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 (EL/ET) *(for batch admitted in academic session 2024-25)*

S. No.	Course Code	Category Code	Course Name	Theory Block Continuous Evaluation Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Practical Block Continuous Evaluation Lab Work & Sessional	Major Evaluation	Total Marks	L	T	P	Total Credits	Mode of Learning	Mode of Major Evaluation.	Duration of Major Evaluation.
1.	14241101/20241101	DC	Instrumentation & Sensors	20	20	30	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
2.	14241102/20241102	ESC	Computer Programming	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
3.	14241103/20241103	DC	Electronic Devices	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
4.	14241104/20241104	DC	Network Theory	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
5.	14241105/20241105	ESC	Basic Electrical & Electronics Engineering	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
6.	14241106/20241106	DLC	Computer Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14241107/20241107	DLC	Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14241108/20241108	SP	Semester Proficiency$	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14241109/20241109	PBL	Micro Project-I	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14241110/20241110	ESC	Engineering Physics Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
11.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	–	50	-	1	-	1	Interactive	SO	-
			Total	100	100	150	150	380	120	1000	11	03	10	19	-	-	-
12.	14241111/ 20241111	MAC	Universal Human Values & Professional Ethics (UHVPE)	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
13.		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.														

$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 + Oral**OB:** Open Book
Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.
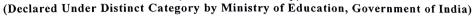
HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	0	3	3	0	0	0	2	1	1	0	0	0	1	1	1

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 %

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Scheme of Evaluation
B. Tech. II Semester (EL/ET) *(for batch admitted in academic session 2024-25)*

S. No.	Course Code	Category Code	Course Name	Theory Block — Continuous Evaluation — Minor Evaluation I	Theory Block — Continuous Evaluation — Minor Evaluation II	Theory Block — Continuous Evaluation — Quiz/Assignment	Theory Block — Major Evaluation	Practical Block — Continuous Evaluation — Lab Work & Sessional	Practical Block — Major Evaluation	Total Marks	Contact Hours per week		P	Total Credits	Mode of Learning	Mode of Max Eval
1.	14241201/20241201	DC	Data Communication	20	20	30	30	-	-	100	3	-	-	3	Face to Face	P
2.	14241202/20241202	DC	Electronic Circuits	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MC
3.	14241203/20241203	DC	Signals and Systems	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MC
4.	14241204/20241204	DC	Digital Circuits and Systems	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MC
5.	14241205/20241205	BSC	Linear Algebra and Differential Equation	20	20	30	30	-	-	100	3	-	-	3	Face to Face	P
6.	14241206/20241206	DLC	Digital Logic Design Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	A
7.	14241207/20241207	DLC	Problem Solving through Python Programming	-	-	-	-	70	30	100	-	-	2	1	Experimental	A
8.	14241208/20241208	SP	Semester Proficiency$	-	-	-	-	50	-	50	-	-	2	1	Face to Face	S
9.	14241209/20241209	PBL	Micro Project-II#	-	-	-	-	70	30	100	-	-	2	1	Experiential	S
10.	14241210/20241210	ESC	Engineering Chemistry Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	A
11.	14241211/20241211	HSMC	Language Lab	-	-	-	-	70	30	100	-	-	2	1	Blended	A
12.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	–	50	-	1	-	1	Interactive	S
13.	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	–	60	-	-	-	2**	Experiential	S
			Total	100	100	150	150	510	150	1160	12	04	12	24	-	
14.	14241212/20241212	MAC	Sustainability & Environmental Science	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MC
15.		MWS	Mandatory Workshop on Indian Knowledge System at Department Level (Duration: Two Days)											GRADE	Interactive	MC

Summer Semester of six-eight week duration will be conducted for makeup of I& II semester examination.

$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 + Oral   OB: Open Book

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).

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

Mode of Learning							Mode of Examination						
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 BoS meeting of **Electronics Engineering & Electronics and Telecommunication Engineering** held on 6th Dec 2024