

Case Study Competition on “National Startup Day”

14th - 16th January, 2023

Institutions Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida celebrated “National Startup Day” on 16th January, 2023. A “Case Study Competition” on the topic – “From Start up to Success: An Entrepreneurial Case-Study” was organized from 14th -16th January 2023. 78 students from CSE/CSIT/IT/ECE/ECS/EEE/ME and MBA departments participated in the competition.

The objective of conducting the competition was to boost student’s knowledge and push them to ponder for ideas which in turn helped them to explore strategies followed by different entrepreneurs.

The guidelines for the Case Study Competition were pre-articulated to the students. They were required to submit their workings on 14th January, 2023 in order to move further to the next level of evaluation. The evaluation of the cases so received were assessed by a panel of judges comprising **Dr. Priya Satsangi** (HOD- MBA Dept.), **Prof. Sanghamitra V. Arora** (HOD – ECE Dept.), **Prof. (Dr.) Shailesh Kumar Singh** (HOD – ME Dept.), **Dr. Hari Mohan Rai** (Associate Professor – ECE Dept.). On 16th January, 2023, the shortlisted students were required to present their ideas by way of PowerPoint Presentation.

Students studied the strategies followed by different entrepreneurs like Ritesh Agarwal (OYO Rooms), Alakh Pandey (Physics Wallah), Gaurav Munjal (Founder of Unacademy), Sachin Bansal (Founder of Flipkart), Ghazal Alagh (MamaEarth), Vineeta Singh (Sugar cosmetics), etc. Then, they prepared a detailed report on the strategies being followed by the entrepreneurs along with impressive PPT’s. All the students enthusiastically participated in the competition and got the opportunity to hone their presentation and soft skills as well.

In the end, all the participants were applauded for their efforts and winners were awarded with the certificates.

Objective: To boost student’s knowledge and push them to explore strategies followed by different entrepreneurs.

Benefits: Students learnt about the strategies to follow for becoming successful entrepreneur

List of Winners:

Groups	Names of participants	Department	Position achieved
1	Saptarshi Pal	ECE-II	I
	Nikhil Shrivastav		
2	Isha Choudhary	MBA	II
	Divya Singh		
	Sneha		
3	Kunal Vats	1 st Year (G-2/A)	III
	Mohd Anas		
4	Vanshita Das	1 st Year (G2-B)	Consolation prize
	Aditya Pal		
	Deepak Kumar		
	Dinesh		
	Bhanu Pratap		

Glimpses:



ENTREPRENEURSHIP AWARENESS CAMP

21st – 23rd November, 2022

Institution Innovation Council (IIC), Dronacharya Group of Institutions, Greater Noida in association with **Innovation Entrepreneurship Development Cell (IEDC), DGI** organized “**Entrepreneurship Awareness Camp**” from **21st - 23rd November, 2022**.

The three day program was organized with the aim of making students learn about different aspects of becoming successful entrepreneurs.

Day 1: Lecture by Innovation Ambassador (IA)

Prof. (Dr.) Hari Mohan Rai (Innovation Ambassador, DGI) conducted a lecture session and told about the importance of conducting and participating in Innovation activities. He highlighted the benefits of innovation and asked the students to always explore opportunities available in Innovation and research field. He also answered the queries of students.

Day 2: Industrial Visit to Defence Infrastructure Construction and Building Materials EXPO, 2022 (DIBEX)

On the second day of the camp, IIC and IEDC cell of the college organized a visit to “**Defence Infrastructure Construction and Building Materials EXPO (DIBEX 2022)**” for 2nd year ECE/EEE/ECZ/ME students under the supervision of **Dr. Hari Mohan Rai** (Professor, ECE Department).

Exhibition DIBEX 2022 showcased the latest technology and innovative products used in the infrastructure, building and construction industry.

Day 3: Classroom Activity

The day 3 aimed at organizing classroom activity for the students wherein the students were advised to prepare a detailed business plan and present their ideas in front of the participants and faculty members. The activity was coordinated by Prof. (Dr.) Hari Mohan Rai

The students participated with full zeal. Overall, it was an exciting and enlightening experience for students.

Objective: To make students learn about different aspects of becoming successful entrepreneurs.

Glimpses : Students got awareness about various aspects of entrepreneurship as career option and were motivated to take the first step towards entrepreneurship



Advert to Innovate: Give Wings to your Imagination

4th November, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Advert to Innovate: Give Wings to your Imagination**” for B.Tech & MBA students. The speaker of the session was **Mr. Ramveer Tanwar** (Pond Man of India & Tedx Speaker) on **4th November, 2022**. 180 students attended the session.

The main motive of the session was to fuel the imaginative strings of the budding tech graduates. This certainly means that the students should be motivated or inspired to fly high and to achieve great things.

Mr. Ramveer Tanwar asked all the students to dream high and strive hard to achieve goals. He encouraged students to become employer rather to become employee. He motivated students to take up their project from ideation stage to prototype level then to final execution of the project.

He also told the student's about government portals like **YUKTI** where they can showcase innovative ideas to the masses. He then told government had launched many schemes like SAMRIDH Scheme, NewGen IEDC and many more to create, develop, and encourage startups and entrepreneurs. He further advised the students to read, listen and watch interviews of successful innovators. This can help students to get clues for pursuing their own innovative ideas. He further suggested the students to explore their own hidden competencies to do extraordinary jobs.

In the end Mr. Tanwar cleared the doubts of the students. Overall it was a very inspirational session.

Objective: The main motive of the session was to fuel the imaginative strings of the budding tech graduates.

Benefits: Students got motivated to convert their innovative ideas to startup and become an entrepreneur.



Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies & Tech-Transfer

19th December 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized an expert talk on “Process of Innovation Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies & Tech-Transfer” on 19th December 2022. Ms. Osheen Chauvhan (Founder & CEO, InfiSpark) was the expert speaker of the session. 3rd and 4th year students attended the session.

The session focuses on importance of innovation and commercialization and make students understand the need and importance of technology readiness.

