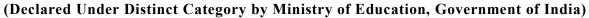
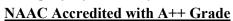


## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

### (Deemed University)





## **Department of Electronics Engineering**

**Scheme of Evaluation** 

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



				D. Teen, I Semester	()() or our		ximum Ma					Con	tact H	ours				
				İ	Theory Block				Practica	l Block		p	er wee	k				Duration
S. No.	Course Co		itegory Code		Continuous Evaluation			- Major	Continuous Evaluation	Major	Total Marks				Total Credits	Mode of Learning	of Major Evaluat	of Major Evaluation
					Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluation <b>Evaluation</b>		L	Т	P			ion.	n.
1.	14241101	1	DC	Instrumentation & Sensors	20	20	30	30	1	-	100	3	-	1	3	Face to Face	MCQ	2 Hrs
2.	14241102	2	ESC	Computer Programming	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
3.	14241103	3	DC	<b>Electronic Devices</b>	20	20	30	30	ı	-	100	2	1	ı	3	Face to Face	PP	2 Hrs
4.	14241104	4	DC	Network Theory	20	20	30	30	ı	-	100	2	1	ı	3	Face to Face	PP	2 Hrs
5.	14241105	5	ESC	Basic Electrical & Electronics Engineering	20	20	30	30	ı	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
6.	14241106	6	DLC	Computer Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14241107	7	DLC	Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14241108	8	SP	Semester Proficiency <sup>8</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14241109	9	PBL	Micro Project-I	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14241110	0	ESC	Engineering Physics Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
11.	NECXXXX	NECXXXXX NEC Novel Engagin Learning)		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.		MAC (t	niversal UHVPE)	Human Values & Professional Ethics	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
13.	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.																	
	Induc	tuon program	ime of thre				· · · · ·		es by Eminent Po credited in II Se		iocal Are	as, Fan	nnariza	ation to	Dept./Bran	en & Innovation	S.	

Semester Proficiency- includes the weightage towards ability/skill/competency/knowledge level/expertise attained etc. in the semester courses.

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

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

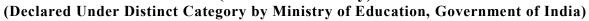
BSC	ESC	DC	DE	SPC	oc	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS		
0	3	3	0	0	0	2	1	1	0	0	0	1	1	1		
		Mode of Le	arning													
Theory NEC Lab							Theory NEC					Lab		Total Credits		
Online	Interactive	Face to Face	Blended	Experiential	Experim	nental	PP	MCQ	OB	so	AO	so		otal Credits		
0	1	1	0	1	3		6	7	0	1	3	3		39		
0%	5.26%	5.26%	0%	5.26%	15.78	3%	31.57%	36.84 %	0%	5.26%	15.78%	15.78%		Credits %		
)	o ry Online	o 3  ry NEC  Online Interactive  0 1	0   3   3	0   3   3   0	0   3   3   0   0   0	0   3   3   0   0   0   0	0   3   3   0   0   0   2	0   3   3   0   0   0   2   1	0   3   3   0   0   0   2   1   1   1	0   3   3   0   0   0   2   1   1   0	0   3   3   0   0   0   2   1   1   0   0   0   0   0   0   0   0	0   3   3   0   0   0   2   1   1   0   0   0   0   0   0   0   0	0   3   3   0   0   0   2   1   1   0   0   0   1	0   3   3   0   0   0   2   1   1   0   0   0   1   1   1		

