Seminar on IPR Awareness

16th February, 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya College of Engineering, Gurgaon organized a **seminar on "IPR Awareness"** under the **National Intellectual Property Awareness Mission (NIPAM)** on **16th February 2023**. The session aimed to educate students and faculty members about the importance of **Intellectual Property Rights (IPR)** and its role in fostering innovation and protecting creative ideas. A total of **130 students and faculty members** actively participated in the seminar, engaging in discussions on the process of patent filing, legal aspects of IPR, and the significance of safeguarding innovations in the technological era.

The event was graced by **Mr. Prashant Sharma, NIPAM Officer**, **Examiner of Patents & Designs**, and **Group A Gazetted Officer**, who served as the keynote speaker. His insightful session covered various aspects of **patents, trademarks, copyrights, and industrial designs**, emphasizing how intellectual property can be leveraged for academic and professional growth. The interactive nature of the session provided attendees with practical knowledge and encouraged them to explore IPR as a valuable asset in their academic and entrepreneurial journey.

At the end of the session, **certificates of participation** were distributed to all attendees. The seminar was an enriching experience, reinforcing the institution's commitment to **fostering a culture of research, innovation, and intellectual property protection** among students and faculty.

The event concluded on a high note, with participants gaining valuable insights into the evolving landscape of **intellectual property rights and innovation-driven growth**.

Seminar on "Tools and Techniques for Patent Filing"

4th February 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya College of Engineering, Gurugram conducted a seminar on **"Tools and Techniques for Patent Filing"** on **4th February, 2023**. **43 students** attended the seminar. The speaker of the seminar was Prof. Dimple Saproo (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 te sting stage only, she guided all to go for Provisional Patent Application.

Celebration of World Intellectual Property Day

26th April 2023

The main objective of the session was to provide awareness on intellectual property and its rights to the students of colleges/Universities and to inculcate the spirit of creativity and innovation to students of higher education. The inaugural ceremony of the event commenced with the lighting of lamp by Dr. B. M. K Prasad (Director, DCE, Gurgaon), Prof. Dimple Saproo (Single Point of Contact, SPOC) and Dr. Seema (Event Coordinator) and HOD's of various department. The program was followed by Saraswati-Vandana. Dr. B. M. K Prasad (Director, DCE, Gurgaon) in his address, briefed the importance of IPR, enlightening the students with the purpose and importance of the Patents and wished for the success of the event. He gave a brief introduction on IPR and discussed it importance. He explained different types of IP in detail with examples (Patents, Designs, Trade Marks, Geographical Indications, Copyrights, Semiconductor Integrated Circuits Layout – Designs (SCILD). The talk comprised every information of the different rights, terms, criterion, filing process, fees, and basic timelines related to the IPR. He also discussed the recent initiatives taken by the Govt. of India to promote IPR in the Country. He emphasized the significance of the role of a strong IPR ecosystem in the development of a country and how IPR is an essential tool for the IP holder to become a "Job giver rather than job seeker".

After technical session, Essay competition on "Women and IP: Accelerating Innovation and Creativity" was organised. This year's theme of "Women and IP: Accelerating Innovation and Creativity" puts the spotlight on the role that women play in driving innovation and creativity. It reflects on the challenges that women face in accessing the knowledge, skills, resources and support they need to thrive, and celebrates the can-do attitude of women, inventors, creators and entrepreneurs around the world and their ground-breaking work. Participation in this competition provided students with an excellent opportunity to research and learn more about the field of intellectual property, as they explore policy ideas along the lines of this year's theme for driving the increased participation of women in innovation and creativity landscape. The video of Dr. Mohit Gambhir, Director of Ministry of Education's Innovation Cell (MIC) was shared among the participants, to highlight the funding opportunities for patent through KAPILA scheme. The event ended with the vote of thanks by Mrs. Dimple Saproo (SPOC). Overall, the event was interactive and event was able to ignite and inspire participants of the institute to innovate and protect their creations.

World Creativity and Innovation Day

21ˢᵗ April 2023

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya College of Engineering, Gurugram organized Training cum boot camp session for Atal Tinkering Lab for students of classes VIII-XI and for teachers of Science, Math and Computer departments on Friday, **21st April 2023** of M D Senior Secondary School. Prof. Pooja Sharma along with Prof. Neha Verma were the resource person of the session enlightened them about ATL, its need and origin, Innovation council, innovation and entrepreneurship. In the session, the objectives of Niti Aayog, Government of India for setting up ATL- a space for creation rather than observation and its utilization were discussed. Students were sensitized about the need for non-curricular based experimentation and integration of idea and theories which students generally face during their day-to-day interaction with science and its inventions.

