

MM : 100

Time : 3 hrs

Sessional : 30

ESE : 70

Pass Marks : 40

Learning objective:

- To understand the intellectual property rights, IPR, WTO, TRIPS, and WIPO.
- To acquire an overall knowledge on patents, copyrights and trademarks.
- To become familiar with geographical indications and protection of traditional knowledge.
- To learned technique and acquire the information on industrial designs and protection of plant varieties.

Learning outcomes:

At the end of course student will be able

- The student will be able to familiar IPR in national and international levels, necessary tools and items required for cultivation.
- The student will be able to understand the various methods procedure of obtaining patents, and working of patents, the concept of traditional knowledge, bio-prospecting and bio-piracy, WTO and traditional knowledge digital library.
- The students can understand about the defenses of design infringement, and plant varieties protection in India and international levels.
- The student will be able take the decisions for carrier point of views in research, industries and academia entrepreneurship etc.

Unit 1: Introduction:

(4 lectures)

Concept and kinds. Economic importance. IPR in India and world: genesis and scope, some important examples. IPR and WTO (TRIPS, WIPO).

Unit 2: Patents, Copyrights and Trademarks:

(18 Lectures)

Objectives, rights, patent act 1970 and its amendments. Procedure of obtaining patents, working of patents. Introduction, works protected under copyright law, rights, transfer of copyright, infringement. Objectives, types, rights, protection of goodwill, infringement, passing off, defenses, and domain name.

Unit 3: Geographical Indications and Protection of Traditional Knowledge: (14 Lectures)

Objectives, justification, international position, multilateral treaties, national level, Indian Position. Objective, concept of traditional knowledge, holders, issues concerning, bio-prospecting and bio-piracy, alternative ways, protect ability, need for a sui-generis regime, traditional knowledge on the international arena, at WTO and at national level, traditional knowledge digital library.

Unit 4: Industrial Designs:

(4 Lectures)

Objectives, rights, assignments, infringements, defenses of design infringement.

Unit 5: Protection of Plant Varieties:

(20 Lectures)

Plant varieties protection-objectives, justification, international position, plant varieties protection in India; rights of farmers, breeders and researchers; national gene bank, benefit sharing; protection of plant varieties and farmers' rights act, 2001. Computer software and intellectual property, database and data protection, protection of semi-conductor chips, domain name protection. Patenting biotech inventions: objective, applications, concept of novelty, concept of inventive step, microorganisms, moral issues in patenting biotechnological inventions.

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