

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute & NAAC Accredited Institute Affiliated to RGPV, Bhopal MP)

Electrical Engineering Department

For batch admitted in Academic Session 2020-2021

B.Tech. (Electrical Engineering) IV Semester

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/Online)	Mode of Exam.
				Theory Slot				Practical Slot				L	T	P			
				End Sem.		Mid Sem. Exam.	Quiz/Assignment	End Sem	Lab Work & Sessional	Skill Based Mini Project							
				End Term Evaluation	Proficiency in subject/course												
1.	100003	BSC	Engineering Mathematics -III	50	10	20	20	-	-	-	100	2	1	-	3	Offline (3/0)	PP
2.	130411	DC	Digital Electronics & Microprocessor	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
3.	130412	DC	Electrical Machines-I	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
4.	130413	DC	Power System-I	50	10	20	20	-	-	-	100	3	1	-	4	Blended (3/1)	PP
5.	100004	MC	Cyber Security	50	10	20	20	-	-	-	100	2	-	-	2	Online (0/2)	MCQ
6.	130414	DLC	Programming With Python	-	-	-	-	60	40	-	100	-	-	2	1	Offline (2/0)	SO
7.	130415	DLC	Renewable Energy Lab	-	-	-	-	60	40	-	100	-	-	2	1	Offline (2/0)	SO
8.	260001 CLC	CLC	Novel Engaging Course	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
Total				250	50	100	100	290	120	40	950	11	4	10	20		

Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester

9.	1000002	MAC	Biology for Engineers	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ
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^{MCQ}: Multiple Choice Question

^{AO}: Assignment - Oral

^{PP}: Pen Paper ^{SO}: Submission - Oral

		Mode of Teaching				Mode of Examination						Total Credits
		Theory		Lab	NEC	Theory		Lab	NEC			
		Blended		Offline	Interactive	PP	AO	MCQ	SO	SO		
Offline	Online	Offline	Online									
3	2	7	3	4	1	13	-	2	4	1	20	
15%	10%	35%	15%	20%	5%	65%	-	10%	20%	5%	Credits %	

M/S
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