

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
 (A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to RGPV, Bhopal)  
 Department of Electrical Engineering  
**B.Tech. (Electrical Engineering) IV Semester**

*For batch admitted in Academic Session 2021-2022*

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	Blended	pp
2.	130412	DC	Electrical Machines-I	50	10	20	20	60	20	20	200	2	1	2	4	Blended	pp
3.	130413	DC	Power System-I	50	10	20	20	-	-	-	100	3	1	-	4	Blended	pp
4.	130416	DC	Microprocessor & Embedded Systems	50	10	20	20	60	20	20	200	2	1	2	4	Blended	pp
5.	100004	MC	Cyber Security	50	10	20	20	-	-	-	100	2	-	-	2	Blended	MCQ
6.	130414	DLC	Programming With Python	-	-	-	-	60	40	-	100	-	-	2	1	Offline	SO
7.	130415	DLC	Renewable Energy Lab	-	-	-	-	60	40	-	100	-	-	2	1	Offline	SO
8.	200xxx	CLC	Novel Engaging Course	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
<b>Total</b>				<b>250</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>290</b>	<b>120</b>	<b>40</b>	<b>950</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>20</b>		
<b>Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester</b>																	
9.	1000001	MAC	Indian Constitution & Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ

<sup>MCQ</sup>: Multiple Choice Question    <sup>AO</sup>: Assignment + Oral    <sup>PP</sup>: Pen Paper    <sup>SO</sup>: Submission + Oral

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

*MCA*  
 02.03.2022  
 DEAN (ACADEMICS)  
 MITS  
 GWALIOR

*[Handwritten signatures and marks]*