



SEMESTER VII

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1.	PCC	21ET701T	Microwave Engineering	3	-	-	3	30	70	100
2.	PCC	21ET701P	Microwave Engineering Lab	-	-	2	1	25	25	50
3.	PCC	21ET702T	Digital Signal Processors and Architecture	3	-	-	3	30	70	100
4.	PCC	21ET702P	Digital Signal Processors and Architecture Lab	-	-	2	1	25	25	50
5.	PEC	21ET703T	Professional Elective – IV	3	-	-	3	30	70	100
6.	PEC	21ET704T	Professional Elective – V	3	-	-	3	30	70	100
7.	OE	21ET761O	Open Elective – III	3	-	-	3	30	70	100
8.	ELC	21ET705P	Project – II	-	-	8	4	75	75	150
9.	ELC	21ET706P	* Summer / Winter Internship	-	-	-	2	50	-	50
10	ELC	21ET707P	Capstone Course **	-	-	2	1	50	-	50
Total				15		14	24	375	475	850

* Summer / Winter Internship (Evaluation of Four weeks Internship Completion till 6th Semester)

Professional Elective – IV	
21ET703T(i)	PE-IV CMOS VLSI Design
21ET703T(ii)	PE-IV Digital Image Processing

Professional Elective – V	
21ET704T(i)	PE-V VLSI Signal Processing

Open Elective – III	
21ET761O	OE-III Design of Solar Photovoltaic Systems

		July 2024	1.0	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



SEMESTER VIII

Option A

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	ELC	21ET801P*	Project based on one semester internship in Industry/Research Institute/ National Laboratories/ Incubation Center	-	-	-	12	300	100	400
Total				0	0	0	12	300	100	400

*End semester examination will consist of evaluation of seminar & project report.

Option B

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	ELC	21ET802P#	Institutional Internship	-	-	12	6	100	100	200
2	ELC	21ET803P	Project – III	-	-	12	6	100	100	200
Total				0	0	0	12	300	100	400

Option B is available to students only after recommendation of the concerned Head of the department.

The project and internship should contribute towards career development plan of the students.

* Minimum 90 days internship in any industry and project is to be carried out during internship.

Two NPTEL courses (as per choice of student) or Institutional Internship by IEDC, SVP CET.

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