Seminars are arranged on regular basis.**
- **PPTs, Quantative Aptitude cum reasoning competitions are organised regularly.**

33. Teaching methods adopted to improve student learning:

- **ICT devices like computer, internet and PPTs are used to make teaching effective.**
- **Students are encouraged to use LCD, OHP and other ICT devices.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities. **Women Development Centre, Blood donation, Red-Ribbon Club, Plantation and activities like Environmental awareness in N.S.S units.**

35. SWOC analysis of the department

#### Strengths

- **In Science stream maximum number of student study Mathematics.**
- **Young, dedicated and highly qualified staff.**
- **Separate computer laboratory for the department.**
- **A huge collection of books for the teachers and the students of the department.**
- **Research papers and journals for the teachers.**
- **Recreational activities related to Mathematics like Quiz, Seminars, Career talks, PPTs, Quantative Aptitude cum reasoning competitions etc.**
- **Free environment is provided by the college authorities to the faculty members to pursue research and other creative interests.**
- **Departmental library with latest books.**
- **Interenet and wi-fi facilities for the department.**

#### Weaknesses

- **More number of contractual faculty.**
- **Most of the students, being from rural background, lack exposure and communication skills.**

#### Challenges

- **To make Mathematics more interesting subject by involving new teaching techniques and methods.**

#### Opportunity

- **Lots of job opportunities in pubic and private institutions.**

#### Future plans

- **To start M.Sc. Mathematics.**

## Evaluation Report of the Department of Punjabi

1. Name of the Department **Punjabi**
2. Year of Establishment **1949**
3. Names of programmes/courses offered **UG**
4. Names of Interdisciplinary courses and the departments/units involved **Nil**
5. Annual/semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>01</b>	<b>01</b>
<b>Associate Professor</b>	<b>-</b>	<b>-</b>
<b>Assistant Professor</b>	<b>01</b>	<b>01</b> (contractual basis)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of M.Phil./Ph.D. students guided for the last 4 years
<b>Dr. Balvinder Singh</b>	<b>Ph.D.</b>	<b>Assistant Professor</b>	<b>Punjabi Poetry</b>	<b>03</b>	<b>-</b>

14. List of senior visiting faculty

<b>Dr. Gurdev Singh</b>	<b>Department of Punjabi, Govt. College, Ambala Cantt.</b>
<b>Dr. Rajinder Singh Bhatti</b>	<b>Chairman, Department of Punjabi &amp; Dean, Faculty of Arts and Languages, K.U. Kurukshetra.</b>
<b>Dr. Chuhar Singh</b>	<b>Head, Department of Punjabi, M.N. College, Shahabad Markanda.</b>
<b>Dr. Paramjeet Kaur</b>	<b>Department of Punjabi, K.U. Kurukshetra.</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty **Nil**
13. Student-Teacher Ratio (programme wise) **50:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **Nil.**

15. Qualifications of teaching faculty with D.Litt/Ph.D./M.Phil./PG **Ph.D.- 1**
16. Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**
18. Research Centre/facility recognized by the University **Nil**
19. Publications:
- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (national/international) by faculty and students.

**Paper Published : 6**

**Dr. Balvinder Singh**

1. Research paper titled ‘ਅਮਰਜੀਤ ਕੌਂਕੇ ਦੀ ਕਵਿਤਾ ਦੇ ਵਿਭਿੰਨ ਥੀਮਕ ਪਾਸਾਰ (ਸਿਮਰਤੀਆਂ ਦੀ ਲਾਲਟੈਨ ਦੇ ਆਧਾਰ ’ਤੇ)’ published in International Research Journal Drashta, pp. 279-286, June 2013-August 2013, ISSN 2277-2480.
  2. Research paper titled ‘ਡਾ. ਰਜਿੰਦਰ ਸਿੰਘ ਭੱਟੀ ਦਾ ਗੀਤ-ਸੰਗ੍ਰਹਿ (ਰਮਜ਼ ਇਸ਼ਕ ਦੀ :ਇਕ ਅਧਿਐਨ)’ published in International Research Journal Chintan, pp. 198-202, July 2013- September 2013, ISSN : 2229-7227.
  3. Research paper titled ‘ਡਾ. ਰਮੇਸ਼ ਕੁਮਾਰ ਦੀ ਕਵਿਤਾ ਦੇ ਵਿਭਿੰਨ ਪਾਸਾਰ ਬੋਤੁੱਕ-ਬੋਲਗਾਮ ਦੇ ਸੰਦਰਭ ਵਿਚ’ published in International Research Journal Chintan, pp. 446-450, January – March 2014, ISSN : 2229-7227.
  4. Research paper titled ‘ਸੁਖਵਿੰਦਰ ਅੰਮ੍ਰਿਤ ਦੀ ਕਵਿਤਾ ਦਾ ਵਿਚਾਰਧਾਰਕ ਪਰਿਪੇਖ’ published in International Research Journal Hindu, pp. 439-444, February 2015- April 2015, ISSN : 2348-0114.
  5. Research paper titled ‘ਸਵਰਨਜੀਤ ਸਵੀ ਦੀ ਕਾਵਿ-ਸੰਵੇਦਨਾ’ published in International Research Journal ‘Research Link’, Issue 139, Vol XIV (8), pp.24-25, October 2015, ISSN : 0973-1628.
  6. Research paper titled ‘ਸੁਰਜੀਤ ਪਾਤਰ ਦਾ ਕਾਵਿ-ਸੰਗ੍ਰਹਿ ‘ਬਿਰਖ ਅਰਜ਼ ਕਰੇ’: ਮੂਲ ਸਰੋਕਾਰ’ published in Kurukshetra University Research Journal (Arts and Humanities) Editor Prof. Sushma Sharma, Vol. XLVII-2013 (Part-II), pp. 28-36, ISSN 0454-6952.
- \* Number of papers published in peer reviewed journals (national/international) by faculty and students **Nil**
- \* Number of publication listed in international Database (for example web of science, Scopus, Humanities International complete, Dare Database-International Social Science Directory, ESBCo host, etc. **Nil**
- \* Monographs **Nil**
- \* Chapter in books **6**

**Dr. Balvinder Singh**

1. ‘ਰਜਿੰਦਰ ਸਿੰਘ ਭੱਟੀ :ਬਹੁ-ਪੱਖੀ ਪ੍ਰਤਿਭਾ ਵਾਲਾ ਸ਼ਾਇਰ’ published in the Book ‘Kav Surokar Ate Samvedna’ Edited by Sh Harsimran Singh Randhawa, pp. 156-159 (2014), ISBN 978-93-80906-81-2.
2. ‘ਅਮਰਜੀਤ ਕੌਂਕੇ ਦੀ ਕਵਿਤਾ ਦਾ ਵਿਚਾਰਧਾਰਕ ਪਰਿਪੇਖ’ published in the Book ‘Amarjeet Kaunke – Kav : Phadh Te Perbandh (Criticism)’ Edited by Dr Bhupender Kaur, pp. 11-25 (2015) ISBN 978-93-81105-54-2.



3. ‘ਵਾਰਿਸ ਰਚਿਤ ‘ਹੀਰ’ ਵਿਚ ਪੇਸ਼ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ’ published in the Book ‘Shodh Path’ Edited by Dr. Basant Bansal, pp.193-200 (2015), ISBN 978-93-84312-50-3.	
4. ‘ਵਿਚਾਰਧਾਰਾ, ਸਾਹਿਤ ਤੇ ਕਵਿਤਾ’ published in the Book ‘Punjab Sahit Samikha : Nav Paripekh’ Edited by Dr Rajinder Singh Bhatti, pp. 122-131 (2016) ISBN 978-93-85670-19-D.	
5. ‘ਸਮਕਾਲੀ ਪੰਜਾਬੀ ਕਾਵਿ ਪ੍ਰਵਚਨ-ਵਸਤੂ ਤੇ ਵਿਧੀ’ published in the Book ‘Sahit Adhyan : Vibhinn Drishtyan’ Edited by Dr Rajinder Singh Bhatti, pp. 166-175(2016) ISBN 978-93-85670-20-6.	
6. ‘ਸਮਕਾਲੀ ਪੰਜਾਬੀ ਕਵਿਤਾ :ਦਸ਼ਾ ਤੇ ਦਿਸ਼ਾ’ published in the Book ‘Punjabi Bhasha, Sahit Ate Sabhyachar Navian Chunaution’ Edited by : Dr Chuhar Singh, pp. 67-73 (2016), ISBN 978-93-83338-77-1.	
* Books edited	01
<b>Dr. Balvinder Singh:</b>	
1. Editor of the book ‘Kav-Darishti’, Edition 2016 published by Sapatrishi Publications, Chandigarh, ISBN 978-81-932959-8-4.	
* Books with ISBN/ISSN numbers with details of publishers:	Nil
* Citation index:	Nil
* SNIP:	Nil
* SJR:	Nil
* Impact factor:	05
* H-index:	Nil
20. Areas of consultancy and income generated	Nil
21. Faulty as members in	
(a) National committees (b) International Committees	Nil
(c) Editorial Boards	
22. Student projects	
a) Percentage of students who have done in-house projects including interdepartmental/programme	Nil
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	Nil
23. Award/Reorganizations received by faculty and students	Nil
24. List of eminent academicians and scientists/visitors to the department	
<b>Dr. Gurdev Singh</b>	<b>Department of Punjabi, Govt. College, Ambala Cantt.</b>
<b>Dr. Rajinder Singh Bhatti</b>	<b>Chairman, Department of Punjabi &amp; Dean, Faculty of Arts and Languages, K.U. Kurukshetra.</b>
<b>Dr. Chuhar Singh</b>	<b>Head, Department of Punjabi, M.N. College, Shahabad Markanda.</b>
<b>Dr. Paramjeet Kaur</b>	<b>Department of Punjabi, K.U. Kurukshetra.</b>

25. Seminars/conferences/Workshops organized and the source of funding

- (a) National Nil  
 (b) International Nil

26. Student profile programme/course

Name of the Course/ programme	2016-17			2015-16
	Applications Received	Selected	Enrolled *M *F	Pass %
B.A. I	60	32	29 03	93.33
B.A. II	21	21	21 00	94.12
B.A. III	22	22	21 01	88.89

27. Diversity of students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
B.A.	98%	2%	-

28. How many students have cleared National and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. **04 NET**

29. Student progression

Student progression	Against % enrolled
UG to PG	50
PG to M.Phil.	10
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus Selection	-
• Other than campus recruitment	5
Entrepreneurship/self-employment	15

30. Details of Infrastructural facilities

- (a) Library Yes  
 (b) Internet facilities for staff & students Yes  
 (c) Class rooms with ICT facility  
 The common facilities provided by the college are used.  
 (d) Laboratories No

31. Number of students of the college receiving financial assistance from college, university, government or other agencies **40**

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- Extension lecture by Dr. Gurdev Singh, Department of Punjabi, Govt. College, Ambala
- Extension lecture by Dr Rajinder Singh Bhatti, Chairman, Department of Punjabi & Dean, Faculty of Arts and Languages, K.U. Kurukshetra.
- Extension lecture by Dr Chuhar Singh, Head, Department of Punjabi, M.N. College, Shahabad Markanda.
- Extension lecture by Dr Paramjeet Kaur, Department of Punjabi, K.U. Kurukshetra.

33. Teaching methods adopted to improve student learning:  
**Black board teaching through activities.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities.  
**Blood donation, Plantation and activities like Environmental awareness in N.S.S units.**
35. SWOC analysis of the department
- Strength**
- **Highly qualified staff.**
  - **A good collection of books for the department.**
  - **Research papers and journals for the teachers.**
- Weakness**
- **Taught as an optional language.**
- Opportunity**
- **To make learners competent in the language.**
  - **Free environment is provided by the college authorities to the faculty members to pursue research and other creative interest.**
- Challenges**
- **To develop tools to achieve the objective of the department.**
- Future plans**
- **To start M.A. in Punjabi.**

## Evaluative Report of the Department of Physics and Electronics

- |   |  |
|---|--|
| 1. Name of the Department   | <b>Physics and Electronics</b>                     |
| 2. Year of Establishment  | <b>Physics 1954</b><br><b>Electronics 1997</b>     |
| 3. Names of Programmes/Courses offered<br>(UG, PG, M.Phil., Ph.D., Integrated Masters;<br>Integrated Ph.D., etc.) | <b>B.Sc.</b>                                       |
| 4. Names of Interdisciplinary courses and<br>the departments /units involved                                      | <b>Computational Physics/<br/>Computer Science</b> |
| 5. Annual / semester/choice based credit<br>system (programme wise)   | <b>Semester</b>                                    |
| 6. Participation of the department in the<br>courses offered by other departments:                                | <b>Nil</b>   |
| 7. Courses in collaboration with other<br>universities, industries, foreign institutions                          | <b>Nil</b>   |
| 8. Details of courses/programmes<br>discontinue (if any) with reasons   | <b>Nil</b>   |
| 9. Number of Teaching posts   |  |

	Sanctioned	Filled
<b>Faculty</b>	<b>07</b>	<b>18</b>
<b>Associate Professor</b>	<b>03</b>	<b>03</b>
<b>Assistant Professor</b>	<b>04</b>	<b>03 + 12 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./Ph.D. Students guided for the last 4 years
<b>Dr. Krishan Lal Gosain</b>	<b>M.Sc., M.Phil. Ph. D.</b>	<b>Associate Professor</b>	<b>Solid State Physics</b>	<b>34</b>	<b>-</b>
<b>Sh. Rajesh Arora</b>	<b>M.Sc., M. Phil., M. Tech.</b>	<b>Associate Professor</b>	<b>Electronics and Solid State Material</b>	<b>23</b>	<b>-</b>
<b>Ms. Rajni Seth</b>	<b>M.Sc., M. Phil.</b>	<b>Associate Professor</b>	<b>Material Science</b>	<b>20</b>	<b>-</b>
<b>Dr. Devinder Singh</b>	<b>M.Sc., M.Phil., Ph. D.</b>	<b>Assistant Professor</b>	<b>Electronic and Nuclear Physics</b>	<b>20</b>	<b>-</b>
<b>Ms. Ambika Sharma</b>	<b>M.Sc., NET</b>	<b>Assistant Professor</b>	<b>Material Science</b>	<b>4½</b>	<b>-</b>
<b>Ms. Nidhi Jast</b>	<b>M.Sc., M.Phil.</b>	<b>Assistant Professor</b>	<b>-</b>	<b>4½</b>	<b>-</b>

<b>Ms. Sonia Sharma</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>Electronics</b>	<b>2 ½</b>	<b>-</b>
<b>Sh. Mandeep Singh</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>Sh. Amir Singh</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>-</b>	<b>3</b>	<b>-</b>
<b>Ms. Amandeep Shingari</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>-</b>	<b>1 ½</b>	<b>-</b>
<b>Ms. Neeru</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Condensed Matter Physics, Electronics</b>	<b>2½</b>	<b>-</b>
<b>Ms. Kirti</b>	<b>M.Sc., B.Ed.</b>	<b>Assistant Professor</b>	<b>Condensed Matter Physics</b>	<b>2</b>	<b>-</b>
<b>Ms. Gurpreet</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>Nuclear Physics, Computational Physics</b>	<b>3</b>	<b>-</b>
<b>Ms. Vandana Jain</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>Nuclear Physics</b>	<b>6</b>	<b>-</b>
<b>Sh. Sunil</b>	<b>M.Sc., B.Ed</b>	<b>Assistant Professor</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Ms. ManjuBala</b>	<b>M.Sc., B.Ed, M.Tech</b>	<b>Assistant professor (in Elec.)</b>	<b>Electronics</b>	<b>7</b>	<b>-</b>
<b>Ms. Tarandeep Chhabra</b>	<b>B.Tech , M.Tech</b>	<b>Assistant Professor (in Elec.)</b>	<b>Electronics</b>	<b>3</b>	<b>-</b>
<b>Ms. Rekha Rani</b>	<b>B.Tech, M.Tech</b>	<b>Assistant professor ( in Elec.)</b>	<b>Electronics</b>		<b>-</b>

11. List of senior visiting faculty

<b>Dr. Sanjay Panwar</b>	<b>Asistant Professor, Department of Physics, M.M. University, Mullana</b>
<b>Dr. Neena Jaggi</b>	<b>Associate Professor, N.I.T., Kurukshetra</b>
<b>Dr. R. K. Moudgil</b>	<b>Professor Department of Physics K.U. Kurukshetra</b>
<b>Dr. H.S. Bhatti</b>	<b>Chairman Panjabi University, Patiala</b>
<b>Dr. Nafe Singh</b>	<b>Prof. Department of Physics K.U. Kurukshetra</b>
<b>Sh. S.K. Chakarvarti</b>	<b>Professor &amp; Assoc. Dean Research &amp; Development Manav Rachna International University, Faridabad</b>

<b>Dr. Shyam Kumar</b>	<b>Professor, Department of Physics Dean, Research &amp; Development, K.U. Kurukhsetra</b>
<b>Dr. Dinesh Kumar Aggarwal</b>	<b>Vice Chancellor, YMCA University, Faridabad</b>
<b>Dr. Nawal Kishore</b>	<b>Professor, Department of Applied Physics, GJUST, Hissar</b>
<b>Dr. Mahavir Singh</b>	<b>Professor, Department of Physics H.P. University Shimla</b>
<b>Dr. S. Khasa</b>	<b>Department of Physics DCRSUT, Sonipat</b>
<b>Dr. M.U. Sharma</b>	<b>Scientist 'F' Solid State Physics Laboratory, Delhi</b>
<b>Dr. Sanjay Panwar</b>	<b>M.M. University, Maulana</b>
<b>Dr. I. J. Sandhu</b>	<b>Dean Exam, Chitkara University, Rajpura (Patiala)</b>
<b>Dr. J. K. Juneja</b>	<b>Hindu College Sonipat</b>
<b>Dr. Nafa Singh, Dean</b>	<b>Academic Affairs, KITM, Kurukhsetra</b>
<b>Dr. D. K. Chaturvedi</b>	<b>Director, MIET, Ambala</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**Theory = 60%**  
**Practical = 60%**

13. Student-Teacher Ratio (programme wise)

**80:1 (Physics),**  
**60:1 (Electronics)**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

**Sanctioned = 05 (Physics)**  
**Lab. Asst. (Permanent) = 01**  
**Lab. Attendant (Permanent) = 02**  
**Lab. Attendant (Part time) = 04**  
**Lab Attendant (Part time) for electronics = 01**

15. Highest Qualifications of teaching faculty with D.Sc/D. Litt./Ph.D./

**M.Phil./ PG Ph.D. 02**  
**M. Phil. 03**  
**P.G. 10 (Phy.) + 03 (Elect.)**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

**a) National 1**

**Ms. Rajni Seth**

**1. One minor research project on 'Synthesis and Characterization of ZnO Phosphors' by University Grants Commission, New Delhi for Rs. 97,500/- only.(Completed)**

17. Department projects funded by DST- FIST; UGC, DBT, ICSSR, etc., and total grants received **Nil**

18. Research Centre /facility recognized by university **Nil**

19. Publications:

- \* Number of papers published in peer reviewed journals (national / international) by faculty and students

**Papers Published: 29      Paper Accepted: 1      Papers Presented: 39**

**Papers Published**

**Dr. Krishan Lal Gosain**

1. 'Self-Diffusion in Binary Intermetallic Compounds', K.L. Gosain, I. S. Sandhu and D. K. Chaturvedi, January 19-20, 2005, Third National Conference on Thermophysical Properties, Goa (3<sup>rd</sup> NCTP-2005), p. 183.
2. 'Tracer Diffusion by Six Jump Cycles in Nonstoichiometric B2-Intermetallic Compounds' K. L. Gosain, D. K. Chaturvedi, I. V. Belova and G. E. Murch, 2005, *Defect and Diffusion Forum*, Vol. 247-248, pp. 9-19, (published by Trns. Tech. Publications, Brandrain6, Ch-8707 Uetikon-Zuerich, Switzerland).ISSN: 1012-0386.
3. 'Six Jump Cycle Mechanism for Collective Correlations in Nonstoichiometric B2-Intermetallic Compounds' K. L. Gosain, D. K. Chaturvedi, I. V. Belova and G. E. Murch, 2006, *Defect and Diffusion Forum*, Vol. 251-252, pp. 59-68, (published by Trns. Tech. Publications, Brandrain6, Ch-8707 Uetikon-Zuerich, Switzerland). ISSN: 1012-0386.
4. 'Vacancy-wind Factors in Nonstoichiometric B2-Intermetallic Compounds' K. L. Gosain, D. K. Chaturvedi, I. V. Belova and G. E. Murch, 2006, *Defect and Diffusion Forum*, Vol. 251-252, pp. 69-78, (published by Trns. Tech. Publications, Brandrain6, Ch-8707 Uetikon-Zuerich, Switzerland). ISSN: 1012-0386.
5. 'Diffusion Kinematics in B2-Intermetallic Compounds, K. L. Gosain and D. K. Chaturvedi, February 9-11, 2006, National Symposium on Recent Trends in Material Science, (NSRTMS-2006), Andhra Loyala College, Vijayawada, Andhra Pradesh (India).
6. 'Chemical diffusion in B2-Intermetallic Compounds', K. L. Gosain and D. K. Chaturvedi, March 3-4, 2006, International Conference on Molecules to Materials (ICCM-06), Longowal, Punjab (India), p.p. 82-84.
7. 'Isotope Effect and Diffusion Correlations in Stoichiometric Binary Intermetallic Compound AB', K. L. Gosain and D. K. Chaturvedi, September 27-29, 2006, National Conference on Recent Advances in Material Science, Kurukshetra (RAMS-2006), p. 88.
8. 'Optical Properties of ZnO Nano-Phosphors synthesized through Solid State Process', Rajni Seth, K. L. Gosain and Neena Jaggi, October 14-16, 2010, International Conference on Emerging Trends in Engineering and Technology (IETET-2010), Kanipala, Kurukshetra, Haryana (India). ISBN 978-93-80697-22-2.
9. 'Wet Chemical Synthesis of ZnO Nanocrystallites: Optical and Structural Studies', Rajni Seth, K. L. Gosain and Neena Jaggi, International Journal of Applied Engineering Research, Vol. 6, No. 18 (2011), pp.2981-82. ISSN 0973-4562.

