



JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed University)

A-10, Sector 62, Noida, Gautam Buddh Nagar – 201 309 (U.P.)

AICTE Approved | UGC Approved | NAAC Accredited | NIRF Ranked

An Institution Dedicated to Excellence in Higher Education

**Introduces Online
Certificate Courses**

Intellectual Property Rights & Patent Law



Preamble

This course is designed to impart skills in the area of intellectual property rights. Intellectual Property (IP) stands for any creation – inventions, or artistic/literary works, any design or symbol and in recent times has come to encompass traditional knowledge too. The learners would be able to identify and understand the various types of Intellectual Property rights: Patents, copyrights, trademarks, geographical indications, trade secrets and industrial patents. The participants would be able to understand the enforcement of IPR, commercializing of IPR and valuation for any company or commercial enterprise, the international treaties, and the Indian Patent Act. Practice sessions will be provided to participants on prior art search, to critically analyze the landmark case studies to understand the litigation process, patent infringements, and biopiracy.

Target Participants/ Industry: Professionals working in industry, Job seekers, Current Senior students who wish to upgrade their professional skills

Duration of the Course: 3 Months (including labs, evaluations)

Mode of Operation: Online

Number of Lectures of 1-hour duration: 33 Lectures

Number of Practical Sessions of 2 hours duration: 09 sessions

To be covered in each Lecture

Module-1 (Introduction to Intellectual Property Rights, International treaties, Indian Patent System)

An overview of Intellectual Property rights: The nature and types of IPR, enforcement of IPR, Patents and Trademarks, Geographical Indications and Copyrights, Trade Secrets. An Overview of International Treaties: Paris Convention, WTO, TRIPs, Patent Cooperation Treaty. Features of Indian patent Act 1970, history amendments and unique features with case studies.

Module-2 (Patents: Types of applications and Prior Art Search and Infringement Analysis)

Prior Art Search for patenting inventions: Novelty Search, Freedom to Operate Search, invalidity search, landscaping,

Infringement analysis: Direct infringement, Doctrine of Equivalents (Function/Way/Result), Prosecution History estoppels, Types of Patent Applications: Patent family trees, patent of addition, divisional applications, case studies, Priority date calculations. Hands on session Prior art Search

Module-3: Licensing and Assigning of Patent Rights

Commercializing Patents: Licensing and Assigning, sub types, Compulsory Licensing of patents, Double Patenting with case studies, Terminal disclaimer, Parallel imports, Exhaustion of patent rights, related case study, Relation of patents and new drug approvals via regulatory agency: scenario in India and USA, relationship of IPRs to clinical and diagnostic testing

Module-4 (Copyright)

Basic features, violations and dispute settlement

Module-5 (Plant variety protection, traditional knowledge)

Basic features of plant and animal variety protection acts in India and other countries, special features in Indian acts, what constitutes traditional knowledge, mechanisms to protect traditional medicine, folklore, health foods, biopiracy, benefit sharing, sui generis mechanisms

Module -6 (IPRs, international trade and evolving scenario)

Enforcement and dispute settlement, disputes involving domain names, AI-generated music and big data

To be covered in each Practical Session

Brief topics

- Case study of Indian patents
- Hands on session Prior art Search
- Case study of Compulsory licensing in India
- Case study: Relation of patents and new drug approvals via regulatory agency
- Copyright violation and dispute settlement
- Understanding and analysing IPR protection related to plants
- Analysing biopiracy case involving traditional knowledge
- Disputes involving TK
- Understanding sui generis systems

Pre-requisite, if any: Undergraduate degree/pursuing UG degree in any stream

Schedule of the Classes: Saturday & Sundays 2 hrs

Name of the Faculty Coordinators: Prof. Indira P Sarethy

Name(s) of the Faculty to be involved in conduction of the Course: Prof. Indira P Sarethy & Prof. Shweta Dang

Minimum Qualifications for participants: Undergraduate degree/pursuing UG degree in any stream

Mode of evaluation of the participants after every 15 Lecture Sessions: Online Quiz, assignment

Mode of evaluation of the participants after 04 Practical Sessions: Online quiz, viva

For course related query please mail to:
Prof. Indira P Sarethy: indira.sarethy@mail.jiit.ac.in

For course registration, please click the link:
<https://forms.gle/pAzUQgx6hc2UaTRn7>