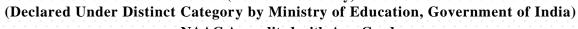


(Deemed University)





Department of Electronics Engineering



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

(Batch admitted in Academic Session 2025-26 onwards)

Abbreviations Used

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



(Deemed University)





Department of Electronics Engineering Scheme of Evaluation

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



					Maxir	num Marks	Allotted					ontact urs pe					
					Theory B	lock		Practical H	Block			week		T . 4 . 1	Mode		
S. No.	Course Code	Category Code	Course Name	Contin	uous Evaluati	ion	Major	Continuous Evaluation	Major	Total Marks				Total Credi ts	of Learni	of Exam.	Duration of Exam.
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluat ion		. L	Т	P		ng		
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	MC Q	2 Hrs
4.	14251104	DC	Network Theory	25	25	20	30	-	-	100	2	1 -1		3	Face to Face	MC Q	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			2	1	Experimen tal	AO	
7.	14251107	DLC	Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100			2	1	Experimen tal	AO	
8.	14241108	SP	Semester Proficiency ⁸	-	-	-	-	50	-	50			2	1	Face to Face	so	
9.	14251109	PBL	Micro Project-I	-	-	-	-	70	30	100			2	1	Experienti al	SO	
10.	14251110	ESC	Engineering Physics Lab	-	-	-	-	70	30	100			2	1	Experimen tal	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	1 0	19	-	-	-
12.	14251111	MAC	Universal Human Values & Professional Ethics (UHVPE)	25	25	20	30	-	-	100	2	:	= .	GRA DE	Blended	MCQ	1.5 Hrs
13.	14251112	MWS	Mandatory Workshop on Report Writing at Department	Level										GRAD E	Interactiv e	MCQ	
14.	14251113	MWS	Mandatory Workshop on Indian Constitution and Cultur	al Values at Departm	ent Level									GRAD E	Interactiv e	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.

	Question	110111	ioongiiiiieiii	141	TI TOM TUP	DO . Due!	mooron - Orar	OD: Ope	n Book - milero	rroject r min	oe presented a	ia e raidatea tii	rough un mieru	isoipiinai j proj	cet e taraatron .	committee.
	HSMC	BSC		ESC	DC	DE	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
	0	0		3	3	0	0	2	1	11	0	0	0	1	1	2
-				Mode of Learning				N	Mode of Examination	1						
٠		Theory			Lab			The	eory		Lab	Total Credits				
. [Face to Face	Online	Blended	Experi	ential	Experimental	PP	AO	MCQ	OB	so					

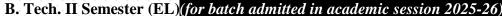


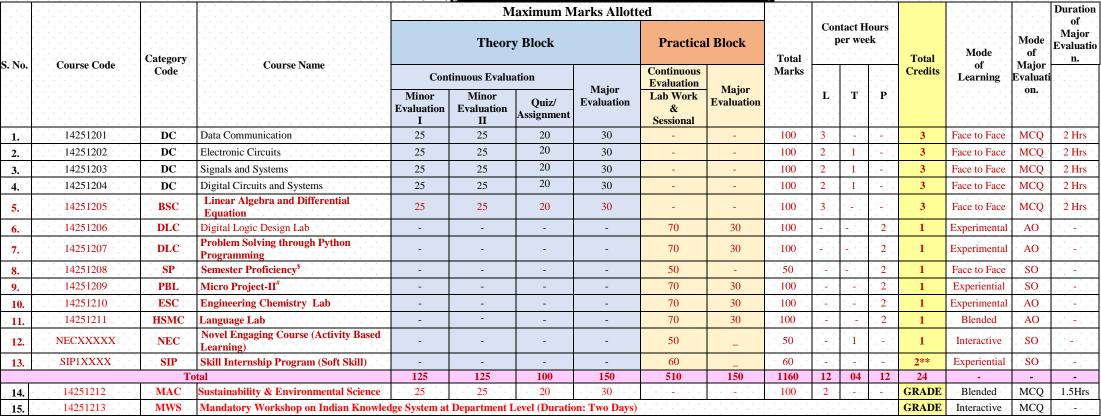
(Deemed University)





Department of Electronics Engineering Scheme of Evaluation





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

.** 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	1.	4	0	0	0 2	1. 1.	1		0	0	1	1.1	1
				Mode of Le	arning						Mode	of Examination	n · · · · ·		
· [F	Theory NEC		NEC			Lab			Theory		NEC	· · · · · · I	ab	To	tal Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	so	AO	so	10	tai Credits
	15	0	1	1	1	3	3	6	9	0	1		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 %



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 + Oral MCO: Multiple Choice Ouestion

^{*}Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.



