

# Institution's Innovation Council (IIC)

## (2021-22)



## Dyal Singh College, Karnal

3.4.3 Number of extension and outreach Programmes conducted by the institution through NSS/ NCC/ Red Cross/ YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry,

| S.No. | Name of the activity  | Organising unit/<br>agency/ collaborating | Name of the scheme                                 | Year of the activity |
|-------|---|---|--|----------------------|
| 1     | Lecture on "My Story – Motivational Session by Successful Innovators"   | Institution's Innovation Council          | Extension Programme                                | 2021-22              |
| 2     | IIC Power-point Presentation Competition on "Innovative Start-Up Ideas" (Finding Entrepreneurial Minds inside the Campus) | Institution's Innovation Council          | Skill Development                                  | 2021-22              |
| 3     | C One Day Entrepreneurship Awareness Program by MSM   | Institution's Innovation Council          | Entrepreneurship Awareness Program                 | 2021-22              |
| 4     | Workshop on Share and Stock Exchange in collaboration with Commerce Association and Economics Association                 | Institution's Innovation Council          | Skill Development                                  | 2021-22              |
| 5     | Celebration of Earth Day on April 22, 2022  | Institution's Innovation Council          | Extension Programme                                | 2021-22              |
| 6     | Commemoration of World IPR Day  | Institution's Innovation Council          | Awareness about Intellectual Property Rights       | 2021-22              |
| 7     | Commemoration of National Technology Day  | Institution's Innovation Council          | Awareness about Technological Development in India | 2021-22              |
| 8     | Workshop on "Invention to Innovation"   | Institution's Innovation Council          | Skill Development                                  | 2021-22              |
| 9     | Impact Lectures Series  | Institution's Innovation Council          | Extension Programme                                | 2021-22              |

# 1. Lecture on “My Story – Motivational Session by Successful Innovators”

The Institution’s Innovation Council (IIC) of the college organized a motivating lecture for the students and faculty members on “My Story – Motivational Session by Successful Innovators” on February 04, 2022. The event was presided over by the Principal Dr. Ashima Gakhar. She emphasized on the role of innovative thinking in solving the problem of unemployment. She encouraged the audience by quoting real life examples and congratulated the IIC team for taking the first step towards realising this vision by providing a platform for much needed help and guidance in this direction. The President of the IIC team, Sh. Sushil Kumar, enlightened the students on the purpose and vision of this council and how it will help them in turning their ideas into reality. After this, the MHRD video on “Top Student Innovators and Entrepreneurs from NIC 2021” was played for the students. The lecture was highly informative and engaging. More than 150 students, IIC team and a number of faculty members attended the lecture.



## 2. IIC Power-point Presentation Competition on “Innovative Start-Up Ideas” (Finding Entrepreneurial Minds inside the Campus)

The Institution’s Innovation Council (IIC) organised a Power-point Presentation Competition on Innovative Start-Up Ideas in order to find entrepreneurial minds inside the campus, on February 12, 2022. Miss Vanshika, Student Coordinator, Start-Up Activity and Miss Devanshi, Student Coordinator, Innovation, welcomed the guests. The event was presided over by the Principal Dr. Ashima Gakhar. She talked about the importance of innovative start-up ideas in improving employability skills for the students. Further, she motivated the IIC team and students regarding organising more such events. The members of the jury were: Sh. Sushil Kumar, Sh. S.L. Arora and Dr. Renu Tanwar.

There were a total 14 start-up ideas by 22 students as per the following list:

