LESSON PLAN

Course and Branch:

M.Tech in Robotics and Artificial Intellegence (Computer Engg)

Course Title:

Research Methodology and IPR   Course Code: (MTRM-116)

	Lecture No.	Topics To Be Covered
1	L 1	Meaning of research problem,
	L 2	Sources of research problem,
	L 3	Criteria Characteristics of a good research problem,
2	L 4	Errors in selecting a research problem,
	L 5	Scope and objectives of research problem.
	L 6	Approaches of investigation of solutions for research problem,
3	L 7	Data collection, analysis
	L 8	Interpretation, Necessary instrumentations
	L 9	Effective literature studies approaches,
4	L 10	Analysis of available approaches
	L 11	Plagiarism,
	L 12	Research ethics,
5	L 13	Effective technical writing
	L 14	How to write report
	L 15	Paper.Developing a Research Proposal,
6	L 16	Format of research proposal,
	L 17	A presentation and assessment by a review committee
	L 18	Revision of Above content

7	L 19	First Sessional Exam
	L 20	Nature of Intellectual Property:
	L 21	Patents, Designs, Trade and Copyright
8	L 22	Process of Patenting and Development:
	L 23	Technological research, innovation,
	L 24	Patenting, development
9	L 25	International Scenario: International cooperation on Intellectual Property
	L 26	Procedure for grants of patents
	L 27	Patenting under PCT
10	L 28	Revision of above content
	L 29	Second Sessional Exam
	L 30	Patent Rights:
11	L 31	Scope of Patent Rights
	L 32	Licensing and transfer of technology.
	L33	Patent information and databases.
12	L 34	Geographical Indications.
	L 35	New Developments in IPR:
	L 36	Administration of Patent System. New developments in IPR;
13	L 37	IPR of Biological Systems
	L 38	Computer Software etc
	L 39	Traditional knowledge Case Studies,
14	L 40	IPR and IITs
	L 41	A presentation and assessment by a review committee
	L 42	Effective technical writing
15	L 43	Sessional Test-III
	L 44	Revision
	L 45	Revision