Prof. (Dr.) S.K. Srivastava (Registrar) welcomed the speaker Ms. Osheen Chauvhan (Founder & CEO, InfiSpark) and enlightened students about the importance of innovation. Ms. Osheen started with the explanation of innovation development and various processes involved in developing a new product. Next Ms. Osheen described Technology Readiness Levels (TRLs) to the students. She said TRL's measure the maturity level of a technology throughout its research, development and deployment phase progression. She informed students TRL can be measured on scale from 1 to 9 where 1 is the initial phase and 9 is the most mature technology. Moving further she explained the commercialization of Lab Technologies and Tech – Transfer.

At the end he did a brainstorming session where students shared their project ideas with him and cleared their doubts. It was very interactive session.

Glimpses:



Innovation Boot Camp

20th -21st February 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “**Innovation Boot Camp**” on **20th -21st February 2023**.

The objective of boot camp was to guide students so that they can transform their innovation into a valid solution.

Day 1: "Tools and Techniques for Patent Filing"

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida conducted a **seminar** on “**Tools and Techniques for Patent Filing**” on **20th February, 2023**. **43 students** attended the seminar. The speaker of the seminar was Prof. Sanghamitra V. Arora (Head, RDC).

She started the session by explaining about Patents. She explained that a patent is an exclusive right for an invention which could be in the form of product, process or idea and exclude others from using, making or selling it. To get this right, information pertaining to the invention is required to be filed through an application. Moving further, she discussed various tools and techniques available for Patent filing. Patent Filing Process was discussed in detail.

- She illuminated the students that the Inventors can file the patent by themselves or can take the help of any patent filing agency or professional.
- Then, search if the invention is patentable or not.
- The next step in the process of Patent filing includes the drafting of the Patent application. If the invention is in testing stage only, she guided all to go for Provisional Patent Application.
- After drafting, the applicant is required to submit the application along with the requisite fee and also told about the link to be used for same, viz: <http://www.ipindia.nic.in/form-and-fees.html>
- Afterwards, she told about publishing of the patent by the Indian Patent Office (IPO) upon fulfilling certain criteria. The time period for publishing may vary from 1 month to 18 months and after.
- Once the examiner from IPO finds no objection in the patent application, the patent is then published in the official patent gazette.

She also highlighted KAPILA which is one such platform for receiving grant for the patent thus approved by the IPO. She also told about Indian Patent Act 1970 and briefed about its scope.

The seminar was informative and helped the students understand the techniques involved in Patent Filing.

Day 2: Exposure Visit

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a exposure visit to the "ELECARAMA Expo-2023" on 21st February, 2023 at India Expo Mart, Greater Noida. Shri, RK Singh, Minister of Power, Govt. of India, officially inaugurated the 15th edition of ELECARAMA 2023 on 18th February, 2023. This was the largest solo electrical exhibition in the world. 43 students of B.Tech 3rd year from ECE, EEE, and ECS Department along with faculty member Dr. Hari Mohan Rai, went to the Elecrama Expo 2023 to witness the recent advancements that were on display.

The main objective behind the visit was to acquaint the students with the latest and most cutting-edge technologies in the field of "Electronics and Electricals."

Over 1500 exhibitors displayed their products and technologies. ELECARAMA is the premier exhibition of the Indian Electrical Industry ecosystem. It is the largest stand-alone show in the electrical and allied equipment industry. In addition, it is the largest transmission and distribution show in the world. It serves as a connection point between India and the rest of the world for the industry. ELECARAMA brings together the full spectrum of solutions that are used to power the planet, from the source all the way to the sockets and everything in between. Featuring not only equipment and technology, but also thought leadership platforms for everything to do with electricity, ranging from technical conclaves to industry summits.

Students were exposed to latest technologies that are being used in the Electrical Industry. Students gained an understanding of the advancements that have been made in Transformers, Transmission Line Towers, Power Electronics, Motors, Lifts & Escalators, Insulators, Industrial Control & Automation Systems, Generators, Cable Accessories, Energy Meter, etc.

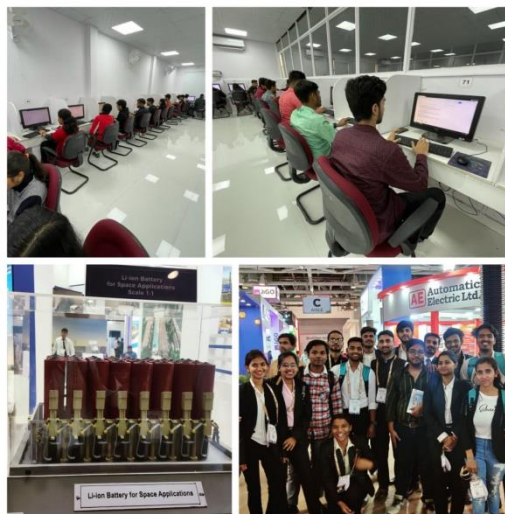
Visitors came from all over India and other parts of the world to visit the Hitachi Hi-Rel Booth, which was truly showcasing a "Powerhouse" with its range of power electronic products display, including UPS, VDD and Solar Inverter, amongst others. Key product attractions include the Industrial UPS System – 160 KVA – i4eti Model, the Stallion Battery Charger – 24 VDC, the Low voltage Drives –

HIVECTOL HVI E & E2 Series (Prototypes), and the Grid Tied Solar String Inverters – 250 kW, 50 kW, 20 kW, and 3 kW – HIVERTER Si Series.

Students not only gained knowledge about electrical and electronic components, features, products, and services, but also had the opportunity to interact with representatives from a number of companies. In general, the trip exceeded everyone's expectations, and especially for the students, it proved to be an incredible learning opportunity.

Objective: To guide students so that they can transform their innovation into a valid solution.

Benefits: Students learnt the importance of patent filing & how it can be filed & got to know the latest innovation in electrical & electronic components.



“Intra Institutional Idea Competition: Manage Through YUKTI – NIR”

27th – 29th October, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an “Intra Institutional Idea Competition: Manage Through YUKTI – NIR” from 27th - 29th October, 2022. 88 students from 2nd and 3rd year of B.Tech participated in the competition. The guidelines of the competition were circulated beforehand to the students. Those willing to participate were asked to complete the registration process. They were required to participate in a team consisting of maximum 4 students.