| Team | Name              | Class                  | Topic   |
|------|-------------------|------------------------|---|
| 1.   | Prayag            | B. Com (Hons.) 4th Sem | Innovation in tyres                           |
| 2.   | Arpit             | BCA 6th Sem            | The one application                           |
|      | Dhananjay         |                        |   |
| 3.   | Himanshu          | B.A. 3rd Sem           | Let them achieve (related to rural education) |
| 4    | Bodhita           | B.com (Gen) 2nd Sem    | Maid for housekeeping                         |
|      | Rupal             |                        |   |
|      | Shourya           |                        |   |
| 5.   | Ajay Kumar        | B.A.(Gen) 2nd Sem      | Shortage of cold storage                      |
| 6.   | Vanshika          | BCA 6th Sem            | RFID DOOR LOCK system                         |
|      | Yudhvir Singh     | B.Sc. (NM)6th Sem      |   |
| 7.   | Priyanshu Shukla  | B.Sc. (CS)6th Sem      | Education                                     |
|      | Pratima Yadav     | B.com(Hons) 6th Sem    |   |
| 8.   | Devashish Binjola | B.Sc (NM) 6th Sem      | Safe and Self                                 |
|      | Shikha            |                        |   |
| 9.   | Himanshu          | B.Sc.(Biotech) 2nd Sem | Vigyan Grah                                   |
| 10.  | Ketan             | B.Sc.(Biotech) 2nd Sem | Kitabe teri meri                              |
| 11.  | Siddharth Chatley | B.Sc.(Biotech) 2nd Sem | Apna Dibba                                    |
| 12.  | Bhavya            | BCA 2nd Sem            | DSC Directory                                 |
|      | Nandini           |                        |   |
| 13.  | Netra             | B.Sc.(Biotech) 2nd Sem | Smart kisan                                   |
| 14.  | Geetanjali        | B.Sc. (Med) 4th Sem    | Online rickshaw booking                       |
|      | Mandeep           |                        |   |

All the presentations were very informative and innovative. Sh. Sushil Kumar, President, IIC congratulated the students for coming up with new and unique business ideas which reflect the creative spark among the students. He also

informed the students regarding the One day Entrepreneurship Awareness Programme to be held on Feb. 17, 2022, where students can get to know about various government schemes and can interact with the speakers from MSME (Karnal), Govt. of India for setting up of their start-ups. He discussed about how students can overcome the challenges they will face during the initial setting up of their business. More than 70 students attended the event. Members of the Organizing Committee and all the faculty members of the college were also present during the event. The event ended with the National Anthem.



### 3. IIC One Day Entrepreneurship Awareness Program

The Institution's Innovation Council (IIC) of Dyal Singh College, Karnal organized a One Day Entrepreneurship Awareness Program on February 17, 2022. The event began with felicitation of the honorable guests by senior members of IIC, followed by lamp lighting. It was hosted by Dr Anita Aggarwal, Department of Political Science. She introduced the theme of this program i.e. Awareness Creation among final year students on how to be an entrepreneur. The event was presided over by Dr. Ashima Gakhar, Principal, Dyal Singh College, Karnal. She extended a warm welcome to the guests and the audience. She shed light on the crucial role of MSME i.e. Ministry of Micro, Small and Medium Enterprises at local levels to encourage students in colleges to become self-employed and successful entrepreneurs. She also highlighted

how the Ministry aims at integrating the concept of Make in India within the program. Hereafter, Sh Mukesh Verma, Assistant Director Ministry of Micro, Small and Medium Enterprises- Development Institute, Karnal, enlightened the students on the aims and objectives of the programme, i.e. creating awareness and motivating students for entrepreneurship. He then explained who an entrepreneur is, and informed students in detail regarding the role of MSME-DI, Karnal. Subsequently, Smt Meenu Dhiman, Assistant Director MSME-DI, Karnal, addressed the students about the schemes of MSME, specific to their needs and benefits. She underlined the need of self-employment in present times and also shed light on various finance schemes run by MSME, especially the Incubation and Design Clinic schemes particularly meant for supporting the students. After this, Sh Mohan Kumar, Industrial Extension Officer, MSME, delivered an informative talk about the numerous funding and sponsor schemes and programs such as PMEG which can help the students in successfully establishing themselves as competitive entrepreneurs. Thenceforth, Sh Kapil Madaan, a successful entrepreneur motivated the students with his words of wisdom. He brought out the harsh reality of unemployment. He then highlighted the importance of taking initiatives and role of multitasking in today's fast paced world. Next, Sh N K Sikka FLCC, PNB Karnal explained the basics of loan taking process. He explained in detail the importance of CIBIL score, MUDRA loan, STAND-UP India, etc. Lastly, Ms. Komal, a career counselor, guided, motivated and answered the numerous queries of the students regarding career prospects in the sector. Finally, Sh. Sushil Goel President IIC, proposed the formal vote of thanks. The lecture was highly informative and engaging. More than 200 students attended the lecture. The members of the Organizing Committee: Dr. S.P. Bhatti, Dr. Sarika Chaudhary, Dr. Vishakha, Dr. Anita Aggarwal, Dr. Dimple Khosla, and the Technical Committee Dr. Jai Kumar, Ms. Nidhi Jast, Dr. Shweta Yadav, r. Vandana, Dr. Aditi Shreeya Bali, Dr. Akshay Kumar, Sh. Kiran, Ms. Arpita Sawhney, Mr. Vikas Bhargav, Ms. Suman, Ms. Anu, Mr. Anuj, were also present. The event ended with the National Anthem.