The workshop involved the following disciplines: Use of Technology in various fields Hands-on assembly Presentation on concepts of innovation Demonstration of Arduino, 3D Printing etc. Prof. Neha Verma expressed need to focus on making products which have significance in everyday life and therefore are relevant to the industry. This will allow young children to get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). ATL contains educational and learning 'do it yourself' kits and equipment on – science, electronics, robotics, open-source microcontroller boards, sensors, 3D printers and computers.

This initiative will foster the culture of ideation, innovation, entrepreneurship, creative thinking, design thinking, prototyping, out-of-box thinking, and IP commercialization by facilitating the training (for teachers), field visits, leadership talks, awareness, orientation sessions, boot camps, nationallevel exhibitions, hackathons, skill modules, new courses for students, linking of school innovation ecosystem with higher educational institutions (HEIs), etc. at schools. The sessions were enriching, informative and educational leaving everyone excited and inspired.

Workshop on Intellectual Property Rights (IPRs) and IP management for start up

29th March 2023

The main objective of the session was to provide awareness on intellectual property and its rights to the students of colleges/Universities and to inculcate the spirit of creativity and innovation to students of higher education. The inaugural ceremony of the event commenced with the lighting of lamp by Mr. Mr. Arvind Chaudhary (Vice President – Natwest Group) and Mr. Lalit Chaudhary (Senior Manager – EXL Analytics), Prof. Dimple Saproo (Single Point of Contact, SPOC) and Dr. Seema (Event Coordinator) and HOD's of various department. The program was followed by Saraswati-Vandana. Prof. Pooja Sharma welcomed esteemed resource person and all dignitaries and the participants. Prof. Pooja Sharma in her address, briefed the importance of IPR, enlightening the students with the purpose and importance of the Patents and wished for the success of the event. The program was followed by technical session taken by Mr. Arvind Chaudhary (Vice President – Natwest Group) and Mr. Lalit Chaudhary (Senior Manager – EXL Analytics).

He gave a brief introduction on IPR and discussed it importance. He explained different types of IP in detail with examples (Patents, Designs, Trade Marks, Geographical Indications, Copyrights, Semiconductor Integrated Circuits Layout – Designs (SCILD). The talk comprised every information of the different rights, terms, criterion, filing process, fees, and basic timelines related to the IPR. He also discussed the recent initiatives taken by the Govt. of India to promote IPR in the Country. He emphasized the significance of the role of a strong IPR ecosystem in the development of a country and how IPR is an essential tool for the IP holder to become a "Job giver rather than job seeker". After technical session, the video of Dr. Mohit Gambhir, Director of Ministry of Education's Innovation Cell (MIC) was shared among the participants, to highlight the funding opportunities for patent through KAPILA scheme. The event ended with the vote of thanks by Mrs. Dimple Saproo (SPOC). Overall, the event was interactive and speaker was able to ignite and inspire participants of the institute to innovate and protect their creations.

Workshop on Patent Search and Patent Drafting Techniques

16ᵗʰ February 2023

A workshop on **"Patent Search and Patent Drafting Techniques"** was conducted on **16th February 2023** to introduce B.Tech students to the foundational aspects of intellectual property rights, with a special focus on patents. 114 students participated in the workshop.

The session aimed to build awareness about the importance of protecting technological innovations and guided students on how to perform effective patent searches using various national and international databases. Through hands-on demonstrations, participants learned how to identify prior art, evaluate the novelty of their ideas, and avoid potential infringements.

The workshop also covered the step-by-step process of drafting a patent application, including the structure of claims, specification writing, and legal language used in filings. Experts from the IPR field shared practical tips and real-life examples to help students understand how to translate technical inventions into strong patent applications. The event served as a valuable learning experience for aspiring innovators, encouraging them to incorporate IPR strategies early in their project development cycle to safeguard their creative work.

Workshop on IPR Challenges in Artificial Intelligence (AI) and Machine Learning

13th July 2022

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya College of Engineering, Gurugram organized a workshop on "IPR Challenges in Artificial Intelligence and Machine Learning" on 13th July 2022. The workshop was conducted to raise awareness among B.Tech students about the evolving landscape of intellectual property rights in the era of rapidly advancing technologies. 28 students participated in the workshop. The session explored how AI and ML innovations challenge traditional notions of inventorship, authorship, and patent eligibility. Experts from academia and industry highlighted real-world case studies where AI-generated outputs posed legal ambiguities, encouraging students to critically examine the ethical and legal frameworks surrounding these technologies. The event provided insights into global trends in IPR policies, particularly concerning machine-created works and algorithmic inventions.

The workshop also focused on equipping students with practical knowledge to protect their innovations and understand ownership rights in collaborative tech-driven environments. Participants engaged in interactive discussions, exploring scenarios where AI systems play a dominant role in decision-making and creation. The event emphasized the importance of early IPR awareness for future engineers, especially in sectors where AI and ML are at the forefront. Overall, the workshop served as a platform to bridge the gap between technology and law, fostering a culture of innovation with responsibility and legal foresight.