



Certification by Head of Institution

Certified that Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years are listed below:

2023-24	2022-23	2021-22	2020-21	2019-20
60	65	32	30	37

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27, KP-III, Greater Noida-201306

DRONACHARYA Group of Institutions

B-27, Knowledge Park – III, Greater Noida, Uttar Pradesh – 201308
Approved by: All India Council for Technical Education (AICTE), New Delhi
Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow

Academic Year 2023-24

Workshops/seminars/conferences conducted on Research Methodology

Problem Solving and Ideation Workshop 18th September 2023

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 18th September 2023 Mr. Raghavendra Katti (Assistant General Manager, Maruti Suzuki R&D) was the speaker of the session. 85 students attended the session.

The aim of the workshop was to elucidate to students the significance of innovation and the process of generating ideas, along with the skills required for problem-solving.

Mr. Raghavendra Katti initiated the session, detailing various steps integral to problem-solving and the process of generating ideas. He also distinguished between successful and unsuccessful entrepreneurs, outlining the reasons behind their outcomes. Moving forward, he encouraged students to thoroughly grasp the nature of a problem before seeking its optimal solution. Furthermore, he elaborated on several effective entrepreneurship practices that students could embrace to improve their capacity for addressing critical challenges. In the end Mr. Raghavendra Katti cleared the doubts of the students.




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Objective: To explain the significance of innovation and the skills required for problem-solving

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

Twitter: <https://twitter.com/DronacharyaDgi/status/1778324758423068819>

Workshop on Problem Identification

15th September 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a field visit to “Cosy Toys Factory” for problem identification on **15th September 2023**. Faculty member **Prof. Sarita Tiwari** along with **45 students** visited the factory.

The visit was organized with the objective to give learning and practical exposure of students.

Cosy Toys Factory is the manufacturers, exporters, and distributors of exclusive soft toys in the NCR area. Company always tries to maintain our quality standards to meet the little one's expectations. It is a B2B company, providing materials wholesale to retailers who, in turn, sell the toys to customers. The Unique Selling Proposition (USP) of Cosy Toys is their exclusivity and dedication to customer satisfaction

Dronacharyans were welcomed by company officials **Mr. Jyotish** and **Mr. Kartik**. They gave a small presentation about the company.

After the presentation, student saw the entire manufacturing process of toys, observing how starting with a rough idea, they carve the whole toy into reality according to customer demands. The materials and accessories required vary each time, requiring careful consideration to match customer expectations. As an example, they showed students an octopus made for a corporate client in bulk, with tagging, printing, and packaging exclusively done for the client.

In addition to personalized products, they also deal in pet toys and animal plushies. Their basic idea is to first understand customer needs and then design the product accordingly. The toy's idea is initially designed in 3-D and then translated into 2-D. The next steps involve creating a prototype and then proceeding to the final product.

The design process is the initial step in the manufacturing process, followed by cutting the textile material, stitching according to the design, and finally stuffing the toys. Quality checks are crucial before packaging, which is done on-site. For most bulk orders, they use vacuum packing to reduce transportation costs.

Logistics and supply processes are also managed by the company, utilizing different vendors they are associated with to provide end-to-end solutions for the customer. Skilled labor is required for these activities, necessitating extensive training and development to ensure the production of quality products efficiently.

In the first two years of the company's startup, they faced challenges due to a lack of awareness about bulk raw material providers, resulting in higher costs compared to competitors. Subsequently, they conducted research and explored the market for more affordable raw materials.

Students also explored all departments of the company. Students were actively asking questions to gain further knowledge about the toy industry and its workings.

Overall, the industrial visit proved fruitful in terms of learning and motivation for the students to become entrepreneurs and explore new avenues for the sustainability and growth of the Indian economy. The Government of India's support to MSMEs for substantial growth adds to the positive outlook.



Link : https://www.instagram.com/p/C5prohTvLQI/?utm_source=ig_web_copy_link

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<https://twitter.com/DronacharyaDgi/status/1778670993726120223>

Objective: To make students understand what are problem faced in entrepreneurial journey and to run a startup.

Benefit: Students learnt about the problems faced by startup and how to integrate their learning to find a sustainable solution for them

Workshop on Internet of Things (IoT) using Arduino UNO

(To Drive Innovation for Business)

14th – 15th October, 2023

Institution's Innovation Council, Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized **"Introductory workshop on Internet of Things (IoT) using Arduino UNO"** on **14th – 15th October, 2023** to stimulate innovation practices in Businesses. The workshop was organized for ECE/EEE and ECZ (Semester 3) students. The resource persons of the workshop are Dr. Kamal Deep (ECE Dept.) and Mr. Chandrabhan (ECE Dept.)

The first session was taken by Dr. Kamal Deep on 14th October, 2023. Dr. Kamal started the session by giving a brief introduction of Internet of Things (IoT) using Arduino UNO. He told the Internet of Things (IoT) is revolutionizing how we interact with technology, enabling everyday objects to communicate and exchange data seamlessly. The workshop aimed to provide participants with a fundamental understanding of IoT concepts and practical skills using Arduino UNO, one of the most popular microcontroller boards. The workshop outlined the following basic topics:

- Definition and scope of IoT.
- Real-world applications and use cases.
- Importance of IoT in various industries.
- Overview of Arduino UNO board and its components.
- Installation of Arduino IDE (Integrated Development Environment).
- Basics of programming in Arduino IDE.

The first day of the session ended with doubts clearing of the students by Dr. Kamal Deep.

The next session of the workshop was taken by Mr. Chandrabhan on 15th October, 2023. He made discussion about the following topics:

- Interfacing Sensors and Actuators
- Connecting and programming sensors (e.g., temperature, humidity, light) with Arduino UNO.
- Controlling actuators (e.g., LEDs, motors) using Arduino UNO.
- IoT Communication Protocols, introduction to communication protocols such as Wi-Fi, Bluetooth, and MQTT.
- Setting up Wi-Fi communication with Arduino UNO.
- Sending and receiving data over the internet using Arduino UNO.



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After the theory session on the second day, students were engaged in hands-on exercise to reinforce their learning.

Overall, participants gained valuable insights into the world of IoT and developed practical skills in working with Arduino UNO for building IoT applications. The students also learnt the application of Internet of Things (IoT) using Arduino UNO in business practices.



Objective: To student students understand how they can use IOT using Arduino in their startups

Benefits: Students also learnt the application of Internet of Things (IoT) using Arduino UNO in business practices

Link:

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<https://twitter.com/DronacharyaDgi/status/1715234394837860602/photo/3>

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Workshop on “Design Thinking, Critical Thinking and Innovation Design”

22nd December, 2023

Institution’s Innovation Council, Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a workshop on **“Design Thinking, Critical Thinking and Innovation Design”** on **22nd December, 2023**. **IIC Ambassador, Dr. Sangeeta Mangesh** was the eminent speaker of the workshop. 48 students attended the workshop.

The objective behind conducting the workshop was to educate the students and highlight the importance of Design Thinking, Critical Thinking and Innovation Design.

The speaker started the session by highlighting the fact that to carry innovation, critical thinking is a vital parameter. Assumptions must be made and there should be no lacking in the efforts to make the assumptions a reality. He said, the world is becoming more and more digital, it’s not the first click that matters, what matters are the actions that needs to be performed afterwards. To make an idea a successful reality, proper implementation of the thoughts is also necessary. Following were the topics that were taught in the session:

- Elements of Design Thinking
- Design Thinking Process
- Problem identification techniques/tools
- Customer journey map
- Empathy map template
- Need of social media
- Prototype techniques/tools
- Ideation techniques/tools

The session also covered how Design Thinking and Critical Thinking abilities are used to produce what customers really want. It also focuses upon delivering tangible and intangible products keeping in mind the feasibility and economical aspect of the product thus produced.

Overall, it was a rousing session for the attendees.



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Objective: To educate the students & highlight the need of Design Thinking, Critical Thinking & Innovation Design

Benefits: Student understood Design Thinking Process & Elements involved in Design Thinking and got to know about Problem identification techniques/tools

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

16th December 2023

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 **16th December 2023**. **Mr. Vivek Soni (DEV IT SERV Pvt Ltd)** was the expert speaker of the session. 3rd and 4th year students attended the session.

The session emphasizes the significance of innovation and turning ideas into viable products, aiming to help students grasp the necessity and value of being prepared with technology.

Prof. (Dr.) S.K. Srivastava (Registrar) welcomed the speaker **Mr. Vivek Soni** and **enlightened students about the importance of innovation**. **Mr. Vivek** began by discussing how innovation evolves and the different steps in creating a new product. Following that, he introduced the concept of Technology Readiness Levels (TRLs) to the students. He explained, TRLs assess how advanced a technology is as it moves from research to development and deployment, using a scale from 1 to 9 where 1 is the earliest stage and 9 is fully matured technology. Continuing, she elaborated on the process of commercializing laboratory technologies and technology 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.**



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Objective : To create awareness among the students about the many innovative ways of technology readiness level.

Benefits : students understood the critical role that innovation, TRL, commercialization, and tech transfer play in shaping the future of technology.

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PowerPoint Presentation Competition on National Education Day

10th November, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida celebrated **National Education Day** on **10th November, 2023**. **Power Point Presentation Competition** with the theme '**Embracing Innovation**' was organized for the students of B.Tech. **85 students** participated in the competition. Ms. Swati Tyagi (Faculty, DGI) coordinated the event.

The Power Point Presentation Competition aimed to showcase the innovative ideas and projects of students. The participation in the competition boosted their creativity, problem solving skills and ability to embrace technological advancements. Participants were encouraged to present their ideas, projects or research work that demonstrated their innovative solutions to real-world challenges.

The competition featured presentations from students from different disciplines including mechanical engineering, electrical engineering, computer engineering and more. Participants were required to prepare Power Point Presentations that effectively communicated their innovative ideas.

The competition was judged by a panel of judges from different disciplines with judging criteria being pre-articulated to all the participants. The participants were judged on the basis of innovation and creativity, technical depth, practicality and feasibility, presentation skills, impact and potential.

Following the presentation, there was a Question and Answer Session wherein judges and the audience members had the opportunity to ask questions and engage in discussions with the participants. The judges also provided valuable feedback and insights also.

Lastly, winners were announced and were presented with certificate of appreciation.



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Twitter : <https://twitter.com/DronacharyaDgi/status/1788093036041208019/photo/2>

Objective: To give student a platform to showcase the innovative ideas and projects of students.

Benefit: The participation in the competition boosted student's creativity, problem solving skills and ability to embrace technological advancements.


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Intra Institutional Innovation Competition

28th – 29th December, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an “**Intra Institutional Innovation Competition**” from **28th to 29th December, 2023**. **90 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 10 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: 28th December, 2023

The day started with the enlightened speech of **Prof. (Dr.) Arpita Gupta (Director, DGI)**. She gave some simple yet useful points to be kept in mind to perform well in the competition. She also motivated the participants to dare to think differently. All the teams were asked to have a team leader. Before the presentation of the ideas, each showed their PPT to the mentor assigned to them and they refined their piece of work by giving valuable inputs.

On day 1, teams of CSE/CSIT/IT participated in the competition and presented their innovative ideas by way of impressive presentations. IIC Innovation Ambassadors of the college were the judges of the competition and they evaluated the ideas on the grounds of 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: 29th December, 2023

On day 2, teams of ECE/EEE/ECS/ME participated in the competition and 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. **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 also told about making a good pitch for their ideas. Then, the shortlisted teams presented their edited ideas in front of her. They made good pitches also.



Director

All the participant's efforts were applauded and the participants of top three ideas: MindSpark, Tech Titans and Apex Innovators were awarded with Cash prize of INR 5000 and 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 explore newer ways to conduct an innovation.

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

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Poster Presentation of Innovations

4th – 6th December, 2023

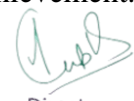
Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “**Poster Presentation of Innovations**” from **4th – 6th December, 2023**. **55 students** from **2nd and 3rd year** of B.Tech participated in the competition.

The objective of the event was to enlighten students towards innovation and creativity thereby uplifting human and society's upliftment 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. Copying would lead to disqualification from the competition.
- The competition sheets would be provided by the college.
- Individual participation must be there. No formation of teams is allowed.
- There is a limit on one entry per participant.
- The caption must be written on the top at center of the poster.
- Student must mention the ticket number provided by the coordinator on the bottom left corner of the poster. No name must be mentioned in the poster at any place.
- The judgement 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> . They were required to make posters on the next day within the stipulated time and hang there posters on the specified boards. On the final day of the competition, jury members evaluated the posters and also gave valuable inputs to the students. The top three winners were announced and were awarded with a certificate of achievement.



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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.

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Session on **Becoming a World Class Innovator – Growth through Innovation**

5th February , 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Becoming a World Class Innovator – Growth through Innovation**” on **5th February 2024**. The keynote speaker of the session was **Mr. Gurpreet Singh** (Team Lead, Hellotia Pvt. Ltd). 110 students attended the session.

The main objective of the session was to educate students about the importance of fostering innovation within a country and the various avenues through which innovation initiatives can contribute to the nation's prosperity on a significant scale.

Mr. Gurpreet Singh emphasized the importance of innovation among young, aspiring students. He encouraged all attendees to engage in research work and broaden their critical thinking skills.

The students at Dronacharya Group of Institutions showed great enthusiasm and attentiveness during the session. **Students were highly benefitted from the session.** Towards the end, Mr. Gurpreet Singh encouraged students to ask questions, and solutions were promptly provided. Students actively listened throughout the session.



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Twitter : <https://twitter.com/DronacharyaDgi/status/1781188770634530954/photo/2>

Objective : To educate students about the importance of fostering innovation within a country.

Benefit : Understood the importance of innovation in driving growth and success & learn the characteristics & skills required to become a world-class innovator.

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World Creativity and Innovation Day

Quiz Competition

21st April 2024

To mark *World Creativity and Innovation Day*, **Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida** organized a “**Quiz Competition**” on **21st April 2024**. Around 65 students from all the department participated in quiz competition enthusiastically saw active participation from over 65 students across all the

The objective of the quiz competition was to encourage students to think creatively and understand the significance of innovation in engineering and other disciplines.

The quiz comprised of questions to challenge the participants' understanding of creativity and innovation in engineering, technology, and entrepreneurship. Questions in the competitions include the topic:

Innovation in Engineering: This round focused on groundbreaking engineering innovations and their impact on society, featuring questions about important inventions, innovative engineering solutions, and their real-world applications.

Startup and Entrepreneurship: Participants were tested on their knowledge of prominent startups, entrepreneurial journeys of engineers, and government policies promoting innovation and startups, such as Startup India and Atal Innovation Mission.

Problem-Solving and Case Study: Teams were presented with real-world engineering challenges and had to propose creative solutions. This round tested their critical thinking and ability to apply engineering principles to practical problems.

After an intense competition, **Participant (Saptrishi Pal)** from the ECE Department **with maximum correct answers** secured the first position

The quiz competition, foster creativity and innovative thinking among the students. It encouraged them to reflect on the role of engineering in addressing real-world challenges and highlighted the importance of entrepreneurship in driving technological change.



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Academic Year 2023-24

Workshops/seminars/conferences on Intellectual Property Rights (IPR)

Concept, Scope and Nature of Intellectual Property Rights

16th September, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Concept, Scope and Nature of Intellectual Property Rights**” for 3rd year students on **16th September 2023**. The speaker of the session was Dr. Nahar Singh (Sr. principal scientist & honorary professor (Acsir), CSIR-NPL, New Delhi) . 75 students attended the session.

Dr. Nahar Singh started the session and explained in today's knowledge-driven economy, the protection of intellectual creations has become more crucial than ever. Intellectual Property Rights (IPRs) are the legal rights that safeguard the creations of the mind, fostering innovation, creativity, and economic growth. From artistic works to technological inventions, these rights play a pivotal role in encouraging individuals and organizations to invest time, effort, and resources into developing new ideas.

Explaining the Intellectual Property Rights, Dr. Nahar said, Intellectual Property (IP) refers to intangible creations of the human intellect, encompassing a wide range of creative and innovative works. He described Intellectual Property, as a concept, “was originally designed to cover ownership of literary and artistic works, inventions (patents) and trademarks”.

Next Dr. Nahar Singh explained scope of Intellectual Property Rights. He told the scope of Intellectual Property Rights is extensive, covering various aspects of human creativity and innovation. Different context where these rights apply are Economic Perspective, Cultural and Artistic Protection, Innovation and Technological Progress, Consumer Protection, Global Trade and Competition.

Moving the session further, Dr. Nahar said, the nature of Intellectual Property Rights is dynamic and evolving, shaped by societal needs, technological advancements, and legal developments. Several key characteristics define the nature of these rights. These include exclusivity, territoriality, duration, balance of interests, enforcement and protection.

In the end, he cleared the doubts of the students. It was an informative session where students gained insights of the of Intellectual Property Rights



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Session on

"Concept , Scope and Nature of Intellectual Property Rights"

Schedule :
(16th September
2023)



Objective: To explain students about the Concept, Scope and Nature of Intellectual Property Rights

Benefits: Students understood how and why they should protect their innovation

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<https://x.com/DronacharyaDgi/status/1778342451222114371>



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Workshop on Intellectual Property Rights (IPRs) and IP management for Start Up

18th April, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a workshop on Intellectual Property Rights (IPRs) and IP management for Start Up on 18th April, 2024. The workshop was taken by Prof. Sanghamitra V Arora (IIC Convenor) for B.Tech 2nd and 3rd year students.

The workshop began with an introduction to different types of intellectual property rights. Distinctions between patents, trademarks, copyrights, and trade secrets were explained to the students. Prof. Arora explained how patents protect inventions, trademarks secure brand identity, copyrights cover original works of authorship, and trade secrets protect confidential business information. Emphasis was placed on the importance of understanding the rights to avoid infringement and to protect one's own creations.

Students were introduced to the concept of IP management, which involves identifying, protecting, and commercializing intellectual property. Prof. Arora discussed strategies for building a robust IP portfolio, including when to file for patents, how to maintain trade secrets, and the importance of conducting thorough IP audits. IP registration process was also explained to the students which included patent drafting, filing procedures and responding to patent office actions.

The workshop also featured case studies of engineering startups that effectively utilized their IP assets to gain a competitive advantage. The examples helped students understand the practical aspects of IP management, including challenges faced and strategies used to overcome them. Students also participated in practical exercises, group discussions, and Q&A sessions.



Objective: To equip students with IP knowledge crucial for protecting and managing startup innovations.

Benefits: Enhanced IP awareness, safeguard inventions, and foster startup success through strategic IP management.

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Session on Significance of Intellectual Property Rights in Empowering Innovation

26th April, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a session on “**Significance of Intellectual Property Rights in Empowering Innovation**” on **26th April, 2024**. The session was taken by **Mr. Abhinav Vikash (L3Harris Technologies). B.Tech 3rd and Final Year** students attended the session.

The speaker, an expert in the field, began by outlining how IPR serves as a fundamental pillar for fostering creativity and innovation. The speaker highlighted the fact that by legally protecting the fruits of intellectual labor—such as inventions, designs, and brands—IPR ensures that creators and innovators can reap the benefits of their efforts, thus incentivizing further innovation. Afterwards, various types of intellectual property, including patents, trademarks, copyrights, and trade secrets were explained to the students. For students, the importance of understanding these rights was emphasized. The speaker also highlighted real-world examples where effective IP management had been the key to transforming an idea into a successful commercial product, demonstrating the tangible benefits of safeguarding intellectual assets.

The students were encouraged to think about IP not just as a legal requirement, but as a strategic tool that can offer competitive advantage in the marketplace. By securing intellectual property rights, engineers can ensure that their innovations are recognized and valued, potentially leading to lucrative opportunities such as licensing deals, partnerships, or even the creation of startups. The session also addressed the global landscape of IPR, explaining how international laws and treaties affect the protection of intellectual property across borders, which is particularly relevant in today's globalized economy.

The session concluded with a lively Q&A, where students posed questions about the practical aspects of filing patents and the role of IP in startups. The speaker emphasized that while the process can be complex and sometimes costly, the long-term benefits of protecting innovation far outweigh the initial investment. Overall, the lecture provided valuable insights into how intellectual property rights are integral to fostering innovation and driving progress in engineering and technology.



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Objective: Empower students to protect and leverage their innovations through IPR knowledge.

Benefits: Students were encouraged towards innovation, ensured legal protection, enabled commercialization, and fosters ethical use.

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Academic Year 2023-24

Workshops/seminars/conferences including programs conducted on Entrepreneurship

Workshop on “Entrepreneurship and Innovation” as Career Opportunity “

18th September 2023

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 **18th September, 2023**. The speaker of the session was **Mr. Vivek Kumar Jhakhola**, (Director, MTA Ev Division). 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. Vivek Kumar Jhakhola emphasized that in India's vast landscape, innovative projects and new startups are essential to boost employment and GDP growth. He provided a detailed explanation of entrepreneurship, the roles of an entrepreneur, and the challenges they face. He highlighted that earning profits in business is a challenging and lengthy process, using various examples for clarity. The session concluded with an interactive Q&A session to address students' queries.

Students at Dronacharya Group of Institutions, Greater Noida gained valuable insights from the session. Prof. (Dr.) Seema Shukla (Director) concluded with a vote of thanks.



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Objective: The aim was to inform students about the potential career paths available in Entrepreneurship and Innovation.

Benefits: Students gained a comprehensive understanding of entrepreneurship, including the roles of an entrepreneur and the challenges they might face.