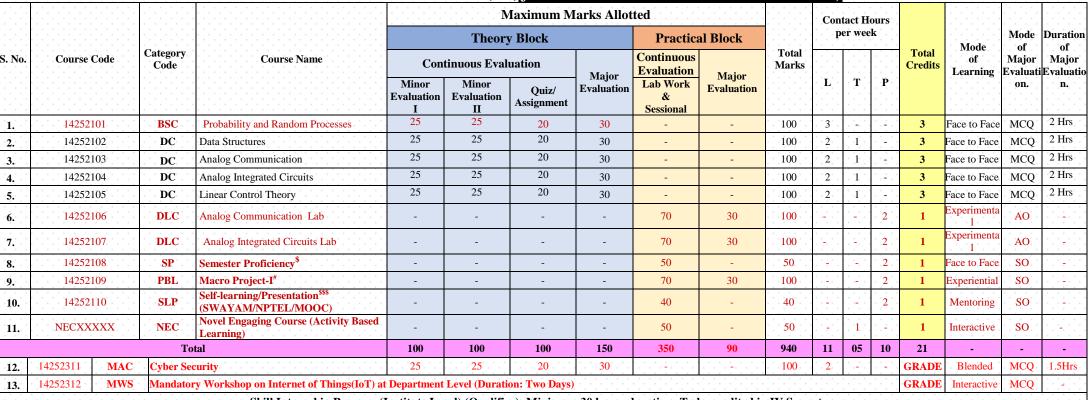
(Deemed University)





Department of Electronics Engineering Scheme of Evaluation

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



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

٠	HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS	
	0	- 1 - 1	0	4	0	0	0	2	1	1.	0	0	0	1	1	1	
				M 1 61							M 1 CE						_

				Mode of Le	arning					Mode of Ex	xamination			
- [The	ory	NEC			Lab			Theory		NEC	· . · . · . · . I	ab	Total Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	so	AO	so	Total Credits
- [15	. 0	1		0	1	2,	6	9	0	1	2	4	42
٠.	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 %



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 + Oral

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

SSS Compulsory registration for one online course using SWAYAM/NPTEL/MOOC, evaluation through attendance and presentation.



(Deemed University)

(Declared Under Distinct Category by Ministry of Education, Government of India)



Department of Electronics Engineering Scheme of Evaluation

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



						aximum M		ted				tact H	ours				
					Theory	Block		Practical	Block		. · . · p	er wee	ek		Mode	Mode	Duration of
S. No.	Course Code	Category Code	Course Name	Cont	inuous Evalu	ation	Major	Continuous Evaluation	- Major	Total Marks				Total Credits	of Learning		Major Evaluatio
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluation		L	T .	P			ation.	n.
1.	14252201	DC	Linear Control Theory	25	25	20	30	-	-	100	- 2	1-1		3	Face to Face		2 Hrs
2.	14252202	DC .	Microprocessor and Interfacing	25	25	20	30	-	-	- 100 - 1	2	1 .	1	3	Face to Face		2 Hrs
3.	14252203	DC DC	Digital Communication	25	25	20	30	-	-	100	. 2 .	1. 1.		3	Face to Face		2 Hrs
4.	14252204	DC DC	Electromagnetic Fields	25	25	20	30	-	-	. 100 . 1	. 2.	. 1	. '- '	3	Face to Face		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 ^{\$}	-	-	-	-	50	-	50	. · . · .		2	1	Face to Face	SO	<u>.</u>
10.	14252210	PBL	Macro Project-II#	-	-	-	-	70	30	100	- 1 - 1		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	- 1- 1-	1 - 3 - 1		2**	Experiential	SO	
		To	tal	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 Visio	on at Departr	nent Level (Du	ration: Two D	ays)						- : - : -	GRADE	Interactive	MCQ	<u>.</u>
15.	14252213	MWS	Mandatory Workshop on Life Skills at Do	epartment Le	vel (Duration:	Two Days)						- [- [-		GRADE	Interactive	MCQ	-
			Summer Semester of six	-eight week	duration wil	l be conducte	ed for make	up of previous	semester ex	kaminatio	n.						

