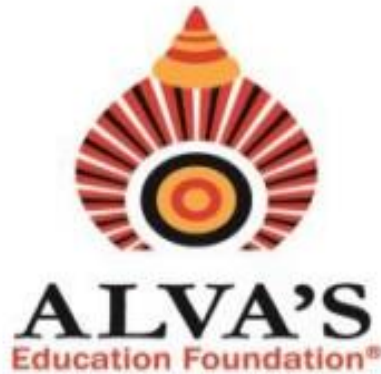


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**Technical Talk report**

**On**

**IPR and Patent Regulation**

**By**

**Dept. of ECE**

**06.08.2024**

# Technical talk report on “Intellectual Property rights and Patent regulations”

**Introduction:** The Department of Electronics and Communication Engineering (ECE) at Alva's Institute of Engineering and Technology (AIET) hosted a technical talk on "Intellectual Property Rights (IPR) and Patent Regulations" by Dr. Guruprasad on 06.08.2024. The event aimed to raise awareness among students, researchers, and faculty members about the significance of IPR, patents, and their impact on innovation and technological advancement.

**Objectives:** The primary objectives of the session were:

1. To educate participants about Intellectual Property Rights (IPR) and their types.
2. To explain the process and importance of patent filing in research and innovation.
3. To provide insights into global and national patent regulations and policies.
4. To encourage students and researchers to protect their innovations legally.

**Session Overview:** Dr. Guruprasad, a distinguished faculty member and expert in Intellectual Property Rights, began the session with an introduction to IPR. He explained that IPR is a legal framework designed to protect creations of the mind, such as inventions, literary and artistic works, designs, and symbols.

The speaker elaborated on various types of intellectual property, including:

- **Patents:** Protection for inventions that offer novel solutions to technical problems.
- **Trademarks:** Distinctive signs identifying goods or services.
- **Copyrights:** Rights for literary and artistic creations.
- **Industrial Designs:** Protection for the aesthetic aspect of objects.
- **Trade Secrets:** Confidential business information.

## Highlights of the Talk:

1. **Importance of IPR:** Dr. Guruprasad emphasized that IPR plays a crucial role in fostering innovation, rewarding creativity, and ensuring economic growth. He stressed that protecting intellectual property is essential for startups, businesses, and researchers to gain a competitive edge.

2. **Patent Filing Process:** The talk provided an in-depth overview of the patent filing process, including:
  - Steps to identify patentable innovations.
  - Drafting and submitting patent applications.
  - Patent examination and granting procedures.
3. **National and International Patent Frameworks:** Dr. Guruprasad explained the legal frameworks governing patents, such as:
  - **India's Patent Act, 1970:** Key provisions and amendments.
  - **World Intellectual Property Organization (WIPO):** Treaties like the Patent Cooperation Treaty (PCT) for international patent protection.
4. **Case Studies:** Real-world examples of patented innovations were discussed to highlight the economic and strategic benefits of IPR. Dr. Guruprasad also addressed common mistakes made during the patent filing process and how to avoid them.
5. **Q&A Session:** The session concluded with an interactive Q&A segment, where participants clarified doubts about patent searches, provisional vs. complete patent applications, and the costs associated with filing patents.

#### **Key Takeaways:**

- IPR protection is vital for safeguarding innovations and encouraging research.
- Understanding patent regulations helps innovators navigate the legal system effectively.
- Early filing and thorough documentation are critical in patent applications.
- Collaboration with patent attorneys and understanding the global landscape can increase the likelihood of patent approval.

**Conclusion:** The technical talk by Dr. Guruprasad was a resounding success, providing valuable insights into the intricacies of Intellectual Property Rights and Patent Regulations. Participants left the session with a deeper understanding of the subject and a renewed motivation to protect their creative work. The event underscored the importance of intellectual property in driving technological progress and economic development.

**Acknowledgments:** The ECE Department and AIET express gratitude to Dr. Guruprasad for his enlightening session and to all the participants for their active involvement. Special thanks to the organizing committee for ensuring the event's smooth execution.

**Glimpses of the program**



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