Facebook Link :

<https://www.facebook.com/DronacharyaGreaterNoida/posts/pfbid02R71QxU85iH9Jz5HdpqcuqyS4tL5uZrT8kQDbd957HitaRqHLQ2afZzi48uFh5xoFI>

Instagram Link : https://www.instagram.com/p/CzX6_ZP-SR/?img_index=2

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My Success Story : Motivational Session by Successful Innovator

21st November, 2023

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. Aayushya Verma (Sr. Software Developer (R & D), KM Williams and Associates). **80** students and 10 Innovation Ambassadors attended the session.

Prof. Sanghamitra V Arora (IIC Convener) welcomed Mr. Aayushya Verma with a sapling and gave a brief introduction about him. She said, Mr. Aayushya Verma is an example of how innovation, coupled with dedication and hard work, can drive one to great heights.

Mr. Aayushya started the session with a question by the participants What defines success? Is it the absence of failure? Is it achieving everything we set out to do? Or is it something more?"

Mr. Aayushya shared some of the challenges he faced in his life. He motivated students to have a clear vision, a dream to innovate that could change lives. He told they will face many obstacles in every step but they have to remember innovation doesn't come from comfort. He encouraged students never to step back rather see those challenges not as roadblocks, but as stepping stones." He said, to be successful in life always embrace failure. Every setback is not a defeat but a lesson.

In the end, students asked cleared doubts related to innovation. The session was very motivating and helpful for all students.



Objective: Provide students with insights and inspirations to achieve goals and aspirations.

Benefits: Students were inspired and motivated to strive for excellence through innovation in their respective career

Instagram :

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Twitter: <https://x.com/DronacharyaDgi/status/1732660592295694682>


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Session on “What are the challenges in the Startups”

18th August 2023

Startups are a business model or venture which are focussed on a single product or service that the entrepreneur wants to bring to the market. The Government of India has introduced the “**Startup India Scheme**”, after which startups in India have risen from 471 in 2016 to 73000 in 2023, making India the third largest startup ecosystem. These numbers certainly make a budding entrepreneur happy but there is also another side of these numbers which is not discussed often. According to the survey done by Institute of Business Value, Oxford 90% of Indian Startups fail in the first 5 years. These numbers show that there are certain challenges which Startups in India face.

To find solutions to these challenges, **Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida** organized a session on “**What are the challenges in the startup**” under the guidance of **Mr. Anand Mathew(Zoom Communication Pvt. Ltd.)**. Mr. Anand emphasized, startups do not only fulfill the dreams of young aspiring entrepreneurs but also bring economic stability for a nation. Thus it is important to discuss the challenges that lead to failure of a startup.

Mr. Anand then highlighted the major challenges that Indian startups face in the market. Major reason for the failure of a startup is misleading market demand. He told the students that 42% of the startups doom in India because there is no need for their product. It is important for an entrepreneur to analyze market problems and find solutions to them. Later Mr. Anand told that the aspiring entrepreneurs find it difficult to raise funds for their business. They have brilliant ideas but are unable to find the right technical partner to develop their products. He also highlighted the importance of building a proper team that can work together towards one vision. Startups in India are unable to overcome these challenges, due to which they tend to fall in their initial stages.

Later the session ended with a vote of thanks from the **(Prof.) Dr. Seema Shukla (Director)**. She thanked Mr. Anand for the enlightening session. The students were excited and inspired by the informative session.

Objective: To provide an insight of challenges faced for start-up and reasons for start-up failure.

Benefits: Students learnt about the major challenges in the startup and reasons of failure and methods to overcome these challenges.



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Poster Presentation of Business Ideas

27th -28th October 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized “**Poster Presentation of Business Ideas**” on **27th -28th October 2023**. **110** students participated in the competition. **Innovation Ambassadors, Prof. Shailesh Kumar Singh, Prof. Bipin Pandey, Prof. Swati Tyagi and Prof. Teena Gakhar** were the judges of competition. Theme of the competition is **Innovations**. Coordinator of the competition was **Dr. Kaustubh Kumar Shukla**.

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 circulated to students beforehand

On the initial day, Students were required to register themselves for the competition. Students made posters to present their ideas to the jury members within the stipulated time. All the students presented Innovative Ideas through posters. On the final day of the competition, students showcased briefed the concept of their ideas in the form of powerpoint presentation 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.

Winner of the competition were:

Name	Branch	Position
Aditi Baranwal	CSE	1 st
Rounak Gopal	CSE	2 nd
Vatsal Saxena	CSIT	3 rd
Teena Khorwal	ECE	Consolation


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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.

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Intra Institutional Idea Competition Through YUKTI – NIR

28th -30th November 2023

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 **28th -30th November 2023**. 75 students of B.Tech participated in the competition. The guidelines of the competition were circulated beforehand to the students. Participants completed the registration process. They were required to participate in a team consisting of maximum 4 students.

The main objective of the competition was to share ideas related to real-time startup with successful outcomes for students and faculty members.

The competition has three phases:

In the first phase of the competition, Prof. Sanghamitra V Arora(IIC Convener) welcomed all the faculty members, innovation ambassadors, participants and students in the seminar hall. She then highlighted some of the most significant points on how to generate an idea for project grants. She has shared her experience for generating a project proposal.

In the second phase all the participants were into groups according to the topic chosen. All the participants gave their presentation in the respective allotted rooms. Shortlisting of participants were done for the final round of presentation.

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In the third phase Mr. Anay Pathak (Global Business Director - Dell Technologies). He motivated the participants and told the points of consideration while presenting their ideas. He explained importance of making a good pitch for their ideas. Then, the shortlisted teams presented their ideas. They made good pitches also.

All the participant's efforts were applauded and the participants of top three ideas were awarded with the certification of appreciation.



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.


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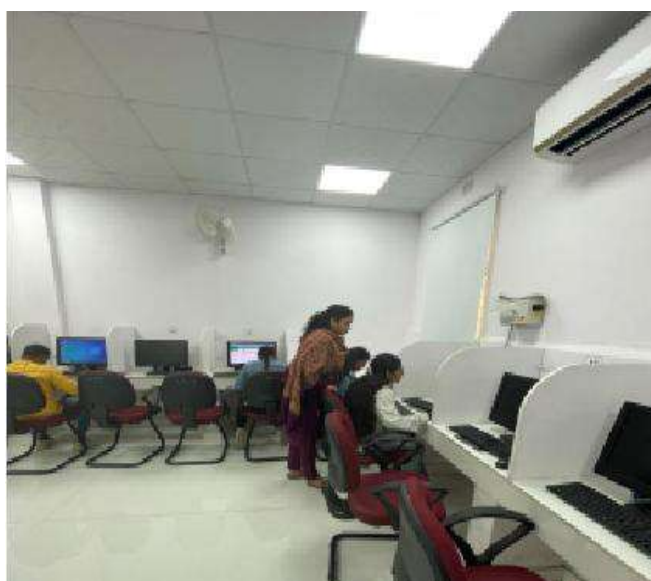
National Entrepreneurship Day

Quiz on Entrepreneurship and Business Development

9th November 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “Quiz on Entrepreneurship and Business Development” on 9th November, 2023. The quiz was conducted on the occasion of “National Entrepreneurship Day”. 115 students participated in the quiz.

Dr. Kaustubh Kumar Shukla and Dr. Pallavi Verma coordinated the event. The rules of participation in the quiz were pre-articulated to the students. All the students participated in the quiz with great keenness. Based on the performance of the students, 10 students were shortlisted for National level competition.




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Objective: To celebrate the spirit of entrepreneurship & innovation & test knowledge of entrepreneurship.

Benefits: Students gained insights into the world of entrepreneurship and encouraged students to learn more about entrepreneurship.

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Session on "Advert to Innovate: Give Wings to your Imagination"

6th October 2023

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”. Captain Manjula Katoch (Ex-Army Officer and Certified Skill Trainer) was the eminent speaker of the session. **B. Tech 2nd year students** attended the session.

The primary objective of this session was to inspire and empower students to break free from conventional thinking patterns and embrace their innate creativity. Captain Manjula Katoch commenced the session and asked all the students to dream high and strive hard to achieve goals. She motivated students to take up their project from ideation stage to prototype level then to final execution of the project.

Then she asked all the participants to explore, emphasize on problem-solving, innovation, and personal growth. Through thought-provoking discussions and real-life examples, participants were encouraged to recognize the power of imagination in shaping ideas and driving progress. Students were engaged in brainstorming exercises that challenged them to think divergently and generate novel ideas.

She also told the student's about government portals like **Startup India** and **YUKTI** where they can showcase innovative ideas to the masses. She then told government had launched many schemes like Atal Innovation Mission (AIM), SAMRIDH Scheme, and many more to create, develop, and encourage startups and entrepreneurs.



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Through the session, students were able to understand the importance of cross-disciplinary thinking in fostering imagination and also learnt about tools and techniques for enhancing creative thinking and problem-solving skills.



Objective: The objective 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.

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<https://twitter.com/DronacharyaDgi/status/1710516332041470192/photo/1>

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

9th December, 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 **9th December, 2023**. **Ms. Simran Gupta (W3villa Technologies Pvt. Ltd)** was **the speaker of the session**. 51 students attended the session.

The session aimed to cultivate entrepreneurship skills, prompting students to identify market entry strategies by addressing customer problems and proposing solutions.

Ms. Simran started the session and emphasized the importance of identifying customer problems and encouraged students to come up with original solutions. She stressed the need one should understand customer needs deeply by putting themselves in the customers' shoes. Additionally, the significance of effective packaging and branding was highlighted.

Next, she explained to students that a product or idea succeeds when it aligns with the needs of its target customers. She said, businesses can become stagnant within 3-4 years if they do not continuously innovate and cater to customer demands. Using examples of well-known companies, she illustrated how failure to achieve Problem-Solution Fit and Product-Market Fit can lead to sustainability challenges. She advised students to remain flexible and anticipate future customer needs and desires. The session promoted interactive discussions, allowing students to seek clarification on various topics.




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Objective: To make students understand the process of achieving Solution Fit and Market Fit for a product

Benefits: Students understood the significance of ongoing innovation and the development of new products for businesses to thrive and expand in the market.

Links:

Instagram : https://www.instagram.com/p/C0s9GnwBWxQ/?img_index=2

Facebook :

<https://www.facebook.com/DronacharyaGreaterNoida/posts/pfbid0kgM1Jx7nc1837XaZtqWBPZjpbR65yAKwp3N5Lo1V6tgduXB4DomBvPXAX5NyGEXSI>

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Workshop on Entrepreneurship Skills, Attitude & Behavior

27th December 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a profoundly insightful workshop on “**Entrepreneurship Skill, Attitude and Behavior**”. The esteemed speaker of the workshop was **Dr. Ritu Soryan** (Innovation Ambassador).

The workshop aimed to provide invaluable insights to **80 students** of **MBA** and **B.Tech CSIT** Department, casting light on the indispensable skills requisite for success in the entrepreneurial landscape.

The workshop unfolded as an engaging and enriching experience for the students. Dr. Ritu Soryan, drawing from her extensive expertise in the field of entrepreneurship, effortlessly captivated the audience with her profound knowledge and real-world examples.

The event kicked off with the welcome of Dr. Ritu Soryan by the students, who expressed their enthusiasm with a thunderous round of applause. Her session commenced with an overview of the significance of Entrepreneurship Skills, Attitude and Behavior in shaping a triumphant career. She underscored the pivotal role of mindset, resilience, and adaptability in navigating the challenges of the business world.

The workshop comprehensively covered various facets of entrepreneurship, encompassing risk-taking, innovation, and leadership. Dr. Soryan shared her personal experiences and case studies, providing practical insights that resonated profoundly with the aspiring entrepreneurs in the audience.

Throughout the two-hour duration, Dr. Soryan actively fostered participation and interaction with the students. The students not only relished the session but also enthusiastically engaged in the discussion by posing thoughtful questions after a video session on Entrepreneurship. Dr. Soryan's adeptness in connecting with the students and addressing their queries created a dynamic and interactive learning environment.

The workshop not only served as a platform for knowledge exchange but also instilled a heightened sense of inspiration and motivation among the students. Dr. Soryan underscored the importance of skills and the seamless amalgamation of behavior, making an individual not only adept at navigating the present scenario but also equipped with a positive mindset to achieve long-term goals and recognize hidden talents.

As the session drew to a close, the students expressed their gratitude to Dr. Ritu Soryan for her invaluable insights, and the IIC DGI team for orchestrating such a transformative workshop. The event undeniably helped the students in charting a path to success in the professional realm.



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Objective: To provide invaluable insights on the skills requisite for success in the entrepreneurial landscape.

Benefits: Understood the importance of skills & the combination of behavior and a positive mindset to achieve goals & recognize hidden talents to get success.

Link :

Instagram : https://www.instagram.com/p/C1WKj2GP_-P/?img_index=1

Twitter : <https://x.com/DronacharyaDgi/status/1739894663308300653?s=20>

Linkedin : https://www.linkedin.com/posts/dronacharya-group-of-institutions-delhi-ncr-28b379186_workshop-skills-entrepreneurship-activity-7145652388232650752-FpbN?utm_source=share&utm_medium=member_desktop

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Poster Presentation of Business Plans

25th – 27th April, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized **Poster Presentation of Business Plans** on **25th and 27th April, 2024**. The two day event was dedicated to showcasing innovative posters of the Business Plans developed by the B.Tech 3rd and final year students. The rules of the competition were pre-articulated to the participants. The event was coordinated by Prof. (Dr.) Ritu Soryan.

Day 1: 26th April, 2024

The event commenced with an opening ceremony featuring welcoming remarks by Prof. (Dr.) Arpita Gupta (Director, DGI) and an inspiring keynote address by Prof. (Dr.) S.K. Srivastava (Registrar, DGI). The students displayed their business plans on posters, covering aspects such as market analysis, product development, and competitive strategies. The posters ranged from tech startups and sustainable solutions to innovative product designs. The panel of judges gave suggestions to all the students for refining their work.

Day 2: 27th April, 2024

The second day featured continued poster presentations. Students used feedback from Day 1 to refine their posters and answers to potential questions.

Notable posters included:

1. Team Innovate: Eco-Friendly Packaging Solutions – Focused on sustainable alternatives to single-use plastics.
2. Team Tech Pulse: Smart Home Automation – Offered advanced home automation solutions integrating AI and IoT.
3. **Team Green Energy:** “Renewable Energy Solutions for Urban Areas” – Presented a comprehensive plan for integrating solar energy in city environments.
4. **Team Health Tech:** “Wearable Health Monitoring Devices” – Detailed a product designed to monitor vital signs and promote preventive healthcare.
5. Team Gamma: “Smart Agriculture Technologies” – Showcased a project aimed at optimizing crop management through IoT sensors and data analytics.
6. Team Delta: “Renewable Energy Innovations” – Presented novel approaches to harnessing renewable energy sources for residential use.

Awards were given for categories such as:

Most Innovative Idea: Team Tech Pulse

Best Appealing Poster: Team Delta

The event concluded with closing remarks by Prof. (Dr.) Ritu Soryan, thanking all participants, judges, and attendees for their contributions.



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Objective: Provided a platform to showcase innovative business plans and receive constructed feedback.

Benefits: Gained insights and refine ideas and receive constructive critique.

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Twitter: <https://twitter.com/DronacharyaDgi/status/1826152360009420902/photo/1>

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Motivational Session by Successful Entrepreneur

6th November 2023

ED Cell and Institution's Innovation Council (IIC), Ministry of Education (MoE), **Dronacharya Group of Institutions, Greater Noida** organized a “**Motivational Session by Entrepreneur**” on **6th November, 2023** to encourage students towards entrepreneurship. 115 students along with 5 faculty members attended the session. **Ms. Rashmi Aggarwal** (Co-Founder at HR Stop.com) was the speaker of the session.

The main objective of the session was to encourage the students to think in direction of entrepreneurship as career opportunities.

Ms. Rashmi Aggarwal through her rich and diverse experiences in the business realm, served as an inspiring figure for the participants, sharing insights into the world of entrepreneurship. She not only introduced the concept of entrepreneurship but also shed light on the essential traits that define successful entrepreneurs. Throughout the session, she emphasized a crucial rule to the participants: rather than passively waiting, entrepreneurs must actively seek out opportunities.

Ms. Rashmi said, it was the necessity for entrepreneurs to have a clear understanding of their products. She highlighted ignorance about one's own products can pose a significant challenge and potentially lead to business failure. Additionally, she stressed the importance of staying informed about the business market, ensuring entrepreneurs are up-to-date with trends and changes.

Moreover, Ms. Rashmi underlined the vital task of identifying customer needs and desires. Understanding the market and customer preferences is pivotal for entrepreneurs to develop products and services that truly resonate with their target audience.

The session ended up with an engaging Q&A session, where students had the opportunity to interact with Ms. Rashmi.



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Objective: To encourage students to think in direction of entrepreneurship as career opportunities.

Benefits : Students understood the journey of being an entrepreneur & difficulties & challenges they will encounter and how to handle such types of situations.

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Session on “National Startup Day”

16th January, 2024

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a session on ‘Scaling Your Startup: Strategies and Best Practices’ on the occasion of “National Startup Day” for B. Tech 3rd Year Students on 16th January, 2024. The eminent speaker of the session was **Mr. Chaitanya Handa (Project Manager, Operations AI SoftAge)**

The session aimed at igniting the entrepreneurial spirit among students, offering them valuable insights, knowledge, and inspiration to embark on their own startup journeys. The session's primary objective was to equip students with the tools and mindset necessary to transform innovative ideas into viable businesses.

The session started with a keynote speech from Prof. (Dr.) Arpita Gupta (Director, DGI) followed by motivational speech by Mr. Chaitanya Handa. The session highlighted the journey from idea conception to building a successful business, discussing the challenges encountered and the lessons learned along the way. The narrative was intended to motivate students and show them the tangible steps involved in launching a startup. Students also learned how to create a business plan and pitch it effectively to potential investors. Students also learned how to access startup grants, participate in competitions, and leverage support systems to bring their ideas to life.

The session inspired and empowered students to become the innovators and entrepreneurs of tomorrow. The college aimed to create a supportive environment where students feel confident to take bold steps toward building the startups of the future.




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Objective: To inspire entrepreneurial mindset, provide startup skills, and connect students with mentors.

Benefits: Students gained practical startup insights, access resources, boost confidence in entrepreneurship.

Instagram : https://www.instagram.com/p/C_DPv5nPc51/?hl=en&img_index=1

Twitter : <https://twitter.com/DronacharyaDgi/status/1827305349403308278/photo/1>

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Workshop on "Importance of Goal Setting for Emerging Young Entrepreneurs"

16th - 18th October 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE) and Entrepreneurship Development Cell, Dronacharya Group of Institutions, Greater Noida organized a workshop on “Importance of Goal Setting for Emerging Young Entrepreneurs” from 16th - 18th October 2023 for 3rd year students. **Capt. Manjula Katoch** was the keynote speakers for the workshop.

Dr. Ritu Soryan (Innovation Ambassador) welcomed **Capt. Manjula Katoch** and presented her a sapling. She gave a brief introduction of the guest and offered the dais to her.

Capt. Manjula started the session and briefed students the concept of entrepreneurship and its importance for the growth of the country. Further she explained students by giving examples of number of entrepreneurs excelling in India. In her session she highlighted the funding support provided by the government to develop startups and the opportunities which are open to the students. She advised students, if they were planning to become entrepreneur they should always identify the right opportunities.

Moving the session, she described the skills and qualities required for the entrepreneurs and she stressed on importance of setting goals properly. Capt. Manjula explained the importance of goal setting for an entrepreneur in the present day situation.

In her speech she emphasized that, once you have your goals articulated, take some time to turn them into a creative and artistic visual. She said goal setting is important for number of reasons: goal setting provides clarity and focus, goal setting helps in identifying the progress and goal setting helps you stay motivated.

She said, goal setting is critical for success. She said who set goals are more likely to achieve their desired outcomes. In the end, Capt. Manjula answered the queries of the students. Students gave their feedback at the end of the session.



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Links : https://www.instagram.com/p/CzA3R28PFLZ/?img_index=4

<https://twitter.com/DronacharyaDgi/status/1714494934516908142/photo/1>

Objective: To empower young entrepreneurs with the knowledge & skills to effectively set & achieve their goals

Benefits: participants understood the importance of goal setting, how to set effective goals and strategies for overcoming challenges.

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Session on “Opportunities for Entrepreneurship in India”

24th June, 2023

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an enlightening session on **24th June, 2023**, titled “**Session on Opportunities for Entrepreneurship in India**” under the guidance of **Ms. Nancy Mary Prakash (Acxiom Consulting)**. The session aimed to inspire and guide aspiring entrepreneurs by shedding light on the current entrepreneurial landscape in the country and discussing the emerging sectors.

The event commenced with a warm welcome by **Prof. Sanghamitra V Arora, IIC Convenor**, she emphasized on the importance of fostering an entrepreneurial spirit among students and highlighting the role of innovation in driving India's economic growth. Later, Ms. Nancy Mary Prakash shared her career journey in India and underscored the critical role of innovation and perseverance in overcoming challenges. She emphasized that the Indian market is ripe with opportunities across various sectors due to rapid digitization, increasing consumer demand, and government initiatives to support startups. Session included a thought-provoking conversation on the current trends in entrepreneurship and the sectors that hold immense potential for new businesses. The discussion covered topics such as:

Technology and AI: The rise of technology-driven businesses, including artificial intelligence, data analytics, and blockchain. She emphasized that India's pool of skilled tech professionals provides a competitive advantage in this domain.