#### **4. Workshop on Share and Stock Exchange in collaboration with Commerce Association and Economics Association**

Institution's Innovation Council(IIC), Commerce Association and Economics Association organised a workshop on Share and Stock Exchange for students on April 20, 2022 in collaboration with Start Up Incubator COE Karnal. Dr Vandana Sabharwal, Co-President of Commerce Association welcomed the Resource person, Principal Dr. Ashima Gakhar, President of IIC Sh. Sushil Goel, Faculty members and students. The Resource person was Mr. Deepak Kumar, an NSE Certified trainer. Principal Dr Ashima Gakhar introduced the resource person and threw light on the relevance of the workshop for the students. Mr Deepak Kumar explained about the type of securities and how to trade in shares effectively. He also disclosed the various secrets about the share market. He explained in detail various tips and tricks that are beneficial in selecting the stock. Dr. Dimple Khosla, President Commerce Association proposed a formal vote of thanks.





## 5. Celebration of Earth Day on April 22, 2022

Institution's Innovation Council in collaboration with Geography Association organised various activities to celebrate Earth Day on April 22, 2022.

Events Organized on the Earth Day:

- 1) State Level Poster Making Competition
- 2) State Level Quiz Competition
- 3) Extension Lecture on "Climate Change: A Challenge to Environment Sustainability"

Total out-station registrations: 59 Participants

Total registrations from the college: Around 100 Participants

## Event 1- State Level Poster Making Competition

A State Level Poster Making Competition was organized on the theme 'Save Mother Earth'. Students from the college and outside institutions participated with full zeal and zest. Total 38 posters were made by the participants. The results were:

| Sr. No. | Position    | Name of the Student | Name of the Institute            |
|---------|-------------|---------------------|----------------------------------|
| 1       | First       | Diksha              | Dyal Singh College, Karnal       |
| 2       | Second      | Yukta               | IB (PG) College, Panipat         |
| 3       | Third       | Shabnam             | IGMMV, Kaithal                   |
| 4       | Consolation | Neha                | JMIEIT, Radaur                   |
| 5       | Consolation | Ritika              | KVADAV College for Women, Karnal |



## Event 2- State Level Earth Day Quiz Competition

A State Level Earth Day Quiz Competition was organized on the occasion of Earth Day. 12 teams from various institutes registered for the same. For the final quiz, a screening test was conducted to select the teams on the basis of their score. The results were:

| Sr. No. | Position | Name   | Institute                |
|---------|----------|--------|--------------------------|
| 1       | First    | Kajal  | IB (PG) College, Panipat |
|         |          | Swati  |                          |
|         |          | Aakash |                          |



|   |        |             |                                 |
|---|--------|-------------|---------------------------------|
| 2 | Second | Komal       | R.K.S.D. (PG) College, Kaithal  |
|   |        | Lalit Kumar |                                 |
|   |        | Sunny       |                                 |
| 3 | Third  | Anjly       | Govt. College for Women, Karnal |
|   |        | Priya       |                                 |
|   |        | Swati       |                                 |



### **Event 3- Extension Lecture on the theme “Climate Change: A Challenge to Environment Sustainability”**

**Resource Person: Dr. M.S. Jaglan, Professor, Department of Geography, Kurukshetra University, Kurukshetra**

A very thought provoking lecture on “**Climate Change: A Challenge to Environment Sustainability**” was delivered by Prof. M.S. Jaglan. He emphasized that despite widespread agreement among scientists, climate change has become one of the most hotly debated and perplexing issues of our time. Further, he said that the Earth is warming at an unprecedented rate, and it is unknown how various climate processes such as monsoon rainfall will change in response to this warming. The past history of Earth’s climate can help us better understand the future changes in climate processes in projected warming. He warned the audience about the impact of climate change on agricultural sector and water resources. Further, he elaborated how the rise in the sea level can become a challenge to coastal cities. The Boreal forest facing challenges due to the climate change was also explained thoroughly. Prof. Jaglan, also addressed questions like Rainfall and elemental isotopes: How are they related?