**Scheme of Evaluation** 



#### MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

#### (Deemed University)





#### **NAAC** Accredited with A++ Grade

# Department of Electronics Engineering B. Tech. II Semester (EL) (for batch admitted in academic session 2024-25)

					Maximum Marks Allotted												Duration
S. No.	Course Code	Categor	Course Name		Theor	y Block		Practica	l Block	Total	Contact Hours per week			Total	Mode of	Mode of Major	of Major Evaluatio n.
5. 110.	Course Code	y Code	Course rume	Continuous Evaluation				Continuous Evaluation		Marks				Credits	Learning	Evaluati	
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Lab Work & Sessional	Major Evaluation				P			on.	
1.	14241201	DC	Data Communication	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
2.	14241202	DC	Electronic Circuits	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	14241203	DC	Signals and Systems	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
4.	14241204	DC	Digital Circuits and Systems	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
5.	14241205	BSC	Linear Algebra and Differential Equation	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
6.	14241206	DLC	Digital Logic Design Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14241207	DLC	Problem Solving through Python Programming	-	•	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14241208	SP	Semester Proficiency <sup>S</sup>	-	•	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14241209	PBL	Micro Project-II#	-	•	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14241210	ESC	Engineering Chemistry Lab	-	•	-	-	70	30	100	-	-	2	1	Experimental	AO	-
11.	14241211	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	-	-	-	2**	Experiential	SO	-
		7	Total	100	100	150	150	510	150	1160	12	04	12	24	-	-	-
14.	14241212	MAC	Sustainability & Environmental Science	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5Hrs
15.		MWS	Mandatory Workshop on Indian Knowledge Syst		,									GRADE	Interactive	MCQ	-
			Summer Sem	ester of six-eigl	nt week duratioi	n will be conduc	ted for makeup	ot i & 11 semeste	r examination.								

Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses,

<sup>.\*\*</sup> These credits will be transferred from Skill Internship Program (Soft Skill).

HSMC	BSC	ESC	DC	DE	SPC	OC DL	C NE	C 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 Le	earning				Mode of Examination						
The	ory	NEC			Lab			Theory		NEC		Lab		otal Credits
Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	so	AO	so		ntai Creuits
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 %

OB: Open Book

Scheme of Evaluation

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

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



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





#### **Scheme of Evaluation**

B. Tech. III Semester (EL) (for batch admitted in academic session 2024-25)

						N	Jaximum M	larks Allot	ted			Con	tact H	ours				
					Theory Block				Practica	l Block		p	er wee	ek			Mode	Duration
S. No.	Course (	Code	Category Code	Course Name	Continuous Evaluation E		Continuous Evaluation		Total Marks				Total Credits	Mode of	Major	of Major Evaluatio		
					Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Lab Work & Sessional	Major Evaluation		L	Т	P		Learning	Evaluati on.	n.
1.	142421	01	BSC	Probability and Random Processes	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
2.	142421	.02	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	142421	.03	DC	Communication Systems	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
4.	142421	.04	DC	Integrated Circuits	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
5.	142421	.05	DC	Linear Control Theory	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
6.	142421	.06	DLC	Communication Lab	-	-	-	-	70	30	100	-	-	2	1	Experimenta 1	AO	-
7.	142421	.07	DLC	Integrated Circuits Lab	-	-	-	-	70	30	100	-	-	2	1	Experimenta l	AO	-
8.	142421	.08	SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	142421	.09	PBL	Macro Project-I#	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	142421	10	SLP	Self-learning/Presentation <sup>SSS</sup> (SWAYAM/NPTEL/MOOC)	-	-	-	-	40	-	40	-	-	2	1	Mentoring	SO	-
11.	NECXX	XXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-
	Total					125	100	150	350	90	940	11	05	10	21	-	-	-
12.	14242111	MAC	Cyber Sec	curity	20	20	30	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5Hrs
13.	14242112	MWS	Mandatory	Workshop on Mastering Competitive Succe	ss at Departm	ent Level									GRADE	Interactive	MCQ	-
	,		•	Skill Internship Program(	Institute Le	vel) (Qualific	er): Minimun	n 30 hours o	luration: To l	e credited in	ı IV Seme	ester			•			

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

<sup>555</sup> Compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance and presentation.

HSMC	BSC	ESC	DC	DE	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	1	0	4	0	0	2	1	1	0	1	0	1	1	1

		Mode of Learning								
The	ory		Lab			The	Lab	Total Credits		
Face to Face	Online	Blended	Experiential	Experimental	PP	AO	MCQ	OB	so	1
16	1	_	1	2	0	2	15	-	4	
76	ı	-	4.7	9.5	0	9.5	71.42	-	19	Credits %

<sup>\*</sup>Macro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.