The objectives of the competition were to make students think beyond the curriculum, to provide an opportunity for expression of creative thoughts and to instill research culture among students.

Day 1: 27th October, 2022

On day 1, all the registered participants were asked to gather in conference room. **Prof. (Dr.) BMK Prasad (Director-DGI)** gave some simple yet useful points to be kept in mind to perform well in the competition. He also motivated the participants to dare to think differently. Before the presentation of the ideas, each team showed their PPT to the mentor assigned to them and they refined their piece of work by giving valuable inputs.

Teams from CSE/CSIT/IT department presented their innovative ideas by way of impressive presentations on day 1. IIC Innovation Ambassadors of the college were the judges of the competition and they evaluated the ideas on the feasibility of the idea, way of presenting the idea and the changes it can bring to the development of the new or existing technology. 5 teams were shortlisted for the final round of the competition.

Day 2: 28th October, 2022

On day 2, teams of ECE/EEE/ECS/ME presented their ideas for which they brain stormed for several days. Team leaders presented the problems with proposed solution. They were also judged on the same parameters and 5 teams were shortlisted for the final round.

On each day, the participants received many valuable feedbacks from the evaluators and were asked to make editing in the final presentation which was scheduled to be presented in front of external judge.

Day 3: 29th October, 2022

Ms. Priyanka Madnani (Founder- Easy to pitch) was the judge of the final round. Before starting of the competition, she motivated the participants and told the points of consideration while presenting their ideas. She explained importance of making a good pitch for their ideas. Then, the shortlisted teams presented their ideas in front of her. They made good pitches also.

All the participant's efforts were applauded and the participants of top three ideas: Artificial Bio Gills, C-5 and MEDICAB were awarded with Certificate of Achievement.

The competition proved to be a great success as the objectives of competition were achieved.

Objective: To make students think beyond the curriculum and to instill research culture among students.

Benefits: Students got platform to showcase their innovative ideas and were mentored by experts.

Glimpses:





Poster Presentation of Innovations

19th – 21st January, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “YUKTI NIR: Poster Presentation of Innovations” from 19th – 21st January, 2023. 65 students from 2nd and 3rd year of B. Tech participated in the competition.

The objective of the event was to motivate students towards innovation and creativity and to enhance the entrepreneurial skills of the students.

The participation guidelines and rules were told to the students previously. The guidelines of the competition were:

- The posters must be in original and hand made.
- The poster sheets would be provided by the college.
- The caption must be written on the top.
- Student must mention the ticket number provided by the coordinator on the bottom left corner of the poster.
- The judgment of the jury shall be final.
- The time limit for poster making was 3 hours.

On the initial day, Students were required to register themselves for the competition. Link of registration: <https://forms.gle/Af54Cg65D5mQjaka7> . Students made posters to present their ideas to the jury members within the stipulated time. On the final day of the competition, students showcased their posters and presented ideas to the jury members. Poster and ideas were evaluated by the jury members and they gave valuable inputs to the students. The top three winners were announced and were awarded with a certificate of achievement.

Objective: To motivate students towards innovation & creativity & to enhance their entrepreneurial skills.

Benefits: Students made posters of their ideas and presented to the experts and were mentored by them.



Motivational Session on “Engineer to Entrepreneur”

17th March, 2023

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a **Motivational Session on “Engineer to Entrepreneur”**. The speaker of the session was **Ms. Swati Grover (Disaster Resilient Foundation.)** **65 students** attended the session.

The session started with a welcome address by Prof. Shailesh Kumar Singh (M.E. Dept., DGI). Afterwards, Ms. Swati Grover shared about her carrier experience after completion of her graduation degree, what are the major challenges one might face during entrepreneurship journey. During the discussions, students asked many question. The session was truly interactive. The session ended with a vote of thanks by Prof. Shailesh Kumar Singh.

Objective: To create awareness among students about real time challenges faced by budding entrepreneurs.

Benefits: Students were motivated towards starting their entrepreneurship journey. They also understood the challenges and the set of skills required.



My Success Story : Motivational Session by Successful Innovator

31st October, 2022

Institutions Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida, organized My Success Story: Motivational Session by Successful Innovator on 31st October, 2022. The speaker of the session was **Mr. Jitendra Pareek (Founder, Eco Vision Pvt. Ltd.)**. 42 students witnessed the journey of Mr. Jitendra Pareek.

The session started by a welcome speech by **Prof. (Dr.) BMK Prasad (Director-DGI)**. After introduction of the speaker, he asked **Mr. Jitendra Pareek** to take charge of the dais and motivate the budding technocrats of the college by sharing some important piece of his life experiences with the students.

The speaker started the session by introducing **Eco Vision Pvt. Ltd. Eco Vision Industries began its operations in October 2008**. This company manufactures products for the national as well as SAARC countries. ECO VISION is one of the largest companies, operating in Surajpur, Greater Noida

He shared his whole journey of converting his dreams into reality. He told students all the ups and downs he faced after introducing the product in the market. He throwed light upon the marketing strategies such as creation of customer base, selection of target audience and also told about 4Ps of market. He also advised the students about importance of pitches for raising funds and also told about importance of managing funds. He then advised the students about following perfect pricing strategy for the product and keeping the product pocket- friendly. He concluded the session by motivating students to become innovators and choose to become entrepreneur.

In the end, students asked their doubts related to entrepreneurship and startups. The session was very motivating and helpful for all students.

Objective: To motivate students towards innovations & to familiarize them with the need & scope of innovations.

Benefits: Students got knowledge of Idea generation and learnt how to manage Marketing, Pricing and funding in the start-up and overcome with problem faced

Glimpses:



NISP Refresher Session on “Design Effective Innovation & Startup Policy in HEI’s”

16th February, 2023

Innovation Ambassadors along students with faculty members of **Dronacharya Group of Institutions, Greater Noida** attended the NISP Refresher Session on “**Design Effective Innovation & Startup Policy in HEI’s**” on **16th February, 2023**.