Would you believe that the Thar Desert in Northwest India was once a densely populated region? How can the ocean bed be used as an archive of past climatic changes? How are the 'natural climate experiments' recorded in lakes and oceans? Could climate change have caused ancient civilizations to collapse? How close are we to a climate catastrophe on this warming Earth?

## 6. Commemoration of World IPR Day

The IPR Activity cell under Institution's Innovation Council, Dyal Singh College, Karnal organised an Intra-College Declamation Contest on the topic "Role of IPR and Patent Rights for Start -Ups" on 26th April 2022 on the occasion of World IPR Day. Around 25 students enthusiastically participated in the competition which was judged by Dr Kushal Pal and Dr. Pooja Malhotra, Dr. Rajni Seth, Convener, IIC, said that such programmes are essential for making the students aware of the importance of Intellectual Property Rights so that they can contribute to the society in an innovative manner. Dr Sarika Chaoudhary, Incharge of IPR Activity, proposed a formal vote of thanks. The stage was conducted by Prof. Aastha Bhatia and the student coordinator Ms. Tamanna. The results of the competition were as follows:

1st prize - Mehak B.Sc 4th sem

2nd prize - Kritarth B Com 4th sem

3rd prize - Mahima Eco Hons. 4th Sem

Consolation prizes - Tanisha Eco Hons. 4th Sem,

Anubhuti Rana B.sc 2nd Sem



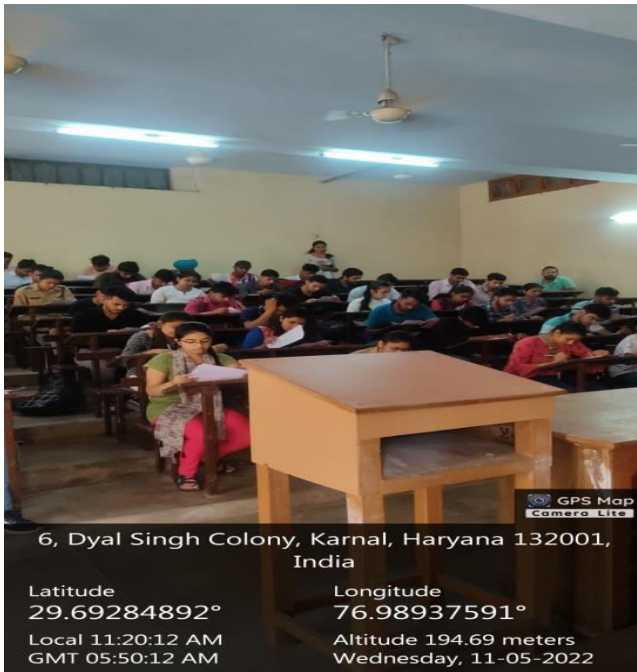


## 7. Commemoration of National Technology Day

On the occasion of National Technology Day, Institution's Innovation Council of Dyal Singh College, Karnal organised a written quiz on May 11, 2022, to celebrate the achievements of engineers and scientists in the field of technology and science. Dr. Vishakha Gupta, Innovation Activity Coordinator, shared with students the significance of this day. She discussed how this day served as a reminder of the country's technological advancements. In all, fifty three students took part in the quiz.

Kajal, a student of MSc. Chemistry (Final) bagged the first prize. The second prize was won by Shivaji Turke of BSc Non-medical (2<sup>nd</sup> semester). The third prize went to Anubhuti Rana of BSc Non-medical (2<sup>nd</sup> semester). The event was a great success as it inspired students to explore more about the great possibilities in the world of technology.

