III Year I Semester L T P C
Code: 17HS501 2 0 0 0

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 sand regulations for further advancement, so that the students can familiarize with the latest developments.

UNITI: 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.

UNITII: 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.

UNITIII: 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.

UNITIV: 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.

UNITV: 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.

UnitVI: 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-DigitalSignatures—CertifyingAuthorities-CyberCrimes-PreventionandPunishment—Liability of Network Providers.

• Relevant Cases Shall be dealt where ever necessary.

Outcomes:

- 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:

- 1. Intellectual Property Rights (Patents & Cyber Law), Dr. A. Srinivas. Oxford University Press, New Delhi.
- 2. Deborah E. Bouchoux: Intellectual Property, Cengage Learning, New Delhi.
- 3. Prabhuddha Ganguli: Intellectual Property Rights, Tata Mc-Graw-Hill, New Delhi
- 4. RichardStim: Intellectual Property, Cengage Learning, New Delhi.
- 5. KompalBansal&ParishitBansalFundamentalsofIPRforEngineers, B.S. Publications (Press).
- 6. Cyber Law-Texts & Cases, South-Western's Special Topics Collections.
- 7. R.Radha Krishnan, S.Balasubramanian: Intellectual Property Rights, Excel Books. New Delhi.
- 8. M. Ashok Kumar and Mohd Iqbal Ali: Intellectual Property Rights, Serials Pub.