

M.TECH.IN POWER SYSTEM**(Part Time)****SEMESTER I**

Subject code	Name of Subject	TEACHING PERIODS			Credit Points
		L	T	P	
01MPS101 PT	Power System Analysis	3	2	0	5
01MPS102 PT	Advanced Power Electronics	3	2	0	5
01MPS201 PT	MATLAB ROGRAMMING Lab	0	0	3	2
01MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	Total	8	2	3	13

SEMESTER II

Subject code	Name of Subject	TEACHING PERIODS			Credit Points
		L	T	P	
02MPS101 PT	Electric Drives & Their Control	3	2	0	5
02MPS103 PT	EHV AC/DC Transmission	4	1	0	5
02MPS201 PT	Power System Modeling & Simulation Lab	0	0	3	2
02MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	Total	8	2	3	13

SEMESTER-III

Subject code	Name of Subject	TEACHING PERIODS			Credit Points
		L	T	P	
01MPS103 PT	Power System Stability	3	2	0	5
01MPS104 PT	Power generation sources	3	2	0	5
03MPS101 PT	Flexible ac transmission system	3	2	0	5
03MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	Total	9	6	1	16

SEMESTER IV

Subject code	Name of Subject	TEACHING PERIODS			Credit Points
		L	T	P	
02MPS102 PT	Advanced Power System Protection	3	2	0	5
02MPS104 PT	Operation & control of power system	3	2	0	5
04MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	Total	6	6	1	16

SEMESTER V

Subject code	Name of Subject	TEACHING PERIODS			Credit Points
		L	T	P	
03MPS102 PT	Excitation of synchronous machine & their control	3	2	0	5
03MPS202 PT	Dissertation Stage-1	5	0	0	5
03MPS201 PT	Seminar	5	0	0	5
05MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	TOTAL	13	0	1	16

SEMESTER VI

SUBJECT CODE	NAME OF SUBJECT	HOURS/WEEK			CREDIT POINTS
		L	T	P	
04MPS201 PT	DISSERTATION-2				
	a) Continuous Evaluation	5	0	0	5
	b) Project Report	5			5
	c) Viva Voice	6			6
06MPS301 PT	Discipline & Co Curricular activities	0	0	4	1
	TOTAL	16	0	1	17

Course/Paper: 03MPS-201
MPS Semester-V

OBJECTIVE

The students are to select one technical topic related its branch for Seminar. The student is to submit the synopsis for assessment and approval. Progress for preparation of the seminar topic would be continuously assessed from time to time. Two periods per week are to be allotted and students are expected to present the seminar Progress. A faculty guide is to be allotted and he / she will guide and monitor the progress of the student and maintain the attendance.

Students have to give a final presentation for 15 minutes on his topic. Students are encouraged to use various teaching aids such as over head projectors, power point presentation and demonstrative models. This will enable them to gain confidence in facing the placement interviews

PROJECT

Course/Paper: 03MPS-202P

MPS Semester-V

OBJECTIVE

The objective of the project work is to enable the students in convenient groups of not more than 3 members on a project involving theoretical and experimental studies related to the branch of study. Every project work shall have a guide who is the member of the faculty of the institution.

The student should select any one of the topics offered from the department or select one on his own duly approved from the department. Candidate is required to submit the detailed synopsis of the work that he would complete in the part-II

Each student shall finally produce a comprehensive report covering back ground information, literature survey, problem statement, project work details and conclusion. This final report shall be typewritten form as specified in the guidelines.

Semester VI

DISSERTATION

Course/Paper: 04MPS-201
MPS Semester-VI

The student will submit a synopsis at the beginning of the semester for the approval from the University project committee in a specified format. Synopsis must be submitted within a two weeks. The first defense, for the dissertation work, should be held within a one Month. Dissertation Report must be submitted in a specified format to the University for evaluation purpose.