Healthcare and Biotechnology: The speaker discussed the increasing demand for healthcare solutions, especially in the wake of the global pandemic and highlighted the opportunities in telemedicine, medical devices, and biotech startups.

Sustainability and Clean Energy: The importance of sustainable business models and clean energy solutions was highlighted. The speaker emphasized that environmentally conscious startups have the potential to make a significant impact while also being economically viable.

E-commerce and Retail: With the growing e-commerce market in India, the speaker discussed the potential for niche ecommerce platforms and innovative retail solutions.

Agri-Tech: The discussion also covered the role of technology in transforming the agricultural sector, with a focus on precision farming, supply chain optimization, and agri-marketplaces.



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The session concluded with a networking session, allowing students to ask questions and seek personalized advice from the speaker, further enriching their understanding of entrepreneurship in India. The event ended with a vote of thanks from **Prof Sanghamitra V Arora, IIC Convenor.**

Objective: To inspire and guide aspiring entrepreneurs and discuss the emerging sectors.

Benefits: Students learnt an insight of current trends in entrepreneurship and knowledge of sectors that hold immense potential for new businesses.




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Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs

15th July, 2023

Institution's Innovation Cell (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida hosted an insightful and engaging event on **15th July, 2023**, titled "**Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs.**" The event aimed to provide a comprehensive understanding of the crucial aspects of angel investment and venture capital funding, catering to early-stage entrepreneurs eager to take their startups to the next level.

An illuminating keynote address was delivered by **Prof. Richa Jaiswal**. She highlighted the significance of angel investment and venture capital funding in driving innovation and startup growth. She explained, VC Funding or venture capital funding is capital that you get from investment groups that work with startups and small businesses. These groups oversee the money of investors who want to invest in companies with strong growth potential in exchange for an equity share in the business. VC funding is one way for small businesses to get money to start or grow business. She also explained the strategies to be used for crafting compelling pitches, understanding investor expectations, building a sustainable business model, establishing valuable relations with the investors and best practices for securing funding.

The event received overwhelmingly positive feedback from attendees. Participants expressed their gratitude for the valuable insights shared by the speaker, the in-depth knowledge they received, and the clarity they gained about the investment landscape.

Objective: The session educated students on early-stage start-up and funding strategies.

Benefits: The aspiring entrepreneurs learned valuable knowledge. They were better able to understand the various facets of funding.



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Bootcamp on “Successful Entrepreneurs: Challenges and Opportunities”

10th – 12th April, 2024

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized **Bootcamp** on “Successful Entrepreneurs: Challenges and Opportunities” from **10th – 12th April, 2024**. Prof. (Dr.) S.K. Srivastava (IIC Member) coordinated the event. B.Tech 2nd, 3rd and Final Year Students participated in the Bootcamp.

Day 1: Expert talk on Innovation-Incubation-Entrepreneurship - 10th April, 2024

The day began with an opening address by Prof. (Dr.) S.K. Srivastava (IIC Member), introduced participants to the theme of the Bootcamp and setting the tone for the next three days. Mr. Anay Pathak (Global Business Director – Dell Technologies) delivered a keynote speech on "Innovation, Incubation, and Entrepreneurship. The talk covered:

- The importance of innovation in driving entrepreneurial success.
- The incubation process: turning ideas into startups.
- Real-world examples of successful businesses that began as innovative ideas.
- The challenges faced by entrepreneurs during the incubation phase and strategies to overcome them.

Participants had the opportunity to engage with the expert, ask questions, and discuss their ideas and challenges. The day concluded with a networking session, allowed participants to connect with each other, the speaker, and potential mentors.

Day 2: Case Study Competition – 11th April, 2024

Day 2 was designed to provide participants with practical insights into the challenges and opportunities of entrepreneurship through a competitive case study analysis. The day began with an introduction to the selected case studies, which focused on real-world entrepreneurial challenges. Participants were divided into teams, each assigned a specific case study to analyze. The teams were given time to discuss, analyze, and prepare their solutions. The judges provided feedback on each presentation, highlighting strengths and areas for improvement.

Day 3: Ideation session and pitching of ideas – 12th April, 2024

The final day of the Bootcamp was dedicated to fostering creativity and encouraging participants to develop and pitch their own entrepreneurial ideas. The day started with an ideation workshop, where participants were guided through brainstorming techniques to generate innovative business ideas. The session emphasized creativity, market needs, and potential impact.

After the ideation session, participants refined their ideas with the help of mentors and peers. They focused on developing a clear value proposition, identifying target markets, and outlining a basic business model. Participants prepared a pitch for their refined ideas, focused on clarity, impact, and persuasiveness. Each participant or team had the opportunity to pitch their idea to a panel of judges. The pitches were evaluated based on innovation, market potential, and execution plan.

The Bootcamp concluded with a closing ceremony, where the best pitches were recognized and awarded. Participants received certificates of completion.





Objective: To guide students how to become successful entrepreneurs, its challenges and opportunities

Benefits: Students understood Innovation-Incubation-Entrepreneurship and got a platform to pitch their ideas and had case study of entrepreneur.

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Innovation & Entrepreneurship Outreach Program

18th January, 2024

Institutions Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida conducted an “**Innovation & Entrepreneurship Outreach Program**” for school students of ‘**Government Inter College , Nandgram** on 18th January, 2024. The theme for the program was “Future Creators: Innovate, Build, Transform” **Dr. Kaustubh Kumar Shukla (Innovation Ambassador, DGI)** conducted the session at college campus. 11th & 12th Grade Students of the school attended the program.

The objective of the program was to spark interest in STEM fields and entrepreneurship among high school students and provide hands-on experience with cutting-edge technologies.

Dr. Kaustubh Kumar Shukla explained the concept of Innovation by way of presentations. He 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. He also asked students to be conscious for the environment and also start pondering for various means to make the Earth a safer and greener place to live. 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, he mentioned the contributions of Dronacharya Group of Institutions, Greater Noida towards promoting research and innovation activities. He also guided students about various career prospects available.

It was an interactive session and students empowered to see themselves as capable of creating future solutions.



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Objective: To inspire innovation and foster entrepreneurship.

Benefits: Students gained tech skills, business acumen, and creative confidence.

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BOOT CAMP

Catalyst for Creativity: A Deep Dive into Innovation, Prototyping, and Startups

18th -20th January 2024

Institutions' Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a bootcamp on “Catalyst for Creativity: A Deep Dive into Innovation, Prototyping, and Startups” from 18th -20th January 2024. 150 students attended the bootcamp.

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

Day 1 (18th Jan 2024): Session on “What are the challenges in the Startups”

On the first day of bootcamp, a session on “What are the challenges in the Startups” was organized. Mr. Jitender Kumar (DGM – North and East Region – Seco Tools and India Pvt. Ltd.) was the resource person of the session. Mr. Jitender Kumar emphasized, startups do not only fulfill the dreams of young aspiring entrepreneurs but also bring economic stability for a nation. Thus it is important to discuss the challenges that lead to failure of a startup.

He proceeded to outline the primary challenges encountered by Indian startups in the market. A significant cause of startup failure, as Mr. Kumar highlighted, is a misalignment with market demand. He informed the students, 42% of startups in India fail because there is no genuine need for their product. Mr. Kumar emphasized the importance for entrepreneurs to thoroughly analyze market needs and develop solutions accordingly. Furthermore, Mr. Kumar discussed the common struggle of aspiring entrepreneurs to secure funding for their ventures. Despite having promising ideas, many find it challenging to identify suitable technical partners to bring their products to life. He also underscored the necessity of forming a cohesive team that shares a unified vision. Unfortunately, startups in India often struggle to overcome these obstacles, leading to their downfall in the initial stages.

The session ended with a vote of thanks from the (Prof.) Dr. S.K. Srivastava (Registrar). He thanked Mr. Jitender for the enlightening session. The students were excited and inspired by the informative session.

Day 2 (19th Jan 2024): Exposure Visit

On the second day of the bootcamp an exposure visit was organized to Supreme Industries Ltd with an objective to provide an ample knowledge innovation and growth and to cultivate knowledge and


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insight into key areas such as marketing strategies, operations and research and development (R&D).

Day 3 (19th Jan 2024): Debate Competition

On the third day of boot camp a debate competition on topic “**Unicorns vs. Small Businesses: Balancing Growth and Sustainability**”

Students were divided into two groups. **Group A:** Argues that India should focus on creating more unicorn startups to compete globally and attract investment. **Group B:** counters, advocating for the importance of nurturing small and medium enterprises (SMEs) for job creation and local economic development.

The debate intensified during the rebuttal phase, with both teams presenting compelling arguments to refute their opponents' claims. Team A countered by emphasizing the potential for unicorns to drive technological disruption, while Team B highlighted the risks of over-reliance on unicorns and the importance of supporting grassroots entrepreneurship.

The panel of judges deliberated on the arguments presented by both teams. After careful consideration, Team B advocating for small businesses was declared the winner for their compelling case on the importance of local economies, sustainability, and community impact.



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

Benefits: students were motivated towards entrepreneurship, its challenges and how to transform idea into startup.

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Workshop on Business Model Canvas (BMC)

7th – 8th March, 2024

Institution's Innovation Council, (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a **Workshop on “Business Model Canvas (BMC)”** on **7th – 8th March, 2024**. The eminent **trainer** of the workshop was **Ms. Shilpa (Softage Information Technology Ltd.)**. **B.Tech 3rd year students** of all branches attended the workshop.

The workshop was designed to provide engineering students with a comprehensive understanding of how to conceptualize, develop, and analyze business models. Recognizing that innovation and entrepreneurship are key skills for engineers, the workshop aimed to equip participants with the tools to translate their technical ideas into viable business models.

On Day 1, the workshop began with an introductory session on the Business Model Canvas. The facilitator explained the significance of BMC as a strategic management tool, used to visualize and develop business models. The interactive session encouraged students to think critically about the various elements that contribute to a successful business. The day concluded with a hands-on session where students began working on their own business ideas. Using the BMC, they started outlining the initial concepts for their startups. Mentors were available to provide guidance and feedback.

On Day 2, the session focused on refining the business models developed on Day 1. Participants were guided on how to validate their assumptions, test their models, and make necessary adjustments. The concept of the Minimum Viable Product (MVP) was introduced as a way to test ideas with minimal resources. Each student presented their ideas in front of panel of judges. The presentations were followed by a Q&A session, where the judges provided constructive feedback. The exercise not only helped participants improve their business models but also enhanced their presentation and pitching skills.



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Objective: Equip engineering students with BMC skills to turn technical ideas into successful businesses.

Benefits: Students learned to refine presentation and pitching skills and create viable business models.

Link :

https://www.instagram.com/p/C_nRXAqvthA/?hl=en

<https://twitter.com/DronacharyaDgi/status/1832377372156256497/photo/1>

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Guest Lecture on Entrepreneur Talk

6th May, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE) and ED Cell, Dronacharya Group of Institutions, Greater Noida organized “**Entrepreneur Talk**” for the students of MBA and B.Tech on **6th May, 2024**. The session boasted illustrious keynote speaker, Mr. Kartik, the visionary founder of Cosy Toys, who took center stage to impart their wisdom on the topic, “Crafting Success: Empowering Minds through Practical Entrepreneurship Insights”. Ms. Aarti Mohan, MBA First year student anchored the event with finesse.

The event unfurled with the gracious welcome extended to the distinguished speaker by Prof. (Dr.) Arpita Gupta (Director, DGI.) A gesture of gratitude resonated through the presentation of saplings by Director DGI and Prof. (Dr.) S.K. Srivastava (Registrar, DGI), symbolizing the nurturing of entrepreneurial endeavors and the promise of growth.

In the course of his presentation, Mr. Kartik and Mr. Jyotish unfolded a treasure trove of invaluable insights gleaned from their arduous entrepreneurial journey. They delved into the intricacies of establishing and scaling a business in the cutthroat landscape of soft toy manufacturing and distribution, candidly addressing the hurdles encountered in the nascent stages and articulating the strategic maneuvers that propelled them forward.

A pinnacle moment of the session transpired with the revelation of their latest stress-relief product line, igniting fervor and curiosity among the attendees. The interactive demonstration by Cosy Toys team captivated both students and faculty members alike. The founder shared his personal narratives, recounted the inception of their venture devoid of substantial backing, yet brimming with determination to conquer challenges, a narrative that resonated deeply with the aspiring entrepreneurs in the audience.

The crescendo of the event was a harmonious conclusion, marked by a heartfelt vote of thanks delivered by Prof. (Dr.) Ritu Soryan (IIC Member), expressing gratitude to all participants for their fervent engagement. Candid photographs immortalized the shared moments of enlightenment and inspiration, encapsulating the essence of the occasion.

The Entrepreneurship Talk catalyzed a ripple effect, stirring the entrepreneurial fervor within the academic community, furnishing actionable insights and a surge of motivation for future ventures in the realms of business and innovation.



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Objective: Make student learn from a successful entrepreneur, gain insights & inspiration from their journey.

Benefit: Gain practical insights into the entrepreneurial journey and understood the key characteristics and skills required to be a successful entrepreneur.

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Exposure visit to Startup Mahakumbh

18th – 20th March, 2024

60 students along with **Dr. Aadarsh Malviya** from **Dronacharya Group of Institutions, Greater Noida** in batches of 20 each attended **three days program “Startup Mahakumbh”**, first-of-its-kind event in terms of vision and magnitude, scheduled from **18th – 20th March, 2024** at the iconic Bharat Mandapam in New Delhi.

The first day started with registration and stall allocation to showcase the project and the Ideas. The event had participation from more than 1000 high-potential startups from India and the globe, with key global and Indian stakeholders such as unicorn startups, global and domestic venture capitalists, corporates, and industry leaders.

The Exhibition at Startup Mahakumbh started just after the registration and stall allocation. Students gained unparalleled visibility and access to key stakeholders from the Startup Ecosystem like angel investors, alternative investment funds, family offices, HNIs, bankers, academic, corporate and ecosystem-driven incubators, accelerators, captains of industry, government agencies, and the international community.

There were 10 thematic pavilions focused on industries like Deeptech, AI & SaaS, Fintech, Agritech, Biotech & Pharma, Climate Tech, Gaming & E-Sports, D2C, B2B & Manufacturing, and Incubators. Students gained valuable insights into the lifecycle of a startup, from ideation to scaling, as successful entrepreneurs shared their journeys, offering real-world examples of innovation, perseverance, and adaptability. The exhibition area hosted a wide range of startups from various industries, including technology, healthcare, and sustainability. Students had the opportunity to explore these ventures, engage with startup founders, and learn about the role of disruptive technologies such as artificial intelligence, blockchain, and the Internet of Things in modern business models.

The Prime Minister, Shri Narendra Modi addressed the Start-up Mahakumbh at Bharat Mandapam on 20th March. He also took a walkthrough of the exhibition showcased on the occasion. Addressing the gathering, the Prime Minister highlighted the importance of Start-up Mahakumbh and emphasized the country’s roadmap of working to become a Viksit Bharat by 2047. The Prime Minister highlighted India's making a mark in the IT and software sector in the last few decades and underlined the emerging trends of innovation and start-up culture. Therefore, the Prime Minister said, the presence of people from the world of start-ups underlines the importance of today’s occasion. Dwelling on the success of start-ups in the country, the Prime Minister drew attention to the genius element that makes them successful. He acknowledged the presence of investors, incubators, academicians, researchers, industry members, and present and future entrepreneurs and said, “This is indeed a Mahakumbh in its truest form creating an unprecedented energy and vibe.” The Prime Minister mentioned experiencing the same vibe when he was visiting the sports and exhibition stalls where people showcased their innovations with great pride.



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Objective: To inspire engineering students with insights into startups and innovation.

Benefits: Students got the exposure to startups, networking, innovation insights, and career-building opportunities.

Session on “How to plan for Start-up and Legal and Ethical Steps”

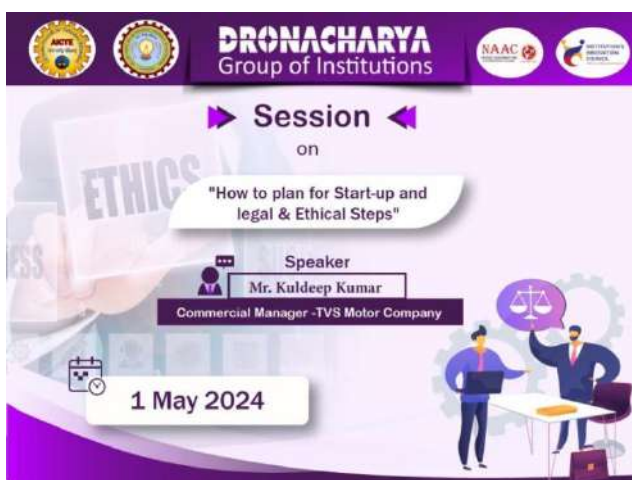
1st May, 2024

Institution’s Innovation Council (IIC), Ministry of Education (MoE), and Entrepreneurship Development (ED) Cell, Dronacharya Group of Institutions, Greater Noida organized a **Session on “How to plan for Start-up and Legal and Ethical Steps”** on **1st May, 2024**. The distinguished **speaker** of the session was **Mr. Kuldeep Kumar** (Commercial Manager – TVS Motor Company). Final Year B. Tech and MBA students attended the session.

The session began with an overview of the start-up ecosystem, emphasizing the significance of having a clear vision and mission. Mr. Kuldeep Kumar highlighted the dynamic nature of start-ups and the need for innovative thinking and adaptability. He highlighted the importance of a well-thought-out business plan. Key components such as market research, value proposition, and competitive analysis were discussed in detail. Further, he provided practical tips on how to refine a business model and set realistic goals.

A significant portion of the session focused on the legal requirements for starting a business. The speaker outlined the various legal structures (e.g., sole proprietorship, partnership, LLC, corporation) and their implications. Important topics such as business registration, intellectual property rights, and contracts were also briefed to the students. The speaker discussed the importance of maintaining integrity, transparency, and fairness in all business dealings. Topics included ethical decision-making frameworks and strategies for fostering a positive company culture.

Lastly, Q&A segment helped the students to clear doubts and receive clear explanations by the speaker.



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Objective: To guide aspiring entrepreneurs on business planning, legal requirements, and ethical practices.

Benefits: Students gained key insights on business planning, legal compliance, and ethical start-up practices.

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Workshop on Prototype/Process Design and Development

5th – 6th April, 2024

Institution's Innovation Council, (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a Workshop on “Prototype/Process Design and Development” on 5th – 6th April, 2024. The eminent trainer of the workshop was Mr. Vikrant (Maverick Quality Advisory Services Pvt. Ltd.) B.Tech 2nd year Students from all branches of engineering attended the workshop.

The first day of the workshop focused on laying the foundation for effective prototype design. Students were introduced to the basic principles of prototyping, including the importance of material selection, design accuracy, and the use of modern tools such as CAD software and 3D printing. The morning sessions were a mix of theoretical discussions and demonstrations of prototyping techniques. In the afternoon, students were engaged in hands-on activities where they were tasked with creating simple prototypes based on a given design challenge. Working in groups, they applied the concepts they had learned earlier in the day, experimenting with different materials and tools to bring their ideas to life. Mentors provided guidance throughout the process, offered insights on how to overcome common challenges in prototyping.

The second day was dedicated to process design and the refinement of prototypes. They learned about process optimization, sustainability, and the importance of iterative testing in both design and process development. As the day progressed, students continued to work on their prototypes, applied the process design concepts they had learned to improve and finalize their creations. A panel of experts evaluated the projects, provided constructive feedback and encouraged students to think about the real-world applications of their designs.

The workshop successfully equipped engineering students with essential skills in prototype and process design, offered a valuable blend of theoretical knowledge and practical experience. The event concluded with participation certificate distribution ceremony.



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Objective: To equip students with practical skills in prototype and process design.

Benefits: Students gained hands-on experience, learn real-world applications, and enhanced design and process development skills.

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Celebration of National Technology Day

11th May, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida celebrated “National Technology Day” on **11th May, 2024**. **55 B.Tech students** from ECE and ME departments participated in the lecture delivered by Ms. Mokshi Khatana (Faculty, DGI). The day was celebrated to commemorate the historic Pokhran nuclear tests conducted by the Indian Army in Rajasthan in 1998.

The event highlighted the theme, 'From Schools to Startups: Igniting Young Minds to Innovate,' encouraged young innovators to explore and advance in the world of technology. It was an inspiring day filled with discussions and insights, all geared towards shaping the future of tech. The lecture emphasized the pivotal role that engineers play in national progress. Ms. Mokshi encouraged students to take pride in their profession, as engineers have the power to solve complex challenges and drive economic growth. To connect with students, Ms. Mokshi highlighted current technological trends that are revolutionizing industries, such as Artificial Intelligence (AI), the Internet of Things (IoT), renewable energy, and 5G technology. Students were urged to keep up with these advancements and actively participate in research and innovation in these fields. Special focus was placed on how technology can solve societal problems, such as smart cities to tackle urbanization issues or green technology for environmental sustainability.

A portion of the lecture was dedicated to celebrating India's achievements in technology. From advancements in space technology by ISRO to innovations in healthcare and education, the faculty outlined India's journey as an emerging tech leader. She encouraged students to pursue not only careers in engineering but also entrepreneurship, highlighting the importance of startups and innovation under the banner of *Make in India* and *Startup India* initiatives.

