

Biology Association



ACTIVITY REPORT

Session: 2019-20

Dyal Singh College, Karnal



THE FOUNDER

SARDAR DYAL SINGH MAJITHIA

(1848-1898)

*The great philanthropist,
social reformer and one
among the Pioneers of
Indian Renaissance*



DEWAN ANAND KUMAR

(1894-1981)

The Light that Guided us

*The visionary who
re-established
Dyal Singh College
at Karnal on Sept. 16, 1949*



OUR GENESIS ...

Our genesis lies in the last Will and Testament of our illustrious founder **Sardar Dyal Singh Majithia**, a great patriot and one of the pioneers of the Indian Renaissance. In accordance with his Will, Dyal Singh College was established on May 3, 1910, with 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".

After the partition, Dyal Singh College was re-established at Karnal on September 16, 1949 due to the untiring efforts of the great visionary, **Late Dewan Anand Kumar**, the Founder Member of the University Grants Commission of India and the Founder Vice Chancellor of Punjab University, Chandigarh, to say the least.

Dyal Singh College, Karnal as it stands today is a premier co-educational centre of learning with Grade 'A' by NAAC in September 2017. With the strength of 2800 students, the college has all the three streams of learning - Arts, Science and Commerce with Post Graduate courses in English, Hindi, Political Science, Commerce, Chemistry and 5 Year integrated M.Sc. in Forensic Science, with Honours at Graduation Level in the Subjects of English, Economics, Political Science as well as B.Com. Honours along with the Add-on courses in Bio-informatics, Computational Physics and Web Designing.



Our Motto

Gather Ye The Wisdom of The East & The West

Our Vision

Excellence is a journey, not an end...

Our Mission ...

- To create top quality human resource by developing the innate talents of our students.
- To provide conducive environment for holistic development of personality, and improve the overall academic performance.
- To inculcate the spirit of Secularism, Nationalism, Communal Harmony & Rationalism.
- To inculcate discipline as a value system, and motivate youth to render service to the society at large.

Biology Association

President: Dr Shweta Yadav

- The students of the Association participated in the **National Level SVG Translation Campaign 2019** from 21 February - 31 March 2019. In this competition the students translated various scientific images available on Wikimedia Commons in to Hindi and Punjabi in order to help the people who are not well versed with English. More than 260 images were translated. The top contributors for the event were:

First	Prachika Hans	BSc IV Sem (Medical)	1533120037
Second	Mridula	BSc IV Sem (Medical)	1533120022
Third	Anisha	BSc IV Sem (Medical)	1533120042
Consolation	Manisha	BSc IV Sem (Medical)	1533120013
Consolation	Devanshi	BSc IV Sem (Medical)	1533120010

Prachika Hans became the top contributor in Punjabi language at the National Level.

- To keep the students abreast with the latest developments in the field of Science and Technology, monthly issues of the **Wall Magazine** are released. From August to October, total three monthly issues were brought out, each focusing

on a specific theme, like, Space (August), Health (September) and Technology (October). The news pieces were selected from the pieces submitted by the students only.

Wall Magazine

First	Snehal	BSc II Sem (Biotech.)	3656220011
Second	Jyoti Rana	Intg. MSc II Sem (FSc)	3283120002

- On 15 September 2019 Ms. Aastha (1533120008) and Ms Manisha (1533120013) of BSc V Sem (Medical) participated in the State Level Essay Writing Competition organized by the Hindu Girls College, Jagadhari.
- Two students, Ms. Anu (1533120011) and Ms Manisha (1533120013), of BSc V Sem (Medical) participated in the State Level Essay Writing Competition organized by the KVA DAV College for Women, Karnal on September 16, 2019. Anu bagged the **First position**.
- Ms. Manisha, Ms. Manjeet and Ms. Sharmistha BSc V Sem participated in the State Level Science Quiz Contest organized by the KVA DAV College for Women, Karnal on September 20, 2019 and bagged **3rd prize**.

