

## **Concept, Scope and Nature of Intellectual Property Rights**

**16<sup>th</sup> 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 3<sup>rd</sup> year students on **16<sup>th</sup> 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

**Session on**

**"Concept , Scope and Nature of Intellectual Property Rights"**

**Schedule :**  
**(16<sup>th</sup> 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>

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

18<sup>th</sup> 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 18<sup>th</sup> April, 2024. The workshop was taken by **Prof. Sanghamitra V Arora (IIC Convenor)** for **B.Tech 2<sup>nd</sup> and 3<sup>rd</sup> 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.

## **Session on Significance of Intellectual Property Rights in Empowering Innovation**

**26<sup>th</sup> 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 **26<sup>th</sup> April, 2024**. The session was taken by **Mr. Abhinav Vikash (L3Harris Technologies)**. **B.Tech 3<sup>rd</sup> 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.



**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.