Mr. Dipan Sahu (Assistant Innovation Director, MIC) was the spokesperson of the session. He started the session by explaining about market, market failure and the factors leading to market failure. He underlined the fact the market operates in a natural manner and all the innovations must be carried out keeping the expectations of the market. He also said, critical thinking is a vital factor for producing the desired results. Moving further, he explained the concept by giving examples of Innovation and Startups, the difficulties involved with flourishing which in a nut shell are ineffective designs, plans and ideas. Moving further, he said, intervention of government, government organizations and big organizations are necessary for startups to flourish.

He then took the session forward and discussed 'Policy document' which in simple words gives vision and direction to the innovators. He also discussed the levels of Policy formulation that could be divided into Micro and Macro levels. Then he underlined two major reforms that happened in the education industry, viz: NEP and NISP. Speaking about NEP, he said there is a reduction in the curriculum in order to give space for critical and experiential learning.

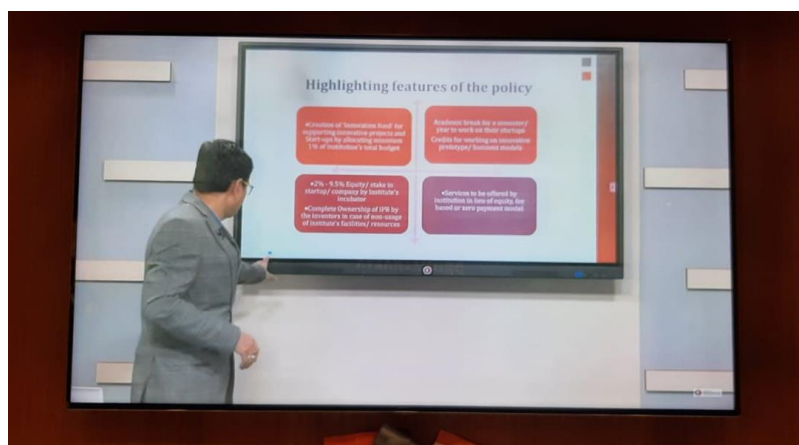
He continued the session and briefed NISP. He explained, it is a policy intending to guide HEI's to promote students and faculty driven innovations and startups in HEI's. He highlighted the features of NISP, told about budget allocation of minimum 1% of institution's total budget, 2%-9.5% equity stake by the Institute's Incubator in case of using Institute's facilities/resources. He also suggested providing break for carrying innovation activities and allowing students and faculties to re-join the institute. Proper recognition and rewarding mechanism must also be set up as a part of policy formulation. He also laid stress upon setting up of pre-incubation and incubation facility at the institute's level and also suggested that both must go in a coordinated manner.

Moving further, he said, the innovation entrepreneurship must not only be used to put in CV (for faculty) or getting a job (for student). This must be carried in a continued manner. He also gave hint upon decrement in IP filing rates and also clarified that institute cannot claim ownership of the invention thus made.

He also advised to go through the NISP document and take reference from it for formulation of institute's own Innovation Policy. Lastly, he described the interconnection of NISP and ARIIA.

Objective: To make participants understand importance of innovations & start-up & activities conducted in HEI's

Benefits: Participants understood how to promote innovation among student and engage them in innovation and start up activities inside campus.



“Innovation & Entrepreneurship Outreach Program”

2nd February, 2023

Institutions Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida conducted an “Innovation & Entrepreneurship Outreach Program” at ‘Rajkiya Varishth Madhyamik Vidhyalya, Faridabad’ on 2nd February, 2023. The theme for the program was “Innovation in Science & Technology.” Ms. Neelam Bhardwaj (Innovation

Ambassador, DGI) along with student coordinator conducted the session at school. Students of the school attended the program.

Ms. Neelam Bhardwaj explained the concept of Innovation by way of presentations. She said, in simple term, Innovation is the act of inventing something new in tangible as well as intangible form. She urged the students to participate in mind games, brain teasers, visual puzzles and trying to solve logical & critical reasoning questions to the fullest. Afterwards, there was a competition for the students wherein students showcased their innovative models and ideas and were also applauded for the efforts thus made.

At last, she mentioned the contributions of Dronacharya Group of Institutions, Greater Noida towards promoting research and innovation activities. She also guided students about various career prospects available.

It was an interactive session and students were benefitted from the programme.

Objective: The session was organized to make students aware of importance of innovation

Benefits: Student understood how they can use their knowledge to create new innovative products and can take their first step towards entrepreneurship.

Some Glimpses:



Accelerators/Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs.

23rd July 2022

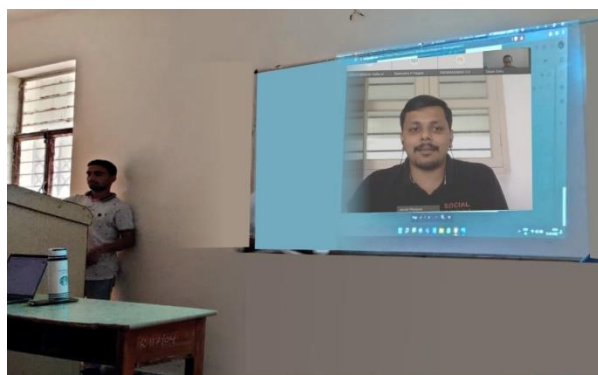
Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an online session on Accelerators/Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs.

The orator of the session was Mr. Jacob Poulose who is currently serving as Chief of Operations – FAIRE (Social Alpha JV) which is a multistage innovation curation & venture development platform for science & technology start-ups. He explained the differences between Incubator & Accelerator and explained what incubator & Accelerator does. He further added the services/offereings by an incubator & accelerator in terms of infrastructure, Tech credits, knowledge services, proven oartner network at discounted prices, software product advisory, product development, CTO Services & fund syndication, portfolio support, product validation & grants & Funds.

For raising Capital, he suggested many grants in the form of Govt. schemes (BIRAC, DST, MEITY, State Govt. Programs, Patent reimbursements), CSR & corporate Grants, Awards & Competitions etc.

He explained the concept of Pre-incubation to the listeners as well.

At last, many queries were taken up by the speaker of the session. In all the entire session was very informative & students of DGI were benefitted by it very much.



