

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

A Govt. Added UGC Autonomous and NAAC Accredited Institute, Affiliated to R.G.P.V, Bhopal

## DEPARTMENT OF ELECTRONICS ENGINEERING

### Multiple Mode Teaching Learning Pattern

Name of Course with Code: Intellectual Property Rights (100008)		Class: B. Tech. III Year VI Sem	Session: Jan-June 2023	
S. No.	Unit	Content to be Covered	Teaching Session	Mode
1.	Unit 1	Introduction to IPRs	1	Online and Open discussions
2.		Basic concepts and need for Intellectual Property – Meaning and practical aspects of Patents	2-3	Online and Open discussions
3.		Copyrights, Geographical Indications, IPR in India and Abroad.	4	Online and Open discussions
4.		Nature of Intellectual Property, Industrial Property,	5	Online and Open discussions
5.		Technological Research	6	Online and Open discussions
6.		Inventions and Innovations – Important examples of IPR.	7	Online and Open discussions
7.		The IPR tool kit	8	Online and Open discussions
8.	Unit 2	Patents and patenting process	9-10	Online and Open discussions
9.		Patent cooperation treaties: International Treaties and conventions on IPRs	11-12	Online and Open discussions
10.		TRIPS Agreement, PCT Agreement,	13-14	Online and Open discussions
11.		Patent Act of India,	15-16	Online and Open discussions
12.		Patent Amendment Act,	17-18	Online and Open discussions
13.		Design Act	19-20	Online and Open discussions
14.		Trademark Act, Geographical Indication Act.	21-22	Online and Open discussions
15.	Unit 3	IPR of Living Species, protecting inventions in biotechnology	23	Online and Open discussions
16.		Protections of traditional knowledge, bio-piracy and documenting traditional knowledge	24	Online and Open discussions
17.		Digital Innovations and Developments as Knowledge Assets	25	Online and Open discussions
18.		IP Laws- Cyber Law and Digital Content Protection	26	Online and Open discussions
19.		Case studies: The basmati rice issue,	27	Online and Open discussions
20.		Case studies: revocations of turmeric patent, revocation of patent.	28	Online and Open discussions

21.	Unit 4	Rights of an IPR owner, licensing agreements	29	Online and Open discussions
22.		Criteria for patent infringement. Case studies of patent infringement	30	Online and Open discussions
23.		IPR – a contract	31	Online and Open discussions
24.		IPR – a contract, unfair competitions and control,	32	Online and Open discussions
25.		Provisions in TRIPs.	33	Online and Open discussions
26.	Unit 5	Commercialization, Recent changes in IPR laws impacting patents	34	Online and Open discussions
27.		Recent changes in IPR laws impacting copy rights	35	Online and Open discussions
28.		intellectual cooperation in the science and allied industry	36	Online and Open discussions
29.		Patentable and non-patentable research.	37	Online and Open discussions
30.		Case studies	38	Online and Open discussions
31.		Open Discussion	39-40	Online and Open discussions

Online	Offline						
	Black Board Teaching	Group based Learning	Learning through projects	Learning through demonstration	Learning through experimentation	Activity based Learning	Onsite/field based learning
100%	0%	0%	0%	0%	0%	0%	0%



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