



## **Semester-Wise General Scheme Structure & Important Guidelines for Flexible Curriculum**

**(Batch admitted in Academic Session 2025-26 onwards)**

### **Abbreviations Used**

<b>L</b>	Lecture
<b>T</b>	Tutorial
<b>P</b>	Practical
<b>HSMC</b>	Humanities and Social Sciences including Management Courses
<b>BSC</b>	Basic Science Courses
<b>ESC</b>	Engineering Science Courses
<b>DC</b>	Departmental Core
<b>DE</b>	Departmental Elective
<b>OC</b>	Open Category
<b>DLC</b>	Departmental Laboratory Courses
<b>MOOC</b>	Massive Open Online Course
<b>MWS</b>	Mandatory Workshop
<b>SP</b>	Semester Proficiency
<b>SIP</b>	Skill Internship Program
<b>SLP</b>	Self-learning Presentation
<b>PSC</b>	Professional Skills & Competencies
<b>PDC</b>	Professional Development Component
<b>PBL</b>	Project Based Learning
<b>PC</b>	Professional Certification
<b>MAC</b>	Mandatory Audit Course
<b>NEC</b>	Novel Engaging Course



HSMC		BSC		ESC		DC		DE		OC		DLC		NEC		SP		SIP		SLP		PDC		PBL		MAC		MWS	
0		0		3		3		0		0		2		1		1		0		0		0		1		1		2	
		Mode of Learning										Mode of Examination										Total Credits							
Theory			Lab			Theory			Lab																				
Face to Face		Online	Blended	Experiential		Experimental	PP	AO	MCQ	OB	SO																		
13		-	1	1		3	0	3	13	-	3																		
68.4		-	5.2	5.26		15.78	0	15.7	64.2	-	15.78	Credits %																	



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**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 n.
				Theory Block				Practical Block									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	14251201	DC	Data Communication	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 <sup>§</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14251209	PBL	Micro Project-II <sup>#</sup>	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14251210	ESC	Engineering Chemistry 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	-	-	-	2**	Experiential	SO	-
Total				125	125	100	150	510	150	1160	12	04	12	24	-	-	-
14.	14251212	MAC	Sustainability & Environmental Science	25	25	20	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5Hrs
15.	14251213	MWS	Mandatory Workshop on Indian Knowledge System at Department Level (Duration: Two Days)											GRADE	Interactive	MCQ	-
Summer Semester of six-eight week duration will be conducted for makeup of I & II semester examination.																	

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

<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 + Oral      **OB:** Open Book

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

<sup>\*\*</sup> 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				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				
15	0	1	1	1	3	3	6	9	0	1	3	3				
62.5%	0%	4.16%	4.16%	4.16%	12.5%	12.5%	25%	37.5 %	0%	4.16%	12.5%	12.5%	Credits %			



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**Scheme of Evaluation**



**B. Tech. III 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									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	14252101	BSC	Probability and Random Processes	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
2.	14252102	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	14252103	DC	Analog Communication	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
4.	14252104	DC	Analog Integrated Circuits	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
5.	14252105	DC	Linear Control Theory	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
6.	14252106	DLC	Analog Communication Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14252107	DLC	Analog Integrated Circuits Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14252108	SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	14252109	PBL	Macro Project-I <sup>#</sup>	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	14252110	SLP	Self-learning/Presentation <sup>\$\$\$</sup> (SWAYAM/NPTEL/MOOC)	-	-	-	-	40	-	40	-	-	2	1	Mentoring	SO	-
11.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-
Total				100	100	100	150	350	90	940	11	05	10	21	-	-	-
12.	14252311	MAC	Cyber Security	25	25	20	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5Hrs
13.	14252312	MWS	Mandatory Workshop on Internet of Things(IoT) at Department Level (Duration: Two Days)											GRADE	Interactive	MCQ	-
Skill Internship Program(Institute Level) (Qualifier): Minimum 30 hours duration: To be credited in IV Semester																	

**Skill Internship Program(Institute Level) (Qualifier): Minimum 30 hours duration: To be credited in IV Semester**

<sup>S</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 + Oral    **OB:** Open Book