Session on “Achieving Problem-Solution Fit & Product Market Fit”

27th -28th January, 2023

Institutions’ Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a session on “Achieving Problem-Solution Fit & Product Market Fit” on **27th - 28th January, 2023**. **Innovation Ambassadors Dr. Bishub Chaudhary and Mr. Vishnu Kuntal** were the speakers of the session. **55 students** attended the session.

On first day of the session, Dr. Bishub Chaudhary explained the students to identify the problems faced by the customers and taught the importance of developing original or unexpected solutions with the primary focus to put themselves in the shoes of prospective customers and developing an improved understanding of customer needs and demand. The session also focused to build entrepreneurship skills in students. Students were asked to identify the problem and the probable solution to enter into the market. Importance of proper packaging and branding attributes were also explained to the students.

On second day, Prof. Vishnu Kuntal told the students that a product/idea becomes successful when the concept meets the demand of the targeted customers. He said the business would become laggard within 3-4 years if new concepts or innovations are not implemented keeping in mind the needs of the targeted customer base. He gave the example of some renowned companies and explained, how the companies failed to sustain due to ignorance of the concept of Problem-Solution Fit and Product-Market Fit. He also told the students to be flexible and be ready for future demands and desires of the customers.

The session was informative and included two way communication as students also got an opportunity to clarify their doubts.

Objective: To make student understand the process involved in developing the solution fit & market fit product.

Benefits: Students understood the importance of continuously innovating and developing new products for any business to sustain in market and grow.



Angel Investment/ VC Funding opportunity for early stage

Entrepreneurs.

9th July 2022

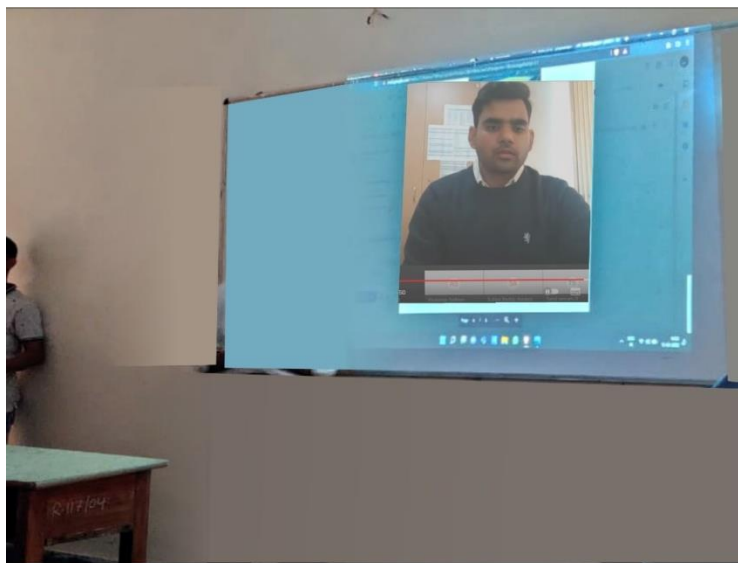
Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized an online session on Angel Investment/ VC Funding opportunity for early stage entrepreneurs. Moitreyee Goswami was the orator for the day and is actively involved in conducting training programs and sessions on entrepreneurship and investment for various reputed organizations like AICTE. He explained that it is hard to raise funds for a startup, so proper pitching is necessary.

He explained that Pitch is basically a presentation that you give to investors for raising funds.

Variety of Tools are available for preparing presentation. He made the audiences understand that two types of pitches are available – Text & Visual.

He explained the importance of Subject line and at the same time she stressed upon the text to be grammatically correct & should have appropriate vocabulary. Every minute detail must be there on the pitch. Value of the project, purpose of the startup must be explained, and what sets you apart should be stressed upon. He further said that the selection of Business Model should be appropriate. She explained many Business Models like Commission Model (AirBnB), Freemium Model (LinkedIn), Subscription Model (Netflix), Marketplace Model (Flipkart), etc. Importance of contact slide to be put at the end of presentation was also explained by her.

He explained what Angel investment is all about. Angel Investment is the first person apart from family/friends who invests in your Startup. They are registered on some portals. In the last queries were taken up & solutions were provided. Students of Dronacharya Group of Institutions actively listened throughout the session.



Session on “How to plan the start-up and legal & Ethical steps”

27th April 2023

With India’s G20 Presidency and Startup 20 initiative, India has seen a fresh wave of innovations and ventures. The Government of India is promoting Startup culture to make India economically and environmentally sustainable. India has become the third largest startup ecosystem in the world & is competing with all major economies. With this culture of startups it is also equally important to plan your ventures in a legal and ethical way. It is important to understand what are the laws and regulations that a startup has to comply with.

To make students aware of these legal and ethical steps for startups, the **Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida** organized a session on “**How to plan the start-up and legal & ethical steps**” under the guidance of **Mr. Manish Sharma (Eltropy India Pvt. Ltd).**

Mr. Manish Sharma explained how an idea or a concept leads to a startup. The idea is usually found by observations of real time problems, market trends & their solutions lead to a startup venture. Mr. Manish added that with the knowledge of planning a startup it is also important to know the Intellectual Property Rights (IPR) required for establishment of a startup. He explained the importance of terms like Patent, Trademarks, Copyrights, Industrial Design and Geographic Indication. He later explained how IPR plays a vital role in building a startup. With this he also explained the ways to safeguard the IPR. He primarily focused on the importance of market research for ethically planning a startup and also explained the ways to approach it. He later told the importance of Patent Valuation & License and methods to achieve them. Later students asked their queries which were answered in detail by the keynote speaker.

The session ended with a vote of thanks from **Prof Sanghamitra V Arora, IIC Convenor.**

Objective: The objective was to help the students to incubate the idea and to turn it into a startup.

Benefits: The session explained the basics of startups, including its initiation, raising funds, legal and ethical aspects of startups.



Session on Innovation in Product Design

9th December 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Innovation in Product Design**” on **9th December 2022**. Mechanical Department students participated in the session. **Prof. (Dr.) Shailesh Kumar Singh** (Innovation Ambassador) was the keynote speaker for the session.

The session focuses on the need to design the innovative products to meet the challenges for the modern world.