6. Ms. Aastha, Ms. Manisha and Ms. Divya BSc V Sem (Medical) participated in the State Level Quiz Contest on Wildlife organized by the KVA DAV College for Women, Karnal on 27 September 2019.
7. In September, 2019 Ms. Manisha (1533120013) of BSc V Sem (Medical) along with Sonu Kumar and Kamaldeep Singh (M.Sc. Chemistry) participated in the Innovation 2019 - Kurukshetra University Technical Innovation Competition organized by Kurukshetra University Technical Incubation Centre and **won Research Grant of Rs. 50,000/- for their project "Purging of Virulent Miasma by Cheap Method" in Life Sciences category.**
8. Ms. Manisha (1533120013) of BSc V Sem (Medical) participated in a two day workshop, **Start up, Spin up, Accelerate**, organized by Kurukshetra University Technical Incubation Centre on 17-18 September 2019.
9. Two teams, participated in the District Level Science Quiz Competition organized by Pt. Chiranji Lal Sharma Government P.G. College, Karnal on 12 October 2019 and secured Second (Ms. Manisha, Ms. Manjeet and Ms. Shamistha) and Fourth (Mr. Shubham, Mr. Deepak and Mr. Prince) places, respectively. Both participated in the Zonal Level Quiz in January 2020.
10. Two teams, Botany (Ms. Manisha, Ms. Divya) and Zoology (Ms. Aastha and Ms. Anu) participated in the District Level Science Exhibition organized by Pt. Chiranji Lal Sharma Government College, Karnal on January 16, 2020.
11. On 15 September 2019 Ms. Aastha (1533120008) and Ms Manisha (1533120013) of BSc V Sem (Medical) participated in the State Level Essay Writing Competition organized by the Hindu Girls College, Jagadhari.
12. Four students, Ms. Aastha (1533120008), Ms. Anu (1533120011), Ms. Anjali (1533120006) and Ms Manisha (1533120013), of BSc VI Sem (Medical) participated in the Two Day Inter Disciplinary Workshop on 'Techniques in Horticulture' organized by the KVA DAV College for Women, Karnal on 21-22 January 2020.
13. The students of B.Sc. VI Semester Zoology visited Krishi Vigyan Kendra, NDRI, Karnal to study the different aspects of Fish culture, Apiculture and Vermi composting on 25 January 2020.
14. On 20 February 2020 Ms. Divya (1533120007) and Mr. Shubham (1614710004) of BSc V Sem participated in the National Workshop on Environmental Toxicology and Human Health organized by the Hindu Girls College, Jagadhari.
15. Ms. Aastha, Mr. Aman, Ms. Anisha, Ms. Divya, Ms. Himashi, Ms. Mansi, Ms. Divya, Ms. Urvashi, Ms. Gurleen and Ms. Swati of BSc VI Sem (Medical) got selected in the Placement drive of WIPRO, British Telecom and Vrinda Global organized by various colleges in February, 2020.
16. Ms. Manisha (1533120013) of BSc VI Sem (Medical) attended the three day Invited talk series – Feb 2020 'Let's Talk with Youngpreneurs' organized by Kurukshetra University Technical Incubation Centre from 24-26 February 2020.
17. A **Wildlife Photography Exhibition** was organized by the Biology Association on 28 February 2020. An array of 120 photographs displayed not only the majesty of our biological richness but also the grave threats posed in the way to its conservation.
18. Biology Association and Environment Club organized **Dewan Anand Kumar Memorial State Level Quiz Contest on Environment** on 28 February 2020. 11 teams from different colleges of Haryana participated in the quiz. The team from Dyal Singh College, Karnal stood First. The trophy was awarded to the team from Pt. CLS Govt (PG) College, Karnal which secured the Second position followed by the team from KVA DAV College for Women, Karnal at the Third position. Dr. PC Sharma, Director, CSSRI, Karnal presided over as the Chief Guest.
19. Environment Club and Biology Association organized **Dewan Anand Kumar Memorial State Level Poster Making Competition** on environment on 28 February 2020. Dr. PC Sharma, Director, CSSRI, Karnal presided over as the Chief Guest.

Result of Dewan Anand Kumar Memorial State Level Poster Making Competition

First	Khushboo	BSc IV Sem	2285720003	KVA DAV College for Women, Karnal
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Second	Yukta	BSc II Sem	3162020004	IB (PG) College, Panipat
	Anjali	BSc (Medical) VI Sem	1533120006	Dyal Singh College, Karnal

Third	Aavesh	BSc (Medical) II Sem	3150120040	Dyal Singh College, Karnal
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NATIONAL WORKSHOP ON COMPUTER SIMULATED DISSECTION IN ZOOLOGY

The department of Zoology, Dyal Singh College, Karnal organized a one day National Workshop on "Computer Simulated Dissection in Zoology" sponsored by Director General Higher Education, Haryana.

In the key note address, Dr. Rajneesh Kumar Sharma (Dean of Colleges, Kurukshetra University, Kurukshetra) discussed in detail the various non-invasive methods of studying animals. He emphasized on a collaboration between zoologists and computer scientists to create anatomically correct simulations.

Dr. Kailash Chandra Sharma, Vice-Chancellor, Kurukshetra University, Kurukshetra was the Chief Guest. In his Inaugural address he said that teaching is evolving and we should too. In order to be a better teacher we should always keep ourselves abreast of the latest technical advancements and be ready to learn new teaching methods. He said that the institutions also play a major role in this by providing the necessary infrastructure. He also urged the participants to deliberate on the ban on animal dissection and share their opinions with the university.

In this Workshop, more than 150 delegates were registered.

The first parallel technical session was chaired by Dr. Swarndeeep Singh Hundal (Former Head and Professor, Department of Zoology, Punjab Agricultural University, Ludhiana). Dr. Anita Bhatnagar (Chairperson,

Department of Zoology, Kurukshetra University, Kurukshetra) delivered the first invited talk of the session. The second invited talk was delivered by Dr. Sanjeev Gupta (Head, Department of Zoology, Institute of Integrated and Honors Studies, Kurukshetra University, Kurukshetra).

Dr. S.S. Hundal gave his concluding remarks along with his perspective on the ban on animal dissection.

In second parallel poster session the Posters of the participants were displayed there.

The third technical Session took place in the computer laboratories in the Department of Computer Science. There Dr. Shweta Yadav and Dr. Sunil Kumari demonstrated how to use the various computer simulated animal dissection software. The participants worked on the software themselves.

The Chief Guest of the Valedictory function was Dr. Adarsh Kumar (Professor, Department of Forensic Medicine and Toxicology, All India Institute of Medical Sciences, New Delhi). He discussed the future of digital autopsy in India. He shared that post mortem Examination is the best technique to ascertain the cause of an unnatural / suspicious death.

Sh. Sushil Goyal, Associate Professor & Head Dept. of Computer Science was the convenor of this workshop. Dr. Sanjeev Sharma was the co-ordinator and Dr. Shweta Yadav was the Organizing Secretary.

NATIONAL WORKSHOP COMPUTER SIMULATED DISSECTION IN ZOOLOGY



DEWAN ANAND KUMAR MEMORIAL STATE LEVEL QUIZ ON ENVIRONMENT



BIOLOGY ASSOCIATION





Biology Association

**DYAL SINGH COLLEGE,
KARNAL
HARYANA-132001**