

IP750: Intellectual Property Rights in Research and Beyond

L 3 T1 P0 CR4

Units	Topics
Unit-1	Different forms of innovations emanating from the human mind and their protection using different tools of IPR, Basic introduction to Patents, Trademarks, Copyright, Industrial Designs Registrations, Geographical Indications Trade Secrets.
	Territoriality of IPR; International Conventions in IPR; Role of WTO and WIPO.
	Balancing Rights and Responsibilities, Impact of IPR in socio-economic development.
Unit -2	Protection of inventions using patents; Patentability of inventions; Exceptions of certain inventions as non-patentable by law; Benchmarks for patentability of inventions.
	Understanding the Patent system in India based on the Indian, Term of patent, rights and obligations of a patentee; Opposition to the grant of patent applications and post grant oppositions processes.
Unit-3	Geographical Indications Act in India; Process and Documentation needed for GI registration in India; GIs registered in India.
	GI registration of Muga Silk in Assam and exploring other GIs in Assam; management of GI to enhance the economic returns from GIs.
	Enforcement of GI.
	Protection of Traditional Knowledge and development of balanced benefit sharing models.
	Protection of GI in other parts of the world and the system in Europe.
Unit -4	Protection of Industrial Designs in India.
	Indian design Act 2000 and Classification of Industrial Design
	Enforcement of Industrial Designs Registrations.
	Case studies and success stories of Indian design Protection
	Protection of Industrial Registrations outside India.
Unit-5	Patents Search, research process; Designing research objectives, Searching patents databases for patents relevant to one's own research problem
	Ethics and societal implications of Intellectual Property Rights, opposition to grant of a patent and challenging the validity of a patent.
	Filing patents outside of India.
Unit-6	Copyright and related rights; Copyrightable works; ownership of copyright;
	Licensing of copyright; Registration of copyright.
	Exploiting Fair Use concept in copyright especially in academics and research.
	Infringement of copyright; civil remedies, role of copyright societies.

Unit-7	Approaches to valuation and commercialisation of Intellectual Property Rights, Management of knowledge and Intellectual Property Rights and technology transfer.
	Implications of Intellectual Property Rights in promoting innovations and their commercialization.
	Transacting Patent Rights; Striking commercial deals; Due diligence in patent transactions.
	Working of patents in India; Requirement of working of patents in India,
	Compulsory licence and its implications; Enforcement of Patents against infringers.
Unit-8	What are trade secrets; How trade secrets are to be maintained; How trade secrets are used in trade and businesses.
Unit-9	Discussion on the system in India for protection of new plant varieties in India.
	Comparison with the system followed under the Union of Protection of Plant Varieties (UPOV).

Textbooks:

1. Simran R. Gurnani. Intellectual Property Rights, C. Jamnadas & Co. (2021)
2. Grahm Dutfeild “Intellectual Property, Biogenetic Resources and Traditional Knowledge”, EarthScan (2004)
3. Rajashree Chandra, “Knowledge As Property” Oxford India Press (2012)
4. Class Junghans and Adam Levy, “Intellectual Property Management: A guide for Scientists, Engineers, Financers and Managers”, Willey (2006).
5. Brigitte Anderson (Ed), “Intellectual Property Rights: Innovation Governance and Institutional Environment”, Edward Elgar Publishing Limited (2006)
6. V K Ahuja, “Law Relating to Intellectual Property Rights”, Lexis Nexis (2017)

Suggested readings:

7. Inventing the Future: An introduction to Patents for small and medium sized Enterprises; WIPO publication No. 917. URL: www.wipo.int/ebookshop
8. Looking Good: An Introduction to Industrial Designs for Small and Medium sized Enterprises; WIPO publication No.498. URL: www.wipo.int/ebookshop
9. Creative Expression: An Introduction to Copyright and Related Rights for Small and Medium-sized Enterprises; WIPO publication No. 918. URL: www.wipo.int/ebookshop
10. Making a Mark: An Introduction to Trademarks for Small and Medium-sized Enterprises; WIPO publication No. 900. URL: www.wipo.int/ebookshop

Course Code/Name: **IP250, Fundamentals of Intellectual Property Rights**

Offered for: **Undergraduate students**

L-2, T-1, P-0, CR-3

Lecture No.	Topics
Unit-1	Innovation and its relevance. Intellectual Property Rights in daily lives eg. Patents, Copyrights, Trademarks, Designs, Trade Secrets. Role of IPR in international trade, innovation and societal dynamics, discussion on TRIPS Agreement, World Trade Organization (WTO) and role of World Intellectual Property Organization (WIPO) in protection and administration of IPRs
Unit-2	How Patents are used to protect inventions? How to know what has already been patented?
Unit-3	Copyrights and its importance in education, business, entertainment and fine arts. Registration of Copyrights, infringement of Copyright, licensing of Copyrights, Fair-Use in Copyright and its implication.
Unit-4	Industrial Designs Registration and its importance, classification of Industrial Designs, How to protect IDR?
Unit-5	What are Trade Secrets? How to protect them? Implications of Trade Secrets in technological development and business.
Unit-6	Trademarks and their types, How to protect Trademarks? Discussion on case studies.
Unit-7	Geographical Indications. What does it mean and how is it used?
Unit-8	IPR and Traditional Knowledge, How to effectively manage IPR?

Textbooks:

1. Rajashree Chandra, "Knowledge As Property" Oxford India Press (2012)
2. Graham Dutfield "Intellectual Property, Biogenetic Resources and Traditional Knowledge", EarthScan (2004)
3. V K Ahuja, "Law Relating to Intellectual Property Rights", Lexis Nexis (2017)
4. N. Lalitha & Soumya Vinayan, "Regional Products and Rural Livelihoods: A Study on Geographical Indications from India" Oxford University Press, (2019)
5. Tapan Kumar Rout (Ed), "WTO, TRIPS & Geographical Indications", New Century Publications (2021)
6. Simran R. Gurnani, "Intellectual Property Rights" C. Jammadas & Co. (2021)

Suggested readings:

7. Inventing the Future: An introduction to Patents for small and medium sized Enterprises; WIPO publication No. 917. URL: www.wipo.int/ebookshop
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9. Creative Expression: An Introduction to Copyright and Related Rights for Small and Medium-sized Enterprises; WIPO publication No. 918. URL: www.wipo.int/ebookshop
10. Making a Mark: An Introduction to Trademarks for Small and Medium-sized Enterprises; WIPO publication No. 900. URL: www.wipo.int/ebookshop