10. 'Raman and Photoluminescence Study of Low-temperature Synthesized – Weakly Confined Nanocrystals of ZnO', Rajni Seth, K. L. Gosain and Neena Jaggi, Sanjay Panwar and Sunil Kumar, in International Journal 'Non Linear Optics, Quantum Optics: Concepts in Modern Optics' Volume 44, 4, 2012 pp259-266. ISSN:1543-0357 (print); ISSN: 1944-8325 (online).
11. 'Structural and Optical Properties of ZnO Nano-Phosphors', Rajni Seth, K. L. Gosain and Neena Jaggi, Sanjay Panwar and Sunil Kumar, National Conference on Recent Advances in Material Science [NCRAMS-2012] Feb. 25-26, 2012, pp.93-97 ISBN: 81-8045-086-4.
12. 'Six-Jump Cycle Mechanism of Diffusion in B2 Intermetallic Compounds' D. K. Chturvedi and K. L. Gosain, National Conference on Recent Advances in Material Science [NCRAMS-2012], February 25-26, 2012, pp.18. ISBN: 81-8045-086-4.

**Ms. Rajni Seth**

1. 'Wet chemical synthesis of ZnONanoCrystallites : Optical & Structural Studies' International Journal of Applied Engineering Research-ISSN 0973-4562. Vol 6, No.18, 2011.
2. Rajni Seth, Dr. K. L. Gosain, Neena Jaggi and Nafa Singh, 'Wet Chemical Synthesis of ZnO NanoCrystallites: Optical & Structural Studies' International J of Applied Engineering Research, 6 (23-24) (2011) 2679-2684.
3. 'Structural & Optical Properties of ZnO Nano-Phosphors' in the National Conference NCRAMS-2012, held on February 25 -26,2012, organized by Physics Department, Dyal Singh College, Karnal and was published in the proceedings of the conference with ISBN- 81-8045-086-4.
4. ' Fabrication of ZnO Thin Films using Chemical Bath Deposition: A Review' in the National Conference NCRAMS-2012, held on February 25 -26, 2012, organized by Physics Department, Dyal Singh College, Karnal and was published in the proceedings of the conference with ISBN- 81-8045-086-4.
5. 'Raman and Photoluminescence Study of Low-temperature Synthesized – Weakly Confined Nanocrystals of ZnO' in International Journal 'Non Linear Optics, Quantum Optics: Concepts in Modern Optics' Volume 44, 4, 2012, pp259-266. ISSN: 1543-0357.
6. Accepted a research paper in Journal of Korean Physical society [JKPS] titled: pH dependent studies of chemical bath deposition grown ZnO-SiO<sub>2</sub> core-shell thin films.

**Dr. Devinder Singh**

1. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignment of infrared and Raman Spectra of 1-Chlorooctane', Proc. RAMS-2006 (2006) 183.
2. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignments of Infrared and Raman Spectra of 1, 8-Dibromooctane', Proc. 1<sup>st</sup> RYVS-2008 (2008) 128.
3. Devinder Singh, Neena Jaggi and Nafa Singh, 'Vibrational analysis of 1,8-dichlorooctane', Indian J of Pure and Applied Physics, 47 (2009) 696.



4. Devinder Singh, Neena Jaggi and Nafa Singh, 'Normal co-ordinate analysis of 1,8-dibromooctane', *Indian J Physics*, 84(2), (2010) 144.
5. Devinder Singh, Neena Jaggi and Nafa Singh, 'Vibrational analysis of 1-chlorooctane', *Indian J Physics*, 84(9), (2010) 1163.
6. Manoj Giri, Dipti Jindal, Savita Kumari, Sarla Kumari, Devender Singh, Jawahar Lal and Neena Jaggi, 'SEALI: A sequence alignment tool' *Journal of Bioinformatics and Sequence Analysis*, Vol. 2(3) (2010) 30.
7. Devinder Singh, Neena Jaggi, Vasant Saathe and Nafa Singh, 'Vibrational analysis of 1-bromooctane', *Indian J of Pure and Applied Physics*, 48 (2010) 172.
8. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignments of vibrational spectra of 1,10-dibromodecane', *Proc. IETET-2010* (2010) 596
9. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignments of vibrational spectra of 1,9-dibromononane', *Atidella Fondazione Giorgio Ronchi ANNO LXV-N.6* (2010) 739.
10. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignments of vibrational spectra of 1-bromodecane', *International J of Applied Engineering Research*, 6 (23-24) (2011) 2679-2684.
11. Devinder Singh, Neena Jaggi and Nafa Singh, 'Assignments of vibrational spectra of 1-chlorononane', *Indian J of Pure and Applied Physics*, 49 (2011) 679.
12. Devinder Singh, Neena Jaggi and Nafa Singh, 'Vibrational spectroscopic study of 1-bromononane', *AIP Conference Proceeding (ICACNM -2011)* 1393 (2011) 287-288.

#### Papers Presentated

##### Dr. Krishan Lal Gosain

1. Presented a Research Paper on 'Chemical diffusion in B2-Intermetallic Compounds', in *International Conference on Molecules to Materials (ICCM-06)*, Longowal, Punjab (India), March 3-4, 2006.
2. Presented a Research Paper on 'Isotope Effect and Diffusion Correlations in Stoichiometric Binary Intermetallic Compound AB', in *National Conference on Recent Advances in Material Science*, Kurukshetra (RAMS-2006) on September 29, 2006.
3. Presented a Research Paper on the topic 'Conservation of Biodiversity in Sanskrit Literature' at the *National Seminar on Environment Conservation in Sanskrit Sahitay* organized by Haryana Sanskrit Academy, Panchkula on 24-10-2009 at G. N. Khalsa College, Karnal.
4. Presented a research paper on 'Optical Properties of ZnO Nano-Phosphors synthesized through Solid State Process' in *International Conference on Emerging Trends in engineering and Technology(IETET-2010)*, Kanipala, Kurukshetra, Haryana (India) on October 14-16, 2010.
5. Presented a research paper on 'Diffusion in Ordered Alloys' in *National Seminar on Emerging Trends in Science and Technology* at Govt. P. G. College, Karnal on February 27-28, 2012.

6. Presented a research paper on ‘ZnO Nano-Phosphors : Band Gap Study’ Rajni Seth, K. L. Gosain, Neena Jaggi, Sanjay Panwar and Sunil Kumar, National Conference on Functional Materials(NCFM-2012) at GVM Girls College, Sonapat, September 24-25, 2012.

**Sh. Rajesh Arora**

1. Presented the research paper titled: ‘Analysis of Raman Spectrum of 1-Iodo octane’ in the Two Day National Seminar on New Frontiers in Physics held in Gandhi Memorial National Postgraduate College, Ambala Cantt on March 02-03, 2016.
2. Presented the research paper titled: ‘Normal Co-ordinate Calculations of 1-Iodo octane’ in the National Conference on Current Developments in Physics (CDIP-2016) held in S.D. College, Panipat on March 28-29, 2016.

**Ms. Rajni Seth**

1. Presented a paper on ‘Control of Change of Climate by Photovoltaic Energy’ in UGC sponsored seminar on ‘Environmental Imbalances-Causes and Cure’ on December 8, 2007 at Arya Kanya Mahavidyalya, Shahabad Markanda (Kurukshetra).
2. Presented a paper ‘Optical Properties of ZnO Nano-Phosphors Synthesized through Solid State Route’ in three days International conference on ‘Emerging Trends in Engineering and Technology’ on October 14-16, 2010 at GIMT, Kurukshetra.
3. Presented a paper in two days National conference on ‘National Symposium on Radiation Physics and Nanomaterials’ [NSRPN-11], February 4-5, 2011 at Punjabi University, Patiala.
4. Presented a paper ‘Benefits and Challenges of Molecular Engineering’ in National Seminar on Emerging Trends in Science and Technology organized by Pt. Chiranjilal Sharma Govt. PG College, Karnal, February 27-28, 2012.
5. Presented the research paper titled: ‘Effect of concentration on the Physical Properties of Zinc oxide: Silica Nano-composite Thin Films’ and abstract was published in the National Conference on Current Advances in Theoretical and Experimental Physics (CATEP-15) held at SD College (Lahore), Ambala Cantt on Nov. 7, 2015.
6. Presented the research paper titled: ‘Physical Properties of ZnO Thin Films’ and abstract was published in the National Conference on Material Science, Nanotechnology, Lasers and Ultrasonic Interferometry (NCMNLU) organized by Hindu Girls College, Sonipat on Nov.18, 2015.

**Dr. Devinder Singh**

1. Presented a paper in three days national conference on ‘Recent Advances in Material Science’ on September 27-29, 2006 at KU Kurukshetra.
2. Presented a paper in first ‘Rashtreeya Yuva Vaigyanik Sammelan’ on November 28-30, 2008 at NIT, Kurukshetra.
3. Presented a paper in two days national workshop on ‘Nanotechnology and Applied Sciences’ on November 28-29, 2009 at HCTM, Kaithal.
4. Presented a paper in three days national conference [2<sup>nd</sup> Bhartiya Vigyan Sammelan and Expo 2009] on ‘Green Technology for Sustainable

- Development' on December 1-3, 2009 at Devi Ahilya Vishavidhyalaya, Indore.
5. Presented a paper in four days International conference on 'Perspectives in Vibrational Spectroscopy' on February 21-24, 2010 at BHU, Varanasi.
  6. Presented a paper in two days national seminar on 'Emerging Trends in Nanotechnology' on March 30-31, 2010 at SD College, Ambala Cantt.
  7. Presented a paper in two days national conference on 'National Science Congress in Indian Languages' on Nov. 22-23, 2010 at NPL, New Delhi.
  8. Presented a paper in three days International conference on 'Emerging Trends in Engineering and Technology' on October 14-16, 2010 at G.I.M.T., Kurukshetra.
  9. Presented a paper in four days International conference on 'Advances in Condensed and Nano-Materials' on Feb. 23-26, 2011 at PU, Chandigarh.
  10. Presented a paper in three days International conference on 'Science, Spirituality and Humanity: Transcending Discipline Barriers' on February 17-19, 2011 at DU, Delhi
  11. Presented a paper in three days 2<sup>nd</sup> International conference on 'Emerging Trends in Engineering and Technology' on October 20-22, 2011 at GIMT, Kurukshetra.
  12. Presented a paper in three days 3<sup>rd</sup> International Conference on 'Current Developments in Atomic, Molecular, Optical and Nano Physics with Applications -CDAMOP-2011' on December 14 -16, 2011 at University of Delhi, New Delhi.
  13. Presented a paper in two days National Conference on 'Functional Materials' on September 24 - 25, 2012 at GVM, Girls College, Sonapat.
  14. Presented a paper in two days National Conference on 'Nanoscience and Instrumentation Technology' on March 28-29, 2013 at NIT, Kurukshetra.
  15. Presented a paper in two days National Symposium on 'Electroceramics – Materials and Devices' from Feb. 21-22, 2014 at GVM Girls College, Sonapat.
  16. Presented a paper in two days National Conference on 'Nanomaterials & Instrumentation NCNI-2014' on March 09-10, 2014 at NIT, Kurukshetra.
  17. Presented a paper in two days National Workshop on 'Ion Beam Induced Growth and Engineering of Materials' on March 11-12, 2014 at K.U., Kurukshetra.
  18. Presented a paper in two days National Conference on 'Recent Developments in Physics' on March 29-30, 2014 at S.D. College, Panipat.
  19. Presented a paper in three days National Workshop on 'Emerging Trends in Sciences' on February 12-14, 2015 at D.A.V. College, Ambala City.
  20. Presented a paper in National Seminar on 'Recent Developments in Theoretical & Experimental Physics' on March 21, 2015 at S. D. College, Ambala Cantt.
  21. Presented a paper in National Seminar on 'Recent Trends in Physics and Chemistry' on March 25, 2015 at S. A. Jain (PG) College, Ambala City.

22. Presented a paper in National Conference on 'Current Advances in Theoretical and Experimental Physics' on November 07, 2015 at S. D. College, Ambala Cantt.

**Ms. Ambika Sharma**

1. Presented a research paper titled 'Effect of 200 keV Ar<sup>+</sup> ion implantation on optical and electrical properties of PET' in Two days National Workshop on Ion Beam Induced Growth and Engineering of Materials organized by Department of Physics, Kurukshetra University, Kurukshetra on 11-12 March, 2014.
2. Presented the research paper titled: 'Effect of 50 keV B<sup>+</sup> implantation on Optical Properties of Polycarbonate (PC)' in the National Conference on Recent Advancements in Science & Technology (RAST-2016) held in Arya P.G. College, Panipat on February 27-28, 2016.
3. Presented the research paper titled: 'Change in Optical Properties of Polyethyleneterephthalate (PET) using B<sup>+</sup> implantation' in the National Conference on Current Developments in Physics (CDIP-2016) in S.D. (P.G.) College, Panipat on March 28-29, 2016.

**Conferences/Seminars/Workshops Attended**

**Dr. Krishan Lal Gosain**

1. Participated in 65<sup>th</sup> BRANS-IANCAS National Workshop on 'Radiochemistry and Applications of Radioisotopes' sponsored by Board of Research in Nuclear Science, Department of Atomic Energy, organized by Department of Physics, K.U. Kurukshetra, Nov. 29-Dec. 08, 2007.
2. Attended National Seminar on 'Role of Biotechnology in Environment Management' held at Dyal Singh College, Karnal, January 12-13, 2008.
3. Attended National Seminar on NANOTECH-09 held at R. P. Indraprastha Group of Institutions, Bastara, Karnal on 11-04-2009.
4. Attended NAAC sponsored one-day State Level Sensitizing Workshop on the 'Process of Reaccreditation' on November 18, 2011 at Bhagat Phool Singh Mahila Viswavidyalaya, Khanpur Kalan, Sonipat.

**Sh. Rajesh Arora**

1. Attended National conference on Recent Advances in Material Science (NCRAMS-2012) Feb, 25-26, 2012 at Dyal Singh College, Karnal.
2. Attended a one day National Seminar on 'Science as Living Reality' on 26 Feb, 2011 at Hindu Girls College, Jagadhri.
3. Attended a seminar on Technology in Education held on 23<sup>rd</sup> Nov, 2014 organized by MBD Group.

**Ms. Rajni Seth**

1. Attended UGC sponsored 'National Seminar on Role of Biotechnology in Environment Management' on January 12-13, 2008 at Dyal Singh College, Karnal.
2. Attended three days International conference on 'Democracy, Federalism and Peace: Experiments of India and Other Countries' during March 4-6, 2010 at Dyal Singh College, Karnal.

3. Attended two days National seminar on 'Emerging Issues in Commerce and Management' during February 5-6, 2010 at Dyal Singh College, Karnal.
4. Attended one day National seminar on 'New Science Horizons' on 24 February 2010 at Guru Nanak Khalsa College, Yamuna Nagar.
5. Participated in two week- ISTE Workshop on 'Solar Photovoltaic's: Fundamentals, Technologies and Applications' conducted by Indian Institute of Technology Bombay on December 12-22, 2011 under the National mission on Education through ICT(MHRD)
6. Attended a three days National Seminar cum workshop on 'Study of Biodiversity in today's Perspective' on March 10-12, 2012 at Dyal Singh College, Karnal.
7. Attended 7<sup>th</sup> INUP Familiarization Workshop on Nanofabrication Technologies held at IIT Bombay, Mumbai on June 4-5, 2012.
8. Attended 9<sup>th</sup> International Workshop on Nanomechanical Sensing 2012 held at IIT Bombay, Mumbai on June 6-8, 2012

**Dr. Devinder Singh**

1. Attended Accelerator based Atomic and Molecular Physics Workshop held at IUAC, New Delhi on August 08 – 09. 2012.
2. Attended a three days National Seminar cum workshop on 'Study of Biodiversity in today's Perspective' on March 10-12, 2012 at Dyal Singh College, Karnal.
3. Attended two days national seminar-cum-workshop on 'Professional Ethics and Accountability in Teacher Education' on January 23-24, 2010 at CKR College of Education, Mahawati, Panipat.
4. Attended the 'EDUSAT Workshop' organized by HEC, Haryana on March 27-29, 2009 at Govt. P. G. College, Karnal.
5. Attended UGC sponsored national workshop on 'Computer Laboratory Training in Physics' on December 22-26, 2008 at PU, Patiala.
6. Attended a two days National Seminar on 'Developing Strategies to Empower Rural and Unprivileged Women' on April 11-12, 2014 at Ch. Kapoori Ram College of Education, Mahawati, Panipat.
7. Attended one day National Workshop on 'Ancient Indian Scientific Heritage' on November 11, 2014 at KU, Kurukshetra.

**Ms. Ambika Sharma**

1. Attended Two Days 2<sup>nd</sup> National Workshop on Ion Beam Induced Growth and Engineering of Materials organized by Department of Physics, Kurukshetra University, Kurukshetra on March 4-5, 2016.

**Other Achievements**

**Dr. Krishan Lal Gosain**

1. Life-Member of IAPT and Centre Incharge of NGEP (National Graduate Examination in Physics).
2. Member, Board of UG Studies in Physics from 2007-2009.
3. Convener, Youth Welfare and Cultural activities from 2008 to 2011.