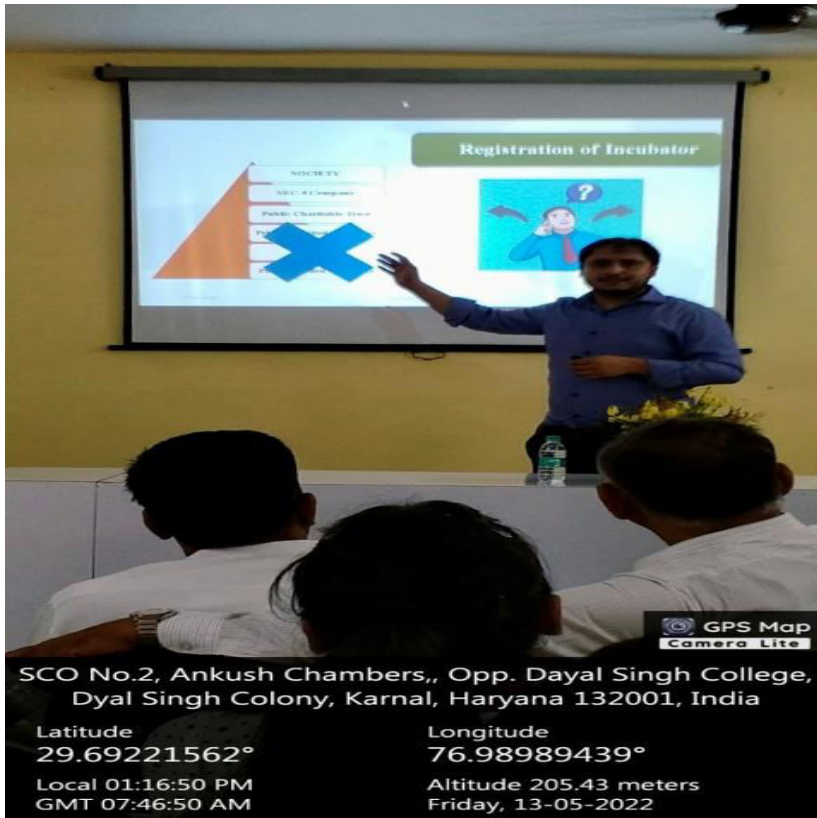




## 8. Workshop on “Invention to Innovation”

The Institution’s Innovation Council organised a Workshop on the topic “Invention to Innovation” on May 13, 2022. The keynote speakers of the event were Dr. Anurekha Sharma, Co-ordinator-KUTIC and Professor, Dept. of Electronic Science; and Mr. Manoj Sharma, Incubation Consultant-KUTIC. Dr. Ashima Gakhar welcomed and introduced Dr. Anurekha Sharma as a multitalented personality. Dr. Anurekha Sharma familiarised the students with the basics of invention and innovation. The focus of her lecture was to teach the students to successfully float a start up. She also iterated the prerequisites of innovation and how innovation incubation centres provide for necessary resources to researchers and innovators. The workshop was attended by over 70 students from various streams of the college. This was followed by a session by Mr. Manoj Kumar who laid down the framework of incubation centre and how they operate. Dr. Rajni Seth, convener IIC conveyed thanks to Dr. Anurekha Sharma for her informative and motivating lecture and to Mr. Manoj Kumar for throwing light on the procedure and prerequisite information for setting up of incubation centre in the college. Dr. Anita Aggarwal hosted the event.