Lastly, students were reminded that their engineering education is not just about acquiring technical skills but about becoming problem-solvers who can innovate for the betterment of humanity.



Objective: To inspire students to embrace technology for national growth and innovation.

Benefits: Students enhanced tech skills, innovation mindset, and were prepared for future challenge

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Technical Session on

“Women Should Consider Entrepreneurship as Career Option”

8th March, 2024

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 8th March, 2024. The keynote speaker of the session was Ms. Manisha Zaveri (Joint Managing Director, Career Mosaic). Girl students of the college attended the session.

Dr. Ritu Soryan (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.



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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 :

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Instagram: <https://www.instagram.com/p/C-CwYuDPsBM/?hl=en>

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Intra Institutional Start-up Competition and Rewards for Best Start-ups

24th – 26th July, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an event titled "**Intra Institutional Start-up Competition and Rewards for Best Start-ups**" from 24th – 26th July, 2023. The event was managed through YUKTI-NIR. The event was meticulously designed to foster innovation, entrepreneurship, and collaborative spirit among aspiring entrepreneurs within the institution.

Key Objectives:

Promoting Innovation: By hosting a start-up competition, the event aimed to ignite the spirit of innovation and creativity among students and faculty members.

Encouraging Entrepreneurship: The competition was a platform for nurturing entrepreneurial talents, enabling participants to transform their ideas into viable business proposals.

YUKTI-NIR Implementation: The event provided a hands-on experience with the YUKTI-NIR platform, enhancing participants' understanding of its functionalities and advantages.

Event Highlights:

The event spanned across three action-packed days, featuring an array of activities designed to inspire, educate, and recognize outstanding start-up initiatives. The event comprised of the following:

Boot Camp Sessions: A series of insightful boot camp sessions were conducted by industry experts, guiding participants through the essential elements of crafting a strong business plan, pitching ideas effectively, and understanding market dynamics.

Start-up Pitching: Aspiring entrepreneurs enthusiastically presented their start-up ideas to a panel of judges comprising seasoned investors and mentors. The presentations showcased a diverse range of innovative concepts across various domains.

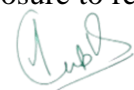
Expert Panels: Engaging panel discussions featured distinguished entrepreneurs, investors, and industry leaders who shared their expertise on building successful start-ups, navigating challenges, and leveraging available resources.

Networking Opportunities: Attendees had the chance to interact with like-minded individuals, mentors, and potential collaborators, fostering an environment of collaboration and idea exchange.

YUKTI-NIR Workshop: A dedicated workshop familiarized participants with the YUKTI-NIR platform, demonstrating how it can streamline the management of innovative initiatives, funding applications, and institutional partnerships.

Rewards and Recognition: The highlight of the event was the announcement of winners in various categories, rewarding the best start-up ideas with cash prizes, mentoring opportunities, and recognition within the institution.

The event received enthusiastic participation from students, faculty, and other stakeholders. Participants expressed their appreciation for the holistic learning experience, exposure to real-world



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entrepreneurship dynamics, and the opportunity to showcase their innovative ideas. The event ended with a vote of thanks by **Prof. Sanghamitra V Arora, IIC Convenor.**

Objective: Platform for nurturing entrepreneurial talents & transform ideas into viable business proposals.

Benefits: Participants gained hands-on experience enhancing understanding of its functionalities and to foster innovation, entrepreneurship spirit.



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

4th August, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized session on “Accelerators/Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs.” The orator of the session was Sqn Ldr (Retd) Anjali Joshi. 85 students attended the session.

She explained the difference between Incubator & Accelerator and explained what incubator & Accelerator does. She further added the services/offereings by an incubator & accelerator in terms of infrastructure, Tech credits, knowledge services, proven partner network at discounted prices, software product advisory, product development, CTO Services & fund syndication, portfolio support, product validation & grants & Funds. For raising Capital, she suggested many grants in the form of Govt. schemes (BIRAC, DST, MEITY, State Govt. Programs, Patent reimbursements), CSR & corporate Grants, Awards & Competitions etc. She explained the concept of Pre-incubation to the students as well. The session also encouraged the students to innovative business ideas for their entrepreneurial development in future.

At last, 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.

Objective: To make the students understand how Incubation plays a major role in supporting start-ups.

Benefits: Session helped the participants to get the idea of startup ecosystem, Incubators and the funding facilities.



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Session on “Importance of Frugal Innovation for Start-ups”

17th – 19th August, 2023

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a **Session on “Importance of Frugal Innovation for Start-ups”** from **17th – 19th August, 2023**. The keynote speaker of the session was Mr. Sanjeet Kumar (Trainer). **80 students** attended the 3 day theoretical and practical session.

Day 1: Understanding the Foundations of Frugal Innovation

The session began with the introduction of the speaker by Session coordinator Dr. Kaustubh Kumar Shukla. He gave a brief introduction of the speaker and offered the dais to him. Mr. Sanjeet Kumar started the session by explaining about the concept of frugal innovation that has emerged as a powerful tool for startups not only to survive but thrive. He said, in the dynamic landscape of entrepreneurship, startups often find themselves grappling with resource constraints, limited budgets, and a pressing need to stand out in competitive markets.

He further elaborated the concept of Frugal innovation, often associated with the term "Jugaad" in India, refers to the practice of creating high-value, cost-effective solutions with minimal resources. It involves finding ingenious ways to do more with less and optimizing every available resource, whether it's time, money, or materials. It is not about compromising on quality but about achieving maximum impact with limited means.

He continued the session by throwing light upon the importance of Frugal Innovation for Startups Viz: Cost-Effective Solutions, Rapid Prototyping and Iteration, Market Penetration, Sustainability and Social Impact, Agility and Resilience, Global Competitiveness, etc.

Day 2: Strategies and Implementation of Frugal Innovation

A workshop was conducted on designing a frugally innovative solution with user feedback by the eminent speaker Mr. Sanjeet Kumar. It was followed by throwing light upon Real-world case studies of successful startups using frugal innovation. The second part of the workshop included group discussion and identifying opportunities for frugal innovation in startup followed by Q&A and group sharing.

A hands on exercise on creating a lean canvas for startup and sharing of canvas results was also performed by the participants. Students were asked to prepare a User-Centric Design keeping in mind the importance of customer needs. The design was critically examined by trainer and feedback was shared for making the design more feasible.

Day 3: Practical Implementation and Sustaining Innovation

On the third day, participants present their frugally innovative solutions/designs to the audiences comprising of peer groups and faculty members. The same were evaluated and the winners were awarded with certificates.

Throughout the three-day session, opportunities for networking, group discussions, and hands-on activities to ensure participants gain practical insights and actionable steps to implement frugal innovation in their startups were observed.

Objective: To make students understand the importance of Frugal Innovation for Start-ups.

Benefits: Students gained the knowledge and tools needed to thrive in resource-constrained environments while delivering value to their customers.



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DRONACHARYA
Group of Institutions

Session On
"Importance of Frugal Innovations
for Start-ups"

DATE :
17th-19th August
2023

Trainer
Mr. Sanjeet Kumar



Director
Dronacharya Group of Institutions
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Session on Innovative Thinking: A Key to Problem Solving and Success

26th February 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on **“Innovative Thinking: A Key to Problem Solving and Success”** on **26th February 2024**. **Dr. S.K Srivastava (Innovation Ambassdor)** was the expert speaker of the session. 55 students attended the session.

The objective of the session was to equip participants with innovative thinking skills to enhance problem-solving capabilities and achieve success.

The session began with an overview of what innovative thinking entails. Dr. S.K Srivastava explained, innovative thinking involves approaching problems from new angles, challenging existing assumptions, and being open to unconventional ideas. Students were introduced to real-life examples of innovative solutions that have revolutionized industries and solved complex societal issues.

Dr. Srivastava said creativity is the foundation of innovative thinking. The speaker demonstrated how creativity can unlock new perspectives and solutions to problems that seem unsolvable with traditional methods. Examples from history, such as inventions like the lightbulb and the internet, were used to illustrate how creative thinking paved the way for these innovations. A brainstorming activity followed, allowing students to practice generating creative ideas on a hypothetical problem.

The session was very engaging for the students fostering a deeper understanding of the importance of creativity in addressing challenges. The interactive activities provided students with valuable tools to develop innovative thinking skills, which will serve them well in their academic pursuits and future careers.



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Objective: Equip students with innovative thinking skill to enhance problem-solving capability & achieve success

Benefits: Understood the importance of innovation & were provided with valuable tools to develop innovative thinking skills, which will help in future careers.

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Exposure Visit to design Center - Askay Solutions

13th December, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an Exposure Visit to Design Center (Askay Solutions) on 13th December, 2023. 2nd and 3rd year B.Tech students went for the visit along with Dr. Kaustubh Kumar Shukla. The industrial visit was meticulously orchestrated to facilitate learning and practical exposure for the students. The visit aimed to expose students to real-world design practices, cutting-edge technologies, and the professional environment that fosters innovation. The company, known for its expertise in the manufacturing, assembling, and distribution of premium quality trigger sprayers, flip top caps, and closures in the NCR area, provided a rich educational experience.

The visit began with an introductory session where the students were briefed on the design process followed at *Askay Solutions*. The presentation covered everything from conceptualization to prototyping and final product delivery. Students learned about the importance of understanding customer needs, defining project specifications, and iterative design improvements. Students were then introduced to the array of advanced design software used by professionals at *Askay Solutions*, including CAD (Computer-Aided Design), CAM (Computer-Aided Manufacturing), and simulation tools. Experts at the center demonstrated how these tools facilitate the design and testing of high-precision components used in industries like aerospace and automotive.

A major highlight of the visit was the tour of the prototyping and 3D printing lab. Students observed how rapid prototyping technology is used to create physical models from digital designs, allowing for quick testing and iteration. The group was also shown some of the live projects currently underway at *Askay Solutions*. Students got a glimpse of the challenges and solutions in designing components for high-stakes industries.

The team at *Askay Solutions* also took time to interact with students, providing valuable industry insights and career guidance. They emphasized the importance of innovation, staying updated with new technologies, and continuously improving technical skills. The students were encouraged to think creatively and consider careers in design and engineering.



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Objective: To expose students to real-world design tools and professional practices.

Benefits: Students gained practical insights, industry exposure, and career inspiration in design engineering.

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Session on “Lean Start-up & Minimum Viable Product/Business”

1st May, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), and Entrepreneurship Development (ED) Cell, Dronacharya Group of Institutions, Greater Noida organized a Session on “Lean Start-up & Minimum Viable Product/Business” on 1st May, 2024. The distinguished **speaker** of the session was **Mr. Kuldeep Kumar** (Commercial Manager – TVS Motor Company). Final Year B. Tech and MBA students attended the session.

The session began with an overview of the start-up ecosystem, emphasizing the significance of having a clear vision and mission. Mr. Kuldeep Kumar highlighted the dynamic nature of start-ups and the need for innovative thinking and adaptability. He highlighted the importance of a well-thought-out business plan. Key components such as market research, value proposition, and competitive analysis were discussed in detail. Further, he provided practical tips on how to refine a business model and set realistic goals.

A significant portion of the session focused on the legal requirements for starting a business. The speaker outlined the various legal structures (e.g., sole proprietorship, partnership, LLC, corporation) and their implications. Important topics such as business registration, intellectual property rights, and contracts were also briefed to the students. The speaker discussed the importance of maintaining integrity, transparency, and fairness in all business dealings. Topics included ethical decision-making frameworks and strategies for fostering a positive company culture.

Lastly, Q&A segment helped the students to clear doubts and receive clear explanations by the speaker.



Objective: To guide aspiring entrepreneurs on business planning, legal requirements, and ethical practices.

Benefits: Students gained key insights on business planning, legal compliance, and ethical start-up practices.

World Entrepreneurs Day: Case Study Competition

21st August 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), of Dronacharya Group of Institutions, Greater Noida organized a “**Case Study Competition**” on the occasion of **World Entrepreneurs Day** celebrated on **21st August 2023**. 56 students participated in the event.

The competition aimed to encourage strategic thinking, and entrepreneurial mindset among the participating students, offering them a platform to showcase their business awareness.

The competition was organized with following key Objectives:

Promoting Entrepreneurship: The competition aimed to instill a sense of entrepreneurship among students, encouraging them to think creatively and critically while addressing complex business problems.

Strategic Thinking: Participants were expected to develop effective strategies to overcome challenges, showcasing their ability to analyze situations from multiple perspectives and devise comprehensive solutions.

Collaboration and Networking: The event provided an opportunity for students to collaborate with peers, enhancing their teamwork and networking skills by engaging in discussions and brainstorming sessions.

Application of Knowledge: By presenting participants with real-world cases, the competition facilitated the application of theoretical concepts to practical scenarios, fostering a deeper understanding of business dynamics.

The Case Study Competition commenced with an introductory speech from **Prof. Sanghamitra V Arora, IIC Convenor**. She emphasized on the importance of innovation and entrepreneurship in today's rapidly evolving business landscape. This was followed by the announcement of the competition guidelines and the distribution of case study materials. Participants were divided into teams, each comprising diverse skill sets. The case studies were carefully curated to cover a wide range of industries, challenges and opportunities, ensuring an enriching experience for all participants. The teams were given a stipulated time to analyze the case, identify key issues, and develop innovative strategies. The evaluation criteria included the originality of solutions, feasibility, strategic thinking, presentation skills, and the overall impact of the proposed strategies. The event showcased a remarkable display of creative thinking, meticulous analysis, and well-crafted strategies. The winners were awarded certificates as a testament to their dedication and exceptional problem-solving skills.

The event empowered participants to embrace challenges and develop innovative solutions—an essential skill set for aspiring entrepreneurs in today's dynamic business environment. The initiative marked a significant step towards nurturing a generation of enterprising individuals poised to make a lasting impact on the world. The event ended with a vote of thanks from **Prof. Sanghamitra V Arora, IIC Convenor**.

Objective: Encourage strategic thinking & entrepreneurial mindset & engage student to explore entrepreneurs

Benefits: The event empowered participants to embrace challenges & develop innovative solutions—an essential skill set for aspiring entrepreneurs.



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Intra Institutional Start-up Competition and Rewards for Best Start-ups

24th – 26th July, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an event titled "**Intra Institutional Start-up Competition and Rewards for Best Start-ups**" from **24th – 26th July, 2023**. The event was managed through **YUKTI-NIR**. The event was meticulously designed to foster innovation, entrepreneurship, and collaborative spirit among aspiring entrepreneurs within the institution.

Key Objectives:

Promoting Innovation: By hosting a start-up competition, the event aimed to ignite the spirit of innovation and creativity among students and faculty members.

Encouraging Entrepreneurship: The competition was a platform for nurturing entrepreneurial talents, enabling participants to transform their ideas into viable business proposals.

YUKTI-NIR Implementation: The event provided a hands-on experience with the YUKTI-NIR platform, enhancing participants' understanding of its functionalities and advantages.

Event Highlights:

The event spanned across three action-packed days, featuring an array of activities designed to inspire, educate, and recognize outstanding start-up initiatives. The event comprised of the following:

Boot Camp Sessions: A series of insightful boot camp sessions were conducted by industry experts, guiding participants through the essential elements of crafting a strong business plan, pitching ideas effectively, and understanding market dynamics.

Start-up Pitching: Aspiring entrepreneurs enthusiastically presented their start-up ideas to a panel of judges comprising seasoned investors and mentors. The presentations showcased a diverse range of innovative concepts across various domains.

Expert Panels: Engaging panel discussions featured distinguished entrepreneurs, investors, and industry leaders who shared their expertise on building successful start-ups, navigating challenges, and leveraging available resources.

Networking Opportunities: Attendees had the chance to interact with like-minded individuals, mentors, and potential collaborators, fostering an environment of collaboration and idea exchange.



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YUKTI-NIR Workshop: A dedicated workshop familiarized participants with the YUKTI-NIR platform, demonstrating how it can streamline the management of innovative initiatives, funding applications, and institutional partnerships.

Rewards and Recognition: The highlight of the event was the announcement of winners in various categories, rewarding the best start-up ideas with cash prizes, mentoring opportunities, and recognition within the institution.

The event received enthusiastic participation from students, faculty, and other stakeholders. Participants expressed their appreciation for the holistic learning experience, exposure to real-world entrepreneurship dynamics, and the opportunity to showcase their innovative ideas. The event ended with a vote of thanks by **Prof. Sanghamitra V Arora, IIC Convenor.**

Objective: Platform for nurturing entrepreneurial talents & transform ideas into viable business proposals.

Benefits: Participants gained hands-on experience enhancing understanding of its functionalities and to foster innovation, entrepreneurship spirit.



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Visit to Atal Incubation Center

22nd January, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a visit to “Atal Incubation Center” - Technopark, Sonipat, Haryana for its B.Tech 3rd year students on **22nd January, 2024**. Prof. Sanghamitra V Arora assisted the students during the visit.

The visit aimed at exposing students to the startup ecosystem and inspiring entrepreneurial thinking. As soon as the students reach the center, they were asked to wait in the waiting area for some time and then students were given a comprehensive tour of the incubation center, including co-working spaces, meeting rooms, and specialized labs. An overview of the startup ecosystem in India was presented, focusing on the role of incubation centers in nurturing new businesses. Students had the opportunity to meet with founders of several startups currently being incubated at AIC IT Delhi. This provided insights into real-world challenges and opportunities in entrepreneurship.

Afterwards, experienced mentors associated with the incubation center conducted a brief session on the importance of mentorship in the startup journey.



Objective: To expose students to the startup ecosystem and inspiring entrepreneurial thinking.

Benefits: The visit offered practical insights into entrepreneurship and innovation, complementing their academic knowledge with real-world perspectives.

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Business Plan Competition 2024

9th - 11th May 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a “**Business Plan Competition**” from 9th – 11th May 2024. Prof. (Dr.) Ritu Soryan (IIC Start-up activity Coordinator) coordinated the event.

The competition brought to the floor the aspiring entrepreneurs from various departments to present their ideas for viable business ventures. The competition served as an excellent platform for students to transform their technical skills into real-world applications, pushing them to think beyond engineering and into the realm of business development.

On the **first day** of the competition, i.e. on 9th May 2024, Prof. (Dr.) Ritu Soryan welcomed all the participants and gave a briefing about the competition. She told about various phases of the competition and articulated the category wise winning prizes. During the first day CSE, ECE, EEE and CSE-AI&ML students were required to present the ideas in front of the judges. Teams were given 10 minutes to present their business plans, followed by a brief Q&A session from the panel of judges. Judges evaluated each business plan based on its potential for real-world impact, creativity, and the team's ability to execute the project. At the end of the day, 5 teams were shortlisted to advance to the final round

During the **second day** of the competition, i.e. on 10th May 2024, students from CSIT, IT, ME and MBA department were required to present their ideas in front of the judges. The teams were shortlisted according to the criteria of judgment and 5 teams proceeded to the final round of evaluation which was held on the subsequent day.

The **final day** of the competition was the most anticipated, as the top 10 teams prepared for their ultimate presentations. Each team was given 20 minutes to present their refined business plan, followed by an in-depth Q&A session from the judges. The presentations were more comprehensive, with teams researching deeper into their market research, competitive landscape, risk assessment, and growth strategies. This round tested not only the creativity of the students but also their understanding of the practical challenges that startups face.

After intense deliberation, the judges announced the winners based on factors such as innovation, feasibility, and potential market impact. The **first-place team** presented a sustainable energy solution that aimed to revolutionize renewable energy access in rural areas and was awarded with cash prize of **INR 3000**. The **second-place team** focused on a cutting-edge AI-driven health diagnostic tool and bagged **INR 2000**, while the **third-place team** proposed an efficient waste management system utilizing IoT technologies and received **INR 1000**. The participants were also applauded for the efforts put by them and were given certificate of participation.



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Objective: Brought aspiring entrepreneurs to present their ideas for viable business ventures.

Benefit: By participating in the Competition, young entrepreneurs gained valuable insights, & skills to transform their plan to startups.

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Session on “Importance of Frugal Innovation for Start-ups”

6th – 7th June, 2024

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a Session on “Importance of Frugal Innovation for Start-ups” from 6th – 7th June, 2024. The keynote speaker of the session was Dr. Gaurav Gupta (Director/Scientist ‘F’ @ Cyber Security R&D, Ministry of Electronics and Information Technology, (MeitY), Govt. of India). 70 students attended the 2 day theoretical and practical session.

Day 1: Understanding the Foundations of Frugal Innovation

Dr. Kaustubh Kumar Shukla, the coordinator of the event, introduced the speaker before the session got underway. He extended the speaker's introduction in brief and extended the dais to him. The discussion began with Mr. Gaurav Gupta introducing the idea of frugal innovation, which has become a vital tool for companies to not just survive but flourish. According to him, startups frequently struggle with a lack of resources, tight budgets, and the urgent need to stand out in crowded markets in the ever-changing world of business.

He went on to expand on the idea of frugal innovation, which is sometimes referred to as "Jugaad" in India and is the process of coming up with high-quality, economically viable solutions with the least amount of resources. It entails maximizing all available resources, including time, money, and materials, and coming up with creative ways to accomplish more with less. It is more important to achieve maximum impact with minimal resources rather than sacrificing quality. He shed light on the significance of frugal innovation for startups as he continued the discussion. Viz: Global Competitiveness, Agility and Resilience, Sustainable and Social Impact, Market Penetration, Rapid Prototyping and Iteration, and Cost-Effective Solutions, etc.