4. Convener/Coordinator of Seminar on 'Information and Public Relations' organized in Dyal Singh College, Karnal on January 7, 2009.
5. Coordinator of 'Inter-District Level Science Exhibition' in Dyal Singh College on November, 26-27, 2009.
6. Convener of the Science Day Celebrations organized with the collaboration of Vigyan Bharti, Haryana on February 26, 2010.
7. Member, Advisory Council in the National Seminar on 'Commitment in Post-colonial Literature and Theory' held at Dyal Singh College, Karnal from February 11-12, 2011.
8. Coordinator of UGC sponsored Career-Oriented Course in 'Computational Physics' running successfully in the Physics Department with a grant of Rs. 10 lakhs from UGC for the benefit of non-medical students so as to give them the knowledge of making calculations using C++ language.
9. Convener of UGC sponsored National Conference on 'Recent Advances in Material Science [NCRAMS-2012] organized in the Dyal Singh College Karnal on February 25-26, 2012.
10. Acted as Subject Expert in the Interview Board for the posts of Teacher in Physica at Jawahar Navodaya Vidyalaya, Sagga (Karnal) on 05.06.2014 and 06.06.2014.

**Sh. Rajesh Arora**

1. Lecture on the topic 'Shallow Towns Threshold Conditions' for BSc. 3<sup>rd</sup> Year student's was delivered through EDUSAT in the Session 2010-11.

**Ms. Rajni Seth**

1. Coordinator of National Conference on Recent Advances in Material Science [NCRAMS-2012] organized by Physics Dept. in Dyal Singh College, Karnal on February 25-26, 2012.
2. Attended Refresher course in 'Physics and Electronics' from 12.03.07 to 31.03.07 at CPDHE, Delhi.
3. Delivered a lecture on 'Importance of Solar Energy in the Present Scenario' organized by District Administration on 15/3/2013 at Panchayat Bhawan, Karnal.
4. Ph.D. thesis submitted to Physics Department, Maharishi Markandeshwar University, Mullana (Ambala) on 16.04.2016.

**Dr. Devinder Singh**

1. Attended AICTE-ISTE sponsored short term training programme from 19.07.2004 to 30.07.2004 at CR State College of Engineering, Murthal.
2. Attended short term training programme organized by NITTTR from 27.05.2004 to 29.05.2004 at SKIET, Kurukshetra.
3. Awarded Doctor of Philosophy in Physics (Ph.D.) – March, 2011
4. Obtained Life membership of VigyanBharti, Haryana on 11.10. 2007
5. Attended Refresher course in 'Physics and Electronics' from 23.12.2010 to 13. 01.2011 at CPDHE, Delhi
6. Acted as Supervisor- Houselisting & Housing Census and preparation of National Population Register, Census of India 2011 in the District Karnal from 01.06.2010 to 15.06.2010.

7. Acted as Senior Presiding Officer in Panchayat Election held on 06.07.2010 at Kalheri in Gharaundha Block, District Karnal.
8. Acted as Senior Presiding Officer in Panchayat Election held on 10.07.2010 at Garhpur Tapu in Indri Block, District Karnal.
9. A lecture on the topic 'Mathematical Background' for BSc. students was delivered through EDUSAT on 31.08.2010.
10. A lecture on the topic 'Maxwell's Concept of Electromagnetic waves, their Propagation and Applications' for BSc. students was recorded on 31. 08. 2010 to be delivered through EDUSAT.
11. A lecture on the topic 'Mathematical Background' for BSc.-I students was delivered through EDUSAT on 06. 09. 2011.
12. A lecture on the topic 'Maxwell's Concept of Electromagnetic waves, their Propagation and Applications' for BSc.-I students was delivered through EDUSAT on 08. 11. 2011.
13. Acted as Presiding Officer in the Lokshbha Elections – 2014 in Haryana at Village Moond, District - Karnal on April 10, 2014.
14. Acted as Presiding Officer in the Assembly Elections – 2014 in Haryana at Village Gagsina, District - Karnal in November, 2014.
15. Attended seven days training orientation course for NSS Programme Officers held from 24. 08. 2015 o 30. 08. 201 at KU, Kurukshetra.
16. Participated in the NSS Day Celebrations organized by NSS Cell, K.U., Kurukshetra on 24. 09. 2015.

**Ms. NidhiJast**

1. Attended Science Academies Refresher Course in Experimental Physics on Sep. 13-28, 2015 at Department of Physics, K.U., Kurukshetra.
2. Participated in Orientation Programme from 20-06-2014 to 17-07-2016 organized by UGC Academic Staff College, K.U., Kurukshetra.

**Ms. Ambika Sharma**

1. Attended Science Academies Refresher Course in Experimental Physics on September 13-28, 2015 in Department of Physics, K.U. Kurukshetra.
2. Participated in Orientation Programme from 20-06-2014 to 17-07-2016 organized by UGC Academic Staff College, K.U. Kurukshetra.

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database , International Social Sciences Directory, EBSCO host, etc.)	<b>Nil</b>
* Monographs	<b>Nil</b>
* Chapter in Books	<b>Nil</b>
* Books Edited	<b>01</b>

**Ms. Rajni Seth**

1. Edited a book titled 'Solid State, Nano, Atomic and Molecular Physics' by Vijay Publications, Ludhiana.

* Books with ISBN/ISSN numbers with details of publishers	<b>18</b>
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**Dr. Krishan Lal Gosain**

1. Co-author of the textbook 'Vector Atom, Solid State Physics and Nuclear Physics for B. Sc. III (Modern Publishers, Jalandhar).

2. Co-author of the textbook 'JBD effectual Physics' for class XII First Semester (Jyoti Book Depot, Jalandhar). ISBN 81-8335-002-X
3. Co-author of the textbook 'JBD effectual Physics' for class XII Second Semester (Jyoti Book Depot, Jalandhar) ISBN 81-8335-003-8
4. Co-author of the textbook 'JBD effectual Physics' for class XI First Semester (Jyoti Book Depot, Jalandhar) ISBN 81-8335-000-3
5. Co-author of the textbook 'JBD effectual Physics' for class XI Second Semester (Jyoti Book Depot, Jalandhar) ISBN 81-8335-001-1
6. Co-author of the textbook 'Effectual Physics' for class X (Jyoti Book Depot, Jalandhar) ISBN 93-80781-19-9
7. Co-author of the textbook 'JBD effectual Physics' for class IX (Jyoti Book Depot, Jalandhar) ISBN 93-80781-22-9
8. Author of the textbook 'New Era Practical Physics' for class XI (G.R. B. & Sons, Meerut) ISBN 978-93-82314-00-4
9. Author of the textbook 'New Era Practical Physics' for class XII (G.R. B. & Sons, Meerut) ISBN 978-93-82314-01-1

**Sh. Rajesh Arora**

1. Computer programming (Fortran Language) Vijaya Publication B.Sc. III

**Ms. Rajni Seth**

1. Nano Physics for B.Sc. III. Vijaya Publications, Ludhiana.
2. Co-authored the book titled 'Computer Programming, Thermodynamics and Optics', by Vijaya Publications, Ludhiana.

**Dr. Devinder Singh**

1. Super Conductivity for B.Sc. III. Vijaya Publications, Ludhiana.
2. Acted as co-author of the book Solid State, Nano, Atomic and Molecular Physics by Vijaya Publications, Ludhiana, ISBN: 978-81-928517-9-2.
3. Acted as co-author of the book Atomic and Molecular Spectroscopy by Jeevansons Publications, New Delhi. ISBN: 978-93-80896-88-2.
4. Acted as co-author of the book New Fundamental Physics (Lab Manual) for B.Sc.-I by Vijaya Publications, Ludhiana. ISBN: 978-93-84004-10-1.
5. Acted as co-author of the book New Fundamental Physics (Lab Manual) for B.Sc.-II by Vijaya Publications, Ludhiana. ISBN: 978-93-84004-11-8.
6. Acted as co-author of the book New Fundamental Physics (Lab Manual) for B.Sc.-III by Vijaya Publications, Ludhiana. ISBN: 978-93-84004-35-4.

* Citation Index	Nil
* SNIP	Nil
* SJR	Nil
* Impact factor	21
* h-index	Nil
20 Areas of consultancy and income generated	Nil
21 Faculty as members in a) National committees	
b) International Committees c) Editorial Boards	Nil



22. Student projects
- Percentage of students who have done in house projects including inter departmental/programme  
**Students of the subject of electronics** **100**
  - Percentage of students placed for projects in organizations outside the institution **10**

23. Awards/ Recognitions received by faculty and students:

**Dr. Krishan Lal Gosain**

- Received appreciation letter from Professor Greame E. Murch and Professor Irina V. Belova, Professors of Materials Engineering, The University of New Castles, New South Wales, Australia.
- Received appreciation letter from the examiner of my Ph.D. via-voce, Dr. Neeraj Jain, Professor, Department of Physics, Gwalior.
- Received Appreciation Certificate from the Board of School Education Haryana in 1993 for very good results (6<sup>th</sup> in the State) of Senior Secondary Examination.
  - Honoured by Manav Kalyan Mandal on 21-02-2009.
  - Honoured by Manav Kalyan Mandal on 01-09-2010.

**Ms. Rajni Seth**

- Honoured by Manav Kalyan Mandal, 2008.

**Dr. Devinder Singh**

- Honoured by Manav Kalyan Mandal, 2008.
- Honoured by Manav Kalyan Mandal on 21-02-2009.

24. List of eminent academicians and scientists/ visitors to the department

<b>Dr. Dinesh Kumar Aggarwal</b>	<b>Vice Chancellor, YMCA University, Faridabad</b>
<b>Dr. Shyam Kumar</b>	<b>Professor, Department of Physics Dean, Research &amp; Development, K.U. Kurukshetra</b>
<b>Dr. Neena Jaggi</b>	<b>Associate Prof., NIT, Kurukshetra</b>
<b>Dr. R. K. Moudgil</b>	<b>Prof. Department of Physics K.U. Kurukshetra</b>
<b>Dr. H.S. Bhatti</b>	<b>Chairman Panjabi University, Patiala</b>
<b>Dr. Nafe Singh</b>	<b>Prof. Department of Physics K.U. Kurukshetra</b>
<b>Sh. S.K. Chakarvarti</b>	<b>Professor &amp; Assoc. Dean Research &amp; Development Manav Rachna International University, Faridabad</b>
<b>Dr. Sanjay Panwar</b>	<b>Astt Prof. Deptt. of Physics, MMU Mullana</b>
<b>Prof. Nawal Kishore</b>	<b>Department of Applied Physics, GJUST, Hissar</b>
<b>Prof. Mahavir Singh</b>	<b>Department of Physics H.P. University Shimla</b>
<b>Dr. S. Khasa</b>	<b>Department of Physics DCRSUT, Sonipat</b>
<b>Dr. M.U. Sharma</b>	<b>Scientist 'F' Solid State Physics Laboratory, Delhi</b>
<b>Dr. Sanjay Panwar</b>	<b>M.M. University, Maulana</b>
<b>Dr. I. J. Sandhu</b>	<b>Dean Exam, Chitkara University, Rajpura (Patiala)</b>

<b>Dr. J. K. Juneja</b>	<b>Hindu College Sonipat</b>
<b>Dr. Nafa Singh, Dean</b>	<b>Academic Affairs, KITM, Kurukhsetra</b>
<b>Dr. D. K. Chaturvedi</b>	<b>Director, MIET, Ambala</b>

25. Seminars/Conferences/Workshops organized & the source of funding

- a. National **01**  
**National seminar on NCRAMS – 2012 sponsored by UGC on February 25-26, 2012.**
- b. International : **Nil**

26. Student profile programme /course wise (2015-16):

Name of the Course /programme	2016-17			2015-16
	Application received	Selected	Enrolled *M *F	Pass %age
<b>B.Sc. I Physics</b>	<b>909</b>	<b>329</b>	<b>214 115</b>	<b>73.87</b>
<b>B.Sc. II Physics</b>	<b>289</b>	<b>289</b>	<b>169 120</b>	<b>69.34</b>
<b>B.Sc. III Physics</b>	<b>325</b>	<b>325</b>	<b>171 154</b>	<b>59.18</b>
<b>B.Sc. I Elect.</b>	<b>75</b>	<b>29</b>	<b>26 03</b>	<b>56.25</b>
<b>B.Sc. II Elect.</b>	<b>31</b>	<b>31</b>	<b>27 04</b>	<b>65.00</b>
<b>B.Sc. III Elect.</b>	<b>43</b>	<b>43</b>	<b>28 15</b>	<b>25.00</b>

\*M= Male \*F= Female

27. Diversity of Students

Name of Course	% of students from the same	% of students from other states	% of students from abroad
<b>B.Sc.</b>	<b>96</b>	<b>4</b>	<b>-</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.? 10

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>60</b>
PG to M. Phil.	-
PG to Ph.D.	-
Ph. D. to Post-Doctoral	-
Employed	
• Campus selection	<b>10</b>
• Other than campus recruitment	<b>10</b>
Entrepreneurship/Self-employment	<b>10</b>

30. Details of Infrastructural :
- |  |     |
|--|-----|
| a. <u>Library</u>                                      | Yes |
| b. <u>Internet facilities for staff &amp; students</u> | Yes |
| c. <u>Class rooms with ICT facility</u>                | Yes |
| d. <u>Laboratories</u>                                 | Yes |
31. Number of students receiving financial assistance from college, university, government or other agencies  
Nil
32. Details on students enrichment programme (special lectures/ workshops/ seminar) with external experts
1. Extension lecture by Dr. Sanjay Panwar, Assistant Professor, Department of Physics, M.M.U. Mullana on the topic ‘Nanotechnology’ on 16/2/2016.
  2. Extension lecture by Prof. Dinesh Aggarwal, Chairman, Dept. of Electronics Science, K.U., Kurukshetra on topics ‘Role of materials in IT Revolution’ on 6/2/2015.
  3. Extension lecture by Prof. Neena Jaggi, Deptt. of Physics, NIT Kurukshetra on the topic ‘Nanotechnology’ on 24/3/2014.
  4. An extension lecture by Dr. R. K. Moudgil, Associate Professor, Department of Physics, K.U., Kurkshetra on the topic ‘Quantum Mechanics’ on 30. 03. 2013.
  5. An extension lecture by Dr. Shyam Kumar, Professor, Department of Physics Kurukshetra University, Kurukshetra on the topic ‘Error Analysis’ on 02.09.2011.
  6. An extension lecture by Dr. H.S. Bhatti, Chairman, Panjabi University, Patiala on the topic ‘Nanotechnology’ in November 2010.
  7. An extension lecture by Dr. Dinesh Kumar, Reader, Department of Geo-Physics K.U. Kurukshetra on the topic ‘Earthquakes: Causes and Effects’ on November 9, 2009.
  8. An extension lecture by Dr. Nafe Singh, Professor in Physics, KUK on the topic ‘Raman effect’ on February 26, 2010.
  9. An extension lecture by Dr. Neena Jaggi, Associate Professor , NIT, Kurukshetra on February 26, 2010.
  10. An extension lecture by Dr. Nafe Singh, Professor, Department of Physics K.U. Kurukshetra on the topic ‘Bose Einstein statistics and its Applications’ in Feb. 2007.
  11. An extension lecture by Dr. D. K. Chaturvedi, Professor, Department of Physics Kurukshetra University, Kurukshetra on the topic ‘Quantum Mechanics’ in Nov. 2007.
33. Teaching methods adopted to improve students’ learning.  
The main method of teaching is ‘lecture method’ where students and teachers can directly interact with each other. Topics difficult for understanding are repeated; the teacher clears doubts immediately. Towards the end of each lecture, interaction/question answer session is held with the students to get their feedback. Models, charts, and specimens are used to supplement the lecture method. Viva-voce is conducted while signing the practical files of the students. Excursions and educational tours are

undertaken for the students, where students get field experience and freedom to interact with the teachers.

The lecture method of teaching is supplemented with the following learner-centred teaching methods :

- Assignments, presentations, seminars, surprise tests, quiz in class, paper reading contests, practicals etc. are conducted regularly.
- Guest lectures are arranged in the department.
- Audio-video C.D.s are used.
- Educational tours and trips are organised.
- Question paper pattern is discussed with the students.
- The students are encouraged to prepare models and charts.
- Teachers use DLP and also OHP to show transparencies.
- Project work is given to students,
- Group discussions are organized in the classroom to enhance interpersonal skills.
- Extension lectures, workshops and seminars are organized.
- Students are motivated to participate in various literary programmes such as essay writing competition, quiz contests, seminars and workshops, science exhibitions organized by other colleges. This gives them an opportunity to interact with students of other colleges.
- Various types of competitions like debates, elocution, news-reading competitions are arranged so that the students become more confident.
- The students are given opportunities to participate in International/National Conferences/Seminars organised in the college campus as well as by other colleges.
- The students are given opportunities to participate in Science Exhibitions organized in the college campus as well as organized at the State level.

The overall effect of all these teaching-learning strategies has resulted in a remarkable quantitative and qualitative growth in the college academic results of the University examinations.

34. Participation in Institutional Social Responsibility (ISR) and extension activities  
The students participate in college activities like NSS, NCC, Cultural Activities, Environmental Awareness Programmes and other social problems. The students are encouraged to participate in activities like quiz competition, chart-making, poster making, declamation contest, paper-reading etc. The students are given opportunities to participate in Science Exhibitions organized in the college campus as well as at the State level.
35. SWOC analysis of the department and Future plans

#### **Strengths**

- The teachers of the Physics Department do their best to create interest in Physics in the minds of students. Since the majority of the students are from rural background and first generation learners, this is not an easy task. As a remedial measure to improve the problem solving skills of the students, the students are encouraged to discuss their problems in the class room as well as in their free periods. In addition to complete the syllabi prescribed by the University, the Physics Department organises

various activities to remove phobia among the minds of students . The Physics Department has formed the 'Physics and Electronics Association ' to conduct various co-curricular activities.

- Add on Course in Computational Physics has been started in the Department with UGC grant of Rs. 10 lakhs. This is a very useful programme for non-medical students as they can have access to computers and can learn computer programming using C++ language.
- Internet and Wi-Fi facility in the department.
- Departmental library for the students and teachers of the department.

#### Weakness

- Permanent/regular Teaching Faculty and non-teaching staff are relatively much less in number, keeping in view the student's strength.

#### Opportunities

- The students have great opportunities in government as well as private sectors. Besides the teaching jobs, they have good chances to opt for administrative services like Indian Forest Services and Indian Administrative Services. In addition to these, the multi-national companies and national level research institutes have various disciplines for the graduates.

#### Challenges

- Almost fifty percent of our students have rural background where higher education tradition is yet to take firm roots. Most of these are first generation college-goers with little proficiency in any other language except the vernacular. It is quite a challenging task for teachers to make the students understand the subject. The dedicated teachers make their best efforts to teach the students by explaining the subject in Hindi whenever necessary.

#### Future Plans

- To start M.Sc. Physics.