Prof. (Dr.) Shailesh started the session and told students design innovation is the process used to transform an innovative idea into practical reality. It's a process of solving a problem by identifying and understanding the need of end user. He explained, with the rapidly changing economic scenario, competition is from all over the world. New and innovative product is the demand of the situation. He added, before designing any product keep in mind that products have to be designed that fulfills the user needs. The products need to be, affordable, friendly appropriate, ecologically sound, and visually pleasing and in addition suited for the competitive global marketplace.

In the last he said, the opportunity for design innovation exists throughout all stages of the manufacturing process. Students shared some of their innovative ideas with Prof. (Dr.) Shailesh. He guided students with the shortcomings and improvements they can make in their ideas. He also guided students about patent filing and copyright.

Overall it was a very interactive session.

Objective: The session focus on the need to design the innovative products to meet the challenges of the world.

Benefits: Student understood the importance of innovation and designing of new products that meets the requirement of world.



Problem Solving and Ideation Workshop

29th October 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a workshop on **“Problem Solving and Ideation Workshop”** on **29th October 2022**. **Prof. (Dr.) Shailesh Kumar Singh (Innovation Ambassador)** was the speaker of the session.

The main objective of the workshop was to explain students the importance of innovation and idea generation and skills involved in problem solving.

Dr. Shailesh Kumar Singh started the session and explained some of the steps involved in problem solving and ideation process. He further differentiated between a successful entrepreneur and the one who failed and described the reason for the same. Next he asked students to understand the problem

thoroughly and then only they can find its perfect solution. He explained some of the best entrepreneurship practices that student can adopt to enhance their abilities in solving critical problems.

In the end Dr. Singh cleared the doubts of the students.

Objective: to explain students the importance of innovation & idea generation & problem solving skills.

Benefits: Students got knowledge how they can enhance their skills for problem solving and find solution to critical problems.

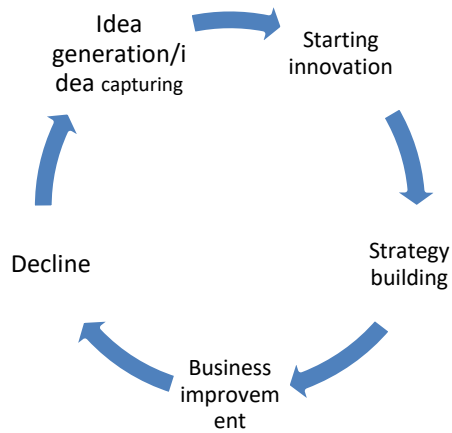


Session on Process of Innovation Development

2nd November, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Process of Innovation Development**” for B.Tech & MBA students. The speaker of the session was **Mr. Randhir Batsa**, General Manager, Admin & Sustainability Head (Neokraft Global Pvt. Ltd.) on **2nd November, 2022**. 235 students attended the session.

The speaker started the session by addressing about the necessity of Changes in Technology. He continued the session by asking the students always try to find answer to three vital input questions before moving for any innovation process: **Why, What & How**. He guided the participants if they know Why, What and How of each and every step of Innovation cycle, they would always fetch positive results. He then explained the entire process of Innovation:



He further explained the need to study potential threats attached with any innovative idea. When all's said and done, he answered all the queries of the students.

The students of Dronacharya Group of Institutions, Greater Noida energetically paid attention throughout the session and were profited by the session.

Objective : To make student aware of process involved in innovation development

Benefit : Students got to know how they can convert innovative ideas to a successful products.

Glimpses:



Panel Discussion with Innovator

8th July 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a panel discussion with innovator **Mr. Mohit Sagar (CEO & Founder of Furbishers Pvt. Ltd.)** on **8th July, 2022**. 50 students attended the session. The discussion was coordinated by **Prof. Sanghamitra Arora**.

The panel discussion was on “Innovation and Start Up Ecosystem Enablers”.

Panelist **Mr. Mohit** shared his experiences as entrepreneurs and discussed the entrepreneurial ecosystem of India which has helped him to reach the heights in his domain. He encouraged young students to take the plunge and build competent teams. The enriching and insightful discussion was followed by a question answer session. The session was thoroughly enjoyed by the participants.

At last **Prof. Sanghamitra Arora**, Convener IIC gave a vote of thanks and concluded the session.

Objective: The objective was to foster the culture of Innovation among students

Benefit: Student understood the culture of innovation and got to know how to convert from the nascent stage of ideas, to a successful start-up

Workshop on “Business Model Canvas”

6th & 7th April'2023

Institution's Innovation Council (IIC), Ministry of Education (MoE) in collaboration with the **Department of Management Studies, Dronacharya Group of Institutions, Greater Noida** organized a 2 day workshop on '**Business Model Canvas**' on **6th- 7th April'2023**.

The objective of the workshop was to make students learn how they can make promise and deliver the values to a particular customer segment for making position of the business in the market by utilizing the resources available in the best possible manner that sustains.

Dr. Sahab Singh, along with expert team members inspired the students of engineering and management by discussing, how an ordinary person can make an ideal & sustainable business model.

Session began with the welcome note by **Professor (Dr.) Priya Satsangi (HOD-MBA, DGI Greater Noida)**. She greeted the guests and addressed the audience and motivated them towards entrepreneurship.

Day 1: Business Model Understanding

The first session of the workshop was moderated by the MBA students **Mr. Shashwat Choudhary & Ms. Mitali Yadav** & chaired by **Dr. Satsangi**

Dr. Satsangi stressed upon, it is the right time to learn the thing that can help eliminate the vast unemployment problems for the sustainable development of Indian economy.

Dr. Sahab Singh, suggested some appropriate methods for the benefit of students to utilize the available resources effectively and efficiently through his robust presentation on Business Model Canvas and has shared a small journey of a great business leader FMCG industry.

Dr. Singh, stated there has been always a big gap between policies and practices. Policies are making a vital role in an economy, many policies are hanging around and many are not working. Also he said, so

many business leaders are there in college youths to help society across the nation but result on ground level is not going to improve because they do not know whether the offered value proposition works.