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree 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 + Oral OB: Open Book MCQ: Multiple Choice Question

** These credits will be transferred from Skill Internship Program.

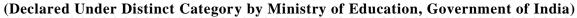
PC	3 30 11 1 11 1	TOG			CDC	0.0	DT C	NIEG	CD	CITE	CLD	DD C	DDY	MAG	N. CETTO
PC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
. 1	0	0	5	0	0	0	3	1	1	1	0	0	1	1	2

_														
-				Mode of Le	earning					Mode of E	xamination			
	The	ory	NEC			Lab			Theory		NEC		ab	Total Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	OB	so	AO	so	Total Credits
1	15	0	1	1	0	3	3	6	9	0	1	3	5	42
1	62.5%	0%	4.16%	4.16%	0%	4.16%	9.5%	25%	37.5 %	0%	4.16%	12.5%	20.83%	Credits %

Macro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.



(Deemed University)





Department of Electronics Engineering Scheme of Evaluation

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

						M	aximum N	Marks Allot	ted				Con	tact H	ours				
				-	Theory	Block		Practical	Block	MO	OCs		p	er wee	k .			Mode	Durati on of
S. No.	Course Code	Category Code	Course Name	Conti	nuous Eval	uation	Major	Continuous Evaluation	- Major			Total Marks				Total Credits	Mode of Learning	of Major Evaluatio	N/
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluation	Assignment	Exam		L	T .	. P			n.	ation.
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		1	2	1	Experimental	AO	
8.	14253107	SP	Semester Proficiency ^{\$}	-	-	-	-	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		-3	4	2	Experiential	SO	
		1	Total 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 Blocke	hain at Depa	rtment Leve	l (Duration:	Two Days)									GRADE	Interactive	MCQ	
		- : - : - : - : - :	Additional Course for Ho	nours or Mi	inor Degree	: Permitted	l to opt for	maximum tw	o additiona	l courses fo	r the awar	d of Ho	nours	or M	inor l	Degree			

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

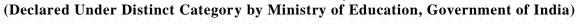
 SMC	BSC	ESC	DC I	DE	SPC	OC .	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0.	0	0	3	1	1	0	2	0	11	0	0	0	1	1	1

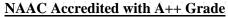
				Mode of Le	earning					Mode of E	xamination			
-	The	ory	NEC			Lab			Theory		NEC	L	ab	Total Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	so	AO	so	Total Credits
. 1	. 12	3	0	1	0	2	2	6	. 9	0	0	2	3	40
· [60%	15%	0%	5%	0%	10%	10%	30%	45 %	0%	4.16%	10%	15%	Credits %





(Deemed University)





Department of Electronics Engineering



Scheme of Evaluation

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

				. D. 10			· · · · · · ·	Marks Allot						atact I	Iours				
					Theory	Block		Practical	Block	MO	OCs	- : - : - : -		er we				Mode	Duration
S. No.	Course Code	Categ ory	Course Name	Contin	uous Eval			Continuous Evaluation				Total Marks				Total Credits	Mode of	of Major	of Major
110.		Code		Minor Evaluation I	Minor Evaluatio n II	Quiz/ Assignment		Lab Work & Sessional	Major Evaluation	Assignment	Exam	Warks	L	T	P	Creuis	Learning	Evaluat ion.	Evaluatio n.
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		1	2	1	Experimental	AO	
7.	14253205	DLC	Artificial Intelligence & Machine Learning Lab	-	1	-	-	70	30		: : : : : : : :	100		1	2	1	Experimental	AO	
8.	14253206	SP	Semester Proficiency ^{\$}	-	-	-	-	50	-	: . : . : . : . : .	: : : : - : : : :	50	-	1	2	1	Face to Face	SO	: - : - : - : - :
9.	14253207	PC	Professional Certification	-	-	-	-	50	-			50	1		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	· . · . · . · · ·
		Tota	al	100	100	80	120	260	90	25	75	1000	12	03	16	23	-	-	-
12.	14253210 MA	C Dis	saster Management	25	25	20	30	.	· · · · · · · · · ·	: . : . - . : . : .	· · · · · · · · · · ·	100	2			GRADE	Blended	MCQ	1.5 Hrs
13.	14253211 MV	VS Ma	ndatory Workshop on Intellectua	l Property R	ights at Dep	oartment Le	vel (Duration	n: 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

