



Scheme of Evaluation B. Tech. I Semester (Electronics Engineering) (for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Mode of Learning	Mode of Exam.	Duration of Exam.				
				Theory Block			Practical Block				L	T	P							
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation											
				Minor Evaluation I	Minor Evaluation II	Quiz/Assignment		Lab Work & Sessional	Major Evaluation											
1.	14251101	DC	Instrumentation & Sensors	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs			
2.	14251102	ESC	Computer Programming	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs			
3.	14251103	DC	Electronic Devices	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs			
4.	14251104	DC	Network Theory	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs			
5.	14251105	ESC	Basic Electrical & Electronics Engineering	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs			
6.	14251106	DLC	Computer Programming Lab	-	-	-	-	70	30	100	-	-	-	1	Experimental	AO	-			
7.	14251107	DLC	Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	-	1	Experimental	AO	-			
8.	14241108	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	-	2	1	Face to Face	SO	-		
9.	14251109	PBL	Micro Project-I	-	-	-	-	70	30	100	-	-	-	2	1	Experiential	SO	-		
10.	14251110	ESC	Engineering Physics Lab	-	-	-	-	70	30	100	-	-	-	2	1	Experiential	AO	-		
11.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-			
Total				125	125	100	150	380	120	1000	11	03	10	19	-	-	-			
12.	14251111	MAC	Universal Human Values & Professional Ethics (UHVPE)	25	25	20	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs			
13.	14251112	MWS	Mandatory Workshop on Report Writing at Department Level											GRADE	Interactive	MCQ	-			
14.	14251113	MWS	Mandatory Workshop on Indian Constitution and Cultural Values at Department Level											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.																				

^sSemester 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 + Oral OB: Open Book [#] Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC	BSC	ESC	DC	DE	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS			
Mode of Learning																Mode of Examination	
Face to Face	Online	Blended	Experiential	Experimental	PP	AO	MCQ	OB	Lab	SO	Total Credits						
14	-	1	2	2	0	3	13	-	-	3							
73.6	-	5.2	10.5	10.5	0	15.7	68.42	-	-	15.78	Credits %						



Scheme of Evaluation

B. Tech. II Semester (EL) *(for batch admitted in academic session 2025-26)*

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																		
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment																				
1.	14251201	DC	Electronics Engineering Material	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs									
2.	14251202	DC	Electronic Circuits	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs									
3.	14251203	DC	Signals and Systems	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs									
4.	14251204	DC	Digital Circuits and Systems	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs									
5.	14251205	BSC	Linear Algebra and Differential Equation	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs									
6.	14251206	DLC	Digital Logic Design Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-									
7.	14251207	DLC	Problem Solving through Python Programming	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-									
8.	14251208	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-									
9.	14251209	PBL	Micro Project-II [#]	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-									



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.),
INDIA

Deemed University
(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ GRADE



10	14251210	ESC	Foundation Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
11	14251211	HSMC	Language Lab	-	-	-	-	70	30	100	-	-	2	1	Blended	AO	-
12	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-
13	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	-	60	-	-	4	2**	Experiential	SO	-
Total				125	125	100	150	510	150	1160	1 2	04	16	24	-	-	-
14	14251212	MAC	Sustainability & Environmental Science	-	-	-	-	100	-	100	2	-	-	GRADE	Blended	SO	-
15	14251213	MWS	Mandatory Workshop on Career Planning & Goal Setting at Department Level										GRADE	Interactive	MCQ	-	

⁵Semester 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 + Oral **OB:** Open Book

#MCQ: Multiple Choice Question #ASV: Assignment / SVA: Viva Paper / SVA: Submission / GVA: #Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.

*** These credits will be transferred from Skill Internship Program (Soft Skill).**

Skill Internship Program (Soft Skill)																
HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS	
1	1	1	4	0	0	0	2	1	1	1	0	0	1	1	1	1
Mode of Learning																
Theory		NEC	Lab				Theory				NEC	Lab				Total Credits
Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	OB	SO	AO	SO				
15	0	1	1	1	3	3	6	9	0	1	3	3				46
62.5%	0%	4.16%	4.16%	4.16%	12.5%	12.5%	25%	37.5 %	0%	4.16%	12.5%	12.5%				Credits %

Recommended in the Board of Studies Meeting of Department of Electronics Engineering held on 3rd Dec 2025