

Course: BSc (H) Botany

Semester: III

Paper: Intellectual Property Rights (SEC) TH&PR

Name of the Teacher: Dr. Priyanka Verma

Topic	Reference	Approximate (schedule)
Unit 1 Introduction to intellectual property right (IPR) Concept and kinds. Economic importance. IPR in India and world: Genesis and scope, some important examples. IPR and WTO (TRIPS, WIPO).	1. Gupta, R., (2011) , Plant Taxonomy past Present and Future . TERI Press (Chapter 7 for Unit 6) 129 2. Gupta , R., Rajpal , T., (2012) ConciseR.,(2011) , Plant Taxonomy past Present and Future . TERI Press (Chapter 7 for Unit 6) 3. Gupta , R., Rajpal , T., (2012) Concise Notes on Biotechnology. Delhi: Mc Graw Hill Publication (chapter 14 for Unit 1) 4. N.K., Acharya.(2001).Text Book on Intellectual Property Rights: (Copyright, Trademark, Patent Design, Geographical Indications, Protection of New Plant Varieties & Farmers Rights and Protection of Biodiversity) . (chapters 1 to 8 for Units 1 to 9)	August 22
Unit 2 Patents Objectives, Rights, Patent Act 1970 and its amendments. Procedure of obtaining patents, Working of patents. Infringement		August 22
Unit 3 Copyrights Introduction, Works protected under copyright law, Rights, Transfer of Copyright, Infringement		September 22
Unit 4 Trademarks (3 Lectures) Objectives, Types, Rights, Protection of goodwill, Infringement, Passing off, Defences, Domain name		September 22
Unit 5 Geographical Indications Objectives, Justification, International Position, Multilateral Treaties, National Level, Indian Position		October 22
Unit 6 Protection of Traditional Knowledge Objective, Concept of Traditional Knowledge, Holders, 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.		October 22
Unit 7 Industrial Designs Objectives, Rights, Assignments, Infringements, Defences of Design Infringement		October 22
Unit 8 Protection of Plant Varieties 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 farmers, Breeders and Researchers. National gene bank, Benefit sharing. Protection of Plant Varieties and Farmers' Rights Act, 2001.		November 22

Unit 9 Information Technology Related Intellectual Property Rights Computer Software and Intellectual Property, Database and Data Protection, Protection of Semiconductor chips, Domain Name Protection		November 22
Unit 10: Biotechnology and Intellectual Property Rights. Patenting Biotech Inventions		December 22

Topic	Reference	Approximate (schedule)
<p>Practical</p> <ol style="list-style-type: none"> 1. Patent search 2. Trademark search 3. copyright infringement (Plagiorism checkby Urkundand other available software, 4. Geographical Indicators (i) food- Malabar pepper, Basmati rice, Darjeeling Tea, and Requefort cheese, handlooms, (Kota Doria, , Banarasi Sari, , Muga Silk, Kanchipuram), II- Industry (Mysore agarbatti, Feni Goa, Champagne, (France). IV. Natural resources- (Makrana marbles Two example of each category 5. Biopiracy-neem , turmeric 6. Industrial designs- Jewellery design, chair design, car design, Bottle design, Aircraft design, 7. IPR e diary 	<ol style="list-style-type: none"> 1. Gupta, R., (2011) , Plant Taxonomy past Present and Future . TERI Press (Chapter 7 for Unit 6) 129 2. Gupta, R., Rajpal , T., (2012) ConciseR.,(2011) , Plant Taxonomy past Present and Future . TERI Press (Chapter 7 for Unit 6) 3. Gupta , R., Rajpal , T., (2012) Concise Notes on Biotechnology. Delhi: Mc Graw Hill Publication (chapter 14 for Unit 1) 4. N.K., Acharya.(2001).Text Book on Intellectual Property Rights: (Copyright, Trademark, Patent Design, Geographical Indications, Protection of New Plant Varieties & Farmers Rights and Protection of Biodiversity) . (chapters 1 to 8 for Units 1 to 9) 	<p>August- December 22</p>