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

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

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	1	0	4	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	
15	0	1	1	0	1	2	6	9	0	1	2	4	42
71.42%	0%	4.76%	4.76%	4.16%	4.76%	9.5%	28.57%	42.85 %	0%	4.16%	9.52%	19.04%	Credits %



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**B. Tech. IV 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									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	14252201	DC	Linear Control Theory	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
2.	14252202	DC	Microprocessor and Interfacing	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	14252203	DC	Digital Communication	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
4.	14252204	DC	Electromagnetic Fields	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
5.	14252205	DC	VLSI Design	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
6.	14252206	DLC	Microprocessor and Interfacing Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	14252207	DLC	Digital Communication Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	14252208	DLC	VLSI Design Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
9.	14252209	SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
10.	14252210	PBL	Macro Project-II <sup>#</sup>	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
11.	NECXXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-
12.	SIP3XXXX	SIP	Skill Internship Program	-	-	-	-	60	-	60	-	-	-	2**	Experiential	SO	
Total				125	125	100	150	490	188	1110	11	05	10	23	-	-	-
13.	14252211	MAC	Project Management, Economics & Financing	25	25	20	30	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
14.	14252212	MWS	Mandatory Workshop on Computer Vision at Department Level (Duration: Two Days)											GRADE	Interactive	MCQ	-
15.	14252213	MWS	Mandatory Workshop on Life Skills at Department Level (Duration: Two Days)											GRADE	Interactive	MCQ	-
Summer Semester of six-eight week duration will be conducted for makeup of previous semester examination.																	
Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree																	

<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 + Oral      **OB:** Open Book

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

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

PC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
1	0	0	5	0	0	0	3	1	1	1	0	0	1	1	2

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	
15	0	1	1	0	3	3	6	9	0	1	3	5	
62.5%	0%	4.16%	4.16%	0%	4.16%	9.5%	25%	37.5 %	0%	4.16%	12.5%	20.83%	Credits %





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**B. Tech. V 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		MOOCs			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment	Exam								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional											
1.	14253101	DC	Digital Signal Processing	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
2.	14253102	DC	Embedded Systems	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	14253103	DC	Data Science	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
4.	142531XX	DE	Departmental Elective* (DE-1)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
5.	14253104	SPC	Specialization Course (SPC-1)	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
6.	14253105	DLC	Digital Signal Processing Lab	-	-	-	-	70	30	-	-	100	-	-	2	1	Experimental	AO	-
7.	14253106	DLC	Data Science Lab	-	-	-	-	70	30	-	-	100	-	-	2	1	Experimental	AO	-
8.	14253107	SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	-	-	50	-	-	2	1	Face to Face	SO	-
9.	14253108	PSC	Professional Skills & Competencies - I	-	-	-	-	70	30	-	-	100	-	-	4	2			
10.	14253109	PBL	Cornerstone Project	-	-	-	-	70	30	-	-	100	-	-	4	2	Experiential	SO	-
Total				100	100	80	120	260	90	25	75	950	11	04	14	22	-	-	-
11.	14253109	MAC	Supply Chain Management	25	25	20	30	-	-			100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
12.	14253110	MWS	Mandatory Workshop on Blockchain at Department Level (Duration: Two Days)													GRADE	Interactive	MCQ	-
Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree																			

<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 + Oral **OB:** Open Book

\* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

SMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	0	0	3	1	1	0	2	0	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	
12	3	0	1	0	2	2	6	9	0	0	2	3	
60%	15%	0%	5%	0%	10%	10%	30%	45 %	0%	4.16%	10%	15%	Credits %



