

## **Report on Expert Lecture on Basics of Intellectual Property Rights (IPR) and Its Importance for Innovators and Entrepreneurs**

On **February 27, 2025**, Delhi Technological University (DTU) hosted an expert lecture on **"Basics of Intellectual Property Rights (IPR) and Its Importance for Innovators and Entrepreneurs"** at the **Training Hall, CCDR, Central Workshop, Mechanical Block**. The session, which commenced at **12:00 PM**, was delivered by **Mr. Arunava Maity**, the founder of **Lexecures**, who is a **registered Patent and Trademark Agent** with over **eight years of experience in the field of Intellectual Property Rights (IPR)**. The event saw an enthusiastic participation of over **40 students, faculty members, and research scholars**, who engaged in discussions on the significance of IPR in innovation and entrepreneurship. The lecture was successfully coordinated by the **IPR Cell** under the **R&D Office**.

The session began with a detailed introduction to **Intellectual Property Rights (IPR)** and its growing importance for **researchers, innovators, and entrepreneurs**. Mr. Maity emphasized that in today's competitive world, protecting intellectual assets is crucial for fostering innovation, securing investments, and ensuring long-term business success. He elaborated on the **various types of intellectual property**, including **patents, trademarks, copyrights, and industrial designs**, and provided real-world examples to illustrate their practical applications. He further explained the **criteria for patentability**, including **novelty, inventive step, and industrial applicability**, and highlighted the **non-patentable inventions** under respective patent laws.

A significant portion of the lecture was dedicated to the **life cycle of a patent application in India**, covering key stages such as **filing, publication, examination, objections, grant, and appeals**. Mr. Maity also provided insights into the **International Patent Application Process** under the **Patent Cooperation Treaty (PCT)** and explained how it simplifies the **patent filing process across multiple countries**, providing innovators with a competitive edge in the global market. Participants were particularly interested in understanding the **advantages of PCT applications**, including **international search reports, written opinions, and the extended time frame for national phase filings**.

The lecture also included engaging **case studies on successful and failed IPR strategies**, showcasing the impact of intellectual property rights on businesses and technology-driven startups. Mr. Maity shared the **Stanford University and Google case**, where the **PageRank algorithm was successfully patented** and later licensed to Google, ensuring financial benefits for the inventors and the university. On the other hand, he discussed cases where the **lack of patent protection led to missed opportunities**, such as **DNA fingerprinting technology**, which was widely adopted without securing financial gains due to prior public disclosure. Additionally, landmark **patent infringement cases**, including **NTP Inc. vs. Research in Motion (Blackberry)** and **Ericsson vs. Micromax**, were analyzed to demonstrate the significance of strong IPR policies in protecting technological advancements.



Photo1: Dr. Bharti Singh (Applied Physics) welcoming Mr. Arunava Maity before the start of the lecture.



Photo2: Mr. Arunava Maity delivering an insightful session on Intellectual Property Rights at DTU

The session was highly interactive, with students and faculty members actively participating in the **Q&A segment**. Many questions revolved around **the impact of prior publications on patentability, best practices for startups to secure their innovations, and strategies for leveraging intellectual property to enhance business competitiveness**. Mr. Maity provided practical guidance on **filing provisional and complete patent applications**, emphasizing that **researchers should file patent applications before publishing their work in journals or other public domains** to secure priority rights. He also advised aspiring entrepreneurs on **developing a robust IPR strategy** that includes **trademark registration for branding, industrial design protection for product aesthetics, and copyright for software codes and creative content**.

The event concluded with a **vote of thanks** to **Mr. Arunava Maity** for delivering an **insightful and engaging lecture**. His expert guidance provided participants with a **clear understanding of IPR laws, filing procedures, and their relevance in research and business development**. **Dr. Rajeev Kumar**, along with other faculty members, expressed appreciation for the session and emphasized the need for more such awareness programs to **empower researchers and entrepreneurs** with knowledge about intellectual property rights.

This expert session was a valuable learning experience for all attendees, equipping them with **essential knowledge of intellectual property laws** and their applications in **research, innovation, and entrepreneurship**. The event reinforced DTU's commitment to **promoting awareness about IPR and encouraging students and faculty to protect their intellectual assets for academic and commercial success**.