Day 2: Practical Implementation and Sustaining Innovation

On the second day, participants showcase their creative yet frugal solutions or designs to audiences made up of faculty members and peer groups. Certificates were given to the winners after the same were assessed.

Opportunities for networking, group discussions, and practical exercises were observed over the three-day program to guarantee that participants gained useful knowledge and doable actions to incorporate frugal innovation in their startups.




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Objective: students will recognize the significance of frugal innovation for start-ups.

Benefits: Students learned how to succeed in resource-limited settings while providing value to customers.

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Academic Year 2022-23

Workshops/seminars/conferences conducted on Research Methodology

National Innovation Day Quiz on Innovation and IPR 15th October 2022

To celebrate National Innovation Day (Birth Anniversary of Dr. APJ Abdul Kalam) Institution's Innovation Cell (IIC), Ministry of Education, **Dronacharya Group of Institutions, Greater Noida** organized "**Quiz on Innovation & IPR**" on **15th October 2022**. Students of 2nd and 3rd year participated in quiz.

The objective to organize the quiz was to evaluate the knowledge of students in innovation and IPR.

The students were provided with google form to register for the quiz. The rules and regulations of quiz were explained to students. Around 70 students registered for the competition. There were 2 rounds of quiz. First round was the elimination round. All the shortlisted students went for the final round.

In the end **Abhishek** (2nd Year CSE student) was announced as winner as he answered maximum question correctly. Prof. (Dr.) K.K. Saini (Director) praised the event organizers and motivated students to participate in such events.

The objective to organize the quiz was to evaluate the knowledge of students in innovation and IPR.

Benefits: students were able to think critically and can get into the habit of innovative learning.



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Poster Competition on “World Creativity & Innovation Day”

21st April, 2023

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institution, Greater Noida celebrated “**World Creativity and Innovation Day**” on **21st April, 2023**. **75 students** of all B.Tech departments participated in the celebration. The day is a global observance aimed at promoting creative and innovative thinking as a way to solve problems and improve human lives.

The event was coordinated by Prof. (Dr.) Ritu Soryan and she briefed the students about the activity to be performed. A poster competition was held in the seminar hall and students enthusiastically participated in the competition. The rules and regulations of the competition were pre-articulated to the students. Prof. (Dr.) Ritu Soryan told the students to work upon improving critical thinking and encouraged all to think outside the box, explore new and unconventional solutions to the challenges facing humanity and depict their ideas through the designs. She also addressed that innovation is an essential tool for economic growth and development. Students were asked to showcase their innovative and creativity posters to the judges for final evaluation.

The competition motivated students to improve their analytical skills. Lastly, winning posters were awarded with certificates and cash prize of INR 6000. Winners of the competition were:

Position	Name	Prize Amount
1 st	Prerna Halsi (CSIT)	3000
2 nd	Komal Papnai (CSIT)	2000
3 rd	Pranjal Raikwar (CSE)	1000

Objective: Aimed at promoting creative and innovative thinking as a way to solve problems & improve human lives

Benefits: Students understood the importance of creativity and Innovation and they showcased their innovative and creativity posters



A handwritten signature in blue ink, likely belonging to the Director of the Dronacharya Group of Institutions.

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Mentoring Session on YUKTI - National Innovation Repository

10th April 2023

YUKTI - National Innovation Repository is an initiative of the **Institution's Innovation Council, Ministry of Education (MoE)**. It is implemented by MoE's Innovation Cell and AICTE to build a system of repository of ideas, innovations and startups developed in academic institutions and enabling institutions to systematically foster the I&E culture by managing and nurturing these innovations by offering continuous support in terms of one-to-one mentorship, grant assistance, referral and linkage with incubation units, connecting with Angel/Venture Capital (VC) investors network, knowledge agencies, etc.

Institutions play an important role in this process; they have to identify ideas, innovations, startups from students, alumni throughout the year for building the repository. To help students understand YUKTI Innovation Repository and Challenges, **Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida** organized a workshop "Mentoring session on YUKTI - National Innovation Repository" under the guidance of Prof. Sanghamitra V Arora, (IIC Convenor). 52 students along with 7 faculty members attended the workshop.

The objective of the workshop was to brief students about the innovation repository, challenges, the process of registration and submission. Workshop was aimed to encourage students to design innovations that are helpful to people and utilize most from the YUKTI portal.

The event ended with a vote of thanks from Prof Sanghamitra. She encouraged the students to design innovations that can help in solving real world problems that are faced by society. Students actively participated in the workshop and interacted with the speaker.



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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.



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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.



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Celebration on National Science Day (Science Fiesta, 2023)

27th – 28th February, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida celebrated “National Science Day” on 27th – 28th February, 2023. The celebration was held in line with India's G20 presidency. **87 students** participated in the celebration activities.

The celebration was held in order to commemorate the invention of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman on the same day in the year 1928. The theme was “Global Science for Global Well-Being”. The ultimate aim of celebrating the day was to provide awareness of Science among the engineering students.

Dr. Sanghamitra V. Arora was the program coordinator. The events were judged by Dr. Mamta Bhardwaj and Dr. Hari Mohan Rai. Various events were held across two day celebration which included Debate competition, Poster Presentation, PPT Presentation and Project Presentation. The guidelines for participating in the competition were pre articulated to all.

On 27th February, students actively participated in the debate competition. The theme for the competition was ‘The Science of Today is Technology of Tomorrow.’ Students expressed their views on the stated topic and focused upon the need of Innovation through their potential words. The second competition of the day was Poster Presentation Competition on the theme ‘Innovation in Science.’ Students expressed their outlooks by way of beautiful posters. Students were guided by their respective mentors and their efforts were applauded by the judges of the event.

On 28th February, the first competition was PPT Competition. The theme of the competition was ‘Impact of Scientific Innovation in Human Life.’ Students made thought breaking slides. The designs and the content were very well placed in each slide. The next competition of the day was Project Presentation Competition. Students presented their Real Time Innovative Projects in front of the judges and gave a briefing of their projects along with the demonstration.

Students actively participated in the competitions and also learned a lot by way of participation. All the participants' efforts were appreciated and were awarded with Certificate of Achievement.

Objective: To provide awareness of Science among the students and engage them in innovative activities.

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



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Glimpses:



Session on **Becoming a World Class Innovator – Growth through Innovation**

2nd November, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized a session on “**Becoming a World Class Innovator – Growth through Innovation**” for B.Tech & MBA students on **2nd November, 2022**. The keynote speaker of the session was **Dr. Rajeev Kumar Mehajan** (Scientist “C” and Advisor (Ministry of Science & Technology)). 250 students attended the session.

The main motive of the session was to make the students aware about the need for innovation in the country and the way through which a country can flourish by carrying innovation activities at large.

Mr. Rajeev Kumar Mehajan explained and laid stress upon the need for innovation by the young, budding & talented students. He motivated all the students to take up research work and to expand the horizons of critical thinking.

Students of Dronacharya Group of Institutions enthusiastically listened throughout the session. **Students were highly benefitted from the session.** In the last, Mr. Mehajan invited queries from the students & solutions were provided. Students actively listened throughout the session.

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Objective: To make the students aware about the need for innovation in present scenario.

Benefit: Students got motivated to take up the research work and expand their horizons of critical thinking.



International Conference on Optimization Technique in Engineering & Technology

(ICOTET'22)

8th – 9th July 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of

Institutions, Greater Noida successfully organized a two day “International Conference on Optimization Technique in Engineering & Technology” (ICOTET'22) in association with CRC Press - Taylor & Francis Group from 8th - 9th July 2022. The Chief Guest of the conference was Prof. Prem Vrat, Former Vice Chancellor, AKTU, Professor of Eminence & Chief Mentor. In the conference chair was Prof. Pradeep Kumar, Former Vice Chancellor, DTU, Professor IIT Roorkee and the guest speaker of the session was Mr. Gordian Overschmidt, Founder & CEO of ODE Systems GmbH Berlin, Germany.

Around 200 papers were received from industries, researchers & academies in above said areas of Communication and computing systems and adapted papers have been included in the conference proceedings. The inaugural session was conducted by Prof. Prem Vrat. The orator of the first day session was Mr. Gordian Overschmidt. He explained the importance of various engineering fields available for studying in engineering. He motivated the students to write research papers and explained the need of carrying research work in engineering. Various research scholars presented the papers and the same were analyzed by the eminent speakers. The research scholars from all the fields of study came to one platform and discussed their ideas. Various techniques of optimization in engineering & technology was also explained to the students. There were many queries of the students and the same were settled by the speaker of the session one by one.

On the second day, Prof. Pradeep Kumar continued the session and explained various optimization tools available and how students can take the best use of those techniques. The importance of experimentation was also explained to the students.

The closing ceremony was followed by distribution of best paper awards to the selected participants. The Conference provided a global platform for interaction among the knowledge holders belonging to industry,

academia and various areas of society. The conference was a great learning experience for everyone and the participants gave valuable positive feedbacks.



TECH SURAKSHA- An Internal Hackathon

1st & 10th April 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized Tech Suraksha- An Internal Hackathon on 1st & 10th April 2023. 42 teams registered and presented their ideas.

'KAVACH-2023' a unique national Hackathon to identify innovative concepts and technology solutions for addressing the security challenges of the 21st century faced by our intelligence agencies. It is conceived to challenge India's innovative minds to conceptualize ideas and framework in the domain of cyber security using artificial intelligence, deep learning, machine learning, automation, big data and cloud computing.

The internal hackathon was held in a competitive environment, with each team working on creative solutions. The teams were required to present their ideas and solutions to a jury panel. Jury members for the hackathon were: **Mr. V.N. Shukla** (CTO & Senior Consultant, CSC e-governance Services Pvt. Ltd), **Mr. Rishabh Sharma** (CEO, CodeDev), **Mr. Akhilesh Garg** (Software Engineer, BlackNGreen Mobile Solutions), **Dr. Seema Shukla** (Director, DGI, Gr. Noida), **Dr. Shailesh Singh** (Associate Professor, DGI, Gr. Noida). Participated teams have been evaluated in two steps: 1) Mentoring session was held in computer centre lab. 2) Afterwards, PPT's were evaluated in conference room.

The students showcased creative solutions for various problem statements of KAVACH 2023. The competition sought creative ideas and technological solutions to address cyber security and cybercrime challenges confronting law enforcement agencies and ordinary citizens.

Objective: To provide students with a platform to solve some of the cyber security problems everyone face.

Benefits: The students showcased creative solutions for various problem statements of KAVACH 2023.

Instagram : <https://www.instagram.com/p/CrDVvCEvHLq/>

Twitter : <https://twitter.com/DronacharyaDgi/status/1642050988788920322/photo/2>

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

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Technical Session on Growing Presence of Women in Engineering

4th March, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a **technical session** on **“Growing Presence of Women in Engineering”** on **4th March, 2023**. The keynote speaker of the session was **Ms. Swati Grover (Founder, Disaster Resilient Foundation)** Female faculty members and female students of the college attended the session.

Program coordinator Prof. Priya Satsangi (HOD – MBA Department) introduced the eminent speaker of the day. Starting the session, Ms. Swati laid stress upon the fact, gender gap has been prevalent in the society from beginning in the areas of Science and Technology. The main reasons behind low enrollment of females in the engineering domain are the lack of motivation, inadequacy of role model and lack of confidence. Continuing the session, Ms. Swati Grover motivated the students to build stronger critical and analytical skills. She asked all to have high confidence levels and participate in as many events, workshops, competitions and conferences as possible. She urged all to be innovatively sound and always strive for creating out of the box.

In the last, she raised the voice and urged to be unapologetically you and believe in yourself and be focused. She also told participants to motivate the middle school girl students aware about engineering discipline in order to bridge the gap of male and female in engineering.

Objective: To make student aware of importance of technical education for female and independent living.

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Benefits: Students understood the importance and were motivated to spread this awareness to the society.

Glimpses:



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Workshop on “Design Thinking, Critical Thinking and Innovation Design”

10th February, 2023

Institution’s Innovation Council, Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a workshop on “**Design Thinking, Critical Thinking and Innovation Design**” on **10th February, 2023**. **IIC Ambassador, Dr. Bipin Pandey** was the eminent speaker of the workshop. 85 students attended the workshop.

The objective behind conducting the workshop was to educate the students and highlight the importance of Design Thinking, Critical Thinking and Innovation Design.

The speaker started the session by highlighting the fact that to carry innovation, critical thinking is a vital parameter. Assumptions must be made and there should be no lacking in the efforts to make the assumptions a reality. He said, the world is becoming more and more digital, it’s not the first click that matters, what matters are the actions that needs to be performed afterwards. To make an idea a successful reality, proper implementation of the thoughts is also necessary. Following were the topics that were taught in the session:

- Elements of Design Thinking
- Design Thinking Process
- Problem identification techniques/tools
- Customer journey map
- Empathy map template
- Need of social media
- Prototype techniques/tools
- Ideation techniques/tools

The session also covered how Design Thinking and Critical Thinking abilities are used to produce what customers really want. It also focuses upon delivering tangible and intangible products keeping in mind the feasibility and economical aspect of the product thus produced.

Overall, it was a rousing session for the attendees.

Objective: To educate the students& highlight the need of Design Thinking,Critical Thinking & Innovation Design

Benefits: Student understood Design Thinking Process & Elements involved in Design Thinking and got to know about Problem identification techniques/tools



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Government of India)

Workshop on
"Design Thinking, Critical Thinking and
Innovation Design"

10th FEBRUARY, 2023

SPEAKER
Dr. Bipin Pandey
(IIC Ambassador)





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Yukti Innovation Challenge 2023: An Internal Hackathon

13th - 14th April 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “Yukti Innovation Challenge – An Internal Hackathon” on 13th - 14th April, 2023. 30 teams participated in the event.

YUKTI – National Innovation Repository (NIR) is an initiative of the Ministry of Education (MoE) Government of India and it is implemented by MoE's Innovation Cell and AICTE to build a system of repository of ideas, innovations and startups developed in academic institutions and enabling institutions to systematically foster the I&E culture by managing and nurturing these innovations by offering continuous support in terms of one-to-one mentorship, grant assistance, referral and linkage with incubation units, connecting with Angel/Venture Capital (VC) investors network, knowledge agencies, etc.

The internal hackathon was held in a competitive environment, with each team working on creative solutions. The teams were required to present their ideas and solutions to a jury panel in two rounds. During their assessment, the judges placed a strong emphasis on innovation and creativity. The following were the details of the jury panels:

- Bipin Pandey
- Sanghamitra V Arora
- Shailesh Kumar Singh

The students showed enthusiasm and presented many innovative ideas. The competition sought creative ideas and technological solutions to address challenges in the world. The suggested solutions' innovation and creativity, objectives of the work, feasibility and relevance for real-world issues, presentation skills, and commercial viability were among the judging factors.

All the 10 chosen teams' work demonstrated technical proficiency and creative abilities with cutting-edge technologies such as Artificial Intelligence/Machine Learning, Deep Learning, Data Analytics, etc. to find reliable, secure, and efficient technological solutions for the challenges in the 21st century.

Objective: Provide a platform for 360-degree experiential learning from idea generation to venture creation

Benefits: Shortlisted the best 10 ideas that to be nominated for Yukti Innovation Challenge



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Workshops/seminars/conferences on Intellectual Property Rights **(IPR)**

Seminar on “IPR Awareness Program” **(Under National Intellectual Property Awareness Mission),** **14th February, 2023**

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida conducted “IPR Awareness Program” under National Intellectual Property Rights Awareness Mission (NIPAM) on 14th February, 2023. The programme was organized by Office of Controller General of Patents, Designs and Trademarks. Faculty members along with 120 students attended the session. The eminent **speaker** of the session was **Mr. Prashant Sharma (NIPAM Officer and Examiner of Patents and Designs, Ministry of Commerce and Industry.)**

The welcome speech was given by **Dr. B.M.K. Prasad** as he welcomed Mr. Prashant Sharma. He also motivated the students to think innovatively in order to become successful entrepreneurs. He stressed on the importance of attending such awareness programs so that the innovators can learn how to protect their rights of their innovation.

Mr. Prashant Sharma then took charge of the dais and started the session by differentiating between a patent, copyright, trademark, industrial design and geographical indicators. Further, he gave details of role of IPR for innovations and start-ups through real life examples. Then, he briefly introduced various mechanisms to describe and protect IP. Various details of application procedures from filing to examination were also discussed in detail.

Then a detailed interaction between the speaker, faculty members and students took place. Lastly, all the participating students were facilitated with the Certificate of Participation.

The session was very useful for the students as they became aware about importance of IPR.

Objective: To create IP awareness among students thereby fostering the vision of creating an Atmanirbhar Bharat.

Benefits: Students got to know role of IPR for innovations and startups and its importance



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Some glimpses of the event-



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Workshop on Intellectual Property Rights(IPR) and IP Management for Startup

27th April, 2023.

Intellectual Property Rights (IPR) provides an entrepreneur rights over their innovations for a certain period of time. Every Startup has IP Rights which are required for its proper functioning. Startups have to work in accordance with IP Rights and violation of them can cause penalties. With the rise in startup ventures and entrepreneurship in India, it is important to understand the IPR and their importance in entrepreneurship. To help students understand the meaning of IPR, **Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida** organized a workshop on “**Intellectual Property Rights (IPR) and IP Management for Startup**”. The keynote speaker of the workshop was **Mr. Tanish Sexana (MindPeers India)**. 43 students along with 4 faculty members attended the workshop.

Mr. Tanish Sexana made students realize the importance of Intellectual Property Rights in building startups. The speaker demonstrated how the IPR holds the utmost value in running successful ventures. Workshop provided students with knowledge regarding IPR Laws in India, Industrial Designs and Patents, Trademark and copyright protection. In the next part of the session, students learnt different types of patents, procedure of patent filing, traditional patent system vs PCT system (International). After the session, students and faculties asked their queries which were addressed in detail by the speaker.

The session ended with a vote of thanks by **Prof Sanghamitra, IIC Convenor**. She thanked the speaker for such an informative session. She also thanked the students and faculty for actively participating in the workshop.

Objective: To help students understand the meaning of IPR and its importance in startup.

Benefits: Students learned about IPR and copyright, IPR practices followed in India, as well as guidance on which categories of innovation can be protected



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Seminar on “IPR Awareness Program”
(Under National Intellectual Property Awareness Mission),
14th February, 2023

Institution’s Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida conducted “IPR Awareness Program” under National Intellectual Property Rights Awareness Mission (NIPAM) on 14th February, 2023. The programme was organized by Office of Controller General of Patents, Designs and Trademarks. Faculty members along with 120 students attended the session. The eminent **speaker** of the session was **Mr. Prashant Sharma (NIPAM Officer and Examiner of Patents and Designs, Ministry of Commerce and Industry.)**

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Then a detailed interaction between the speaker, faculty members and students took place. Lastly, all the participating students were facilitated with the Certificate of Participation.

The session was very useful for the students as they became aware about importance of IPR.

Objective: To create IP awareness among students thereby fostering the vision of creating an Atmanirbhar Bharat.

Benefits: Students got to know role of IPR for innovations and startups and its importance


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Some glimpses of the event-




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Workshops/seminars/conferences including programs conducted on Entrepreneurship

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

Glimpses:



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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

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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.



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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 Chauhan (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 Chauhan (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:



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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 "ELECRAMA 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 ELECRAMA 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.”



Director

Over 1500 exhibitors displayed their products and technologies. ELECRAMA 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. ELECRAMA 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.



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“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:



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A handwritten signature in blue ink, likely belonging to the Director of the Dronacharya Group of Institutions.

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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.



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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.



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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 threw 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:


Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

DRONACHARYA
Group of Institutions

INSTITUTION'S
INNOVATION
COUNCIL
Drinking Water Treatment Plant

MOTIVATIONAL SESSION
▶▶ **My Success Story** ◀◀

Speaker :
Mr. Jitendra Pareek
(Founder, Eco vision Pvt. Ltd.)

Mon 31st October, 2022 2022
10:00 AM – 1:00 PM




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.



Director

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.



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

“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:



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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

23rd July 2022

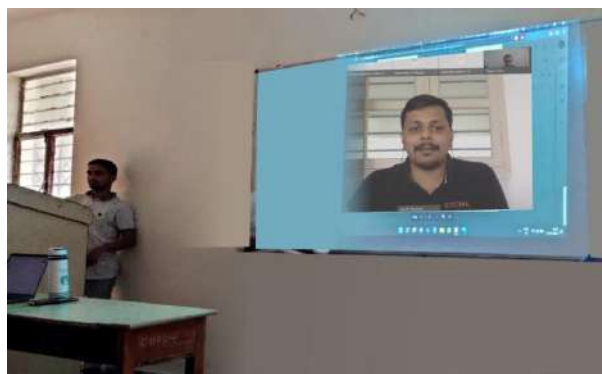
Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized an online session on Accelerators/Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs.

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.



A handwritten signature in green ink, likely belonging to the Director of Dronacharya Group of Institutions.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.



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Director
Dronacharya Group of Institutions
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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.



Director
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DRONACHARYA
Group of Institutions

INSTITUTION'S
INNOVATION
COUNCIL
(University of 4000 Institutions)

Session On
"How to Plan for Start-up and legal & Ethical Steps"

Date :
27th April
2023

 **Manish Sharma**
Company: **Eltropy**
Designation: **Backend Developer**



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.





Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.