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**Scheme of Evaluation**  
**B. Tech. VI 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		MOOCs									
					Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment		Exam							
					Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional											
1.	14253201		DC	Mobile Communication and 5G Networks	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
2.	14253202		DC	Artificial Intelligence & Machine Learning	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
3.	142532XX		DE	Departmental Elective* (DE-2)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
4.	142532XX		OC	Open Category Course (OC-1)	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
5.	14253203		SPC	Specialization Course (SPC-2)	25	25	20	30	-	-	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
6.	14253204		DLC	Embedded System Lab	-	-	-	-	70	30	-	-	100	-	-	2	1	Experimental	AO	-
7.	14253205		DLC	Artificial Intelligence & Machine Learning Lab	-	-	-	-	70	30	-	-	100	-	-	2	1	Experimental	AO	-
8.	14253206		SP	Semester Proficiency <sup>\$</sup>	-	-	-	-	50	-	-	-	50	-	-	2	1	Face to Face	SO	-
9.	14253207		PC	Professional Certification	-	-	-	-	50	-	-	-	50	-	-	2	1	Blended	SO	-
10.	14253208		PSC	Professional Skills & Competencies - II	-	-	-	-	70	30	-	-	100	-	-	4	2	Face to Face	MCQ	2Hrs
11.	14253209		PBL	Capstone Project	-	-	-	-	70	30	-	-	100	-	-	4	2	Experiential	SO	-
Total					100	100	80	120	260	90	25	75	1000	12	03	16	23	-	-	-
12.	14253210	MAC	Disaster Management		25	25	20	30	-	-	-	-	100	2	-	-	GRADE	Blended	MCQ	1.5 Hrs
13.	14253211	MWS	Mandatory Workshop on Intellectual Property Rights at Department Level (Duration: Two Days)														GRADE	Interactive	MCQ	-
Skill Enhancement Program/Research Internship/On Job Training for Four weeks duration (Optional)																				
Summer Semester of six-eight week duration will be conducted for makeup of V & VI semester examination.																				
Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree																				

<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 + Oral    OB: Open Book

\* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform.

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	0	0	2	1	1	1	2	0	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	
12	3	0	1	0	2	2	6	9	0	0	2	3	
60%	15%	0%	5%	0%	10%	10%	30%	45 %	0%	4.16%	10%	15%	Credits %



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**B. Tech. VII 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		MOOCs			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment	Exam								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional											
1.	142541XX	DE	Departmental Elective (DE-3)	25	25	20	30	-	-	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
2.	142541XX	DE	Departmental Elective* (DE-4)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
3.	142541XX	OC	Open Category Course (OC-2)					-	-	25	75	100	3	-	-	3	Face to Face	PP	2 Hrs
4.	14254102	SEP	Skill Enhancement Program/Research Internship/ On Job Training	-	-	-	-		50	-	-	50	-	-	2	1**	Face to Face	SO	-
5.	14254103	DLC	Creative Problem Solving	-	-	-	-		50	-	-	50	-	-	2	1	Experiential	AO	-
Total				25	25	20	30		100	50	150	400	9	-	04	11	-	-	-
Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree																			

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

\* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform.

\*\* These credits will be transferred from Skill Enhancement Program/Research Internship/On Job Training

#Course run through MITS-DU MOOCs

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	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	
12	3	0	1	0	1	0	6	6	0	0	1	1	
85.17%	21.42%	0%	7.14%	0%	7.14%	0%	42.85%	42.85 %	0%	0%	7.14%	7.14%	Credits %





**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. VIII 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		MOOCs			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment	Exam								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment													
1.	142542XX	DE	Departmental Elective* (DE-5)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
2.	142542XX	OC	Open Category Course* (OC-3)	-	-	-	-	-	-	25	75	100	2	-	-	2	Online	MCQ	3 Hrs
3.	14254201	PBL	Industry Internship/Research Internship/ Innovation & Start-up	-	-	-	-	280	120	-	-	400	-	-	20	10	Experiential	SO	-
4.	14254202	PDC	Professional Development <sup>##</sup>	-	-	-	-	-	50	-	-	50	-	-	4	2	Interactive	SO	-
Total				-	-	-	-	280	170	50	150	650	05	-	24	17	-	-	-
Summer Semester of six-eight week duration will be conducted to complete any backlog courses.																			
Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree																			

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

\*Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

<sup>##</sup> Evaluation will be based on participation/laurels brought by the students to the institution in national/state level technical and other events during the complete tenure of the UG programme (participation in professional chapter activities, club activities, cultural events, sports, personality development activities, collaborative events, MOOCs, technical events, institute/department committees, etc.)

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

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	Interactive	PP	MCQ	OB	SO	AO	SO	
0	6	0	0	0	10	0	2	0	6	0	0	0	12	
0%	33.33%	0%	0%	0%	55.55%	0%	11.11%	0%	33.33 %	0%	0%	0%	7.14%	Credits %