## Evaluative Report of the Department of Political Science

1. Name of the Department **Political Science**
2. Year of Establishment **1949**
3. Names of Programmes / Courses offered **B.A.**  
(UG, PG, M.Phil., Ph.D., Integrated Masters; **M.A.**  
Integrated Ph.D., etc.)
4. Names of Interdisciplinary courses and the departments/units involved **Nil**
5. Annual/ semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**No formal course has been incorporated in collaboration with other universities, industries, foreign institutions etc., but the department has made an effort to give practical knowledge of Survey Research to the students through collaboration and working with CSDS, New Delhi.**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>04</b>	<b>05</b>
<b>Associate Professors</b>	<b>01</b>	<b>01</b>
<b>Assistant Professors</b>	<b>03</b>	<b>03 + 01 (contractual basis)</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Specialis- ation	No. of Years of Exper- ience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Kushal Pal</b>	<b>M.A., M.Phil. Ph.D.</b>	<b>Associate Professor</b>	<b>Indian Politics and Political Theory</b>	<b>21</b>	<b>M.Phil. 04</b>
<b>Ms. Santosh Yadav</b>	<b>M.A. Pol.Sc. &amp; Pub.Adm M.Phil. NET</b>	<b>Assistant Professor</b>	<b>Indian Politics</b>	<b>11</b>	<b>Nil</b>
<b>Dr. Pawan Kumar</b>	<b>M.A. Pol.Sc. &amp; Edu., M.Phil. Ph.D</b>	<b>Assistant Professor</b>	<b>International Organisation</b>	<b>16</b>	<b>Ph.D. 01 M.Phil. 01</b>

<b>Dr. Anita Agarwal</b>	<b>M.A., Ph.D.</b>	<b>Assistant Professor</b>	<b>International Politics and Political Theory</b>	<b>17</b>	<b>M.Phil. 03</b>
<b>Sh. Vijay Chauhan</b>	<b>M.A.</b>	<b>Assistant Professor</b>	<b>International Politics</b>	<b>7</b>	<b>Nil</b>

11. List of Senior Visiting Faculty

<b>Prof.R.N.Paul</b>	<b>Former Pro-Vice Chancellor, Punjabi University, Patiala (Punjab)</b>
<b>Dr. Upendra Choudhuary</b>	<b>Department of Political Science, AMU, Aligarh (Uttar Pardesh)</b>
<b>Dr. J.N.Sharma</b>	<b>Professor, Gandhian Studies, Punjab University, Chandigarh</b>
<b>Dr. Arshi Khan</b>	<b>Department of Political Science, AMU, Aligarh (Uttar Pardesh)</b>
<b>Dr. P.D. Sharma</b>	<b>Professor (Retd.), Department of Political Science, K.U. Kurukshetra (Haryana)</b>
<b>Dr. Jagroop Shekhon</b>	<b>Professor, Department of Political Science, GNDU, Amritsar (Punjab)</b>
<b>Prof. Ranbir Singh</b>	<b>Department of Political Science, K.U.Kurukshetra (Haryana)</b>
<b>Prof. Anwar Alam</b>	<b>Department of Political Science, JMI University, New Delhi</b>
<b>Dr. V.K. Malhotra</b>	<b>Principal (Retd.), M.N College, Sahabad</b>
<b>Dr. Rajesh K. Jha</b>	<b>Department of Political Science, Rajdhani College, New Delhi</b>
<b>Dr. Leela Yadav</b>	<b>Professor, Department of Political Science, KU, Kurukshetra</b>
<b>Dr. Saroj Malik</b>	<b>Professor (Retd.), Department of Political Science, K.U.Kurukshetra (Haryana)</b>
<b>Dr. R. S. Yadav</b>	<b>Professor, Department of Political Science, K.U. Kurukshetra (Haryana)</b>
<b>Dr.Rajkumar</b>	<b>Department of Political Science, Dyal Singh College, New Delhi</b>
<b>Dr. Parmod Gauri</b>	<b>Director, State Resource Centre, Haryana</b>
<b>Dr.Sanjeev K.Sharma</b>	<b>Professor, Department of Political Science, CCS University, Meerut</b>

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**U.G. 26%**

**P.G. 10%**

13. Student -Teacher Ratio (programme wise)

**U.G. = 128 :1**

**P.G. = 7 :1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

**Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

<b>Ph.D.</b>	<b>3</b>
<b>M.Phil.</b>	<b>1</b>
<b>P.G.</b>	<b>1</b>

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received.

**Although no independent project has been undertaken by the faculty so far but its two members are actively involved in the survey projects conducted by CSDS, Delhi. They have also assisted in one project conducted by the University of Mauritius.**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

**The Department received Rs. 5 lakhs as P.G. Grant under XI Plan of UGC.**

18. Research Centre /facility recognized by the University

**Ph.D. Guided 01**

**M.Phil. Guided 08**

**Ph.D. Guided**

**Dr. Pawan Kumar**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Rohtash	हरियाणा में 73वें संवैधानिक संशोधन के तहत घरौंडा व नीलोखेड़ी पंचायत समितियों का विश्लेषणात्मक अध्ययन	Singhania University, Churu, Rajasthan	2015

**M.Phil. Guided**

**Dr. Kushal Pal**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Yogender Kumar	Revolutionary Movement and Bhagat Singh	Madurai Kamraj University, Madurai	2007
2	Kavita	Mahatma Gandhi's Views of Women Empowerment	Madurai Kamraj University, Madurai	2007
3	Sanjay Kumar	Organization and Working of United India Insurance Company Limited	Alagappa University, Karaikudi	2007
4	Rekha Devi	India-Japan Economic Relations: A Study of Post Cold War Era	Vinayaka Missions University, Salem	2007



**Dr. Pawan Kumar**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Ranbir Singh Sandhu	Concept of Political Participation : A Case Study of Jhajjar District	Vinayaka Missions University, Salem	2009

**Dr. Anita Aggarwal**

Sr. No.	Name of the Candidate	Topic of Dissertation	University	Year
1	Atam Dass Maurya	Bhartiya Rajniti Main Nehru Ka Yogdan	Global Open University, Nagaland	2009
2	Sheetal Devi	Vinoba Bhave Ke Samajik Aur Rajnitik Vichar	M.M. University, Mulana	2009
3	Preeti	Haryana Main Prasashanik Sudhar	K.U. Kurukshetra	2009

19. Publications:

a) Publication per faculty

**Papers Published : 41**

**Papers Presented : 96**

**Papers Published**

**Dr. Kushal Pal**

1. 'Haryana Assembly Elections 2005: An Analysis', Mainstream, New Delhi Vol. 43 (18), April 23, 2005.
2. 'Relevance of Chhotu Ram Today', The Tribune, Chandigarh, November 24, 2006.
3. 'Remembering Bhagat Singh', The Tribune, Chandigarh, March 25, 2007.
4. 'A Tribute to Sir Chhotu Ram', The Tribune, Chandigarh, November 23, 2007.
5. 'The Parliamentary and Assembly Election in Haryana: Convergence and Divergence', Journal of Government & Political Studies, Department of Political Science Punjabi University, Patiala Vol. XXXI, Issue No.2, March 2008, pp. 87-97.
6. 'Dynamics of Party System and Formation of Coalition Government in India', Indian Journal of Political Science, Meerut Vol. LXIX, No. 2, April-June 2008.
7. 'Lok Sabha Elections in Haryana: An Analysis', Mainstream, New Delhi Vol. XLVII, No. 31, New Delhi, July 18, 2009.
8. 'Haryana: Congress Retains its Electoral Supremacy', Economic and Political Weekly, Vol. XIV, No. 39, Sep. 26 to Oct. 2009.
9. 'Integraing India Through Invisible Hands: Indian Diaspora Looks After Motherland', Indian Journal of Political Science, Volume LXXI, No-4, Oct-Dec., 2010.

10. 'Dialectics of Democracy and Federalism in India', Journal of International Politics, Vol. 3, No.V, Winter and Spring, Tehran, Iran 2010.
11. 'Evolution of Coalition Politics in India' in the book edited by Dr.Ranpal Singh and Tejvir Singh, Dynamics of Party System and Coalition Governments in India, Alfa Publications,New Delhi,2012.
12. 'Bhagat Singh: As an Ideologue,' in book edited by Gian Singh, Swaraj Katha: Swatantra Aandolan Me Haryana, Chaudhary Ranbir Singh Shodhpeeth, MDU Rohtak, 2012.
13. 'Changing Roles of the Presidents of India', Mainstream, New Delhi Vol. No. 34, New Delhi, August 11, 2012.
14. 'Devolution of Powers to the Panchayati Raj Institutions in Haryana', The Grassroots Governance Journal, Vol.X Number 1, January-June, 2012.
15. 'The Congress Rout in Haryana' The Hindu, New Delhi, May 22, 2014.
16. 'How Haryana Voted: Jat Splits and Non- Jat Consolidation' in The Indian Express, New Delhi, October 2, 2014.
17. 'Agenda for the Modi Government, Need for Changes in New Panchayati Raj System'' in Panchyati Raj Institute of Social Sciences, Vol 10 dated 15-16 October 2014.
18. 'Haryana: Dera Dikats Helped the BJP' in the Hindustan Times, New Delhi, October 21, 2014.
19. 'The 2014 Parliamentary Elections in Haryana: A Paradigm Shift', Punjab University Research Journal Social Sciences, Volume 22, Number-2, 2014.
20. 'Historicizing 'The End of History': Decoding Ideological Dilemmas of Post -Modern Political Thought', in Political Discourse, Vol No. II , ISSN 2395-2229, 2015
21. 'Relevance of Nehru's Paradigm of Federal Parliamentary Democracy in the Era of LPG', (e-Journal, available on website of DAV College, Sadhaura, Haryana), 2015.
22. 'Need More then Education Boost in Haryana Panchayat', The Tribune, Chandigarh, July 7, 2016.

**Ms. Santosh Yadav**

1. Published a researchpaper 'Adhunik Bhartiya Udarvad' in Peer reviewed referred indexed journal 'UPSTEAM' Vol. IV, Issue-2, April 2016, ISSN 2320-768X.
2. Published a researchpaper 'Manav Adhikaro Ka Itihas Aur Bharat' in Peer Reviewed Referred Indexed Journal 'UPSTEAM' Vol. IV, Issue-2, April 2016 Part-II, ISSN 2320-768X.

**Dr. Pawan Kumar**

1. Research paper 'Women Empowerment through Panchayati Raj System in India' in Edited book Women Empowerment: Synchronizing the Gender Authorspress, Delhi 2011

2. Research paper 'Women Rights, Indian Constitution and Universal Declaration of Human Rights'in Global Education Society & Development Journal, Vol. 5 No. III, Dec.2013. ISSN 0975-1319.
3. Research paper 'Bhartiya Rajnitni Mein Apradhikaran avam Uske Nidan ke Upaye'in University Hindi Journal, Dec.2015. ISSN- 2347-9612.
4. Research paper Judicial Activism in India : A Critical Appraisal'Published in Journal Culture, Society and Law,Vol. I No.1. ISSN 2348-1250.
5. Research paper 'Human Rights Under UNO, Women and Law Since Independence' in International Educational Research & Development , Oct& Dec 2015, Vol. 5, Issue III, ISSN 2250-3862.
6. Reseach Paper 'Women Empowerment in South-West Asian Countries' Global Education Society & Development Journal,Vol.7 Issue III, Dec.2015. ISSN 0975-1319

**Dr. Anita Agarwal**

1. 'Dialectics of Democracy and Federalism in India',Journal of International Politics, Vol.3, No.V, Winter and Spring, Tehran, Iran 2010.
2. 'Human Rights, Democracy and Globalization' published in edited book, Federalism, Democracy and Conflict Resolution, published by Macmillan, New Delhi,2012 ISBN 978-935-059-060-7.
3. 'The Congress Rout in Haryana', The Hindu, New Delhi, May 22, 2014.
4. 'The 2014 Parliamentary Elections in Haryana: A Paradigm Shift', Punjab University Research Journal Social Sciences, Vol. 22, No.-2, 2014.
5. 'Historicizing 'The End of History' Decoding Ideological Dilemmas of Post -Modern Political Thought' in Political Discourse, Vol No. II, ISSN 2395-2229.

**Sh. Vijay Chauhan**

1. 'Gandhian idea of G.N.H.I. Gross National Happiness Index', International Journal of Research in Economics and Social Sciences, Vol. -2, Issue -Dec 2012, ISSN -2249-7382.
2. 'Clean Politics and Good Governence', International Journal of Research in Economics and Social Sciences, Vol. -3, Issue -Dec 2013, ISSN -2249-7382.
3. 'Soft Power: A Foreign Policy Choice for India', in Indian Journal of Political science, Vol. -LXXVIN-2, Issue - April-June 2014, ISSN -0019-5510.
4. 'Dynamics of India-China Relations' Purva Mimansa, Vol.-5, No. 1-2, Issue - March-September 2014, ISSN -0019-5510.
5. 'Non-Alignment in Post Cold War Era' in edited book, Jawahar Lal Nehru: The First Socialist Leader of Independent India, Satyam Publication, New Delhi. ISBN- 978-93-83754-663, 2015.

6. 'India's Regional Security: A Foreign Policy Priority' in edited book, Global Violence, Peace and Security, Regal Publication, New Delhi. ISBN- 978-81-84845-198, 2016.

### Papers Presented

#### Dr. Kushal Pal

1. Presented a paper titled 'Impact of Sir Chhotu Ram on Ch. Devi Lal' organized by Kurukshetra University, Kurukshetra on July 2-3, 2002.
2. Presented a paper titled 'Role of Indian Diaspora in National Integration', organised by Department of Political Science, Govt. P.G. College, Hisar on February 27-28, 2004.
3. Presented a research paper titled 'Dynamics of Party System and Formation of Coalition Government in India', in Hawaii International Conference on Arts and Humanities at Honolulu, U.S.A. January 12-16, 2005.
4. Presented a paper titled 'Gandhian Ideas on Peace and Environment: Relevance in the Era of Globalization', organized by Kurukshetra University, Kurukshetra, 30-31 January 2006.
5. Presented a paper titled 'Politics in North-West India: Emerging Trends and Changing Patterns', organized by Punjabi University, Patiala, 8 February 2006.
6. Presented a paper titled Indian Women in New Millennium organized by MKJK Mahavidyalya, Rohtak, September 1-2, 2006
7. Presented a paper titled 'Female Foeticide in India', at GMN College, Ambala Cantt. on March 26, 2007.
8. Presented a paper titled 'Dynamics of Party System and Coalition Government in India' organized by D.A.V. College, Sadhura, Yamuna Nagar, October 14-15, 2007.
9. Presented a paper titled 'Human Rights in the Context of Women', CIS Kanya Mahavidyalaya, Pundri, November 20, 2007.
10. Participated in Two-Day National Seminar on 'Future of Communist Movement in India', organized by Dayanand College, Hisar on February 26-27, 2008. Attended this seminar as resource person and delivered lecture on 'Problems and Prospects of Communists Movement in India'.
11. Presented a paper titled 'Conflict Resolution: Gandhian Perspective for Promoting Culture of Peace', organized by Kurukshetra University, Kurukshetra, March 14-15, 2008.
12. End of History: Myth or Reality, organized by Department of Political Science, Dyal Singh College, Karnal, Haryana on February 15-16, 2008.
13. Delivered a Lecture as a Resource Person on February 11, 2009 at D.A.V. College, Naneola on topic 'Indian Democracy: A Success or Failure.'
14. Presented a paper in National Seminar on 'Challenges Before Political Science' in M.N, Shahabad on March 13-14, 2009.

15. Presented a research paper titled, 'Democratic Response to Education and Social Inclusion in India', at the International Conference organized by Mahatma Gandhi University, Kottayam (Keral), December 8-10, 2010.
16. Presented a research paper titled 'Constitutional Values of India for Peaceful Resolution', at the workshop on Philosophy in Action at Bangkok, Thailand, February 28-29, 2012.
17. Presented a research paper titled, 'Globalization and Crises of Accountability' in National Seminar at RKSD College, Kaithal on March 17-18, 2012.
18. Presented a research paper titled, 'Bhagat Singh: Reconstruction of His Ideological Legacies', at the International Conference organized by RKSD College Kaithal, Haryana, March 20-21, 2012.
19. Presented a research paper titled, 'Khap Panchayats and Women Rights in Haryana', in National Seminar at K.V.A.D.A.V.College for Women on September 18, 2012.
20. Presented a research paper titled, 'Decoding the Myth of End of History', at the International Conference organized by University of Sri Jayaweradenpura, Nugegoda, Sri Lanka, November 7-8, 2012.
21. Presented a research paper titled, 'Social Exclusion and Human Rights: A Study of the Muslims of India', at the International Conference organized by University of Calcutta, West Bengal, December 16-18, 2012.
22. Presented a research paper titled, 'The Rise of Bharatiya Janta Party in Haryana' in a three day National Seminar on 'Understanding the 2014 General Elections Mandate and its Impact on National Politics' at Mohan Lal Sukhadia University, Udaipur Rajasthan on February 5-7, 2015.
23. Presented a research paper titled, 'Shrinking Support Base of the Congress in Haryana' in a two-day National Seminar on 'National Election 2014: Mapping Electoral Process in North-West India with Special Focus on Punjab' at Guru Nanak Dev University Amritsar, Punjab on February 27-28, 2015.
24. Presented a research paper titled, 'Relevance of Chhotu Ram's Political Philosophy Today' in a two-day National Seminar on 'Study of Political Leadership: Focus on North Western state organized by Department of Political Science, Punjab University Chandigarh on 19<sup>th</sup> March 2015.

**Ms. Santosh Yadav**

1. Presented research paper titled 'Rajbhasha Hindi aur Bharat : Ek Saidhantik Vivechan' at Dyal Singh College, Karnal on March 23, 2005.
2. Presented research paper titled 'Gandhiji Aur Mahilaye' at MDSD Girls College, Ambala City on March 1, 2007.
3. Presented research paper titled 'Growing Female Foeticide in India' at GMN College, Ambala Cantt. on March 26, 2007.
4. Presented research paper titled 'Mahilaye Aur Hinsha' at Ch. Ishwar Singh Kanya Mahavidyalya, Pundri on November 20, 2007.
5. Presented research paper titled, 'India's Internal Security & Terrorism', at G.M.N College, Ambala Cantt. on March 28, 2009.

6. Presented research paper titled, 'Human Rights: Problems and Prospects in Present Scenario', at D.A.V College, Ambala on March 3, 2010.
7. Presented research paper titled, 'Federalism and Political System', at Dyal Singh College, Karnal on March 4-6, 2010.
8. Presented research paper titled 'Bharat Mein Badti Hue Mahila Bhrun Hatya' at GMN College, Ambala Cantt. on March 26-27, 2010.
9. Presented research paper titled, 'Bhagat Singh and The Revolutionary Movement', at Dyal Singh College, Karnal on November 28-29, 2010.
10. Presented research paper titled 'Manav Adhikaro Ka Itihas Aur Bharat' at DAV College, Ambala City on March 5-6, 2011.
11. Presented research paper titled 'Women's Empowerment in India' at CIS Kanya Mahavidyalaya on March 10, 2012.
12. Presented research paper titled 'Right To Information – A Powerful Social Accountability Tool' in National Seminar at RKSD College, Kaithal on March 17-18, 2012.
13. Presented research paper titled, 'Anna Hazare's Movement and India's Middle class' at Dyal Singh College, Karnal on April 14, 2012.
14. Presented research paper titled 'Dr. Baba Sahab Ambedkar and Women Empowerment' in National Conference at K.U. Kurukshetra on Dec. 6-8, 2012.
15. Presented research paper titled 'The Sikh Martyrs (upto 1762)' in National Seminar at K.U. Kurukshetra on April 2-3, 2013.
16. Presented research paper titled 'India's Neighbourhood Challenges in the Next Two Decades' in National Seminar at K.U. Kurukshetra on March 14-15, 2014.
17. Presented research paper titled 'Partition of India' in International Conference at K.U. Kurukshetra on March 13-14, 2015.
18. Presented research paper titled 'Rise and Fall of Baba Banda Singh Bahadur' in National Seminar at K.U. Kurukshetra on Oct. 16, 2015.
19. Presented research paper titled '1947- Independence and Partition' in National Seminar on Oct. 29, 2015.
20. Presented research paper titled 'Dalit Uthan Mein Dr. B. R. Ambedkar Ki Bhumika' in National Seminar at Dyal Singh College, Karnal on March 6-7, 2016.
21. Presented research paper titled 'Bhartiye Swatantrata Mein Amar Shahid Bhagat Singh Ka Yogdan' in National Seminar at GNK College, Karnal on March 12, 2016.
22. Presented research paper titled 'Bhartiye Rajniti Mein Dharamnirpekshavad' in National Seminar at K.U. Kurukshetra on March 15, 2016.
23. Presented research paper titled 'Ahinsa Ka Darshan Aur Gandhi' in National Seminar at Arya P.G. College, Panipat on March 28, 2016.
24. Presented research paper titled 'Swadhintan Sangram Evam Adhunik Bharat Ke Nirman Mein Sardar Vallabh Bhai Patel Ka Yogdan' in National Seminar at K.U. Kurukshetra on Oct. 1, 2016.