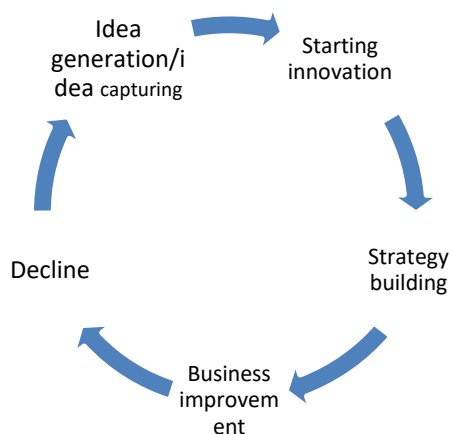
Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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.

Director
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27, KP-III, Greater Noida-201306

Glimpses:

DRONACHARYA
Group of Institutions

**Session on
Process of Innovation
Development**

For B.Tech & MBA Students



2nd November, 2022

Mr. Randhir Batsa
General Manager
Admin & Sustainability Head at
NEOKRAFT Global Pvt. Ltd.



gnindia.dronacharya.info



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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



Director
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27, KP-III, Greater Noida-201306

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 applause.



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/CqurhSoPTSs/?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



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27, KP-III, Greater Noida-201306

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.



Director

Dronacharya Group of Institutions
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Benefits: Through the activities conducted students were motivated towards innovation and entrepreneurship.



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Director
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27, KP-III, Greater Noida-201306

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/CpXO65HPuEI/?utm_source=ig_web_copy_link



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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:



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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 :



Director

Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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 MOLDOPLAST LTD.)

1ST November, 2022



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

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 **Sahab Singh** (MBA) along with the team focused on enriching the students and broadening their horizon by thinking vigilantly.

Dr. Sahab Singh (MBA Department.) explained meaning, process and characteristics of entrepreneurship to the students. All the aspects of being an entrepreneur and it's importance in economic, social and innovative needs with advantages and disadvantage with the help of examples were also described by Dr. Sahab. He 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. He 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.

He 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 :



Director

Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



(Signature)

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Academic Year 2021-22

Workshops/seminars/conferences conducted on Research Methodology

Online session on "Polycrystalline Diamond Thin Film Sciences & their Applications"

14th May 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized an online session on "Polycrystalline Diamond Thin Film Sciences & their Applications" on 14th May, 2022. 250 students from 1st years attended the session.

The orator of the session was **Ms. (Dr.) Elida de Obaldia**. She is an International Research Advisor, University of Panama, Centennial Avenue, Panama. She is also associated with Natural Science & Engineering Research Laboratory, University of Texas, USA.

Prof. (Dr.) K.K. Saini, started the session with the welcome note for **Dr. Elida** and an inaugural speech was also delivered to start the session.

She explained, in today's time, Lithium Ion Batteries have dominated the mobile battery space. She added that typically modern phones are operating for 12 hours per day and lasts only for about 2 years.

She further explained that the life time of batteries could be improved by protecting the anode with a layer of polycrystalline diamond.

She explained the methodologies, the growth of the industry and the results that could be achieved. All the topics were explained with the help of graphs and diagrams, so that the students could easily grasp the same.

She inspired participants with her expertise and the students of DGI were highly benefitted through the session.




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Dronathon - 2022

Internal Smart India Hackathon (SIH) 2022

9th March 2022

Dronacharya Group of Institutions, Greater Noida organized Dronathon Internal Smart India Hackathon 2022 . 30 Teams participated in the Hackathon. Coordinators of the event were Prof. Bipin Pandey, Prof. Gaurav Chaudhary, Dr. Pallavi Verma, Dr. Hari Mohan Rai, Prof Rajat Kumar and Prof. Dheeraj Gurjar. Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives. Students across India compete creatively to solve problems of Ministries, Departments and Industries to give solutions Harness. Talented youngsters from all over the country offer out-of-the box solutions to problems. Eminent jury members mentored and evaluated the ideas and prototypes presented by the participating teams. After all the presentations, 25 Teams (10 Software and 15 Hardware) and 5 Teams in waitlist were selected by the jury panel for Smart India Hackathon 2022 participation.



Dronathon-2022
(Internal Smart India Hackathon (SIH) - 2022)

Venue : Dronacharya Group of Institutions, Greater Noida
Date of Event : 9th March 2022
Last date of registration : 7th March 2022

Call for Idea Presentation :

- Students can find the problem statements at <https://sih.gov.in/sih2022PS>
- Each team would mandatorily comprise of 6 members including the team leader and at least one female member.

Event Coordinators:
Prof. Bipin Pandey (8700004620)
Prof. Gaurav Chaudhary (9818323298)
Dr. Pallavi Verma (9510348910)

Dr. Hari Mohan Rai (8700004620)
Prof. Rajat Kumar (8826218796)
Prof. Dheeraj Gurjar (8889571867)



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Webinar on
Energy Management & Auxiliary Load Estimation in Hybrid Electric Trucks

30th April 2022

Institution's Innovation Council (MoE), Dronacharya Group of Institutions, Greater Noida organized an webinar on “**Energy Management & Auxiliary Load Estimation in Hybrid Electric Trucks**” for ME Department students. 75 students attended the webinar. **Mr. Satvik Khuntia** (Research Associate Ohio State University, Columbus, United States).

Mr. Satvik Khuntia started the session on topic “Predictive Powertrain Control for Optimal Hotel Loads Management in a Mild Hybrid Long Haul Trucks. He explained step by step topic related to the project.

The topics covered by Mr. Satvik during the webinar were

- Energy Review
- HEV architecture
- World of trucks
- State of the art
- HVAC Energy Consumption
- User Activity Prediction

He also explained three factors affecting vehicle economy. They are Vehicle Attribute, Powertrain Attribute and Operating Conditions. Next he explained the topic “**Hybridization to save fuel**” and its pros and cons. Next he explained Suzuki Hybrid Vehicles and overall HVAC Diagram.

In the end, he cleared the doubts of the students. It was a very interactive session.

Glimpses:



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

DRONACHARYA
Group of Institutions

Webinar On
"Energy Management & Auxiliary Load Estimation in Hybrid Electric Trucks"

SAT 30 April, 2022
10:00 AM - 11:30 AM

Platform : MS Teams
Organized By :
Mechanical Engineering Department

Mr. Satvik Khuntia
Research Associate
Ohio State University, Columbus,
United States

gnindia.dronacharya.info

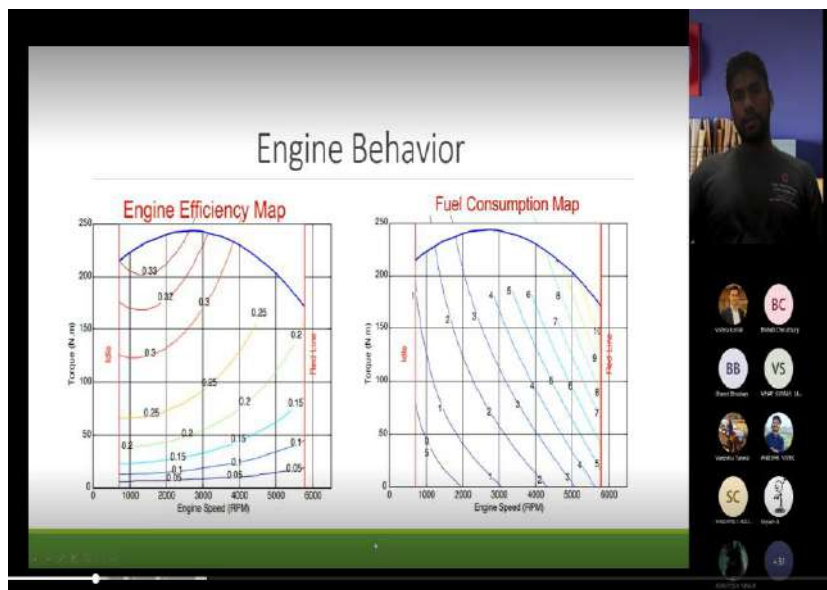
PACCAR
TECHNICAL CENTER

THE OHIO STATE UNIVERSITY
CENTER FOR AUTOMOTIVE RESEARCH

U.S. DEPARTMENT OF ENERGY

Predictive Powertrain Control for Optimal Hotel Loads Management in a Mild Hybrid Long Haul Trucks

SATVIK KHUNTIA
GRADUATE RESEARCH ASSOCIATE - CENTER FOR AUTOMOTIVE RESEARCH
MASTERS' STUDENT - THE OHIO STATE UNIVERSITY



objective of the Dronathon was to give students a platform to showcase their innovative projects

Student got to know the areas of improvement in their project so that they can perform best in SIH

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Innovate Best Out of Waste

11th May 2022

Institution Innovation Cell (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “Innovate Best Out of Waste” on 11th May, 2022 on the occasion of National Technology Day. The resource person was Dr. Bishub Choudhary.

With the growing increase in wastes in our society from households to industrial wastes, we now require a very innovative approach to get rid of them. Recycling and reusing the valuable waste material can result in development of fantastic and usable products. Rather than putting these waste materials into the landfills, various innovative and creative ideas can be put together to bring something new and useful. Everyday wastes such as plastic, glasses, newspapers or electronic are not only waste of limited resources but also are harmful to the environment.

The event was to bring such ideas to students and to help them think themselves on such ways of reusing everyday materials that will not only reduce the waste but provide them with useful household products.

All the participants took part in it with great enthusiasm. Winners of the event were:

Aniket Kumar 15499 ME

Abhishek Kumar 15494 ME

Yashika Goyal 16190 CSE

It was a wonderful and interesting event. All enjoyed as well as learnt a lot.




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Workshops/seminars/conferences on Intellectual Property Rights (IPR)

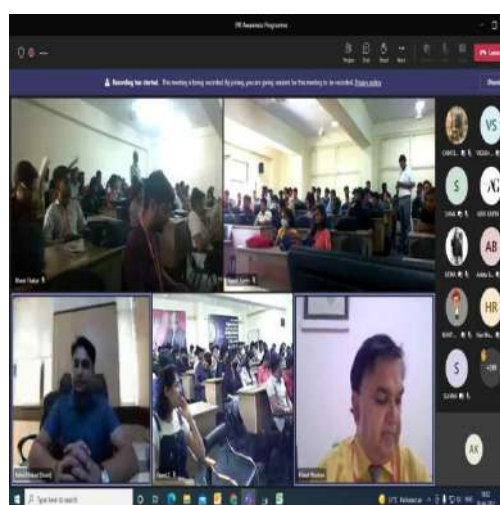
INTELLECTUAL PROPERTY RIGHT AWARENESS PROGRAM

28th April 2022

On the occasion of World IP Day and to celebrate IP literacy week under the Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA), IIC Dronacharya Group of Institutions, Greater Noida hosted an online Intellectual Property Right Awareness Program on 28th April 2022. The program was attended by 300 participants.

The aim of the program was to spread awareness through educational programs about the importance of patenting an invention, which eventually will lead India towards self-reliance.

The session was started by Dr.(Prof) K.K.Saini where he highlighted the importance of innovative ideas and how they can be protected by IPR. The esteemed speaker, Mr. Rahul Dhakad (Examiner of Patents and Design, NIPAM officer), enlightened the participants about the trademarks and geographical indicators, patents and designs. He provided detailed information about what can be patented, the importance of trademarks and trade secrets in ensuring significant brand presence and market share towards economic advantage. He elaborated different examples of trademarks and trade secrets in the fast-moving consumer goods domain as well as different machine designs that have been protected by innovators like Apple, LG, Siemens and Nokia through Intellectual property rights. Intellectual property is a category of property which includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition. The session was informative and covered various aspects of IPR. The students as well as the faculty of the college became aware on how IPR restricts copying others ideas and how this will help the development of new ideas for the betterment of the society. Students learnt how IPR provides total control over a new innovation and its creator.



Director
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Webinar on application of IPR in Various Sector

22nd December 2021

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a webinar on "Application of IPR in Various Sectors" on **22nd December 2021**. The event aimed to educate students and faculty members on the significance of **Intellectual Property Rights (IPR)** in different fields. The keynote address was delivered by **Prof. (Dr.) D. P. Kothari**, former Director of IIT Delhi, who shared valuable insights on the role of IPR in fostering innovation, protecting intellectual assets, and promoting economic growth. He highlighted how patents, copyrights, and trademarks play a crucial role in various industries, including technology, pharmaceuticals, and manufacturing.

During the webinar, Prof. Kothari discussed real-world case studies, emphasizing the impact of IPR on research and entrepreneurship. He encouraged participants to focus on developing **patentable innovations** and explained the steps involved in securing intellectual property. The session concluded with an interactive Q&A segment, where attendees clarified their doubts regarding patent filing procedures, commercialization of research, and legal aspects of IPR. The webinar was well-received and provided a deeper understanding of how intellectual property can be leveraged for professional and business success.



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Seminar on Navigating the Patent Filing Process

12th December 2021

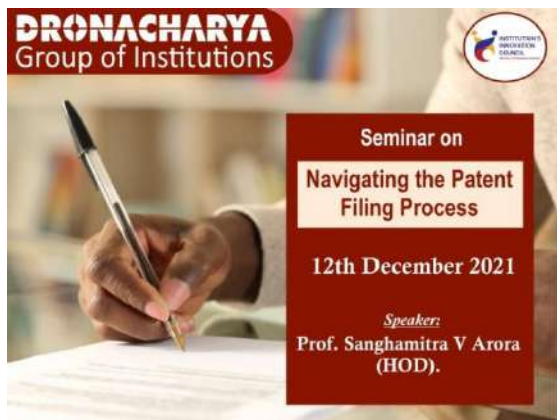
On 12th December 2021, the **Institution's Innovation Council (IIC)** under the **Ministry of Education (MoE)** at **Dronacharya Group of Institutions, Greater Noida**, organized an informative seminar on "**Navigating the Patent Filing Process.**" The session was conducted by **Prof. Sanghamitra V Arora (HOD)**.

The objective of the seminar was to **educate students, researchers, and faculty members about the importance of intellectual property rights (IPR)** and to **provide a clear understanding of the step-by-step process involved in filing patents.**

Prof. Arora shared valuable insights into the legal and technical aspects of patents, including patentability criteria, drafting techniques, and documentation requirements.

The seminar emphasized the critical role of innovation and the need to protect original ideas in today's competitive environment. She also shed light on various government schemes and support systems available to innovators and startups for patent filing.

The session concluded with an interactive Q&A round, where participants clarified their doubts and gained practical understanding. The event successfully enhanced awareness and encouraged a culture of innovation and IP protection within the institution.



A handwritten signature in blue ink, likely belonging to the Director of the institution.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Workshops/seminars/conferences including programs conducted on Entrepreneurship

India Start Up Day Expert Talk on Industrial Automation 22nd October 2021

On the occasion of India Startup Day, **Institution's Innovation Council (MoE), Dronacharya Group of Institutions, Greater Noida** organized an expert talk on “**Industrial Automation**” on **22nd October 2021**. **Mr. Vipin Yadav** (Senior Engineer, Orient Craft Limited) and **Mr. Bhupesh Sejwal** (Senior Sales Consultant, Mercedes Benz- Silver Arrow) were the guest speakers of the session. The event was attended by 80 students.

The main objective of the session was to make the aspiring engineers acquainted with the conceptual as well practical knowledge of the Industrial Automation & latest technologies being used to Industrial Achieve automation.

Mr. Bhupesh Sejwal started the session and gave lecture on industrial automation He emphasised on the industrial application and gave some of examples of applications used in industry. He continued the session and explained application of robots in various industrial sectors.

Mr. Vipin Yadav took the next session and focussed on programming logic controllers (PLCs). He also delivered PLCs applications and its usage in various examples and also gave hands-on- experience in writing simple PLC program.

Next the participants interacted with the expert speakers and cleared their doubts on Industrial Automation. In the end vote of thanks was delivered Dr. **S.K.Srivastava (Registrar DGI)**

Glimpses:



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Workshop on Entrepreneurship and Innovation as Career Opportunity

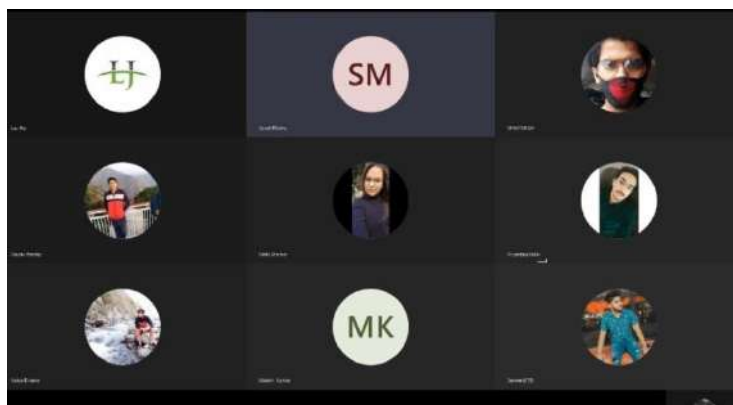
30th October 2021

Institution's Innovation Council (MoE), Dronacharya Group of Institutions, Greater Noida organized a workshop on “Entrepreneurship and Innovation as Career Opportunity” on 30th October, 2021 To impel and invigorate students to engender and guzzle the spirit of entrepreneurship in their routine pursuit. 200 students attended the workshop, where **Mr. Shakti Priya Saurav** (Founder of KragSol) demonstrated the process of Entrepreneurship statistics of India and life cycle of Entrepreneurship.

The Program was targeted to provide opportunities to undergraduate students, to expand their dexterities in various significant facets involved in building Career Opportunities in Entrepreneurship and Innovation.

Mr. Shakti Priya has elucidated on how to be an entrepreneur focusing on core areas of the Business building like the relationship between Innovation & Entrepreneurship, Barriers to Entrepreneurship, Qualities of an Entrepreneur, Internal & External Factors of Entrepreneurship and finally pondered on ‘My start up story and innovation’.

The talk was very intuitive and vehement. **Mr. Shakti** made students learn about the current scenario of venture starts-ups, skill-sets required and how variations in innovative ideas help one to develop entrepreneurship.




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Motivational Session by Successful Innovator

27th November 2021

Institution's Innovation Council (IIC), Ministry of Education (MoE) **Dronacharya Group of Institutions, Greater Noida** organized a “**Motivational Session by Successful Innovator**” on **27th November, 2021** to make student aware about IPR. 80 students and faculty attended session. Utkarsh Singhal (Project shortlisted for patent filing by AKTU) demonstrated his story of success in order to make students hope big and achieve big.

Utkarsh Singhal started the session and said the bridge between the theoretical aspects and real world is project based learning and this lack of application of knowledge in the real world throughout the course of study is what hinders students from truly appreciating the things that they study.

He mentioned, projects help students in understanding the subject better. Projects encourage digging deeper & learning new things. Projects make learning more learners driven than teacher driven. Projects help to become better learners and better engineers.

In his inspiring speech Utkarsh said, it is very likely that the projects don't give the expected results the first time. This is where student learn another skill from projects- debugging. He also spoke about balancing between smart work and hard work. He literally inspired the budding technocrats.

In the end he concluded, one should always explore new possibilities. You should design, create and build – be a real engineer.

The session ended with a note of inspiration, knowledge and understanding.

Glimpses:

Director

Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Motivational Session by Entrepreneur / Start-Up Founder

25th September 2021

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a “Motivational Session by Entrepreneur / Start-Up Founder” on **25th September, 2021** to encourage students towards entrepreneurship. 150 students along with 3 faculty members took part in the workshop. **Mr. Ankit Pradhan (Founder of Keasis Technology Pvt. Ltd.)** exemplify his story of success.

He initiated by saying, engineering has and always will shift its focus between applied and theoretical, hands-on and analytical to meet the needs of the day. Though the basic underpinnings of engineering education remain familiar, the environment and context within which engineers will need to practice reflects challenges and opportunities that are unique today.

He mentioned, an entrepreneur is someone that would never call himself an entrepreneur. He is someone that is happy to work, while all others are out partying. He is addicted to success and finally the entrepreneur knows one simple fact: “I will make it, maybe not immediately but absolutely and definitely”. You have to hustle and think outside the box to make things happen when you are beaten down relentlessly.

He concluded by saying failure is simply learning. When it comes to success hard work always comes into play. There is no greater contentment in life than that of hard work paying off and knowing you are self-made.

Glimpses:

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306



Session on Problem Solving and Ideation Workshop

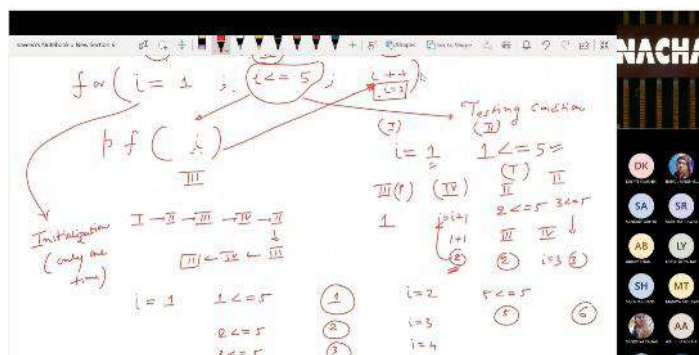
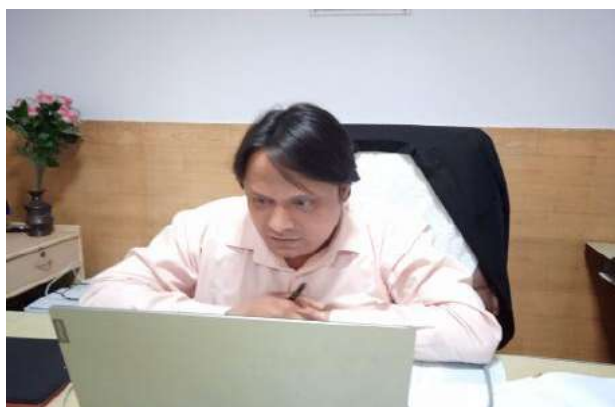
21st October 2021

Institution's Innovation Council (MoE), Dronacharya Group of Institutions, Greater Noida conducted an online session on “Problem Solving and Ideation Workshop” on **21st October, 2021**. 60 students attended the workshop. **Prof. Yashwardhan Soni** was the keynote speaker of the workshop.

