



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

(ENGG. COLLEGE)

(An Autonomous Institute Affiliated to RGPV, Bhopal)

Vidisha (M.P.) 464001

SCHEME OF EXAMINATION W.E.F. 2011-12

First Semester – ME in Electrical Machine & Drives

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Marks	Tests (Two)	Assignments / Quiz	End Sem. Practical / Viva	Practical Record/ Assign. / Quiz/ Presentation	
1	MEEMD-1111	Power Electronics Devices & Phase Controlled Circuit	3	1	-	4	70	20	10	-	-	100
2	MEEMD-1112	Industrial and process instrumentation	3	1	-	4	70	20	10	-	-	100
3	MEEMD-1113	Forced Commutation Circuit	3	1	-	4	70	20	10	-	-	100
4	MEEMD-1114	Electric Drives	3	1	-	4	70	20	10	-	-	100
5	MEEMD-1115	Elective (E-I)	3	1	-	4	70	20	10	-	-	100
6	MEEMD-1116	Lab. I	-	-	6	6	-	-	-	90	60	150
7	MEEMD-1117	Lab. II	-	-	6	6	-	-	-	90	60	150
		Total	15	5	12	32	350	100	50	180	120	800

L : Lecture T : Tutorial P : Practical

Elective- I (i) Power Electronics application to power system
(iii) Advanced power system protection

(ii) Physical phenomenon of electrical machines
(iv) Analysis of electric machinery



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Second Semester – ME in Electrical Machine & Drives

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Marks	Tests (Two)	Assignments / Quiz	End Sem. Practical / Viva	Practical Record/ Assign. / Quiz/ Presentation	
1	MEEMD-1121	Adv. Electrical Drives	3	1	-	4	70	20	10	-	-	100
2	MEEMD-1122	Adv. Microprocessor	3	1	-	4	70	20	10	-	-	100
3	MEEMD-1123	Adv. Control System	3	1	-	4	70	20	10	-	-	100
4	MEEMD-1124	Elective (E-II)	3	1	-	4	70	20	10	-	-	100
5	MEEMD-1125	Elective (E-III)	3	1	-	4	70	20	10	-	-	100
6	MEEMD-1126	Lab. III	-	-	6	6	-	-	-	90	60	150
7	MEEMD-1127	Lab. IV	-	-	6	6	-	-	-	90	60	150
		Total	15	5	12	32	350	100	50	180	120	800

L : Lecture T : Tutorial P : Practical

Elective –II (i) Special electro mechanical devices
(ii) Programmable logic controller

(ii) Computer aided power system analysis
(iv) Modeling and analysis of electrical machine

Elective –III (i) Computer aided design of electrical machine
(iii) Digital signal processor

(ii) Instrumentation in electric drives
(iv) Power Electronics supply system design