25. Presented research paper titled 'Bhartiye Videsh Niti Evam Kashmir Samasya' in National Conference at DAV College, Cheeka on Nov. 11-12, 2016.
26. Presented research paper titled 'Dr Ambedkar Ka Rashtriya Chintan' in National Conference at K.U. Kurukshetra on Nov. 26, 2016.

**Dr. Pawan Kumar**

1. Presented a research paper on, 'Problem of Conducting Poll Surveys in Traditional Societies like India', at Dayanand College, Hisar on January 17-18, 2006.
2. Presented a research paper on, 'Manav Adhikaro Ke Name Par Viksit Desho Ka Badta Arthik Samarajyavad', at JVM College, Charkhi Dadri on February 19-20, 2006.
3. Presented a research paper on 'Haryana Panchayati Raj Me Mahilao Ki Vartman Sithiti', at JVM College, Charkhi Dadri on February 24-25, 2006.
4. Presented a research paper on, 'National Investigation Agency Act 2008- A Critical Analysis' at Dyal Singh College, Karnal on March 6-7, 2009.
5. Presented a research paper on, 'Leadership for Women Empowerment in Panchayati Raj System in India', at RCA, Udaipur on Oct. 26-27, 2009.
6. Presented a research paper on 'Gandhian Ideas on Democratic Decentralization' at DAV, College, Naneola on February 11, 2010.
7. Presented a research paper on 'Conflict to Consensus' at GMN College, Ambala Cantt. on September 29-30, 2010.
8. Presented a research paper on 'A Burning Question of Human Rights in India and World' at SD College, Ambala Cantt. on October 21, 2010.
9. Presented a research paper on 'Paradigm Shift in India's Foreign Policy' at GMN College, Amabala Cantt., February 15-16, 2011.
10. Presented a research paper on 'Women Rights, Indian Constitution and Universal Declaration of Human Rights' at Hindu Girls College, Sonipat, November 28-29, 2011.
11. Presented a research paper on 'Humna Right Under UNO, Women and Law Since Independence' at GVM Girls College, Sonipat on December 9-10, 2011.
12. Presented a research paper on 'Women Empowerment in South West Asian Countries: Myth and Reality' at Ch. Ishwar Singh Kanya Mahavidhalya Pundri on March 10, 2012.
13. Presented a research paper on 'Bharat Ki Videsh Niti Ki Samiksha' at MLN College, Radaur on March 15, 2012.
14. Presented a research paper on 'Judicial Activism in India: A Critical Appraisal' at RKSD College, Kaithal on March 17-18, 2012.
15. Presented a Paper titled 'Women Empoerment in South West Asia Countries- Myth & Reality' in UGC Sponsored National Seminar organized by Ch. Iswar Singh Kanya Mahavidyalaya Fatehpur Pundri, Kaithal on March 10, 2013.
16. Presented a paper titled 'Assessment & Accreditation of Govt. College by NAAC in Haryana', in two day National Seminar at University of Jaipur

- (Rajasthan) organized by Akhil Bhartiya Shaikshik Mahasangh on September 13-14, 2014
17. Presented a Paper titled 'Swami Vivekanand and Caste Problem in India', in two day national Seminar at KVA DAV College for Women, Karnal on November 7, 2014.
  18. Presented Research Paper titled 'Ambedkar and Constitutional values', March 6-7, 2016 organised by Department of Political Science, Dyal Singh College, Karnal
  19. Presented a Research Paper titled 'Relevance of Revolutionary Ideas of Sardar Bhagar Singh in Modern Times', organised by Department of History, Khalsa College Karnal, March 12, 2016.
  20. Presented a research paper titled 'Bharat Mein Mahilayo ki Rajnitik Sahbhagita, Apekshain Avam Vastaviktain' organised by Department of Political Science, Gaur Brahman College, Rohtak, March 16, 2016.

**Dr. Anita Agarwal**

1. Presented a research paper titled 'Compulsions of Minority Government In India' at Dyal Singh College, Karnal on March 24-25, 2004.
2. Presented a research paper titled 'Political, Economic and Educational Impact of Language' at Dyal Singh College, Karnal on March 23, 2005.
3. Presented a research paper titled 'Consumer, Mass Media and Ethical Values' at Govt. P.G College, Hissar on September 15-16, 2006.
4. Presented a research paper titled 'Violence against Women', at Ch. Ishwar Singh Kanya Mahavidyalya, Pundri on November 20, 2007.
5. Presented a research paper titled 'Critical Analysis of the Theory of End of History', at Dyal Singh College, Karnal on February 15-16, 2008.
6. Presented a research paper titled 'Constitutional Provisions and Practical Aspect of Federalism in India' at Dyal Singh College, Karnal on March 6-7, 2009.
7. Presented a research paper titled 'Challenges before Political Science in Modern Times' at M. N College, Shahbad on March 13-14, 2009.
8. Presented research paper 'Relevance of Gandhiji's Ideas in the Present Context' at K.U. Kurukshetra on March 16, 2009.
9. Presented research paper titled, 'Democratic Peace: UN as A Catalyst', in the International Seminar On Democracy, Federalism And Peace: Experiences of India And Other Countries at Dyal Singh College, Karnal 4-6 March, 2010.
10. Presented research paper titled, 'Gandhi and Global Peace', in the International Conference, Just Peace: A Common Universal Discourse organized by Indo-Iranian Culture Centre New Delhi on 1-12 April 2010.
11. Presented a research paper titled 'Indo-Pak Tension: Causes Remedies', at G.M.N College, Ambala on September 29-30, 2010.
12. Presented a research paper titled Bhagat Singh's Discourse on Communalism at Dyal Singh College, Karnal on 28-29 Nov 2010.
13. Presented a research paper titled 'Working of Indian Democracy', at D.A.V College, Naneola on 11 Feb, 2010.



14. Presented a research paper titled 'Role of UN in Protection of Human Rights' at G.V.M. Girls College, Sonapat on December 9-10, 2011.
15. Presented a research paper titled, 'Environment, Sustainable Development and States' at Dayanand College, Ajmer January 9-11, 2012.
16. Presented a research paper titled 'Relevance of Gandhi's Idea of Peace in Present World' at M.D.S.D Girls College, Ambala City on March 10, 2012.
17. Presented a research paper titled 'Right to Information a Tool for Accountability' in National Seminar RKSD College, Kaithal on March 17-18, 2012.
18. Presented a research paper titled, 'Politics of Lokpal: Response to the Dividends in Indian Democracy' in International Conference at RKSD College, Kaithal on March 20-21, 2012.
19. Presented a research paper titled 'Lokpal in India' at Dyal Singh College, Karnal on April 14, 2012.
20. Presented research paper titled, 'Challenges and Chances for Women Empowerment in Haryana' at K.V.A D.A.V College, Karnal on September 18, 2012.
21. Presented a research paper titled, 'Decoding the Myth of End of History', at University of Sri Jayawardenepura, Nugegoda, Sri Lanka on November 7-11, 2012.
22. Presented a research paper titled, 'Social Exclusion and Human Rights: A Study of the Muslims in India', at University of Calcutta, West Bengal on December 16-18, 2012.
23. Presented a research paper titled 'Nehru : An Architect of India's Foreign Policy' at UGC sponsored National Seminar at MDSD Girls College, Ambala City, Haryana on February 14, 2014.

**Sh. Vijay Chauhan**

1. Presented a research paper titled 'Gandhian Idea of G.N.H.I (Gross National Happiness Index) at S.D. College, Ambala Cantt, on November 17, 2012.
2. Presented a research paper titled 'Non Alignment in Post Cold War Era' at UGC sponsored National Seminar at MDSD Girls College, Ambala City, Haryana, dated February 14, 2014
3. Presented a research paper titled 'Gandhi and Ambedkar: A Comparison' in National Seminar organized by Dyal Singh College, Karnal, March 6-7, 2016.

**Seminar Attended:**

**Dr. Kushal Pal**

1. Attended National Seminar on 'Conflict and Cooperation in Indo-Pak Relations', organized by GMN College, Ambala Cantt., Sep. 29-30, 2010.
2. Participated in National Workshop on Data Analysis Using SPSS organized by Kirori Mal College, New Delhi on November 13, 2010.

3. Attended one day National Seminar on 'Administrative Culture', in India at Arya Girls College Ambala Cantt. on March 16, 2013.
4. Attended one day National Seminar on 'Relevance of Nehru in the Age of Globalization', at DAV Girls College, Yamuna Nagar on March 23, 2013.

**Ms. Santosh Yadav**

1. Participated in two-day National Seminar titled 'Promotion of Ethics and Human Values Research' on March 12-13, 2011 in Dyal Singh College, Karnal.
2. Participated in National Conference titled 'Recent Advances in Material Science' on Feb. 25-26, 2012 at in Dyal Singh College, Karnal.
3. Participated in National Seminar cum Workshop titled 'Study of Biodiversity in Today's Perspective' on March 10-12, 2012 in Dyal Singh College, Karnal.
4. Participated in National Seminar titled 'Minorities Entrepreneurship and Empowerment' on March 23-25, 2012, Dyal Singh College, Karnal.
5. Participated in National Seminar on 'Mahatma Gandhi and Social Harmony in Contemporary Society' on March 28, 2016. Arya College Panipat.

**Other Achievements**

**Dr. Kushal Pal**

1. Delivered an extension lecture on 10<sup>th</sup> December, 2004 on Human Rights Day at Dr Ganesh Das D.A.V. College of Education for Women, Karnal.
2. Delivered an extension lecture on 13<sup>th</sup> December, 2005 on Human Rights Day at Dr Ganesh Das D.A.V. College of Education for Women, Karnal.
3. Delivered an Extension Lecture on Emerging Trends in Political Science in Khanpur Kalan University on 28 April 2009.
4. As Resource Person delivered a lecture on Sampling in first Refresher Course on Research Methodology organized by Academic Staff College BPS Mahilla University, Khanpur Kalan, Sonapat, Haryana on December 3, 2012.
5. Delivered an Extension Lecture on Crises in Social Sciences and Political Science as a Career on March 9, 2013 at DAV College Cheeka, Kaithal, Haryana
6. Convener, International Conference on Democracy, Federalism and Peace: Experiences of India and other Countries organized by Department of Political Science, Dyal Singh College, Karnal Haryana, March 4-6, 2010.
7. Participated in the Summer School on Quantitative Methods in Political Science Research, organized by Jain University, Bengluru, May 14-24, 2010.
8. Coordinator, National Seminar on Ideological Evolution of Bhagat Singh, organized by Department of Political Science, Dyal Singh College, Karnal Haryana, November 28-29, 2010.

9. Convener, National Workshop on Promotion of Ethics and Human Values Research, organized by Department of History and Political Science, Dyal Singh College, Karnal, March 12-13, 2011.
10. Convener, National Workshop on 'Review of Research Methods in Political Science', organized by Department of Political Science, Dyal Singh College, Karnal, March 23-25, 2012.
11. Convener, National Seminar on Politics of Lokpal, organized by Department of Political Science, Dyal Singh College, Karnal, April 14, 2012.
12. Convener, National Workshop on Use of Quantitative Methods in Political Science organized by Department of Political Science, Dyal Singh College, Karnal, 24 May to 2<sup>nd</sup> June, 2012.
13. Organized workshop of field Investigators towards pre-poll and post-poll survey Lok Sabha Election May-2014 Haryana and also coordinated Survey in the State.
14. Organized workshop of Field Investigator towards Post-poll Survey Haryana Vidhan Sabha Elections October-2014 and also coordinated Survey in the State.
15. Made a presentation as Resource Person on 'Khap Panchayat and Modern in one day National Symposium on 'Human Rights: Social sensitivity' at KVA DAV College for women Karnal (Haryana) on January 21, 2015.
16. Chaired a Technical Session as well as Presided Valedictory session in the Two-Day National Seminar on 'Emerging Pattern of Indian Federal System' organized by Department of Political Science, IHLBPS University, Khanpur Kalan, Sonapat on January 14-15, 2016.
17. Delivered an Inaugural Address in the Inaugural Session in Two-Day National Seminar on 'Trends and Challenges in Indian Political System' organized by Department of Political Science, Sarswati Mahila Mahavidhalya, Palwal on February 1, 2016.
18. Delivered an Extension Lecture on the topic 'Challenges of Indian Democracy' organized by Department of Political Science, Mata Sundari Girls College, Nissing, Karnal on January 8, 2016
19. Delivered a Lecture on the topic 'Sampling in Social Research: Types and Principles' in the workshop on Research Methodology organized by Department of Political Science, Aligarh Muslim University, Aligarh (U.P) on March 12, 2016.
20. As Resource Person, delivered a lecture on 'Challenges of Indian Federalism' in Two-Day National Seminar on 'Impact of 2014 Parliamentary Elections on Indian Federalism' organized by Department of Political Science, DAV College, Sadhaura, (Yamunanagar), Haryana.
21. Made a presentation as Resource person on , 'Electoral Reforms in India: Need to Reform the First Past the Post System in a two-day National Seminar on 'Electoral Reforms in India: Past, Present and Future', organized by Department of Political Science GGSDS College, Palwal Haryana on March 20, 2015 and'

22. Delivered an Extension Lecture on, ' Shaheed Bhagat Singh's Ideas' on March 24, 2015 at Mukand Lal National College, Radaur.
23. Attended a two day National seminar on Dynamics of Politics in North – West India at Punjabi University Patiala (Punjab) on March 30-31, 2015 and made a presentaion as resource person on 'Shifting Support Base of the Political Parties in Haryana.'
24. As Convener, organized two-day National Seminar on 'Understanding Bharat Ratna Dr. B R Ambedkar' on March 6-7, 2016.
25. Presided over the Youth Parliament Function organized by Govt. Senior Secondary School, Dadlana, Panipat on 24-08-2015.
26. Attended a ten-day National Worshop on Research Methodolgy as a Resourse Person at Layallpur Khalsa College, Jallander, Punjab on March 18, 2015 and delivered lectures on Research, Sampling and Ethnography.
27. Conducted a Survey on CLG (Community Liaison Group) in collaboration with District Police Karnal in the month of October 2015. The Survey was coordinated by Dr. Hanif Qureshi (IPS), IG Karnal Range, Haryana Police.
28. As Resourc Person delivered a lecture on 'Democracy and Social Transformation' in Refresher Course on History, Political Science, Law and Literature, organized by Academic Staff College BPS Mahilla University, Khanpur Kalan, Sonipat ,Haryana July 22, 2016.
29. As Resourc Person delivered a lecture on 'Social Research and Social Transformation' in Refresher Course on Environmental Sciences, organized by Academic Staff College BPS Mahilla University, Khanpur Kalan, Sonipat ,Haryana July 22, 2016.

**Ms. Santosh Yadav**

1. Participated in UGC sponsored 4 week Orientation Course from 19.6.2007 to 16.07.2007 at Academic Staff College, K.U. Kurukshetra.
2. Participated in Three Week Refresher Course from 19.11.2015 to 09.12.2015 at K.U. Kurukshetra.
3. Worked as a member of the organizing committee for two- days National Seminar on Understanding Bharat Ratna Dr. B.R Ambedkar on March 6-7, 2016, Dyal Singh College, Karnal (Haryana).
4. Participated in UGC sponsored short term course in Software Technology from 20.10.2016 to 26.10.2016 at K.U. Kurukshetra.

**Dr. Pawan Kumar**

1. Successfully completed the Senior Division Pre-Commission Course of NCC Air Wing at Tambram from 29-08-2013 to 28-10-2013 and has been commissioned as Flying Officer.
2. Member of Indian Council & Canadian Association for Literature, New Delhi.

3. Worked as member of organizing committee on 'Promotion of Ethics and Human Values Research sponsored by UGC. New Delhi, organized by Dyal Singh College, Karnal on March 12-13, 2011.
4. Member of Rajasthan Council of Educational Administration and Management Affiliated to (CCEAM).
5. Member of Rajasthan College of Agriculture, ACEM, UCEAM, BCEAM, GCEAM, MCEAM, Jodhpur ( Rajasthan).
6. Supervising one student for the award of M.Phil. Degree.
7. Completed Three Week Refresher course from 31-10-2011 to 19-11-2011 Course from Himachal Pradesh University Shimla and got A grade.
8. Member of Rajasthan Council of Education, Administration and Management (RCEAM) Rajasthan.
9. Member of Organising Committee, a three day National Workshop on Review of Research Methods in Political Science on March 23-25, 2012 sponsored by Department of Higher Education Haryana organized by Dyal Singh College, Karnal.
10. Attended 10 day National Integration Camp held at SCTNJ BN NCC Kumbakonam at Govt. Arts College Kumbakonam, District Thanjavur ( Tamil Nadu) on 13 October 2012 to 24 October 2012.
11. Delivered an extension lecture at NSS Camp held at Village Uchana on the topic of 'Consumer Protection Act in India' in Jan. 2013.
12. Delivered an extension lecture at NSS camp held at Uchana village on topic 'Importance of Election Commission in India' on January 10, 2014.
13. Organised an educational trip for post-graduate students to working session of the Parliament, President House and Akshar Dham Mandir on February 21, 2014.
14. Participated in National Seminar on 'Study of Political Leadership : Focus on North-western States' at Panjab University, Chandigarh on March 19-20, 2015.
15. Delivered extension lecture on 'Human Rights Under UNO and Special Reference with Indian Constitution' on January 19, 2016, at NSS Camp , Uchana Kalan, Karnal
16. Member of RCCM affiliated with Common Wealth Countries.

**Dr. Anita Agarwal**

1. Delivered a Talk at village-Shamgarh, District Karnal on December 24, 2005 on the topic 'Human Rights, Women and Dalits' the programme was organized jointly by National Commission for Women, New Delhi and Empowerment and Sustainable Development Initiative, Haryana.
2. Delivered a Talk at Pash Pustakalya, Karnal on 'Sahitya Main Mardangi' on April 13, 2006.

3. **Delivered a Talk at Pash Pustakalya, Karnal on August 18, 2006 on ‘The Role of Khap Panchyats in The Protection of Human Rights’.**
4. **Delivered a lecture as Resource Person in 5 days course for Inspectors regarding supervision of police station work and CIPA at HPA, Madhuban on August 7, 2008.**
5. **Delivered an extension lecture at BPSM, Khanpur Kalan on March13, 2010 on ‘UN and Women Rights’.**
6. **Delivered a lecture as Resource Person on ‘Honor Killing-A Dishonor Indeed’ at Rotary Club, Chandigarh on July 19, 2010.**
7. **Delivered a lecture as Resource Person on ‘Human Rights-Old Aged People and Disabled’ in National Conference at D.A.V College, Karnal on December 7, 2012.**
8. **As Resourc Person delivered a lecture on ‘Impact of Globalization on Social Transformation of Women in India’ in Refresher Course on History, Political Science, Law and Literature, organized by Academic Staff College, BPS Mahilla University, Khanpur Kalan, Sonipat, Haryana on July 26, 2016.**

- \* Number of papers published in peer reviewed journals (national / international) by faculty and students **38**
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) **Nil**
- \* Monographs **Nil**
- \* Chapter in Books **02**

**Dr. Pawan Kumar**

1. **‘Bharat tatha Vishav Mein Manav Adhikar Ka Jawalant Prashan’ in the edited book ‘System’s Thinking and Human Rights – An Indian Perspective, S.D. College, Ambala Cantt., 2011. ISBN : 978-81-921380-5-3.**

**Dr.Anita Aggarwal**

1. **Human Rights, Democracy and Globalisation, in edited book Federalism, Democracy and Conflict Resolution, Macmillan, New Delhi, India 2012. ISBN-978-935-056-060-7.**

- \* Books Edited **02**

**Dr. Kushal Pal**

1. **Arshi Khan & Kushal Pal (eds.) Federalism, Democracy and Conflict Resolution , Macmillan Publishers India Ltd., New Delhi 2012. ISBN 978-935-059-060-7.**
2. **Edited Book Sir Chottu Ram Peasentary In Colonial India, The Context, Perspective and Text of Sir Chottu Ram’s Bechara Zamindar, Haryana Academy of History and Culture, Gurgoan Haryana, 2013.**

\* Books with ISBN/ISSN numbers with details of publishers **04**

**Dr. Kushal Pal**

- 1. Federalism, Democracy and Conflict Resolution , Macmillan Publishers India Ltd., New Delhi 2012, ISBN 978-935-059-060-7.**

**Dr. Pawan Sharma**

- 1. Democratic Decentralization of Rural Development in India, Academic Excellence, Delhi, 2006. ISBN 81-88684-75-9.**
- 2. Women Empowerment-Synchronization of Women Power, Author Press New Delhi, 2010. ISBN 81-7273.**
- 3. Personality Traits and Teacher Trainees, Mark Books, New Delhi.**

- \* Citation Index **Nil**
- \* SNIP **Nil**
- \* SJR **Nil**
- \* Impact factor **20**
- \* h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

- National committees

**Dr. Kushal Pal**

- **Life Member of Indian Journal of Political Science**
- **Member U.G. Board of Studies, K.U.Kurukshetra for two years.**
- **Member U.M.C. Committee, K.U. Kurukshetra for one year.**

**Dr. Pawan Sharma**

- **Life member of Rajasthan Council of Educational Administration and Management**

- International Committees c) Editorial Boards **Nil**

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme  
**1 percent of our students are involved in the survey projects conducted by CSDS, Delhi**

- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **Nil**

23. Awards/ Recognitions received by faculty and students **Nil**

24. List of eminent academicians and scientists/ visitors to the department

<b>Sh. D. K. Raina</b>	<b>Honorary Secretary, Dyal Singh College Trust Society, Karnal</b>
<b>Dr. K.L.Johar</b>	<b>Former Vice Chancellor, GJU Hissar</b>
<b>Prof.R.N.Paul</b>	<b>Former Pro-Vice Chancellor, Punjabi University, Patiala Punjab</b>
<b>Dr. Ramji Lal</b>	<b>Member, Governing Body and Retired Principal, Dyal Singh College, Karnal</b>
<b>Sh. Harminder Singh Chattha</b>	<b>Former Speaker, Haryana Vidhan Sabha</b>

<b>Sh.V.N.Rai, IPS (Retd.)</b>	<b>DGP, Director Madhuban Training Police Academy, Madhuban</b>
<b>Dr.Attahiru Zega</b>	<b>VC, Bayro Kano University, Nigeria</b>
<b>Dr. Kamarujan Yusouf</b>	<b>National University, Malasiya</b>
<b>Dr.Swarut Aree</b>	<b>Dy. Director, Muslim Studies Centre, Chulalongkom University, Thailand</b>
<b>Dr.Tariq Islam</b>	<b>Professor,Department of Philosophy, AMU, Aligarh (Uttar Pardesh)</b>
<b>Dr. Arshi Khan</b>	<b>Department of Political Science, AMU, Aligarh (Uttar Pardesh)</b>
<b>Dr. Afrina Rizvi</b>	<b>Department of Mass Communication, AMU, Aligarh (Uttar Pardesh)</b>
<b>Dr. Upendra Choudhuary</b>	<b>Department of Political Science, AMU, Aligarh (Uttar Pardesh)</b>
<b>Sh. V Kamraj, IPS</b>	<b>IG, Haryana Police</b>
<b>Dr. George Mathew</b>	<b>Chairman, Indian Institute of Social Sciences, New Delhi.</b>
<b>Prof. J.N Sharma</b>	<b>Professor, Gandhian Studies, Punjab University, Chandigarh</b>
<b>Dr.Mandana Trishyar</b>	<b>Assistant Professor, School of Law, Tehran University, Tehran, Iran</b>
<b>Dr. P.D. Sharma</b>	<b>Professor (Retd.), Department of Political Science, K.U. Kurukshetra (Haryana)</b>
<b>Dr. Jagroop Shekhon</b>	<b>Professor (Retd.), Department of Political Science, GND University, Amritsar (Puinjab)</b>
<b>Prof. Ranbir Singh</b>	<b>Professor, Department of Political Science, Kurukshetra University, Kurukshetra (Haryana)</b>
<b>Prof. Anwar Alam</b>	<b>Director,Centre For West Asian Studies, JMI, University, New Delhi</b>
<b>Prof. V. Ishwar Anand</b>	<b>Assistant Editor, The Tribune, Chandigarh</b>
<b>Sh. O.P. Bhora</b>	<b>Economist, National Institute of Public Finance &amp; Policy, New Delhi.</b>
<b>Mr. Parviz</b>	<b>Iranian Scholar</b>
<b>Sh. J.S. Alahawat</b>	<b>Deputy Commissioner, Karnal</b>
<b>Mr. Karim Tafazoli</b>	<b>Iranian Scholar</b>
<b>Dr. V.K. Malhotra</b>	<b>Principal (Retd.), M.N. College, Sahabad</b>
<b>Sh. R.S. Doon.</b>	<b>Deputy Commissioner, Karnal</b>
<b>Sh. Rakesh Arya</b>	<b>Superintendent of Police, Karnal</b>
<b>Sh. K.L.Tuteja</b>	<b>Professor (Retd.) Department of History K.U., Kurukshetra</b>
<b>Dr. Hukum Singh</b>	<b>Controllor of Exams., K.U. Kurukshetra</b>
<b>Sh. Sanjay Kumar</b>	<b>Dy. Director, Lokniti, CSDS, Delhi</b>
<b>Dr. Rajesh Jha</b>	<b>Assistant Professor, Department of Political Science, Rajdhani College, New Delhi</b>



<b>Dr. Superna Sharma</b>	<b>Department of Business Economics, MVD University, Katra, Jammu</b>
<b>Sh. Paramjeet Singh Sandhu</b>	<b>Social Activist, Chandigarh</b>
<b>Prof. Leela Yadav</b>	<b>Dept. of Political Science, K.U., Kurukshetra</b>
<b>Prof. Saroj Malik (Retd.)</b>	<b>Dept. of Political Science, K.U., Kurukshetra</b>
<b>Prof. R. S. Yadav</b>	<b>Dept. of Political Science, K.U., Kurukshetra</b>
<b>Dr. Sanjeev K.Sharma</b>	<b>Professor, Department of Political Science, CCS University, Meerut (Uttar Pradesh)</b>
<b>Dr. Harish Khare</b>	<b>Editor-in-Chief, The Tribune, Chandigarh</b>
<b>Prof. Ronki Ram</b>	<b>Department of Political Science, Punjab University, Chandigarh</b>
<b>Prof. S.K. Chahal</b>	<b>Department of History, K.U., Kurukshetra</b>

25. Seminars/ Conferences/Workshops organized & the source

a) National

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- National Seminar on Dynamics of Federalism in India on March 6-7, 2009 sponsored by UGC, New Delhi.**
- National Seminar on Ideological Evolution of Bhagat Singh on 28-29 November, 2010 sponsored by UGC, New Delhi.**
- National Workshop on Promotion of Ethics and Human Values Research on 12-13 March, 2011 sponsored by UGC, New Delhi.**
- National Seminar on Politics of Lokpal on 14 April 2012 sponsored by ICSSR, New Delhi.**
- National Workshop on Review of Research Methods in Political Science on 23-25 March, 2012 sponsored by DHE, Haryana.**
- National Workshop on Use of Quantitative Methods In Political Science on 24 May- 2 June, 2012 sponsored by ICSSR, New Delhi.**
- National Seminar 'Understanding Bharat Ratna Dr. B.R. Ambedkar' on March 6-7, 2016, sponsored by DHE, Haryana.**

b) International 01

- International Conference on Democracy, Federalism and Peace : Experiences of India and Other Countries' on March 04 to 06, 2010 sponsored by UGC, New Delhi, ICSSR, New Delhi and DHE, Panchkula.**

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16	
	Applications received	Selected	Enrolled *M *F		Pass %age
<b>B.A. I</b>	<b>816</b>	<b>265</b>	<b>242</b>	<b>23</b>	<b>53.61</b>
<b>B.A. II</b>	<b>232</b>	<b>232</b>	<b>217</b>	<b>15</b>	<b>72.81</b>
<b>B.A. III</b>	<b>142</b>	<b>142</b>	<b>129</b>	<b>13</b>	<b>82.89</b>
<b>M.A. (P)</b>	<b>26</b>	<b>10</b>	<b>09</b>	<b>01</b>	<b>77.77</b>
<b>M.A. (F)</b>	<b>25</b>	<b>25</b>	<b>13</b>	<b>12</b>	<b>85.71</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
UG	93	7	0
PG	94	6	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

**80, to name a few**

Sr. No.	Name	Designation	Institution	Qualification	NET/SLET
1	Parveen Kumar	Lect. In Pol.Sc.	GSSS Dadlana (Karnal)	MA, B.Ed., M.Phil, PGDJMC	NET
2	Rajesh Kumar	Lect. In Pol.Sc.	Arya College, Panipat	MA, M.Phil.	NET
3	Dolly Singh	Lect. In Pol.Sc.	GSSS, Rohtak	MA, M.Phil.	NET
4	Aatm Dass	Asstt. Prof. in Pol. Sc.	I.B. (PG) College, Panipat	MA, M.Phil.	NET
5	Hem Lata	Asstt. Prof. in Pol. Sc.	Arya College, Panipat	MA, M.Phil.	NET
6	Rani	Asstt. Prof. in Pol. Sc.		M.A., M.Phil, Ph.D	NET
7	Krishan Kumar	Lect. In Pol.Sc.	G.S.S.S. Tarraori (KNL)	MA, M.Phil.	NET
8	Devender	Lect. In Pol.Sc.	G.S.S.S. Barwala (Panchkula)	MA, M.Phil., B.Ed.	NET
9	Somvati	Lect. In Pol.Sc.	V.P.I. School, Karnal	M.A. M.Ed.	NET
10	Aastha Bhatia	Asstt. Prof. in English	D.S. College, Karnal	M.A. M.Phil.	NET

29. Student progression

Student progression	Against % enrolled
UG to PG	50
PG to M.Phil.	25
PG to Ph.D.	02
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	5
• Other than campus recruitment	10
Entrepreneurship/Self-employment	15

30. Details of Infrastructural facilities

a) **Library**

College library serves as main learning resource. It provides reference books, journals, text books, magazines etc. College library provides exclusive P.G. Section. 'The Tribune' archive section is also available for research work for the staff and students.

b) **Internet facility**

College provides internet facility for students and staff. The college is also a member of n-List and DELNET, so e-journals and e-books are also accessible to the faculty and students in the library.

c) **Class rooms with ICT facility**

Yes. The common facilities provided by the college are used.

d) **Laboratories**

Nil

31. Number of students receiving financial assistance from college, university, government or other agencies **104**

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

**Extension lectures are organized every year. Students' seminars are also organized.**

33. Teaching methods adopted to improve student learning

**The teaching faculty of the department generally uses the modern technique including Computer/Laptop and DLP Projector to improve the students learning.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

• **The students participate in**

- **NSS activities for social awareness which include adult literacy campaign and awareness against social discrimination etc.**
- **They also take part in NCC activities for the betterment of society as NCC training strives to make them ideal citizens of India.**
- **Students also participate in various field surveys. The findings of these surveys help the policy makers as well decisions makers with alternative public policies.**

- **Dr Pawan Sharma successfully completed the senior division pre commission course of NCC Air Wing at Tambram From 29-08-2013 to 28-09-2013 and has been commissioned as Flying Officer.**

35. SWOC Analysis of the Department and Future plans

**The Department organized various academic activities in the past and proposes to plan the same in future as well.**

**Strengths**

- **In XIth plan the department was selected for PG grant by UGC.**
- **Learned and dedicated faculty, rich library with reference books and journals.**

**Weakness**

- **Decreasing popularity of the humanities subjects and lesser job prospect.**

### Opportunities

- Tapping the resources of ICSSR, UGC and other funding agencies for socially relevant research.

### Challenges

- In recent years, due to the impact of the processes of globalization, liberalization on the one hand and information revolution on the other a felicious impression has been created by the vested interests that social sciences have lost relevance. Whereas, the truth is that these have become all the more important. But the net loss of their false propaganda has resulted into the decline in the number of the students opting for the social sciences. The number of the researchers is also towards decline. Therefore, incentives and encouragement should be given to the social sciences to face the challenges posed worldwide. Even among the social science, the discipline of Political Science deserves to be prioritized. The students must be made aware of the career openings that they are going to have on the completion of Graduate, Honours and Masters Courses. The capacity building of the teachers in Political Science ought to be given due importance in this context.

### Future Plans

- Introduction of the Honours Course.
- Extension of Department library with latest books, journals, text books, reference books, newspapers and Computers with Internet facilities.
- To organize more National and International seminars.
- To organize tours to the places of political importance such as Parliament, Vidhan Sabha etc.
- To hold Mock Parliament.
- Encouraging the students to write research papers.
- To motivate the teachers to keep abreast with the latest developments in the field of Political Science and conduct research.

## Evaluative Report of the Department of Sanskrit

1. Name of the Department **Sanskrit**
2. Year of Establishment **1952**
3. Names of Programmes / Courses offered  
(UG, PG, M.Phil., Ph.D., Integrated Masters;  
Integrated Ph.D., etc.) **B.A., B.Sc.**
4. Names of Interdisciplinary courses and the  
departments/units involved **Nil**
5. Annual/ semester/choice based credit  
system (programme wise) **Semester**
6. Participation of the department in the courses  
offered by other departments **Hindi**
7. Courses in collaboration with other  
universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued  
(if any) with reasons **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
<b>Faculty</b>	<b>02</b>	<b>01</b>
<b>Associate Professor</b>	<b>01</b>	<b>01</b>

10. Faculty profile with name, qualification, designation, specialization,  
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualifi- cation	Design- ation	Speciali- zation	No. of Years of Exper- ience	No. of M.Phil./ Ph.D. Students guided for the last 4 years
<b>Dr. Basant Kumar</b>	<b>M.A., Ph.D., Sahitya- charya</b>	<b>Associate Professor</b>	<b>Dharam- shastra and Sahatiya</b>	<b>29</b>	<b>-</b>

11. List of senior visiting faculty

आचार्य वेद प्रकाश शास्त्री	प्रति उपकुलपति, गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार
डॉ. रणवीर सिंह	निदेशक सस्कृत एवं विद्या संस्थान कु.वि.कु.
डॉ. सुधीकान्त भारद्वाज	प्रोफेसर, एम.डि.यू. रोहतक
प्रो. लक्ष्मीश्वर झा	प्रोफेसर, लालबहादुर शास्त्री विश्वविद्यालय, दिल्ली

डॉ. सुरेन्द्र कुमार	प्रोफेसर, महर्षिदयानन्द विश्वविद्यालय, रोहतक
श्री विनय कोहली	योगाचार्य कर्ण योग एसोसियेशन, करनाल
मेजर अनिरुद्ध यादव	प्रोफेसर (सेवानिवृत्त), सैन्य विज्ञान, राजकीय महाविद्यालय
डॉ. रुबी जैन	प्रोफेसर, डी.ए.वी. महाविद्यालय, होशियारपुर (पंजाब)
डॉ. जितेन्द्र कुमार	प्रोफेसर, राजकीय महाविद्यालय, इन्द्री, करनाल
डॉ. इन्द्रजीत नागपाल	प्रोफेसर, राजकीय महाविद्यालय, करनाल
डॉ. मदन लाल वर्मा	प्रोफेसर (सेवानिवृत्त), कुरुक्षेत्र
डॉ. राजश्री	डी.ए.वी.पी.जी. महाविद्यालय, करनाल

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty **Nil**
13. Student -Teacher Ratio (programme wise) **B.A. 83:1**  
**B.Sc 175:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled **Nil.**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. **Ph.D.-1**
16. Number of faculty with ongoing projects from
- a) National **1**
- Dr. Basant Kumar**
- **One Minor project 'गौत्र पिण्ड आधारित वैदिक विवाह की वैज्ञानिकता' sanctioned by UGC for Rs. 1,20,000. (completed)**
- b) International funding agencies and grants received **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**
18. Research Centre /facility recognized by the University **Nil**
19. Publications:
- \* Number of papers published in peer reviewed journals (national / international) by faculty and students **Nil**
- Papers Presented 15**
- Dr. Basant Kumar**
- शोध-पत्र-प्रस्तुति**
- विषय:- वैदिक वाङ्मय में विमान-विज्ञान ।  
स्थान:- गुरुकुल कांगड़ी विश्वविद्यालय हरिद्वार, उत्तरांचल  
दिनांक:-9-11 फरवरी 2007
  - विषय:- त्रेता-युगीन विमान-विद्या  
स्थान:- गान्धी मैमोरियल नैशनल कालेज अम्बाला छावनी  
दिनांक:-8-9 दिसम्बर 2007
  - विषय:- वाल्मीकिरामायण में प्रतिपादित शास्त्रसम्मत क्षात्रधर्म ।  
स्थान:- कुरुक्षेत्र विश्व विद्यालय कुरुक्षेत्र  
दिनांक:-29-31 जनवरी 2008

- विषय:- दार-कर्म में गोत्र-आदि का औचित्य  
स्थान:- कुरुक्षेत्र विश्वविद्यालय कुरुक्षेत्र  
दिनांक:- 28-30 जुलाई 2008।
- विषय:- आयुर्वेद प्रतिपादित दुग्ध-विज्ञान।  
स्थान:- राष्ट्रीय डेयरी अनुसंधान संस्थान, करनाल  
दिनांक:-21-22 जनवरी 2009
- विषय:- विमान-यन्त्रणां वस्त्राणि आहाराश्च।  
स्थान:- उत्तरांचल संस्कृत अकादमी, हरिद्वार  
दिनांक:-27-28 फरवरी 2009
- विषय:- वाल्मीकि का लोकोपकारक क्षात्रधर्म।  
स्थान:- पंजाबी विश्वविद्यालय, पटियाला, पंजाब  
दिनांक:-27-28 मार्च 2009
- विषय:- यज्ञ से पर्यावरण-शुद्धि एवं वृष्टि।  
स्थान:- गुरु नानक खालसा महाविद्यालय, करनाल  
दिनांक:- 24 अगस्त 2009
- विषय:- आयुर्वेद प्रतिपादित घृत-विज्ञान।  
स्थान:- गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार  
दिनांक:-20-22 नवम्बर 2009
- विषय:- संस्कृत साहित्य में व्यवस्था-विश्लेषण एवं मानवाधिकार  
स्थान:- सनातन धर्म कालेज, अम्बाला छावनी  
दिनांक:- 28-29 जनवरी 2010
- विषय:- प्राचीन सृष्टि-चक्र-व्यवस्था  
स्थान:- राजकीय महिला महाविद्यालय, करनाल  
दिनांक:- 26-27 फरवरी 2010
- विषय:- आयुर्वेद प्रतिपादित दधि-विज्ञानम्  
स्थान:- उत्तरांचल संस्कृत अकादमी, हरिद्वार  
दिनांक:- 11-13 मार्च 2010
- विषय:- आदर्श धर्म-पालक श्री राम  
स्थान:- पंजाबी विश्वविद्यालय, पटियाला  
दिनांक- 24-25 मार्च 2010
- विषय:- प्राचीनदारकर्म व्यवस्था  
स्थान:- डी0ए0वी कालेज, न्यनौला, अम्बाला  
दिनांक- 12 मार्च 2011
- विषय:- वृक्षेषु चैतन्यम्  
स्थान:- एस0 डी0 कालेज, अम्बाला छावनी  
दिनांक- 30 अगस्त 2012

\* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

\* Monographs **Nil**

- \* Chapter in Books Nil
- \* Books Edited Nil
- \* Books with ISBN/ISSN numbers with details of publishers Nil
- \* Citation Index Nil
- \* SNIP Nil
- \* SJR Nil
- \* Impact factor Nil
- \* h-index Nil
20. Areas of consultancy and income generated Nil
21. Faculty as members
- a) National committees
- Dr Basant Kumar**
- Life member Sanskrit Bharti, New Delhi.
  - Member, Board of Studies, Sanskrit Department 2010 - 2012.
- b) International Committees Nil
- c) Editorial Boards Nil
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme Nil
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies Nil
23. Awards/ Recognitions received by faculty and students Nil
24. List of eminent academicians and scientists/ visitors to the department

आचार्य वेद प्रकाश शास्त्री	प्रति उपकुलपति, गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार
डॉ. रणवीर सिंह	निदेशक संस्कृत एवं विद्या संस्थान कु.वि.कु.
डॉ. सुधीकान्त भारद्वाज	प्रोफेसर, एम.डि.यू. रोहतक
डॉ. श्रीमती प्रवीण सिंह लाठर	चिकित्सक, महाबीर दल अस्पताल, करनाल
प्रो. लक्ष्मीश्वर झा	प्रोफेसर, लालबहादुर शास्त्री विश्वविद्यालय, दिल्ली
डॉ. सुरेन्द्र कुमार	प्रोफेसर, महर्षिदयानन्द विश्वविद्यालय, रोहतक
श्री विनय कोहली	योगाचार्य कर्ण योग एसोसियेशन, करनाल
मेजर अनिरुद्ध यादव	प्रोफेसर (सेवानिवृत्त), सैन्य विज्ञान, राजकीय महाविद्यालय
डॉ. रूबी जैन	प्रोफेसर, डी.ए.वी. महाविद्यालय, होशियारपुर (पंजाब)
डॉ. जितेन्द्र कुमार	प्रोफेसर, राजकीय महाविद्यालय, इन्द्री, करनाल
डॉ. इन्द्रजीत नागपाल	प्रोफेसर, राजकीय महाविद्यालय, करनाल
डॉ. मदन लाल वर्मा	प्रोफेसर (सेवानिवृत्त), कुरुक्षेत्र
डॉ. राजश्री	डी.ए.वी.पी.जी. महाविद्यालय, करनाल



25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

**1**

**The department organized one UGC sponsored seminar Avashyamev bhoktavyam kritam karam shubha shubham on 31<sup>st</sup> Oct, & 1<sup>st</sup> Nov, 2010.**

b) International

**Nil**

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16
	Applications received	Selected	Enrolled *M *F	Pass %age
<b>B.A. I</b>	<b>60</b>	<b>34</b>	<b>31 01</b>	<b>58.33</b>
<b>B.A. II</b>	<b>31</b>	<b>31</b>	<b>29 02</b>	<b>71.43</b>
<b>B.A. III</b>	<b>18</b>	<b>18</b>	<b>16 03</b>	<b>64.29</b>
<b>B.Sc. II</b>	<b>175</b>	<b>175</b>	<b>75 100</b>	<b>99.41</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
<b>B.Sc.</b>	<b>96</b>	<b>4</b>	<b>Nil</b>
<b>B.A.</b>	<b>98</b>	<b>2</b>	<b>Nil</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

**Eight (08)**

29. Student progression

Student progression	Against % enrolled
UG to PG	<b>50</b>
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	<b>20</b>
Entrepreneurship/Self-employment	<b>15</b>

30. Details of Infrastructural facilities

a) **Library**

**Yes**

b) **Internet facilities for Staff & Students**

**Yes**

c) **Class rooms with ICT facility**

**The common facilities provided by the college are used whenever required.**

d) **Laboratories**

**No**

31. Number of students receiving financial assistance from college, university, government or other agencies

**30**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

1) **The department organized one UGC sponsored seminar Avashyamev bhoktavyam kritam karam shubha shubham 31<sup>st</sup> Oct. & 1<sup>st</sup> Nov. 2010.**

2) **The department organized various extension lectures by inviting eminent educationist of the field as listed below.**

- **विषय:— करें योग रहें निरोग**  
**व्याख्याता:— डा. राज्यश्री डी.ए.वी. कालेज करनाल**  
**दिनांक:— 30 अगस्त 2010**
- **विषय:— संस्कृत संभाषण के सरल उपाय**  
**व्याख्याता:— श्री रजनीश संस्कृत भारती हरि**  
**दिनांक:— 17 अगस्त 2011**
- **आयुर्वेद प्रति पादित ओजसवृद्धि के उपाय**  
**व्याख्याता:— वैद्य मनोज विरभानी करनाल**  
**दिनांक:— 6 मार्च 2012**

33. Teaching methods adopted to improve student learning  
**Assignments, Class test, Group Discussions, Quiz**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities  
**Active participation of the students in Sanskrit Drama, Mantra and Shloka Recitation, Declamation Contests, Paper reading Contests.**

35. SWOC analysis of the department and Future plans

**Strengths**

- **Cultured and civilized residents of Indian society are nurtured.**
- **Helpful in B.Ed. and for teaching posts in schools.**
- **Helpful in Civil Services.**

**Weakness**

- **The students are not interested in the language.**

**Opportunities**

- **There should be a practical course and knowledge to update this department and to make it an interesting subject.**
- **The knowledge of Sanskrit is required to understand our rich heritage of Vedas, Upnishads, Ayurveda, Yoga Science and Astronomy etc.**

**Challenges**

- **To popularize the ancient subject of Sanskrit to the younger generation.**

**Future Plan**

- **Use of computer for the teaching of Sanskrit language.**

## Evaluative Report of the Department of Zoology & Forensic Science

1. Name of the Department **Zoology & Forensic Science**
2. Year of Establishment **1968**
3. Names of Programmes / Courses offered **B.Sc., M.Sc. Forensic Science**  
(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **(5 Years Integrated course under Innovative Programme of UGC)**
4. Names of Interdisciplinary courses and the departments/units involved **Bioinformatics and Forensic Science**
5. Annual/ semester/choice based credit system (programme wise) **Semester**
6. Participation of the department in the courses offered by other departments **Botany, Genetics, Physics Biotechnology & Chemistry**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **No**
8. Details of courses/programmes discontinued (if any) with reasons **Nil**
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
<b>Faculty</b>	<b>03</b>	<b>03</b>
<b>Associate Professor</b>	<b>01</b>	<b>01</b>
<b>Assistant Professor</b>	<b>02</b>	<b>01 + 01 (contractual basis)</b>
<b>Assistant Professor</b>	<b>-</b>	<b>01 on contractual basis for M.Sc. Forensic Science</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil./Ph.D. Students guided for the last 4 years
<b>Dr. Chander Shekhar</b>	<b>M.Sc, M.Phil, Ph.D</b>	<b>Associate Professor</b>	<b>Ecology and Wild Life Biology</b>	<b>27</b>	<b>M.Phil -7</b>
<b>Dr. Shweta Yadav</b>	<b>M.Sc., Ph.D</b>	<b>Assistant Professor</b>	<b>Molecular Cytogenetics</b>	<b>3</b>	<b>-</b>
<b>Ms. Manisha Yadav</b>	<b>M.Sc</b>	<b>Assistant Professor</b>	<b>Genetics</b>	<b>1</b>	<b>-</b>
<b>Mr. Vikas Bhargav</b>	<b>M.Sc.</b>	<b>Assistant Professor</b>	<b>Forensic Science</b>	<b>-</b>	<b>-</b>

11. List of senior visiting faculty

<b>Prof. Dr. Gurbachan Singh</b>	<b>Chairman, Agricultural Scientist Recruitment Board, New Delhi</b>
<b>Prof. Dr. Girish Chopra</b>	<b>Dean, Academic Affairs, K.U. Kurukshetra</b>
<b>Prof. Rohtash Gupta</b>	<b>Department of Zoology, K.U. Kurukshetra</b>
<b>Prof. R. K. Sharma</b>	<b>Dean of Colleges and Chairman, Department of Zoology, K.U. Kurukshetra</b>
<b>Prof. G. Wankhede</b>	<b>Department Of Zoology, Amrawati University, Amrawati</b>
<b>Prof. S. Sahi</b>	<b>Department of Zoology , Jammu University, Jammu</b>
<b>Dr. R. Sahai</b>	<b>Former Director, N.B.A.G.R., Karnal</b>

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty **33%**
13. Student -Teacher Ratio (programme wise) **70:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
**Sanctioned 2**  
**Filled 2**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.  
**Ph.D. 2**  
**P.G. (M.Sc.) 2**
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received  
**National 1**  
**Dr. Chander Shekhar**  
**1) One minor research project titled 'Rehabilitation of Marsh Crocodile .... And Avian Fauna' sponsored by U.G.C. for Rs. 65000/- (Completed).**  
**International 1**  
**Dr. Chander Shekhar**  
**1) One research project titled 'Petro count project of South East Asia' under CCINSA, IUCN as Volunteer.**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **Nil**
18. Research Centre /facility recognized by the University  
**M. Phil Guided : 7**  
**Dr. Chander Shekhar**

<b>Sr. No.</b>	<b>Name of the Candidate</b>	<b>Topic of Dissertation</b>	<b>University</b>	<b>Year</b>
<b>1</b>	<b>Meenakshi</b>	<b>Ecological studies on Rhesus Monkey <i>Macaca mullatta</i> at Bir Seonhi Forest In District Kurukshetra</b>	<b>CDLU, Sirsa</b>	<b>2006</b>
<b>2</b>	<b>Sudesh Chaudhary</b>	<b>Preliminary study of the status and behaviour of Bat population in Karnal City</b>	<b>CDLU, Sirsa</b>	<b>2007</b>

3	Sonia	Ecological studies on Rhesus Monkey <i>Macaca mullatta</i> and Avian Fauna of Bir Bara Ban Wildlife sanctuary, Jind, Haryana, India	CDLU, Sirsa	2007
4	Nutan Sharma	Community structure and Seasonal Diversity of Dung Beetles in District Hamirpur	CDLU, Sirsa	2007
5	Madhu Bala	Aquatic avian fauna of District Panchkula (Haryana)	Vinayaka Missions University, Salem	2008
6	Susham Lata	Effect of Detergents on the Fresh water Fish <i>Labeo rohita</i>	Vinayaka Missions University, Salem	2008
7	Dr Rajeev Vats	Analysis of Forensic DNA Mixtures By using Statistical Methods	The Global Open University, Nagaland	2009

19. Publications:

1. a) Publication per faculty

Published : 11      Communicated : 02      Presented : 13

**Dr. Chander Shekhar**

1. Vats R. and C.S. Bhardwaj (2009) Investigations in activity time budget and social organization of Indian Black Buck (*Antelope cervicapra*) Linn. (Mammalia, Artiodactyla) at M.C. Zoological Park, Chhatbir (Pb) *Current World Environment* Vol. 4(1). pp. 97-102.
2. Vats R. and C.S. Bhardwaj (2009) A study of reproductive behavior of Indian Black Buck (*Antelope cervicapra*) Linn. With reference to courtship, breeding, fawning and colouration *Current World Environment* Vol. 4(1). pp. 121-125.
3. Vats R. and C.S. Bhardwaj (2009) A Study of behavior of the old male and female Indian Black Buck (*Antelope cervicapra*) Linn. (Mammalia, Artiodactyla) in context of herd size at M.C. Zoological Park, Chhatbir (Pb) *Biomedical and Pharmacology Journal* Vol.2(1). pp. 83-86.
4. Chander Shekhar 'Understanding the Coordinate Survival of Indian Flying Fox in Karnal Environ, Haryana, India' *INSIGHT – An International Journal of Science*, Vol.I, Dec.2014, ISSN 2394-0360.
5. Chander Shekhar: Preliminary studies on avian fauna of Panchkula District of Haryana communicated to *Zoo Print*.

6. Chander Shekhar: Investigations in Migratory behavior of Marsh Crocodile *Crocodylus palustris* Lesson of Bhor Saidan Crocodile Sanctuary in District Kurukshetra, Haryana communicated to *Journal of Threatened Taxa*

**Dr. Shweta Yadav**

1. Yadav S, Karwasra RK and Yadav AS (2013) Comparative study of ABO and Rh (D) allele frequencies in cancer patients and healthy individuals of Haryana. *Annals of Biology*. ISSN 0970-0153. 29 (1): 79-81. (NAAS Rating-3.8)
2. Yadav S, Karwasra RK and Yadav AS (2013) Distribution of ABO and Rh (D) allele frequencies in six endogamous groups of Haryana. *Annals of Agri Bio Research*. ISSN 0971-9660. 18 (1): 79-81. (NAAS Rating-3.5)
3. Yadav S and Yadav AS (2013) A Study on Distribution of ABO and Rh (D) allele frequencies among Bishnoi, Sunar and Kumhar of Haryana. *Indian Journal of Genetics and Molecular Research*. ISSN 2319-4782. 2 (1): 7-9.
4. Jain R, Yadav S and Yadav AS (2013) Distribution of Morphological and Behavioural Traits among Four Endogamous Groups of Haryana. *Journal of Cytology and Genetics* ISSN 0253-7605. 14 (NS) 1: 15-22.
5. Yadav S and Yadav AS (2013) Distribution of ABO and Rh (D) Allele Frequencies among Four Endogamous Groups of Haryana. *Indian Journal of Genetics and Molecular Research*. ISSN 2319-4782.
6. Yadav AS, Yadav S, Sharma MK and Arora P (2013) A Study of Distribution of Morphological and Behavioural Traits among Five Endogamous Groups Belonging to Haryana. *The Asian Man*. ISSN 0974-6366.
7. Jain R, Yadav S and Yadav AS (2014) Distribution of morphological and behavioural traits among five endogamous groups of Haryana. *Annals of Biology*. ISSN 0970-0153. (NAAS Rating-3.8).

**Papers Presented**

**Dr. Chander Shekhar**

1. Presented a paper in National Symposium on Recent Advances in Life Sciences and Environmental Conservation in Welfare of Human Society organised by the Department of Zoology, K.U.Kurukshetra and Indian Society Of Life Sciences, Kanpur on Feb.3-5, 2006.
2. 'Ecological studies on the status of the Indian Flying Fox in Karnal city, Haryana, India' was presented in poster form at the 'Biodiversity Monitoring and Conservation: Bridging Gaps between Global Commitment and Local Action' organised by Zoological Society of London at London(U.K.) on June,18-19, 2009.
3. Presented paper 'Status of Black Buck in the state of Haryana'in D G H E Sponsored State Level Seminar on 'Environmental Challenges and Tools to Manage Sustainable Development' at Govt. College for Girls Sector -14. Panchkula on Feb 2, 2012.

4. Presented two papers in Seminar cum Workshop on Study of Biodiversity in Today's perspective at Dyal Singh College Karnal on March 10-12, 2012.
5. Habitat shift due to pressure of urbanization on population of Indian Flying fox in Karnal city, Haryana, India accepted for presentation at Third seminar on theme 'Small mammals vulnerable in climate change' at Kathmandu, Nepal on May 15, 2012.
6. Presented a paper 'An Overview of Bhor Saidan Crocodile Sanctuary in Kurukshetra District in Haryana, India' at International World Congress on Man and Environment at Nagpur on Nov 3-5, 2013.
7. '*Understanding the coordinate survival of Indian Flying Fox in Karnal environ, Haryana, India*' presented in international seminar at Ryerson University Toronto in Academic Conference organized from May 20- 23, 2013.
8. Presented paper 'Futuristic co-houses by taking a leaf from Tradition' in DHE sponsored National Seminar on 'Designing Futuristic Model of an Ecocity – Issues & Challenges' held at Guru Nanak Girls College, Yamunanagar on February 22, 2014.
9. Presented paper 'Human Evolution & its Impact on Evolution of Other Animals' in DHE sponsored National Seminar on 'Origin of Life and Its Concepts' held at Guru Nanak Girls College, Yamunanagar on March 31, 2016.

**Dr. Shweta Yadav**

1. Presented Research Paper titled 'Increased Frequency of Micronuclei in Workers Occupationally Exposed to Nickel' in National Conference on Medical Biotechnology–Vision 2020. Advanced Centre for Biotechnology, Maharishi Dayanand University, Rohtak. April 16-18, 2010.
2. Presented Research Paper titled 'Assessment of Genotoxicity due to Nickel Electroplating' in 5<sup>th</sup> JK Science Congress: Science for Society. Organized by University of Jammu, Jammu, J&K State Council for Science and Technology, J&K Govt., and Department of Science and Technology, Govt. of India, New Delhi. February 08-10, 2010.
3. Presented paper entitled, "Micronucleus Assay and Comet Assay as low cost biomarkers for mass screening for cancer" at World Cancer Congress 2016. Organised by Union for International Cancer Control (UICC), Paris, France. October 31- November 03, 2016.

**Sh. Vikas Bhargav**

1. Presented a paper in National Seminar on 'Conventional and Novel Approaches' organized by Department of Zoology, Kurukshetra University, Kurukshetra on 12 March 2016.

### Seminar /Conferences Attended

#### Dr. Chander Shekhar

1. Attended AICTE sponsored workshop “Biotechnological Methods in Pollution Control” organised by NC College of Engineering, Israna, Panipat on August 03, 2004.
2. Attended IXth Annual Conference of Indian Association Of Biology Teachers (Colleges) at M.L.N. College , Yamuna Nagar on 20-2-2005
3. Attended UGC Sponsored National Seminar on ‘Environment Management through Environment Education’ organised by S. D. College, Panipat on March 27th, 2006.
4. Attended 11<sup>th</sup> Annual Conference of IABT © held at DAV,College, Sector 10, Chandigarh on March 25,2007.
5. Attended UGC Sponsored National Seminar on ‘Water Conservation Need of the Hour’ at G. M. N. P. G. College, Ambala Cantt. on Sept.28-29,2007
6. Attended National Seminar on ‘Technical Advances In Environment Management and Applied Zoology’ organised by the Department of Zoology, K.U.Kurukshetra on Jan.23-25, 2008.
7. Attended UGC Sponsored National Seminar on ‘Potential of Biological Sciences in Making India a developed Country’ at Govt. College for girls, Sector - 42 , Chandigarh on Feb. 4,2008.
8. Attended XII th Annual Conference of Indian Association Of Biology Teachers (Colleges) at Govt. College for girls, Sector - 42 , Chandigarh on April 13 ,2008.
9. Attended D G H E Sponsored State Level Seminar on ‘Relevance of Basic Sciences In Higher Education’ at G. M. N. P. G. College, Ambala Cantt. on March 6,2009.
10. Attended National Seminar on ‘Nanotech – 09’ at R P I I T ,Bastara . Karnal on April 11 ,2009.
11. Participated in India Lab Expo and Conference- 2<sup>nd</sup> Conference on Laboratory and Analytical Technologies, 10-11 December 2010, Pragati Maidan, New Delhi.
12. Attended NAAC Sponsored State Level Workshop on ‘Process of Accrediation’ at Bhagat Phool Singh Mahila Vishwavidyalaya. Khanpur Kalan, Sonipat on Nov.18, 2011.
13. Attended International Seminar Jointly organised by TERI and VITO Belgium on ‘Water our Global Common’ at India Habitat centre New Delhi on Jan 31 ,2012.
14. Attended UGC Sponsored National Seminar on ‘Modern Food Biotechnology Human Health and development- An Overview’ at G.N.G College for Girls, Sant pura Yamuna Nagar. On Feb.16, 2012.
15. Attended two day workshop on “Examination System, Quality Education and Academic Governance” organised by UGC Academic Staff College, K.U.Kurukshetra on September 17-18, 2012.