An ideation session is created for a structured process in which a mentor can guide participants through exercises to come up with ideas for the situation they want to solve or the product they want to develop. This workshop is a hands-on, activity-based session built around the Design Thinking process.

The session mainly focused on:

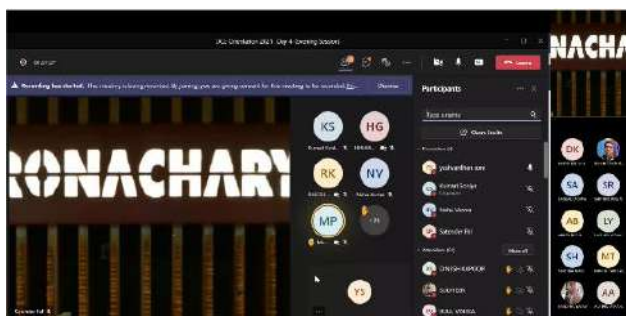
- Innovation methodology, framework & building on skills and tools.
- Brain storming and ideation sessions.
- Identifying Problems having business potential.
- How to conceive the idea, what are the best practices and how to build a good team?



(Signature)

Director

Dronacharya Group of Institutions
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“Start-up Program-Business Model Canvas (BMC)”

28th May, 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE) Dronacharya Group of Institutions, Greater Noida organized an online session on **“Start-up Program-Business Model Canvas (BMC)”** on **28th May, 2022**. 30 students attended the session. The session was led by Mr. Dhruv, founder of Instadiet and coordinated by Dr. Hari Mohan Rai, Assistant Professor (ECE).

Mr. Dhruv counselled the students on how to start their own start-ups and regarding the first step towards the aim. He guided the students on how to avoid the most common mistakes made by freshers. Along with this Mr. Dhruv informed the students with the mostly used technologies in start-up world.

He shared some pertinent ground rules and some valuable best practices that are essential in the field.

The session ended with brief discussions on start-up ideas presented by students.

To encourage, enlighten & motivate the students to think out of the box and start their own ventures. Students get familiar with Business Model Canvas and different template for developing new business model



(Signature)

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Academic Year 2020-21

Workshops/seminars/conferences conducted on Research Methodology

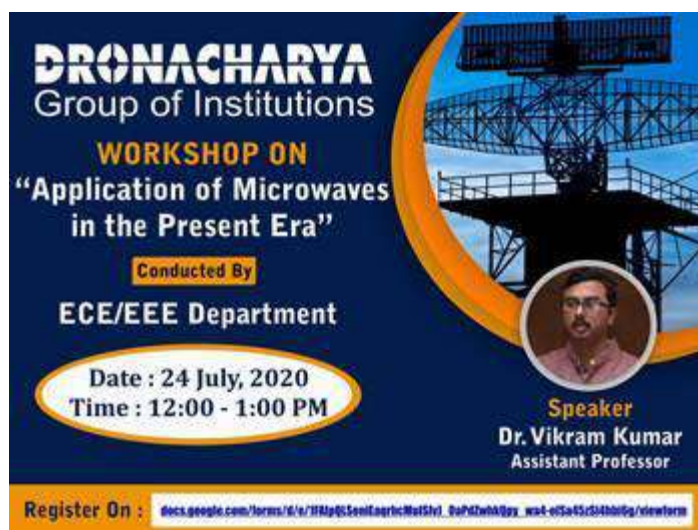
Webinar on "Application of Microwave in the Present Era"

24th July 2020

A webinar on “**Application of Microwave in the Present Era**” was organized by the Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida on **24th July 2020** to apprise the students of career opportunities in core electronic industry. The webinar was presided by **Prof. (Dr.) Arpita Gupta**, Honorable Director, Dronacharya Group of Institutions, Greater Noida. **Mr. Pranay Bhadauria**, Assistant Professor, ECE & EEE, Dronacharya Group of Institutions, Greater Noida organized the event.

Dr. Vikram Kumar, Assistant Professor, NIT Patna was the keynote speaker in the webinar. **Dr. Vikram Kumar** has wide experience and has done specialization in Antenna and Microwave Engineering from IIT BHU, Varanasi core. He mentioned in his talk that Microwaves are a type of electromagnetic radiation, as are radio waves, ultraviolet radiation, X-rays and gamma rays. Microwaves have a range of applications, including communications, radar and, perhaps best known by most people, cooking. The Webinar is on the topic ‘Applications of Microwaves in the Present Era’. Application of Communication, Defence, Atmospheric Data Collection, Waste and Hygiene, Medicine, and some advance research topics. The proposed webinar aims to build knowledge of Microwave Application at present and to motivate young minds for entrepreneurship. Any engineering branch can use this technology for their interdisciplinary research or some innovative product development.

The students appreciated the opportunity to interact with **Dr. Vikram Kumar** who gave industry insight and approaches. In the end **Mr. Pranay Bhadauria** thanked **Dr. Vikram Kumar** for his valuable suggestions to the students.



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Webinar on Significance of 5G Technology

29th September 2020

CSI Student Chapter, Dronacharya Group of Institutions, Greater Noida organized the online webinar on “Significance of 5G Technology” on 29th September 2020. Dr. Hajar Binti Ja'afar, Senior Lecturer, Faculty of Electrical Engineering, Universiti Teknologi MARA (Terengganu), MALAYSIA was the eminent speaker.

Prof. (Dr.) Arpita Gupta - Director DGIGN welcomed the guest. After a short welcome speech, she handed over to Dr. Hajar to take the charge.

Dr. Hajar started with the discussion on the evolution of wireless networks towards 5G, the next generation of cellular technology, brings exceptional communications capabilities for utilities and opens new opportunities for collaboration with mobile network operators with recent industrial applications.

She also highlighted on the new mobile technology, 5G, challenges the current scenario in communications by overcoming the flaws of currently working 4G. Such new technology offers to smart cities and intelligent transportation systems a new way to become fully integrated by allowing massive simultaneous connections and ubiquity of network, even under high mobility situations or dense populated areas.

The webinar was knowledgeable as students got to know the recent technology.

The session ended with a vote of thanks.

The poster is for a webinar titled "Significance of 5G Technology". It features a dark blue background with a yellow and orange diagonal stripe on the right. At the top left is the FHE logo, and at the top right is the ARC logo. The text "DRONACHARYA Group of Institutions" is in yellow and white. Below it, "WEBINAR" is in large yellow letters, followed by "on" in white. The theme "Theme: Get Corporate Ready" and topic "Topic: 'Significance of 5G Technology'" are in yellow and white. A date box in the bottom left contains "Date: 29th September, 2020" and "10 AM - 11 AM". On the right is a photo of Dr. Hajar Binti Ja'afar, a woman in a yellow hijab and blue graduation gown. At the bottom right, her name and title "Dr. HAJAR BINTI JA'AFAR Senior lecturer(EEE), University Teknologi MARA, MALAYSIA" are listed in white and yellow. The website "gnindia.dronacharya.info" is at the bottom left.

DRONACHARYA
Group of Institutions

WEBINAR
on
Theme: Get Corporate Ready
Topic: "Significance of 5G Technology"

Date:
29th September, 2020
10 AM - 11 AM

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Dr. HAJAR BINTI JA'AFAR
Senior lecturer(EEE), University
Teknologi MARA, MALAYSIA


Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Webinar On “VLSI Design: Techniques & Recent Trends”

26th December 2020

IEEE Student Chapter, Dronacharya Group of Institutions, Greater Noida organized a webinar on **VLSI Design: Techniques & Recent Trends** on **26th December 2020**. **Mr. Utkarsh Mishra**, Technical Lead at STMicroelectronics was the keynote speaker in the webinar. **Mr. Probeer Sahw**, HOD, ECE & EEE, **Dronacharya Group of Institutions, Greater Noida** organized the event.

The objective of the event was to apprise the students of career opportunities in core electronic.

The webinar was presided by Prof. (Dr.) Arpita Gupta, Director, Dronacharya Group of Institutions, Greater Noida. Mr. Mishra mentioned in his talk that there are exciting growth opportunities for engineers who are strong in electronic design fundamentals, have an interest in VLSI design and verification. He then explained about various job roles in the industry and clearly demarcated the skill requirements for each profile. He then discussed about the current state of the VLSI industry in India at length. He finished his talk with some valuable tips to focus on key concepts and subjects essential for the industry. In the end Mr. Sahw thanked Mr. Mishra for his valuable suggestions to the students.

The students appreciated the opportunity to interact with Mr. Mishra who gave industry insight and approaches.



A handwritten signature in blue ink, likely belonging to the Director of Dronacharya Group of Institutions.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Webinar on "Recent Trends in Innovation and Trending"

9th September 2020

ED Cell of Dronacharya Group of Institutions, Greater Noida, organized a **webinar on "Recent Trends in Innovation and Trending"** on 9th September 2020. The session was conducted by **Mr. Kaustubh Kumar Shukla (Assistant Professor)**, who provided valuable insights into **emerging innovations, technological advancements, and industry trends shaping the future.**

The webinar aimed to educate participants about **the importance of innovation in business, technology, and research**, emphasizing how **disruptive technologies like Artificial Intelligence, IoT, Blockchain, and sustainable solutions** are transforming industries.

Mr. Shukla highlighted **key trends driving innovation across various sectors**, discussing **real-world applications and successful case studies of startups and established businesses leveraging these advancements.** He also encouraged participants to **develop an innovative mindset, adapt to technological changes, and explore entrepreneurial opportunities in trending domains.**

The session concluded with an interactive Q&A segment, allowing students to seek guidance on **innovation strategies, industry demands, and career prospects.** The webinar successfully inspired attendees to **embrace creativity, think critically, and explore opportunities in the ever-evolving innovation landscape.**



Director

Dronacharya Group of Institutions
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Workshops/seminars/conferences on Intellectual Property Rights (IPR)

Webinar on "Application of IPR in Various Sectors"

28th November 2020

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a webinar on "Application of IPR in Various Sectors" on 28th November 2020. The session was led by Prof. (Dr.) B.R. Natarajan, a distinguished professor at Banasthali Vidyapith, Rajasthan, and former Dean at BITS Pilani.

The webinar aimed to raise awareness about the **growing significance and practical applications of Intellectual Property Rights (IPR)** across multiple industries, including **pharmaceuticals, engineering, agriculture, software, and design.**

During the session, experts emphasized how **IPR fosters innovation, enhances competitiveness, and contributes to economic growth** by securing technological and creative advancements.

The webinar provided participants with valuable insights into **real-world applications of patents, trademarks, copyrights, and industrial designs** across different domains. It also explored how businesses and individuals can effectively utilize **IPR strategies to protect their innovations and establish a competitive edge in the market.**

The interactive format allowed attendees to actively engage with the speaker, ask questions, and clarify common doubts related to intellectual property. The session concluded by reinforcing the **importance of IPR awareness for innovators, entrepreneurs, and academic researchers**, encouraging them to integrate IPR protection into their innovation journey.



DRONACHARYA
Group of Institutions

Webinar on
Application of IPR in Various Sectors

Date:
28th November 2020

Co-ordinator:
Prof. (Dr.) B.R. Natarajan,
Professor @
Banasthali Vidyapith, Rajasthan




Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Webinar on “Role of IPR in Industry 4.0 and IoT Innovation”

9th April 2021

The **Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida**, organized a **webinar on "Role of IPR in Industry 4.0 and IoT Innovation"** on **9th April 2021**. The session was conducted by **Kaustubh Kumar Shukla (Assistant Professor)**

The aim of the webinar was to enlightening students, researchers, and industry professionals about the crucial role of **Intellectual Property Rights (IPR)** in the era of **Industry 4.0 and the Internet of Things (IoT)**.

The speaker highlighted how IPR serves as a protective mechanism for technological advancements in automation, smart manufacturing, and interconnected systems. The discussion covered key topics such as **patent protection for IoT-based innovations, trademarks in digital technologies, and copyright considerations in software-driven industries**.

The webinar provided participants with **practical insights into the significance of securing intellectual property in a rapidly evolving digital landscape**. Attendees learned about real-world applications of **IPR in AI-driven systems, robotics, and smart devices**, ensuring that technological breakthroughs remain safeguarded from unauthorized use.

The interactive session allowed participants to engage with the speaker, discuss challenges in patenting IoT solutions, and explore strategies for leveraging IPR for business growth. The event concluded by emphasizing the necessity of **IPR awareness among innovators, entrepreneurs, and researchers**, inspiring them to integrate IP protection into their technological advancements.

DRONACHARYA
Group of Institutions

Webinar on
**Role of IPR in Industry 4.0
and IoT Innovations**

Date:
9th April, 2021

Co-ordinator:
Kaustubh Kumar Shukla
(Assistant Professor)





Director
Dronacharya Group of Institutions
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Webinar on "Introduction to IPR: Patents, Trademarks, Copyrights, and Trade Secrets"

17th June 2020

The **Entrepreneurship Development (ED) Cell** of **Dronacharya Group of Institutions, Greater Noida**, organized a **webinar on "Introduction to IPR: Patents, Trademarks, Copyrights, and Trade Secrets"** on **17th June 2020**. The session was conducted by **Mr. Anil Kumar Srivastava**, an expert with **37 years of industrial experience and 10 years of academic expertise**.

The webinar aimed to provide participants with a **comprehensive understanding of Intellectual Property Rights (IPR)** and their significance in protecting innovations, branding, and creative works.

Mr. Srivastava elaborated on the fundamentals of **patents, trademarks, copyrights, and trade secrets**, explaining their role in fostering innovation and ensuring business competitiveness.

The session offered **valuable insights into the legal and commercial aspects of IPR**, guiding participants on how to secure their intellectual property and leverage it for business growth. Mr. Srivastava shared **real-world examples** of how industries benefit from effective IPR strategies and discussed the challenges faced in enforcing these rights.

The interactive format allowed students to engage with the speaker, ask questions, and clarify doubts related to **patent filing, brand protection, and intellectual asset management**. The event concluded with a strong emphasis on the **importance of IPR awareness among students, researchers, and entrepreneurs**, encouraging them to integrate IP protection into their innovative pursuits.

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Webinar on
**Introduction to IPR: Patents, Trademarks,
Copyrights, and Trade Secrets**

Date : 17 June, 2020
Time : 11:40 AM - 1:00 PM

Mr. Anil Kumar Srivastava
Experience : Industrial 37 yrs
Academic : 10 yrs

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Director
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Online session on "Patent Filing Process: National and International Procedures."

2nd July 2020

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, hosted an **online session on "Patent Filing Process: National and International Procedures"** on 2nd July 2020. The session, led by **Prof. Sanghamitra V. Arora**,

The aim of the session was to equip participants with a thorough understanding of the **patent filing process** at both **domestic and global levels**. Prof. Arora provided valuable insights into the **importance of patents in protecting innovations** and guided attendees through the **step-by-step process of filing patents** in different jurisdictions.

The session also covered key aspects such as **patentability requirements, essential documentation, and the legal frameworks governing intellectual property rights** in India and abroad.

The discussion focused on **effective strategies for securing patents** through entities like the **Indian Patent Office (IPO), the Patent Cooperation Treaty (PCT), and regional patent organizations**. Participants were introduced to crucial concepts such as **prior art search, patent claim drafting, and the overall timeline for obtaining a patent**.

The session fostered an interactive environment, enabling Students to actively engage with the speaker, seek clarifications, and explore prevalent challenges in the patent filing process. It concluded with a strong focus on raising awareness about **Intellectual Property Rights (IPR)** among students, researchers, and entrepreneurs, motivating them to protect their innovations and leverage them for growth and advancement.



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Workshops/seminars/conferences including programs conducted on Entrepreneurship

Innovation & Entrepreneurship Conclave

12th March 2021

The **Institutions Innovation Council (IIC)**, Ministry of Education (MoE), at **Dronacharya Group of Institutions, Greater Noida**, organized an "**Innovation & Entrepreneurship Conclave**" aimed at fostering creativity and entrepreneurial thinking among college students. The session, held on **12th March 2021**, was conducted by **Dr. Kaustubh Kumar Shukla (Innovation Ambassador, DGI)** and focused on the theme "**Future Creators: Innovate, Build, Transform.**"

The conclave provided an opportunity for students to explore **cutting-edge technologies and entrepreneurial concepts** while gaining hands-on experience in innovative problem-solving.

Dr. Kaustubh Kumar Shukla introduced the **concept of innovation** through engaging presentations, emphasizing that innovation involves the creation of new ideas in both tangible and intangible forms. He encouraged students to enhance their **critical thinking and problem-solving skills** through mind games, brain teasers, and logical reasoning exercises. Additionally, he highlighted the importance of environmental consciousness and urged students to explore sustainable solutions for a greener future.

The event also featured a **competition where students presented their innovative models and ideas**, which were recognized and appreciated. Towards the end, **Dr. Shukla acknowledged the contributions of Dronacharya Group of Institutions** in promoting research and innovation, while also guiding students on **various career opportunities** in entrepreneurship and STEM fields.

Objective:

To **inspire innovation** and cultivate an **entrepreneurial mindset** among college students.

Benefits:

Participants developed **technological expertise, business insights, and creative confidence**, empowering them to become future innovators and entrepreneurs.



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Webinar on "How to Kickstart Your Entrepreneurial Journey"

4th August 2020

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a **webinar on "How to Kickstart Your Entrepreneurial Journey"** on **4th August 2020**. The session was conducted by **Ms. Pallavi Verma (Assistant Professor)**, who guided students and aspiring entrepreneurs on the essential steps to begin their startup journey.

She emphasized the **importance of identifying business opportunities, developing innovative ideas, and creating a strong business model**. The session also covered key topics such as **market research, funding options, risk management, and the role of perseverance in entrepreneurship**.

Ms. Pallavi Verma shared **real-life case studies** and practical insights to help participants understand the challenges and rewards of starting a business. She encouraged students to **adopt an entrepreneurial mindset, think creatively, and leverage available resources** to transform their ideas into successful ventures.

The webinar concluded with an interactive Q&A session, where students clarified their doubts and received expert guidance. The event successfully **inspired students to take the first step towards entrepreneurship**, equipping them with valuable knowledge and confidence to explore their business aspirations.



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Webinar on "E-Commerce and Digital Marketing – A New Era of Entrepreneurship"

9th January 2021

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a webinar on "E-Commerce and Digital Marketing – A New Era of Entrepreneurship" on 9th January 2021. The session featured Mr. Ankit Pradhan, Founder of Keasis Technology Pvt. Ltd., as the keynote speaker. The webinar aimed to enlighten students and aspiring entrepreneurs about the **growing influence of digital platforms in modern business**. Mr. Pradhan provided valuable insights into **emerging trends in e-commerce, the power of digital marketing, and how businesses can leverage online strategies to enhance their reach and profitability**. He emphasized the role of **SEO, social media marketing, and data analytics** in building a successful online presence.

The session also covered essential aspects of **starting and scaling an e-commerce business**, including **customer engagement strategies, digital payment systems, and competitive market positioning**. Mr. Pradhan shared **real-world case studies and industry experiences**, offering practical knowledge on how businesses can adapt to the digital age. The webinar concluded with an interactive Q&A session, where attendees had the opportunity to clarify their doubts and seek expert advice. The event successfully **inspired students to explore entrepreneurial opportunities in the digital landscape**, equipping them with essential knowledge and skills to navigate the e-commerce and digital marketing industry.



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Three-Day Workshop on “Rural Entrepreneurship and Rural Start-Ups”

17th to 19th February 2021

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a three-day workshop on "Rural Entrepreneurship and Rural Start-Ups" from 17th to 19th February 2021. The session was conducted by Mr. Parag S. Kavthekar, Technical Trainer (North Region), BOSCH Ltd., who provided deep insights into entrepreneurial opportunities in rural areas and the significance of rural start-ups in driving economic growth.

The workshop aimed to empower students with knowledge about sustainable business models, government initiatives for rural entrepreneurship, and the role of innovation in transforming rural economies.

During the workshop, Mr. Kavthekar elaborated on strategies for identifying rural market needs, leveraging local resources, and integrating technology to enhance productivity and business scalability.

The session included interactive discussions, case studies, and hands-on activities, allowing participants to develop practical solutions for rural development. Attendees also gained insights into challenges faced by rural entrepreneurs and ways to overcome them through strategic planning and innovation.

The event concluded with an engaging Q&A session, encouraging students to explore entrepreneurial ventures in rural areas and contribute to sustainable economic growth. The workshop successfully inspired participants to consider rural entrepreneurship as a viable career path, equipping them with essential skills and knowledge for future endeavors.



DRONACHARYA
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Three Days Workshop on
**“Rural Entrepreneurship and
Rural Start-Ups”**

Date:
17th to 19th February 2021

Speaker:
Mr. Parag S. Kavthekar
(Technical Trainer ;
North Region; BOSCH Ltd.)



