

STATE INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Electronics & Communication Engineering

LESSON PLAN

Subject Name: - Intellectual Property Rights for Technology Development & Management

Subject Code: - ECP-24A

Workload: 3 Hours/Week

Year: - 4th

Semester: - 7th

Lecture No.	Unit	Topic	Mapped CO
1	I	Nature of Intellectual Property – Patents, Designs, Trade, Copyright	CO1
2		Process of Patenting – Technological Research & Innovation	CO1
3		Patenting & Development – National Perspective	CO1
4		International Scenario – Cooperation on IPR	CO1
5		Procedure for Grant of Patents	CO1
6		Patenting under PCT	CO1
7		Revision of Unit I	CO1
8	II	Scope of Patent Rights	CO2
9		Licensing of Technology	CO2
10		Transfer of Technology	CO2
11		Patent Information & Databases	CO2
12		Geographical Indications	CO2
13		Case Studies on Licensing & GI	CO2
14		Revision of Unit II	CO2
15	III	Meaning & Forms of Intellectual Property	CO3
16		Copyright Law in India – Historical Evolution	CO3
17		Copyright – Computer Programs & Ownership	CO3
18		Assignment, Infringement & Internet Piracy	CO3
19		Remedies & Procedures in India	CO3
20		Patents Act 1970 – Historical Perspective	CO3
21		Patentable Inventions – Biotechnology Focus	CO3
22		Patent Protection for Computer Programs	CO3
23		Patent Application – Process & Examination	CO3
24		Opposition & Sealing of Patents	CO3
25		Patent Cooperation Treaty – Grounds for Opposition	CO3
26		Rights & Obligations of Patentee	CO3
27		Duration of Patents – Law & Policy	CO3
28		Infringement & Remedies	CO3
29		Revision of Unit III (Part I)	CO3
30		Revision of Unit III (Part II)	CO3
31	IV	Administration of Patent System	CO4
32		New Developments in IPR	CO4
33		IPR in Biological Systems	CO4

34		IPR in Computer Software	CO4
35		Traditional Knowledge – Case Studies	CO4
36		IPR & IITs	CO4
37		Revision of Unit IV	CO4
38	—	Comprehensive Revision I (Units I & II)	CO1, CO2
39	—	Comprehensive Revision II (Unit III)	CO3
40	—	Comprehensive Revision III (Unit IV)	CO4
41	—	Case Study Discussion – Biotechnology & Software Patents	CO3, CO4
42	—	Case Study Discussion – Traditional Knowledge & GI	CO2, CO4
43	—	Full Syllabus Revision I	CO1– CO4
44	—	Full Syllabus Revision II	CO1– CO4
45	—	Final Wrap-Up & Syllabus Recap	CO1– CO4