16. Attended two-day National Seminar on Higher Education in India: Striving for Excellence organized by IQAC, K.U. Kurukshetra on Oct. 23-24, 2013.
17. Participated in workshop 'Innovative Methodologies in Teaching of Life science and Bio Medical Science Laboratory Courses at M.L.N. College, Yamuna Nagar on August 01, 2014.

**Dr. Shweta Yadav**

1. National Seminar on Technical Advances in Environment Management and Applied Zoology. Organized by Department of Zoology, K.U., Kurukshetra on January 23-25, 2008.
2. National Seminar on Managing Climate Change: Molecules to Communities. Organized by Department of Zoology, K.U., Kurukshetra on March 21-22, 2009.
3. Science Conference to Celebrate Dr. Homi J. Bhabha Birth Centenary. Organized by K.U., Kurukshetra and Department of Science and Technology, Haryana on January 23-24, 2010.
4. 5<sup>th</sup> JK Science Congress: Science for Society. Organized by University of Jammu, Jammu, J&K State Council for Science and Technology, J&K Govt., and Department of Science and Technology, Govt. of India, New Delhi on February 08-10, 2010.
5. National Conference on Medical Biotechnology – Vision 2020. Organized by Advanced Centre for Biotechnology, Maharishi Dayanand University, Rohtak on April 16-18, 2010.
6. Seminar on Biodiversity Conservation for Development. Organized by Faculty of Life Sciences, K.U., Kurukshetra on May 22, 2010.
7. International Consultation on DNA Barcoding. Organized by Indian Council for Agricultural Research, New Delhi in collaboration with Consortium for the Barcode of Life, U.S.A. and International Barcode of Life on November 6-7, 2010.
8. National Symposium on Chronobiology. Organized by Department of Zoology, Kurukshetra University, Kurukshetra in collaboration with Indian Society for Chronobiology on March 15-17, 2011.
9. National Seminar on Recent Advances in Human Biology (A Series of Plenary Talks). Organized by Department of Human Biology, Punjabi University, Patiala on March 11-12, 2013.

**Sh. Vikas Bhargav**

1. National Seminar on 'Forensic Toxicology' under UGC-SAP Programme organized by Punjabi University, Patiala on September 5, 2015.
2. International Workshop on 'Wiki Conference India 2016' at CGC, Landran, Mohali on 5-7 August 2016.
3. National Seminar on 'Evolving New Horizons of Zoological Sciences in Human Welfare' organised by Department of Zoology, Kurukshetra University, Kurukshetra on November 23-24, 2016.

## Other Achievements

### Dr. Chander Shekhar

1. Invited as a resource person in National Symposium on Recent Advances in Life Sciences and Environmental Conservation in Welfare of Human Society organised by the Department of Zoology, K.U.K and Indian Society Of Life Sciences, Kanpur on Feb.3-5, 2006.
2. Appointed as judge in Inter College Meet organized by Dr. G.D.D.A.V.College of Education for Women, Karnal on March 12,2007.
3. Poster 'Ecological Studies on the Status of the Indian Flying Fox in Karnal City, Haryana, India' displayed in the International Symposium 'Biodiversity Monitoring and Conservation: Bridging the Gaps between Global Commitment and Local Action' organised by Zoological Society of London in London on June 18-19,2009.
4. Appointed as judge to evaluate the projects in the Inter District Level Science Exhibition organized by M.L.N.College, Yamuna Nagar on Dec.01, 2009.
5. Acted as Member, Advisory Committee for UGC & DHE, Haryana sponsored National Seminar 'Commitment in Post-Colonial Literature and Theory' organised by Dept. of English, Dyal Singh College, Karnal on Feb.11-12,2011
6. Chaired a session in UGC sponsored IInd World Congress for Man and Nature-2012 On 'Global change: Impact on Biodiversity, Culture and Technology' organised by Sevalal Mahila Mahavidyalaya, Nagpur, Nov.3-5,2012.
7. Appointed as judge to evaluate the projects in the Inter District Level Science Exhibition organized by M.L.N.College, Yamuna Nagar on Dec.01, 2009.
8. Letter of Appreciation from Dr. V.S.Vijayan, Salim Ali Centre for Ornithology and Natural History, Coimbatore for extending co-operation in making the 'Inland Wetlands of India' project of SACON a grand success.
9. Member, Under-graduate Board of Studies, K.U.Kurukshetra,1996-98.
10. Member, Under-graduate Board of Studies, 2012-14.
11. Member, UMC Committee, K.U.Kurukshetra, 2003-04.
12. Member, UMC Committee, K.U.Kurukshetra, 2011-12.
13. Member, UMC Committee, K.U.Kurukshetra, 2015-16.
14. Bursar of the college for the last 4 years.
15. Member, Evaluation Board, Science Section, "Samskaar Chetna" International research Journal, ISSN: 2347-4041.

### Dr. Shweta Yadav

1. Attended UGC sponsored Refresher Course in Life Sciences and Biotechnology organized by Human Resource Development Centre, Jawaharlal Nehru University, New Delhi, from October 03-28, 2016 (26 days) and obtained Grade 'A'.

* Number of papers published in peer reviewed journals (national / international) by faculty and students	<b>12</b>
* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	<b>12</b>
* Monographs	<b>Nil</b>
* Chapter in Books	<b>01</b>
<b>Yadav AS, Sharma MK and Yadav S (2011) Increased Genetic Damage due to Mobile Phone Radiations. In: <i>Mobile Phones: Technology, Networks and User Issues</i>. (Eds.- Barnes MC and Meyers NP). Nova Science Publishers, Inc., U.S.A. ISBN 978-1-61209-247-8. Pp. 95-131.</b>	
* Books Edited	<b>01</b>
<b><u>Dr. Chander Shekhar:</u></b> <b>Study of Biodiversity in Today's Perspective Published by R Chand &amp; Co. , Delhi. ISBN: 81-8045-088</b>	
* Books with ISBN/ISSN numbers with details of publishers	<b>09</b>
<b>Total books published</b>	<b>09</b>
<b><u>Dr. Chander Shekhar:</u></b>	
<b>1. Comparative Chordate Anatomy by Lambert Academic Publication, Germany, 2014. ISBN 978-3-659-50086-2.</b>	
<b>2. The Indian Muggers of Kurukshetra by Lambert Academic Publication, Germany, 2014. ISBN 978-3-659-54365-8.</b>	
<b>3. Rhesus Monkey and Avian Fauna or Bir Bara Sanctuary of Haryana by Lambert Academic Publication, Germany, 2014. ISBN 978-3-659-59537-0.</b>	
<b>4. Denizens of Karnal (A Survival Story of Bat Population in Karnal), Lambert Academic Publication, Germany 2016, ISBN 978-3-659-94471-0.</b>	
<b>5. Comparative Chordate Zoology by Modern Publishers, 2014.</b>	
<b>6. Modern Zoology Vol.I for BSc V Semester by Modern Publishers, 2016.</b>	
<b>7. Modern Zoology Vol.I for BSc VI Semester by Modern Publishers, 2016.</b>	
<b>8. Modern Zoology Vol. I for BSc III Semester by Modern Publishers, 2016.</b>	
<b>9. Modern Zoology Vol.III for BSc IV Semester by Modern Publishers, 2016.</b>	
* Citation Index	<b>Nil</b>
* SNIP	<b>Nil</b>
* SJR	<b>Nil</b>
* Impact factor	<b>28</b>
* h-index	<b>Nil</b>
20. Areas of consultancy and income generated	<b>Nil</b>

21. Faculty as members

**Dr. Chander Shekhar :**

a) **National Committees:**

1. Life member, Zoo Outreach Organization, Coimbatore.
2. Life member, Society of Environmental Scientists.
3. Life Member of Environmental Conservation Journal.

b) **International Committees :**

Member of Chiroptera Conservation and Information Network of South Asia (CCINSA).

c) **Editorial Boards :**

1. Environmental Conservation Journal
2. Journal of Researchers World

**Dr. Shweta Yadav :**

a) **National committees :**

1. Zoological Association (Kurukshetra University, Kurukshetra)- Vice-President (2012-2014).
2. Indian Science Congress Association- Life Member (L16603).
3. Society of Cytologists and Geneticists- Member (2013).

b) **International Committees :**

1. IUCN (CEESP)- Theme on Environment, Conflict and Security (TECS)- Member.
2. IUCN (CEESP)- Theme on the Social and Environmental Accountability of the Private Sector (SEAPRISE)- Member.
3. IUCN (CEESP) Youth Engagement and Intergenerational Partnership- Member.
4. International Society for Zoological Sciences-Member (No. 763-I).

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme **100**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **05**

23. Awards/ Recognitions received by faculty and students

**Dr Chander Shekhar**

- **Dr. Chander Shekhar received ASEA excellence award for outstanding performance and lasting contribution in the field of Environmental Education.**

Awards/ Recognitions received by students

- **First prize in State Level Science Exhibition in the subject of Zoology at Govt. Girls College, Rohtak in 2009.**
- **First prize in Inter District Level Science Exhibition in the subject of Zoology in 2012-13.**
- **Third Prize in State Level Science Exhibition in the subject of Zoology at G.N.G. College, Yamuna Nagar in 2012-13 and our student Ms Saloni got best presenter prize.**

24. List of eminent academicians and scientists/ visitors to the department

<b>Prof. Dr. Gurbachan Singh</b>	<b>Chairman, Agricultural Scientist Recruitment Board, New Delhi</b>
<b>Prof. Dr. Girish Chopra</b>	<b>Dean Academic Affairs, K.U., Kurukshetra</b>
<b>Prof. Rohtash Gupta</b>	<b>Department of Zoology, K.U., Kurukshetra</b>
<b>Prof. R. K. Sharma</b>	<b>Dean of Colleges and Chairman, Department of Zoology, K.U. Kurukshetra</b>
<b>Prof. G Wankhede</b>	<b>Department of Zoology, Amrawati University Amrawati</b>
<b>Prof. S. Sahi</b>	<b>Department of Zoology , Jammu University Jammu</b>
<b>Dr. R. Sahai</b>	<b>Former Director N.B.A.G.R., Karnal</b>

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National **02**

- **UGC sponsored National Seminar on Role of Biotechnology in Environmental Management, Jan 12-13, 2008.**
- **UGC sponsored National Seminar cum Workshop on Study of Biodiversity in Today's Perspective, March 10-12, 2012.**

b) International **Nil**

26. Student profile programme/course wise:

Name of the Course/ programme	2016-17			2015-16
	Applications received	Selected	Enrolled *M *F	Pass %
<b>B.Sc. I</b>	<b>328</b>	<b>99</b>	<b>35 64</b>	<b>77.63</b>
<b>B.Sc. II</b>	<b>78</b>	<b>78</b>	<b>27 51</b>	<b>87.04</b>
<b>B.Sc. III</b>	<b>64</b>	<b>64</b>	<b>27 37</b>	<b>100.00</b>
<b>M.Sc. F.Sc. I</b>	<b>58</b>	<b>24</b>	<b>08 16</b>	<b>100.00</b>
<b>M.Sc. F.Sc. II</b>	<b>14</b>	<b>14</b>	<b>03 11</b>	<b>-</b>

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
<b>B.Sc.</b>	<b>96</b>	<b>4</b>	<b>Nil</b>
<b>M.Sc.</b>	<b>98</b>	<b>2</b>	<b>Nil</b>

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

**Eight (08)**

29. Student progression

<b>Student progression</b>	<b>Against % enrolled</b>
UG to PG	<b>90</b>
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	20
Entrepreneurship/Self-employment	<b>10</b>

30. Details of Infrastructural facilities

a) **Library** :

The department has a library having 80 text-books and 20 reference books. The books are issued to the students. Mr. Santosh Kumar is the in charge of departmental Library. The students and faculty members also consult the main library having more than one thousand books on the subject.

b) **Internet facilities for Staff & Students :**

Wi-Fi network and broad band connection under ICT plan is available in the department.

c) **Class rooms with ICT facility** :

In laboratory multimedia projector linked with Wi-Fi enabled Laptop is available for viewing of Computer simulation of the dissections and other multimedia literature.

d) **Laboratories** :

The department has one laboratory and one museum with two stores for chemicals.

31. Number of students receiving financial assistance from college, university, government or other agencies **25**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

**A. The department organized two UGC sponsored seminars**

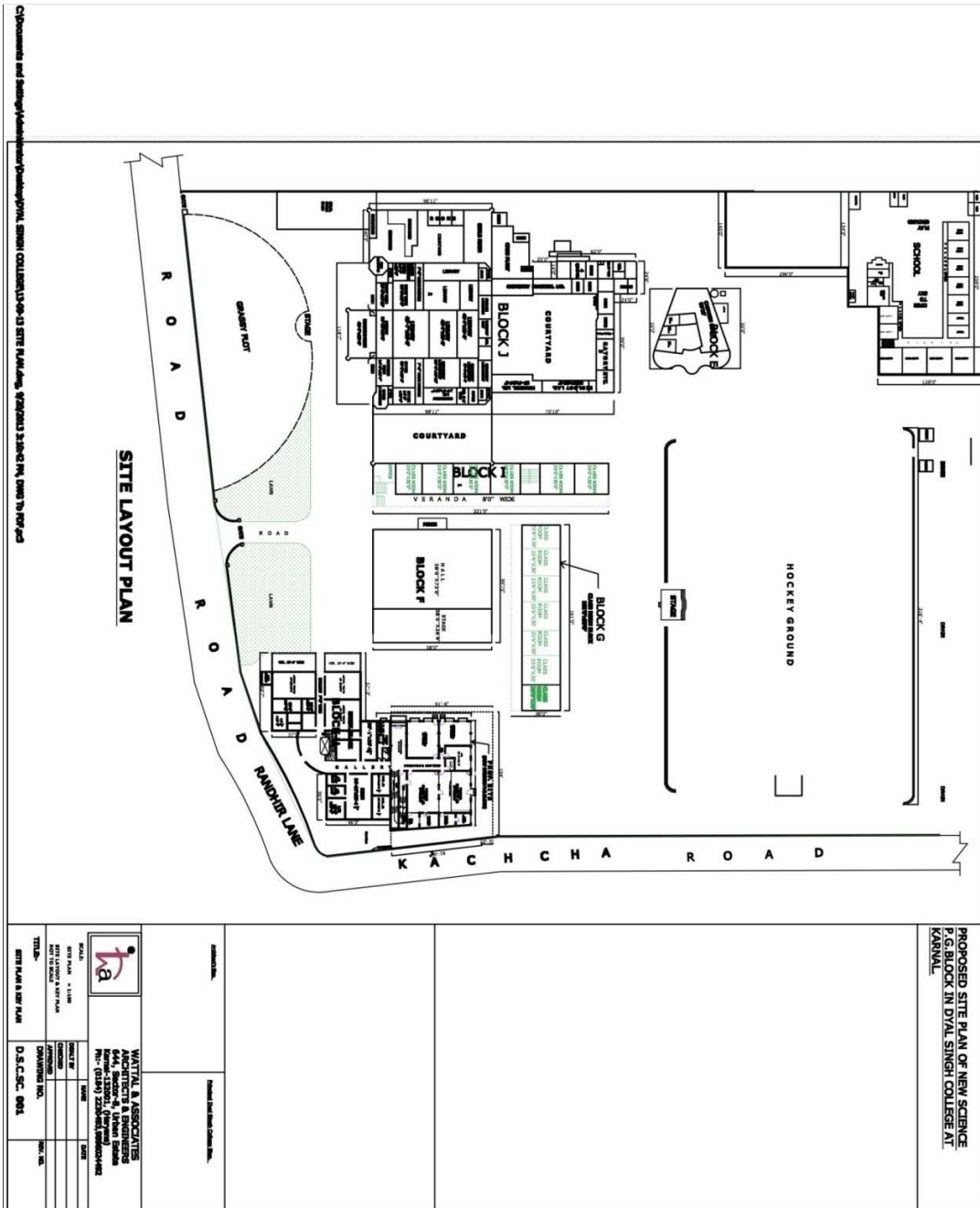
a. **Seminar on Role of Biotechnology in Environment Management, Jan. 12-13, 2008**

b. **Seminar cum Workshop on Study of Biodiversity in Today's Perspective, March 10-12, 2012**

**B. Dr Chander Shekhar is one of the resource persons in EDUSAT program of Department of Higher Education, Govt. of Haryana and delivered more than 30 lectures. All these lectures were delivered to our students separately through audio visual aids.**

**C. The department organized various extension lectures by inviting eminent educationist of the fields listed above.**

33. Teaching methods adopted to improve student learning  
**In addition to regular teaching techniques the students are exposed to lectures of EDUSAT and delivered some lectures through audiovisual aids in the form of power point presentations.**  
**The students are also exposed to field studies by arranging excursions to national parks, zoological parks, fish breeding centers and eminent institutes.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities  
**The students participate in social work of the society as N S S volunteers and teach public regarding environmental awareness and social problems like role of khap panchayats, paternity disputes and problems due to genetic disorders.**
35. SWOC analysis of the department and Future plans  
**Strengths :**
- **Well qualified, passionate, dedicated, highly experienced staff.**
  - **Well equipped laboratory.**
  - **Most of the theory and practical classes on Power point.**
  - **Exposure of students to field study and institutes of national repute like NDRI, ICAR, Wild Life institute of India, FRI (Dehradun).**
- Weakness :**
- **One permanent post is lying vacant.**
  - **At school level practical training is not given properly.**
- Opportunities :**
- **The students of Biology have great opportunity in Indian forest services and Indian administrative services exams as a subject.**
  - **To explore the fields of Conservation Biology/ Wildlife/ Ecology/ Environmental Sciences/ Climate change etc. for job opportunities for students.**
  - **To organize seminars for the students for awareness in career choices and placements in the field of Life Sciences.**
- Challenges :**
- **To make the subject interesting and significant in today's changing world.**
  - **The curriculum should be upgraded regularly.**
- Future Plans :**
- **The department is planning to start M.Sc. in Environment Science.**





### **Steering Committee**

Dr. Krishan Lal Gosain	Principal (Officiating)
Dr. Chander Shekhar	Coordinator
Dr. Ritu Sharma	Assistant Coordinator
Dr. Chander Kanta	Member
Dr. Basant Kumar	Member
Sh. Sanjay Kumar	Member
Dr. Ramesh Chander	Member
Dr. Neena Arora	Member
Sh. Sushil Kumar	Member
Dr. Mukta Jain	Member

### **Clerical Assistance**

Sh. Rajiv Jain  
Sh. Sanjeev Kumar  
Sh. Ajay Kapoor