

**III Year I Semester**

**L T P C**

**Code: 17HS501**

**3 1 0 3**

**IPR&PATENTS**

**Objectives:**

1. To know the importance of Intellectual property rights, which plays a vital role in advanced Technical and Scientific disciplines.
2. Imparting IPR protection and regulations for further advancement, so that the students can familiarize with the latest developments.

**UNIT I: Introduction to Intellectual Property Rights (IPR)**

Concept of Property - Introduction to IPR – International Instruments and IPR - WIPO -TRIPS– WTO-Laws Relating to IPR-IPR Tool Kit-Protection and Regulation- CopyrightsandNeighboringRights–IndustrialProperty–Patents-AgenciesforIPRRegistration– Traditional Knowledge–Emerging Areas of IPR-Layout Designs and Integrated Circuits – Use and Miss use of Intellectual Property Rights.

**UNIT II: Copyrights and Neighboring Rights**

Introduction to Copyrights –Principles of Copyright Protection–Law Relating to Copyrights - Subject Matters of Copyright – Copyright Ownership – Transfer and Duration – Right toPrepareDerivativeWorks–RightsofDistribution–RightsofPerformers–CopyrightRegistration – Limitations – Infringement of Copyright – Relief and Remedy – Case Law –Semiconductor Chip Protection Act.

**UNIT III: Patents**

Introduction to Patents -Laws Relating to Patents in India– Patent Requirements – Product Patent and Process Patent - Patent Search - Patent Registration and Granting of Patent -Exclusive Rights – Limitations - Ownership and Transfer — Revocation of Patent – Patent Appellate Board - Infringement of Patent – Compulsory Licensing — Patent CooperationTreaty– NewdevelopmentsinPatents–SoftwareProtectionandComputerrelatedInnovations.

**UNIT IV: Trademarks**

Introduction to Trademarks – Laws Relating to Trademarks – Functions of Trademark – Distinction between Trademark and Property Mark – Marks Covered under Trademark Law - TradeMarkRegistration–TradeMarkMaintenance–Transferofrights-DeceptiveSimilarities - Likelihood of Confusion - Dilution of Ownership – Trademarks Claims and Infringement– Remedies – Passing Off Action.

**UNIT V: Trade Secrets**

Introduction to Trade Secrets–General Principles-Laws Relating to Trade Secrets-Maintaining Trade Secret–Physical Security–Employee Access Limitation–Employee Confidentiality Agreements – Breach of Contract –Law of Unfair Competition – Trade Secret Litigation– Applying State Law.

## **Unit VI: Cyber Law and Cyber Crime**

Introduction to Cyber Law – Information Technology Act 2000 - Protection of Online and Computer Transactions - E-commerce - Data Security – Authentication and Confidentiality - Privacy-Digital Signatures–Certifying Authorities-Cyber Crimes-Prevention and Punishment–Liability of Network Providers.

- Relevant Cases Shall be dealt where ever necessary.

### **Outcome:**

- IPRL was and patents pave the way for innovative ideas which are instrumental for inventions to seek Patents.
- Student gets in sight on Copyrights, Patents and Software patents which are instrumental for further advancements.

### **References:**

Intellectual Property Rights (Patents & Cyber Law), Dr. A. Srinivas. Oxford University Press, New Delhi.

Deborah E. Bouchoux: Intellectual Property, Cengage Learning, New Delhi.

Prabuddha Ganguli: Intellectual Property Rights, Tata Mc-Graw–Hill, New Delhi

Richard Stim: Intellectual Property, Cengage Learning, New Delhi.

Kompal Bansal & Parishit Bansal: Fundamentals of IPR for Engineers, B.S. Publications (Press).

Cyber Law-Texts & Cases, South-Western's Special Topics Collections.

R. Radha Krishnan, S. Balasubramanian: Intellectual Property Rights, Excel Books. New Delhi.

M. Ashok Kumar and Mohd Iqbal Ali: Intellectual Property Rights, Serials Pub.