Further he mentioned, a large stake of graduates seeks and depends on the jobs opportunities only in the other concerns due to adverse business effects which are really not acceptable.

He added, students need to bring the sets of problems together to discuss with experts and apply the modern technologies and multidisciplinary approaches in all the field of their specialization especially available with them.

Day 2: Hands on Practice

Dr. Singh, made the session much attention-grabbing by delivering a talk on Value Proposition according to Customer Segments. He advocated, students are the “Hybrid Seed”, and can make a drastic change in the field if the seed quality improvement is done.

Also he pointed out a small step towards the goal that can bring the state-of-the-art facilities in the lives of common people.

In the end, the audience discussed several queries related to Business Model Canvassing and have made their own fantastic Business Models.

Dr. Satsangi, proposed note of thanks by saying “**Think Big Before Doing Anything Small**” and participants have shown their interest in the same with a big round of applauds.

Facebook : <https://www.facebook.com/events/1425939604899835/?ref=newsfeed>

Twitter : <https://twitter.com/DronacharyaDgi/status/1644635834749157377/photo/1>

LinkedIn: <https://www.linkedin.com/school/dronacharya-group-of-institutions-delhi-ncr-28b379186/posts/?feedView=all>

Instagram : https://www.instagram.com/p/CqurhSoPTSw/?utm_source=ig_web_copy_link

Objective: To encourage, enlighten & motivate the students to think out of the box and start their own ventures.

Benefits : Students get familiar with Business Model Canvas and different template for developing new business model



Shaping the Future of Country

3 Days Workshop on “Role of Entrepreneur Towards Society”

6th – 8th February, 2023

Institutions Innovation Council (IIC), Ministry Of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a **3 Day Workshop** on **“Role of Entrepreneur Towards Society”** from **6th – 8th February, 2023**. Different activities were conducted during the 3 day workshop.

On the first day, i.e. 6th February, a technical talk on “Advancement in Mechanical, Electrical and Electronics Domain” was delivered by **Mr. Parag S. Kavthekar, Technical Trainer (North Region), BOSCH Ltd.** **65 students** attended the talk. He started the session by giving a brief introduction about BOSCH Ltd. Further, he gave a snapshot about Mechanical, Electrical and Electronics Domain in Engineering. He said, these fields of Engineering used to be the first choices of prospective engineering students, but these days these branches of Engineering have become obsolete. He also highlighted the fact that numerous opportunities are available in the core sector also and there are ample of opportunities available for the students opting for these domains of engineering. Then, he explained about the need of Innovation and research work in the field of engineering domains. He explained the whole concept by way of examples of Emerging trends of Electric Vehicles (EV), Digital accumulation with CAD/CAM, Automation & Smart Systems, Green Engineering, etc. He also stressed upon the CSR initiatives of the small and big entrepreneurs of the nation.

The session was informative and included two-way communication as the students cleared the doubts by asking questions. Vote of thanks was given by **Prof. (Dr.) Shailesh Kumar Singh** (HOD- Mechanical Department).

On **7th February**, there was an **“Idea Presentation”** competition. The guidelines for evaluating the presentations were pre circulated to all the students. **68 students** comprising 14 teams registered for the competition. The competition comprised of two evaluation rounds. All the teams presented their divergent ideas by way of innovative designs. The teams received valuable feedback on their feasibility

aspect of ideas by the panel of evaluators. 5 teams were shortlisted for the second round of competition. They refined their workings based on the feedback received and final 3 winners were announced. All the participant's efforts were applauded and the winners were awarded with Certificate of Appreciation.

On the **last day** of the workshop, a **“Group Discussion”** was conducted in the seminar hall. The topic of the discussion was **“Can Engineers Become Good Entrepreneurs”** 40 students participated in the discussion and were divided in two teams comprising 20 students each. Each team was headed by mentor who guided their teams throughout the discussion. Etiquettes of participating in the discussion were also taught to the participants. Initially, the team leader of both the teams was given platform to speak for and against the topic for 10 minutes. Then, the discussion was opened to all wherein all the participants expressed their thoughts on the stated subject matter. The discussion was fruitful and many ideas emerged out from the discussion.

The three day event was informative, gave a good platform to polish the presentation and soft skill.

Objective: To make student understand the roles and responsibility of entrepreneur towards the society.

Benefits: Through the activities conducted students were motivated towards innovation and entrepreneurship.



Technical Session on
“Women Should Consider Entrepreneurship as Career Option”

3rd March, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a technical session on “Women Should Consider Entrepreneurship as Career Option” on 3rd March, 2023. The keynote speaker of the session was Dr. Yogita Shukla (Founder & Director, Wo-Men Geospatial Coterie.) Girl students of the college attended the session.

Prof. Priya Satsangi (HOD – MBA Department) gave a brief description of the eminent speaker of the technical session. Speaking about the topic, she highlighted about the importance of keeping the confidence level high and never afraid of experimenting. She said, by developing critical thinking, improving communication skills and carrying innovative activities, one can soar high and achieve big. She motivated the students through the example of her own start-up. She said, there are many reasons why women must consider Entrepreneurship as Career Option like:

- Entrepreneurship gives freedom of Work
- It allows for more rapid advancement
- It increases the confidence level
- It gives you more control
- It offers more fulfillment
- It makes you strong

Students were highly motivated and also asked certain questions related to entrepreneurship with the speaker.

Objective: To motivate female students for taking entrepreneurship as career option.

Benefit: Students got to know the basic rule to follow for entrepreneurship and benefits of becoming entrepreneur.

Links : Twitter : <https://twitter.com/DronacharyaDgi/status/1631960136737775618?s=20>

Instagram : https://www.instagram.com/p/CpXO6HPuEI/?utm_source=ig_web_copy_link



Three Days Boot Camp on “Idea Generation And Execution”

17th – 19th November, 2022

With a view to create awareness among students about various facets of entrepreneurship as an alternative career option, **Institution Innovation Council (IIC), MoE, Dronacharya Group of Institutions, Greater Noida**, organized a “**Boot Camp on Idea Generation and Execution**” from **17th-19th November, 2022**. The event was coordinated by **Prof. (Dr.) Hari Mohan Rai** (ECE Dept.). 80 students from all departments participated in the Boot Camp.