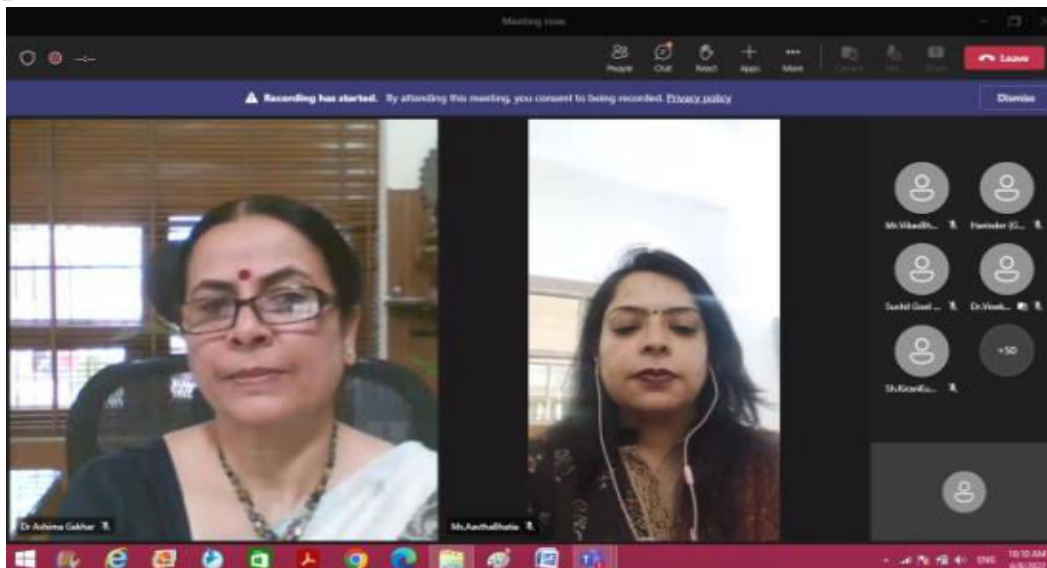
## 9. Impact Lectures Series

It is indeed a matter of pride for the College that Ministry of Education's Innovation cell has assigned it the responsibility to conduct the Impact lecture series.

### (I) Lecture on Management of Copyrights and Patent Rights



The IPR Activity cell under Institution's Innovation Council of the College organized Impact Lectures-Session-1 under Ministry of Education's Innovation Cell on "Intellectual Property Rights" through online mode on June 8, 2022. Dr. Ashima Gakhar, Principal welcomed the resource persons, delegates and students. Dr. Sarika Choudhary, IPR Activity Coordinator introduced the resource persons for the occasion - Ms. Harinder Narvan (Registered Patent Agent) and Dr. Aparna Jain (Advocate), founder members of Knowledgetia Consultants. She also introduced the topics of the impact lectures. Dr. Harinder delivered an insightful lecture on the topic 'Management of Copyrights and Patent Rights'. She enlightened the participants on the rights, laws, benefits and the complex process of filing a patent. Dr. Aparna delivered her lecture on the topic 'Protection of Trade Marks and Trade Secrets'. She familiarized the participants with the major features and the process of filing a copyright. The focus of her lecture was the function and process of registering for a trademark. A total of 101 students and teacher delegates participated in the event. The event was hosted by Ms. Aastha Bhatia. Sh. Sushil Kumar, President IIC and Dr. Rajni Seth, Convener IIC, proposed a formal vote of thanks. All the members of the IPR team were present on this occasion.



## **(II) Impact Lecture on "Design Thinking and Critical Thinking"**

The Innovation Activity Cell under the Institution's Innovation Council of the college organised the second session of Impact Lecture Series on "Design Thinking and Critical Thinking" through online mode on June 28, 2022. These lectures were sponsored by Ministry of Education's Innovation Council (MIC). Dr. Ashima Gakhar, Principal, extended a warm welcome to

the resource persons and the participants. Dr. Vishakha Gupta, Innovation Activity Coordinator, introduced the esteemed resource persons for the occasion: Dr. Bala Ramadurai, Professor, Consultant and Author; and Dr. Amarjeet Prajapati, Assistant Professor, Jaypee Institute of Information Technology, Noida. Dr. Ramadurai delivered an informative lecture on the topic 'Karmic Design Thinking: A Buddhist-Inspired Method to Help Create Human Centered Products and Services'. He elaborated the idea and stages of design thinking with the help of certain tenets of Buddhism and shared a number of practical inputs to apply it in professional life. Dr. Amarjeet gave a highly insightful lecture on Innovation Management wherein he explained in detail the meaning, need and varied application and types of innovation. The lectures helped the students to understand the process of managing an organization's innovation procedure, starting at the initial stage of ideation, to its final stage of successful implementation. The event was hosted by Dr. Rubi, Sh. Sushil kumar, President, IIC and Dr. Rajni Seth, Convener, IIC, proposed a formal vote of thanks. The program was attended by more than hundred participants from across the country. It was a huge success owing to the collective efforts of the whole Innovation Activity Team. IIC-DSC is thankful to Ministry of Education's Innovation Cell (MIC) for providing financial support for both the sessions.

