

## CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
<b>Intellectual Property Rights ALS-DSE 8</b>	4	2	0	2	<b>VI Sem</b>	Nil

### Course learning Objectives

The objective of this course is to impart knowledge of rules, regulations, laws and processes of patents. Besides this, students will have adequate knowledge of copyrights, trademarks and shall be thorough with the importance of traditional knowledge and protection of plant varieties.

### Learning outcomes:

After studying this course, the students of Life Sciences will be well-equipped and well informed with the basics of IPR. Especially IPR in India. Students will be informed about the Patents that are integral to research. Students will have working Knowledge of various softwares and will be morally and ethically aware of the rights of the farmers, breeders and researchers.

### Theory : 30 Hours

#### **Unit 1: Introduction to Intellectual Property Rights (IPR) 03Hours**

Concept and types; economic importance, IPR in India and world, Genesis and scope, some important examples: IPR and WTO (TRIPS, WIPO).

#### **Unit 2: Patents, Copyrights and Trademarks 09 Hours**

Objectives, Rights, Patent Act 1970 and its amendments. Procedure of filing and getting Patents, Patent Infringement, Introduction, Work protected under copyright law, Rights, Transfer of copyright, Copy right Infringement, Objectives, Types, Rights, Protection of Goodwill, Infringement, Passing off, Defenses, Domain name

#### **Unit 3: Geographical Indications, Traditional Knowledge Protection and Industrial Design**

**09 Hours**

Objectives, Justification, International Position, Multilateral Treaties, National Level, Position of Govt. of India, Objectives Concept of Traditional Knowledge, Issues concerning, Bio-Prospecting and Bio-Piracy, Alternative ways, Protectability, Need for a Sui-Generis regime, Traditional Knowledge on the International Arena, at WTO at National level, Traditional Knowledge Digital Library (TKDL), Objectives, Rights, Assignments, Infringements, Defenses of Design Infringement

#### **Unit 4: Protection of Plant Varieties, IPR and Biotechnology**

**09 Hours**

Plant Varieties Protection- Objectives, Justification, International Position, Plant varieties Protection in India. Rights of Objective, Applications, Concept of Novelty, Concept of inventive step, Microorganisms, Moral Issues related to farmers, breeders and researchers. National Gene Bank, Benefit sharing. Protection of Plant Varieties and Farmer's Rights Act, 2001, Computer Softwares and Intellectual Property, Database and Data Protection, Domain Name Protection, Patenting Biological/Biotechnological Inventions

#### **Practicals:**

**60 Hours**

1. Patent search from different website.
2. Trademark search
3. Copyright infringement (Plagiarism check by Urkund and other available software.
4. Geographical Indicators: (Preparation of Inventories)  
**Food-** Malabar pepper, Basmati rice, Darjeeling Tea, and Requefort cheese.  
**Industry-** (Mysore agarbatti, Feni Goa, Champagne France).  
**Natural Resources-** Sandalwood
5. Biopiracy- Neem, Turmeric
6. Industrial designs- Jewelry design, chair design, car design,
7. To prepare IPR e diary.

#### **Suggested Readings:**

- M.M.S. Karki (2009) Intellectual Property Rights: Basic Concepts. Atlantic Publishers & Distributors (P) Ltd. ISBN13: 9788126912629.
- Rajeev Babel (2023) Intellectual Property Rights in India | Bloomsbury Publications. Publisher Bloomsbury Publication.
- S.V. Damodar Reddy (2024) Intellectual Property Rights -- Law and Practice. Asia Law House. ISBN: 9788119107483.
- JP Misra (2023) An Introduction to Intellectual Property Rights 3rd Edition. Central Law Publication, India

**Note:** Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.