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 Bool

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

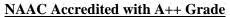
-[HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
٠,	0	0	0	2	1	1	1	2	0		0	0	0	1	1	1

				Mode of Le	earning					Mode of E	xamination			
	The	ory	NEC			Lab			Theory		NEC	L	ab	Total Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	SO	AO	so	Total Credits
-	12	3	0	1	0	2	2,	6	9	0	0	2	3	40
	60%	15%	0%	5%	0%	10%	10%	30%	45 %	0%	4.16%	10%	15%	Credits %

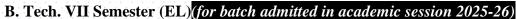


(Deemed University)





Department of Electronics Engineering Scheme of Evaluation



							Ma	ximum Ma	rks Allotted						tact H					
-						Theory	Block		Practical	Block	MOC)Cs		p	er wee	k			Mode	Duration
N	S. No.	Course Code	Category Code	Course Name	Cont	inuous Evalu	ation	Major	Continuous Evaluation	Major			Total Marks				Total Credits	Mode of Learning	01 Major Evaluat	of Major Evaluatio
					Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Evaluation	Lab Work & Sessional	Evaluation	Assignment	Exam		L	T	P		. Leur ming	ion.	n.
	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	- " - " -	: - <u>-</u> -:	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 MITS-DU MOOCs

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

				Mode of Le	arning					Mode of E	Examination			
١	The	ory	NEC			Lab			Theory		NEC	L	ab	Total Credits
	Face to Face	Online	Interactive	Face to Face	Blended	Experiential	Experimental	PP	MCQ	ОВ	so	AO	so	Total Credits
. 1	12	3	0	1	0	1	0	6	6	0	0	1	1	31
	85.17%	21.42%	0%	7.14%	0%	7.14%	0%	42.85%	42.85 %	0%	0%	7.14%	7.14%	Credits %

^{*} Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform.

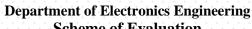
^{**} These credits will be transferred from Skill Enhancement Program/Research Internship/On Job Training

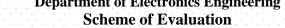


(Deemed University)









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

						Max	imum Ma	rks Allotte	ed				Con	ntact I	Iours				
					Theory	Block		Practica	l Block	MOO	Cs		ŗ	er we	ek		Mode	Mode	Duration of
S. No.	Course Code	Category Code	Course Name	Conti	nuous Eval	uation						Total Marks		- : - : -		Total Credits	of	Major	Major
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Continuous Evaluation	· ·	Assignment	Exam		L	Т	P		Learning	Evaluat ion.	t Evaluatio n.
1.	142542XX	DE	Departmental Elective* (DE-5)	-	-	-	-	-	-	25	75	100	3	- 1-1-		3	Online	MCQ	3 Hrs
2.	142542XX	OC	Open Category Course* (OC-3)	-	-	-	-	-	-	25	75	100	2	- 1- 1-		2	Online	MCQ	3 Hrs
3.	14254201	PBL	Industry Internship/Research Internship/ Innovation & Start-up	-	-	-	-	280	120		· · · · ·	400	: - : :	7	20	10	Experiential	SO	
4.	14254202	PDC	Professional Development##	-	-	-	-	-	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

^{##} 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			1	0	1	0	0		0	0	1	1		0

				Mode	e of Learning						Mode of E	xamination			
Theory NEC Lab										Theory		NEC	L	ab	Total Credits
	Face to Face	Online	Interactiv e	Face to Face	Blended	Experientia l	Experimenta l	Interact ive	PP	MCQ	ОВ	so	AO	so	Total Credits
	0	6		0	0	10	0	2	0	. 6	0	0	0	12	36
	0%	33.33%	0%	0%	0%	55.55%	0%	11.11%	0%	33.33 %	0%	0%	0%	7.14%	Credits %



^{*}Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform