

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
Pre-Ph.D. Syllabus (Applicable for 2015 Admitted Batch)

(15PH00001) INTELLECTUAL PROPERTY RIGHTS

UNIT - I:

Understanding and Overview of the IPR Regime: Introduction, types of intellectual property- Industrial property, Artistic and Literary Property, Sui Generis systems. Need for intellectual property rights. Rationale for protection of IPR. Impact of IPR on development, health, agriculture and genetic resources. IPR in India – Genesis and Development. IPR in abroad- Some important examples of IPR. International organizations, agencies and treaties,

UNIT - II:

Patents- Trips Definition, kind of inventions protected by patent-Patentable and Non patentable inventions, Process and product patent, double patent – patent of addition. Legal requirements for patents – Granting of patent - Rights of a patent-exclusive right. Patent application process: Searching a patent- Drafting of a patent- Filing of a patent- Types of patent applications- Patent document: specification and claims. Management of IP Assets and IP portfolio – Commercial exploitation of IP- Assignment, licensing, infringement. The different layers of the international patent system: national, regional and international options.

Unit –III:

Trademarks- Rights of trademark- kind of signs used as trademarks-types, purpose and functions of a trademark, trademark protection, trademark registration, acquisition of trade mark rights, protectable matter, selecting and evaluating trade mark, trade mark registration processes.

UNIT - IV:

Copyrights- Rights and protection covered by copyright - Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights to perform the work publicly, copy right ownership issues, obtaining copy right registration, notice of copy right, international copy right law. Infringement of Copyright under Copyright Act

Related Rights - Distinction between related rights and copyright. Celebrity rights, Academic integrity or Plagiarism: An Intellectual Theft

The Role and Liabilities of IPRs in India - Cyberlaw issues: Criminal law, data safety, online privacy, health privacy, freedom of expression and human rights, net neutrality, national security.

UNIT - V:

Geographical Indication of Goods: Types, why and how GI need protection and GI laws, Indian GI act.

Traditional Knowledge: Indigenous, medicinal, bioprospecting knowledge Examples, Need for protection, positive protection, defensive protection, legal aspects.

Unit-VI:

Industrial Designs: protection, kind of protection is provided by industrial designs. Integrated Circuits


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Trade Secrets: Trade secret law, determination of trade secret status, liability for misappropriations of trade secrets, protection for submission, trade secret litigation.

Enforcement Of Intellectual Property Rights: Infringement of intellectual property right, UNFAIR COMPETITION: relationship between unfair competition and intellectual property law, misappropriation right of publicity, false advertising.

UNIT- VII:

Technological and Legal Developments in Intellectual Property

Computer Programs: Brief History of the Protection of Computer Programs, Protection of Computer Programs under Patents or under Copyright, International Norms Concerning Copyright Protection of Computer Programs, National Legislation on the Protection of Computer Programs, Creation and Use of Works by Means of Computers, An Overview of Indian Copyright Software, EULA, Infringement, remedies. Databases, Data Protection Law In Respect of Information Technology Enabled Services, cyber security strategies-IT law, cybersquatting-Domain names

Biotechnology: Adoption and Dissemination, Need for Protection, Existing Protection, New Plant Varieties: protection, need, laws, benefits, Case studies of Biotechnology, Patenting of Micro-Organism: An Overview.

Reprography and Intellectual Property, Audio and Video Recording,

Communication Technologies: Satellites, Cable Distribution, Digital Distribution Systems, The Internet and Electronic Commerce

Unit VIII:

Institutional Capacity: IP Policy Making And Legislation, IPR Administration And Institutions, Examination Versus Registration Systems, Regional or International Co-operation, Costs And Revenues: The Cost of an IP system, Meeting the Costs, Regulating Intellectual Property Rights, Technical Assistance And Capacity Building, International Standard Setting: WIPO and WTO. **The Trips Agreement:** Assisting Developing Countries to Implement TRIPS, Timetable for Implementing TRIPS, IP in Bilateral And Regional Agreements

TEXT BOOKS & REFERENCES:

- 1 Fundamentals of IP for Engineers: K.Bansal & P.Bansal.
- 2 Intellectual property right, Deborah, E. Bouchoux, Cengage learning.
- 3 Intellectual property right - Unleashing the knowledge economy, Prabuddha Ganguli, Tata McGraw Hill Publishing Company Ltd.
- 4 Electronic resource guide ERG published online by the American Society of International Law
- 5 Intellectual Property Rights and Development Policy: Report of the Commission on Intellectual Property Rights, London September 2002 (Web resource)
- 6 WIPO Intellectual Property Handbook: Policy, Law and Use (Web resource)
- 7 Intellectual Property Rights: NPTEL Resource


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