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Webinar on “Getting Started with Problem Solving”

14th and 15th May 2021

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a **two-day webinar on "Getting Started with Problem Solving"** on 14th and 15th May 2021. The session was conducted by **Mr. Vikas Rai, CEO and Founder of Hacker's Tribe**, who provided valuable insights into **structured problem-solving approaches, critical thinking techniques, and innovation-driven solutions**.

The webinar aimed to equip students and aspiring entrepreneurs with **effective strategies to identify, analyze, and solve real-world problems** in various domains, including business, technology, and social entrepreneurship.

Mr. Rai discussed **different methodologies such as design thinking, root cause analysis, and logical problem-solving frameworks**, helping participants understand how to break down complex challenges into manageable solutions. Through **interactive discussions and live examples**, he emphasized the importance of **creative thinking, adaptability, and collaboration** in addressing industry-specific and societal problems.

The session also featured a **Q&A segment**, where students engaged with the speaker to clarify their doubts and seek guidance on developing an entrepreneurial mindset. The event concluded with an emphasis on **building problem-solving skills as a key competency for future innovators and business leaders**, inspiring students to apply these techniques in their academic and professional journeys.

DRONACHARYA
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Webinar on

"Getting Started with Problem Solving"

Speaker:

Mr. Vikas Rai

(CEO and Founder of Hacker's Tribe)

Date:

**14 & 15 May,
2021**



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Webinar on “Financial Planning and Business Sustainability”

11th June 2020

ED Cell of Dronacharya Group of Institutions, Greater Noida, organized a webinar on "Financial Planning and Business Sustainability" on 11th June 2020. The session was conducted by Prof. Dr. S. Chatterjee, Former Professor and HOD of EEE at NITTTR Chandigarh, who provided valuable insights into the importance of financial management and sustainable business strategies for entrepreneurs.

The webinar sought to equip students and future business leaders with essential knowledge on strategic financial planning, risk management, and sustainable business growth approaches.

Dr. Chatterjee emphasized the **critical role of financial literacy in entrepreneurial success**, discussing key concepts such as **budgeting, investment planning, cost management, and financial forecasting**.

The session also covered **various approaches to ensuring business sustainability**, including **resource optimization, risk mitigation, and ethical financial practices**. Dr. Chatterjee shared **real-world case studies** to illustrate how businesses can achieve financial stability while adapting to changing market conditions.

The interactive nature of the webinar allowed participants to **engage in discussions, seek expert advice, and gain practical knowledge on financial decision-making**.

The event concluded with a strong emphasis on **developing financial acumen as a fundamental skill for entrepreneurs**, equipping attendees with the knowledge needed to build and sustain successful ventures.



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Academic Year 2019-20

Workshops/seminars/conferences conducted on Research Methodology

Seminar on Digital Marketing and Effective Utilization of Marketing Tools 14th February 2020

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized an insightful seminar on "Digital Marketing and Effective Utilization of Marketing Tools" on 14th February 2020. The session was conducted by Dr. Sahab Singh, faculty at Dronacharya Group of Institutions, with 45 students actively participating.

The seminar aimed to introduce students to **key digital marketing concepts, innovative tools, and modern marketing techniques** essential in today's competitive business landscape.

Dr. Singh provided in-depth knowledge on **online marketing strategies, search engine optimization (SEO), social media management, and data-driven decision-making** to help students understand the significance of digital marketing in brand building and business growth.

Objective:

- To equip students with **essential digital marketing knowledge** and practical skills.
- To introduce **SEO, social media strategies, and data analytics** for business success.
- To demonstrate the **impact of digital tools on customer engagement and brand awareness**.

Benefits:

- Students gained **hands-on experience** with various digital marketing tools.
- They understood the **role of digital platforms in business growth and customer reach**.
- The interactive session helped clarify doubts and encouraged **critical thinking in marketing strategies**.

The seminar wrapped up with an engaging Q&A session, where students enthusiastically participated in discussions, tackling challenges and examining real-world applications of digital marketing. It served as an enriching learning opportunity, equipping students with practical knowledge and strategic insights to effectively incorporate digital marketing into their future entrepreneurial endeavors.




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Workshop on “Exploring Fundamental Literature Review Concepts and the Significance of Citation in Research”

5th August 2019

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a workshop on **“Exploring Fundamental Literature Review Concepts and the Significance of Citation in Research”** on **5th August 2019**. The session was conducted by **Ms. Sanghamitra V. Arora**, who provided participants with a comprehensive understanding of literature review methodologies and the crucial role of citations in academic and research work.

The workshop aimed to enhance students' research skills by introducing them to effective techniques for conducting literature reviews, identifying credible sources, and analyzing scholarly work.

Ms. Arora emphasized the importance of properly citing references to maintain academic integrity and avoid plagiarism. During the session, students were guided on how to structure a literature review, synthesize information, and critically evaluate sources for research papers and projects.

She also introduced various citation styles such as APA, MLA, and IEEE, explaining their significance in different academic disciplines. Interactive discussions and hands-on exercises helped students gain practical experience in managing references and using citation management tools.

The workshop concluded with a Q&A session, where students clarified their doubts regarding citation best practices and literature review strategies. The event successfully equipped participants with essential research skills, enabling them to conduct more structured and credible academic studies.




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Workshop on Research Methodology **11th - 15th February 2019**

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a five-day workshop on Research Methodology from 11th to 15th February 2019. The workshop was conducted by Dr. Ritu Soryan (Professor & Dean Student's Welfare) and

The aim is to provide students and researchers with a strong foundation in research methods, data analysis, and academic writing.

The session covered essential aspects of research, including problem identification, hypothesis formulation, research design, data collection techniques, and statistical analysis. Dr. Soryan emphasized the significance of adopting a systematic approach to research and discussed various qualitative and quantitative methodologies.

The workshop included interactive discussions, case studies, and practical exercises to help participants develop a deeper understanding of research processes. Special focus was given to writing research papers, structuring dissertations, and ethical considerations in research. Attendees were also introduced to various data analysis tools and software that enhance research accuracy.

The final session featured a Q&A round where students sought guidance on their research projects and clarified doubts about methodology selection. The event successfully empowered participants with valuable research skills, fostering a culture of academic excellence and innovation.




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Session on Grant Writing and Research Funding Opportunities"

7th August 2019

The session on "Grant Writing and Research Funding Opportunities" was organized on 7th August 2019 by the Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida. Led by Mr. Kaustubh Kumar Shukla,

The session aimed to equip researchers, academicians, and students with the essential skills required to craft compelling grant proposals and secure research funding.

Mr. Shukla provided insights into various funding agencies, proposal structuring, and effective techniques for writing grant applications that align with funders' expectations. He also highlighted common mistakes to avoid and strategies to enhance the chances of securing financial support for research projects.

The session emphasized the importance of research funding in driving innovation and academic progress. Attendees were introduced to different national and international funding opportunities, including government grants, industry-sponsored research, and institutional funding programs.

The interactive nature of the session allowed participants to seek expert advice on proposal drafting and funding application strategies. The event concluded with an engaging Q&A segment, where Mr. Shukla addressed queries related to funding eligibility, budget planning, and submission procedures. Overall, the session proved to be highly beneficial, empowering participants with practical knowledge to navigate the complexities of research funding.



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Workshops/seminars/conferences on Intellectual Property Rights (IPR)

Workshop on Types of Intellectual Property: Patents, Copyrights, Trademarks, Trade Secrets **Date: 25th July 2019**

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a seminar on "Types of Intellectual Property: Patents, Copyrights, Trademarks, Trade Secrets" on 25th July 2019. The session, conducted by Prof. Sanghamitra V. Arora, aimed to educate students, researchers, and faculty members on the fundamental concepts of Intellectual Property Rights (IPR) and their significance in protecting innovations and creative works.

She provided an in-depth understanding of various IPR types, explaining their differences, applications, and legal frameworks governing them at national and international levels.

The seminar covered essential aspects of intellectual property, including patent filing procedures, copyright laws for creative content, trademark registration for brand protection, and the role of trade secrets in maintaining business competitiveness.

Prof. Arora highlighted real-world case studies to illustrate how businesses and individuals can strategically utilize IPR to safeguard their innovations. The interactive session encouraged participants to ask questions and discuss the impact of intellectual property on entrepreneurship and technological advancements.

The event concluded with valuable insights on the importance of IPR awareness, motivating attendees to explore ways to protect and commercialize their ideas effectively.



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**Workshop on "Securing Innovation: Intellectual Property Rights in the
Creative Process"**
23rd March 2020

The Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a workshop on "Securing Innovation: Intellectual Property Rights in the Creative Process" on 23rd March 2020. The session was conducted by Ms. Pallavi Verma and attended by 45 enthusiastic students.

The objective of the workshop was to enhance participants' understanding of Intellectual Property Rights (IPR) and their critical role in protecting and commercializing creative and technological innovations.

Ms. Verma elaborated on various forms of IPR, including patents, copyrights, trademarks, and trade secrets, providing clarity on how they serve as essential tools for safeguarding original ideas and inventions.

The workshop featured interactive discussions, real-world case studies, and a step-by-step guide on securing intellectual property. Ms. Verma emphasized the importance of integrating IPR strategies into the creative and entrepreneurial process to prevent unauthorized use and foster innovation-driven growth.

The Q&A session saw active student participation, delving into legal guidelines, application procedures, and strategic approaches to leveraging Intellectual Property Rights (IPR) for business advancement. The session concluded with an inspiring takeaway, urging aspiring innovators and entrepreneurs to safeguard their intellectual assets proactively, ensuring sustainable development in their respective domains.



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Intellectual Property Rights (IPR) Awareness Programme for Faculty

18th May 2020

Entrepreneurship Development (ED) Cell Dronacharya Group of Institutions, Greater Noida, organized an **Intellectual Property Rights (IPR) Awareness Programme** for faculty members on **18th May 2020**. The session was conducted by **Dr. Sanghmitra V. Arora**, a distinguished expert in the field of intellectual property.

The objective of the programme was to create awareness about the importance of IPR in academia, especially in the context of research, innovation, and product development.

The event served as a platform for faculty members to gain foundational knowledge about IPR and understand how protecting intellectual assets can enhance academic and professional growth.

During the session, Prof. Arora elaborated on various components of IPR, including patents, copyrights, trademarks, and the legal procedures involved in securing these rights. She emphasized the relevance of IPR in safeguarding innovative ideas and research outcomes, encouraging faculty members to actively engage in the process of patenting and documentation.

The interactive session was well-received, and participants appreciated the clarity and depth of information shared. Overall, the programme significantly contributed to building a culture of innovation and intellectual property awareness within the institution.



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Workshop on Patent Searching and Drafting

26th February 2020

Entrepreneurship Development (ED) Cell Dronacharya Group of Institutions, Greater Noida, conducted a **Workshop on Patent Searching and Drafting** for students on **26th February 2020**, with the objective of building practical knowledge and skills related to intellectual property. The session was led by Dr. Kaustubh Kumar Shukla, a well-known expert in patent law and intellectual property management.

The workshop introduced students to the basics of patent searching, how to navigate patent databases, and how to identify innovations that can be protected by patents. Dr. Shukla emphasized the importance of conducting thorough patent searches to prevent duplication and to support original thinking and innovation.

Alongside patent searching, the workshop also explored essential elements of patent drafting such as how to structure a patent document, write effective claims, and present technical descriptions. He provided real-world examples and engaged students in practical exercises to help them better understand the concepts.

The session was interactive and engaging, offering students a valuable opportunity to learn how intellectual property rights can safeguard their creative ideas and innovations. The workshop proved to be a meaningful learning experience, empowering students to take informed steps toward protecting their work in the future.

DRONACHARYA
Group of Institutions

Workshop on

“Patent Searching and Drafting”

26th February 2020

Speaker:

Dr. Kaustubh Kr Shukla

Assistant Professor



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Director
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Workshops/seminars/conferences including programs **conducted on Entrepreneurship**

Guest Lecture on "Brand Building Strategies"

17th July 2019

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a guest lecture on "Brand Building Strategies" on 17th July 2019. The session was conducted by **Ms. Pallavi Verma (Assistant Professor)** and was attended by **49 students** eager to learn about the fundamentals of **brand development, market positioning, and effective branding techniques.**

The lecture aimed to provide students with valuable insights into how businesses create strong brand identities, differentiate themselves in competitive markets, and establish long-term customer loyalty.

Ms. Verma explained key branding elements such as brand vision, storytelling, digital marketing, and consumer engagement strategies, emphasizing the importance of a well-defined brand in business success.

The session included real-world examples of successful brands, highlighting the role of innovation, consistency, and emotional connection in brand growth. Students actively participated in discussions, analyzing case studies and brainstorming branding ideas for different industries. She also provided practical guidance on how startups and entrepreneurs can leverage social media, content marketing, and strategic partnerships to enhance brand visibility.

The lecture concluded with an engaging Q&A session, where students sought advice on brand strategy implementation and career opportunities in marketing and entrepreneurship. The event successfully equipped participants with the knowledge and inspiration to build strong, impactful brands in their future endeavors.

DRONACHARYA
Group of Institutions

Guest Lecture on **"Brand Building Strategies"**

17th July, 2019

Speaker:
Mr. Mayank Shukla
CEO
(Thoughts2Binary Consulting and Solutions)



Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Event: "Speak Your Mind on Entrepreneur"

21st November 2019

The **Entrepreneurship Development (ED) Cell** of **Dronacharya Group of Institutions, Greater Noida**, hosted an engaging session titled **"Speak Your Mind on Entrepreneur"** on **21st November 2019**. The event featured **Mr. Ankit Pradhan, Founder of Keasis Technology Pvt. Ltd.**, as the guest speaker.

The session provided students with a dynamic platform to share their perspectives on entrepreneurship, explore innovative business ideas, and gain insights into the challenges of establishing a startup. Mr. Pradhan reflected on his entrepreneurial experiences, shedding light on the essential skills, resilience, and strategic thinking required to build a successful business. He also discussed emerging market opportunities, risk assessment, and the crucial role of innovation, encouraging students to embrace entrepreneurship with confidence.

The session fostered active engagement, allowing students to voice their thoughts, exchange creative ideas, and participate in thought-provoking discussions on business and startups. Mr. Ankit highlighted the significance of adaptability, networking, and continuous learning in an evolving business environment. He further elaborated on funding options, business expansion strategies, and utilizing digital tools for entrepreneurial success.

The event concluded with an interactive Q&A session, where students received valuable guidance on transforming their business concepts into reality. This insightful discussion inspired attendees to think outside the box, take calculated risks, and cultivate an entrepreneurial mindset to navigate the business landscape successfully.

DRONACHARYA
Group of Institutions

Workshop on

"Speak Your Mind on Entrepreneur"

21st November, 2019

Speaker:

Mr. Ankit Pradhan,

Founder of Keasis Technology Pvt. Ltd.



Director

Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Entrepreneurship Awareness Camp

26th-28th July 2019

The **Institution Innovation Council (IIC)** of **Dronacharya Group of Institutions, Greater Noida**, in collaboration with the **Innovation Entrepreneurship Development Cell (IEDC)**, **DGI**, organized a **three-day "Entrepreneurship Awareness Camp"** from **26th to 28th July 2019**. The program aimed to equip students with essential knowledge about **entrepreneurship, innovation, and business development**, helping them understand the key aspects of becoming successful entrepreneurs.

As part of the event, Prof. (Dr.) Hari Mohan Rai, Innovation Ambassador, DGI, conducted a lecture session, emphasizing the significance of innovation-driven activities. He discussed the benefits of innovation and encouraged students to explore opportunities in research and entrepreneurship. Additionally, he addressed students' queries, providing insights into the importance of creative problem-solving in business.

On the final day, an engaging classroom activity was organized, where students were tasked with developing a detailed business plan and presenting their innovative ideas to faculty members and fellow participants. This activity, coordinated by Prof. (Dr.) Hari Mohan Rai, fostered creativity and strategic thinking among students. The enthusiastic participation and dynamic exchange of ideas made the session an enriching and inspiring experience, leaving students motivated to explore their entrepreneurial potential.



Handwritten signature of the Director.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Entrepreneurship Development Program

31st January to 3rd February 2020

Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida, organized a **four-day Entrepreneurship Development Program** from **31st January to 3rd February 2020**. The program was conducted by **Ms. Sanghamitra V. Arora**, who guided students through the **fundamentals of entrepreneurship, business development, and startup strategies**.

The objective of the program was to equip aspiring entrepreneurs with the necessary skills, knowledge, and confidence to start and sustain a successful business.

Ms. Sanghamitra discussed key aspects such as business idea generation, market analysis, financial planning, risk assessment, and innovation-driven entrepreneurship.

Throughout the four days, participants engaged in interactive sessions, case studies, and practical activities that helped them understand the real-world challenges of entrepreneurship. Ms. Arora emphasized the importance of strategic decision-making, adaptability, and leveraging technology for business growth.

The program also featured hands-on exercises where students developed business models and presented their startup ideas.

The event concluded with an engaging Q&A session, where students received expert guidance on transforming their entrepreneurial aspirations into viable business ventures. The program proved to be a valuable learning experience, inspiring students to pursue innovation and contribute to the entrepreneurial ecosystem.



Director

Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Workshop on Legal Aspects of Starting a Business

20th December 2019

To equip aspiring entrepreneurs with a strong foundation in business legality, the **Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida**, hosted an insightful workshop on "**Legal Aspects of Starting a Business**" on **20th December 2019**. The session was led by **Mr. Ankit Kumar Soni, CEO and Founder of Wake-Up Technology Pvt. Ltd.**, who provided a **comprehensive overview of the legal and regulatory considerations involved in launching a startup**.

The workshop focused on the importance of legal compliance, business registration, intellectual property rights, and financial regulations, ensuring that students understood the critical legal framework necessary for building a successful enterprise.

During the session, Mr. Soni delved into key areas such as company formation, tax policies, contract laws, and government-backed startup initiatives. He emphasized the necessity of selecting an appropriate business structure, safeguarding intellectual property, and adhering to labor and financial laws.

The session encouraged active participation through real-world case studies and interactive discussions, helping students recognize common legal challenges entrepreneurs encounter.

A dedicated Q&A segment allowed students to clarify doubts and seek expert guidance on navigating legal intricacies and mitigating business risks. The workshop proved to be a valuable learning experience, equipping students with the practical knowledge needed to confidently handle the legal aspects of entrepreneurship.



Workshop on

Legal Aspects of Starting a Business

Date:

20th December 2019

Co-ordinator:

Mr. Ankit Kumar Soni,

**CEO and Founder @
Wake-Up Technology Pvt. Ltd.,**



A handwritten signature in blue ink, likely belonging to the Director of Dronacharya Group of Institutions.

Director
Dronacharya Group of Institutions
27, KP-III, Greater Noida-201306

Mentorship Session on Innovation & Entrepreneurship

7th January 2020

On **7th January 2020**, the **Entrepreneurship Development (ED) Cell of Dronacharya Group of Institutions, Greater Noida**, hosted an inspiring **Mentorship Session on Innovation & Entrepreneurship**. Led by **Mr. Nagendra Pratap Singh, Founder of Himalayan Yeti Foundation**, the session welcomed 78 Students Participated to gain insights into the world of startups and innovation.

The primary focus of the session was to cultivate an entrepreneurial mindset, spark creativity, and offer guidance on transforming ideas into thriving businesses.

He shared his personal entrepreneurial journey, the obstacles he overcame, and the strategies that contributed to his success, encouraging students to identify and seize opportunities in the dynamic startup ecosystem.

Throughout the session, key aspects of entrepreneurship, including idea generation, market analysis, business structuring, risk management, and sustainable business practices, were discussed. Mr. Singh underscored the significance of resilience, adaptability, and technology integration in achieving entrepreneurial success.

The event fostered a collaborative environment where students actively engaged in discussions, exchanged ideas, and received expert insights on startup development.

The session concluded with an interactive Q&A round, addressing queries on funding, scaling businesses, and leveraging entrepreneurship for social impact. By the end of the mentorship session, students left feeling empowered, inspired, and equipped with valuable knowledge to embark on their entrepreneurial journeys.



Entrepreneurial Workshop & Competition – "What's Your Big Idea?"

22nd October 2019

The **Entrepreneurship Development (ED) Cell** of **Dronacharya Group of Institutions, Greater Noida**, hosted an engaging **Entrepreneurial Workshop & Competition**, titled **"What's Your Big Idea?"** on **22nd October 2019**. The session was conducted by **Mr. Ankit Pradhan, Founder of Keasis Technology Pvt. Ltd.**, who provided valuable insights on conceptualizing innovative business ideas, validating their feasibility, and transforming them into viable ventures.

The workshop focused on enhancing students' entrepreneurial mindset, fostering creativity, and offering practical knowledge in business development. Mr. Pradhan highlighted key elements such as market research, risk management, and strategic business planning, equipping attendees with the necessary tools to build sustainable startups.

The session culminated in a competition where students pitched their business ideas to a panel of judges. Each proposal was assessed based on its uniqueness, feasibility, and potential impact on the market.

He actively engaged with participants, offering constructive feedback and guidance on refining their ideas. The event successfully nurtured a spirit of innovation, encouraging students to analyze market gaps, enhance problem-solving abilities, and explore entrepreneurial ventures.

The workshop concluded on an inspiring note, with students gaining the confidence and motivation to take their first steps toward entrepreneurship.



Director
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