The objective of the boot camp was to make students aware about aspects of innovation as well as Entrepreneurship

Camp started with the motivating speech of Prof. Sanghamitra V Arora (HOD- ECE Dept.). She made participants familiar with different characteristics of entrepreneurship.

On the **first day** of the boot camp students were asked to initiate Idea. It was a brain storming session wherein students pondered deeply on various themes given to them. Mentors spend time with each team and advised them on filtering their business plan.

The **second day** of the boot camp started with explaining key aspects of market survey to the students and then they were sent for actual market survey within the premises and took suggestions from various students and faculties to modify their product. Before end of the day, they were asked to get prepared with the final draft of Business Plan based on the feedback received from mentors and market survey.

On **day 3**, each team got a chance to pitch their Idea to a panel and teams were asked to give presentation and evaluation was done by the faculty members. Best performing team won the competition and was awarded with Achievement certificate and a trophy titled “**Best Business Plan.**”

Apart from the problem solutions, students also learnt how to make Business Plans & conduct Market Surveys about their idea. Students were made to face situations similar to the problems faced by real life entrepreneurs. Hence, the Boot-Camp helped students to develop an entrepreneurial mind and learn how real life pitching of ideas takes place.

Objective: To make students aware about aspects of innovation as well as Entrepreneurship.

Benefits: Students learnt how to make Business Plans & conduct Market Surveys. They developed an entrepreneurial mind & learn how pitching of ideas takes place.

Glimpses:



Vigyan Se Vikas :

Workshop for “School Students through Innovation Ambassadors”

20th January, 2023

Institution Innovation Cell (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a workshop for school students. Ms. Neelam Bhardwaj (Innovation Ambassador, IIC, DGI, Greater Noida) visited Aggarwal Public School, Ballabhgarh on 20th January, 2023 to advise students on the need for innovation.

She addressed on the topic “Vigyan se Vikas” and explained about Innovation as the introduction of new idea. She told the students about the purpose and importance of studying science and discussed about innovation and its need, how technology affects innovation processes and the factors affecting innovation processes. Students were told about the need to think logically and participate in innovative practices. She said that the old processes of doing any work keeps on changing rapidly and newer technologies comes in. She motivated students to read biography of successful innovators, watch

interviews of successful innovators and find opportunities to be creative. She gave various examples of innovation like drones, solar rechargeable hearing aids, electrical vehicles, etc. for students to understand the need for innovation in all the fields.

At the end, Ms. Neelam Bhardwaj cleared the doubts of the students. The impact of the session on students was overwhelmingly positive.

Objective: School students were made aware of how they can use science to create new innovative products

Benefits: Student understood how technology affects innovation processes and the factors affecting innovation processes

Glimpses :



Session on Entrepreneurship & Innovation as Career Opportunity

1st November, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Entrepreneurship & Innovation as Career Opportunity**” for B.Tech & MBA students on **1st November, 2022**. The speaker of the session was **Mr. Sushil Kumar Aggarwal**, (Chairman & Director Avro India Limited). 100 students attended the session.

The main objective of the session was to inform students about the career opportunities in Entrepreneurship and Innovation and encouraging them to make positive changes in society.

Mr. Aggarwal explained, India is a vast country and the need for carrying innovative projects and starting of fresh start ups is a must to increase employment opportunities and thus growth in GDP. He explained, entrepreneurship in detail, roles of an entrepreneur and barriers associated with entrepreneurship. He explained that making profits from a business is a long and risky affair. He illuminated many examples for the easy understanding of the students.

In the end, an interactive question and answer session was conducted to satisfy the doubts of the students. Students of Dronacharya Group of Institutions, Greater Noida extracted a lot of valuable information from the session. The session ended with a vote of thanks by the director Prof. (Dr.) K K Saini.

Objective: To make students aware about the career opportunity in Entrepreneurship and Innovation.

Benefits: Students got to know about entrepreneurship in detail, roles of an entrepreneur and barriers associated with entrepreneurship

Glimpses:

DRONACHARYA
Group of Institutions

Session on
“Entrepreneurship and Innovation
as Career Opportunity”
For B.Tech & MBA Students

Mr. Sushil Kumar Aggarwal
(CHAIRMAN AND WHOLE TIME DIRECTOR)
AVRO INDIA LIMITED
(FORMERLY KNOWN AS AVON MOLDFRAME LTD.)

1ST November, 2022



Workshop on "Entrepreneurship Skill, Attitude and Behavior Development"

2nd February, 2023

Institution innovation cell (IIC) Ministry of Education (MOE) , Dronacharya Group of Institutions, Greater Noida, organized a workshop on the topic “**Entrepreneur Skill, Attitude And Behavioural Development**” on the **2nd February 2023**. The speaker Dr Priya Satsangi (HOD MBA) along with the team focused on enriching the students and broadening their horizon by thinking vigilantly.

Dr. Priya Satsangi (HOD, MBA Department.) explained meaning, process and characteristics of entrepreneurship to the students. All the aspects of being an entrepreneur and its importance in economic, social and innovative needs with advantages and disadvantage with the help of examples were also described by Dr. Priya. She also addressed the significance of innovation as the introduction of new ideas and creativity. Students were taught the value of logical thinking and engaged in innovative practices through various games. She firmly focused on the approach that the old way of working will never be successful or profitable, so your attitude and behaviour should be that of a visionary.

Dr. Sahab Singh discussed feasibility before she moved on to time management skills.

She also covered the myths of being an entrepreneur. Essentially, entrepreneurs are the forerunners in introducing new technologies and systems, which ultimately result in societal changes. These changes are associated with: Improved lifestyles, Generous thinking, Better morale, Higher economic choices, Impacting National and Global Change

All students avidly participated in the session, which concluded in an encouraging note.

Some Glimpses :





DRONACHARYA
Group of Institutions

INSTITUTION'S
INNOVATION
COUNCIL
(A wing of DRONACHARYA)

Workshop on
Entrepreneurship Skill, Attitude and
Behaviour Development

 2 February, 2023

 **SPEAKER**

DR. PRIYA SATSANGI
HOD; MBA

