



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(Deemed University)  
(Declared Under Distinct Category by Ministry of Education, Government of India)



**NAAC Accredited with A++ Grade**

**Department of Electronics Engineering**  
**Scheme of Evaluation**

**B. Tech. I Semester (Electronics Engineering) (for batch admitted in academic session 2024-25)**

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation.	Duration of Major Evaluation.
				Theory Block				Practical Block			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation Lab Work & Sessional	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/Assignment											
1.	14241101	DC	Instrumentation & Sensors	20	20	30	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
2.	14241102	ESC	Computer Programming	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
3.	14241103	DC	Electronic Devices	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
4.	14241104	DC	Network Theory	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
5.	14241105	ESC	Basic Electrical & Electronics Engineering	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
6.	14241106	DLC	Computer Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14241107	DLC	Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14241108	SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14241109	PBL	Micro Project-I	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14241110	ESC	Engineering Chemistry Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
11.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
<b>Total</b>				<b>100</b>	<b>100</b>	<b>150</b>	<b>150</b>	<b>330</b>	<b>170</b>	<b>1000</b>	<b>11</b>	<b>03</b>	<b>10</b>	<b>19</b>	-	-	-
12.	14241111	MAC	Universal Human Values & Professional Ethics (UHVPE)	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
13.	14241112	MWS	Mandatory Workshop on Indian Constitution and Traditional Knowledge at Department Level (Duration: Two Days)	-	-	-	-	-	-	-	-	-	-	GRADE	Interactive	MCQ	-
Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations.																	
Skill Internship Program (Soft Skill): Minimum 45 hours duration: To be credited in II Semester.																	

<sup>\$</sup>Semester Proficiency– includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses.

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + OralOB: Open Book

<sup>#</sup>Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	0	3	3	0	0	0	2	1	1	0	0	0	1	1	1

Mode of Learning							Mode of Examination						Total Credits
Theory		NEC	Lab				Theory			NEC	Lab		
Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	OB	SO	AO	SO	
13	0	1	1	0	1	3	6	7	0	1	3	3	39
68.42%	0%	5.26%	5.26%	0%	5.26%	15.78%	31.57%	36.84%	0%	5.26%	15.78%	15.78%	Credits %