

GENERAL SLOT PATTERN FOR M.TECH. (EE) - SEMESTER - I

Day	8:30 – 9:25	9:30 – 10:25	10:30 – 11:25	11:30 – 12:25	Lunch break	14:00 – 14:55	15:00 – 15:55	16:00 – 16:55	17:00 – 17:55
Monday	1A	2A	3A	4A				8A	9A
Tuesday	5A	8B	10:30-13:25			6A	11A	12A	13A
			L2						
Wednesday	4B	1B	10:30-13:25			11B	13B	10B	12B
			L1						
Thursday	8C		9C	5B		12C	6B	13C	11C
Friday	3C	4C	1C			10C	5C	6C	
	8:30-10:25								
	L3								

SLOT 1	1A, 1B, 1C	55 Min	SLOT 9	9A, 9B, 9C	55 Min
SLOT 2	2A, 2B, 2C	55 Min	SLOT 10	10A, 10B, 10C	55 Min
SLOT 3	3A, 3B, 3C	55 Min	SLOT 11	11A, 11B, 11C	55 Min
SLOT 4	4A, 4B, 4C	55 Min	SLOT 12	12A, 12B, 12C	55 Min
SLOT 5	5A, 5B, 5C	55 Min	SLOT 13	13A, 13B, 13C	55 Min
SLOT 6	6A, 6B, 6C	55 Min	SLOT L	L1,L2	2:55 Min
SLOT 7	7A, 7B, 7C	55 Min			
SLOT 8	8A, 8B, 8C	55 Min			

TIMETABLE FOR AUTUMN SEMESTER 2023-2024
M.TECH. (EE) - SEMESTER - I

List of core/elective courses for Autumn 2023-24 from EE							
S.No	Course code	Course name	L-T-P-C	Lecture		Instructor	Pre-requisite(s)
				Slot	Venue		
1	EE 622	Multivariable control systems	3-0-0-6	1	203	Prof. Gopal Kamath	Exposure to control systems
2	EE 601	Analog IC Design	3-0-0-6	5	115	Prof. Nagaveni	Electronic Devices, Analog Electronics
3	EE 631	Advanced Electric drives	2-0-2-6	5	117	Prof. Abhijit K	Exposure to basic Power Electronics, Electric Machines, and foundational courses in EE; Instructor consent is required
4	EE 621	Speech Processing	3-0-0-6	6	117	Prof. SRMP	Exposure to probability concepts
5	EE 634	Linear Algebra and its Applications	3-0-0-6	8	203	Prof. Rajshkekhar Bhat	Exposure to Basic calculus.
6	EE 690	Embedded systems Design	3-0-0-6	9A, 4B, 9C	203	Prof. Abhijit K	Previous exposure to computing systems; programming basics necessary
7	HS 501	Communication skills	PP/NP	10	117	Prof. Sarbani Banerjee	--
8	EE 420	Digital Communication and Coding Theory	2-0-2-6	11	119	Prof. Rajshkehar Bhat	Signals and Systems, Introduction to Communication Systems, Introduction to Probability
9	EE 691	Design of photovoltaic systems	2-0-2-6	11	21	Prof. Satish	EE222: Introduction to Power Electronics or equivalent as determined by

							the instructor or faculty advisor.
10	EE 607	Power system dynamics and control	2-1-0-6	11	115	Prof. Pratyasa B	Power System, Electrical Machines
11	EE 689	Semiconductor Radiation Detectors	3-0-0-6	11	22	Prof. Vigneshwara Raja	Not-applicable
12	EE 610	VLSI Design	3-0-0-6	12	115	Prof. Naveen K	Exposure to basic concepts in calculus and probability
13	EE 629	Probability Models and Applications (PMA)	3-0-0-6	13	Aud	Prof. Naveen M. B.	Data analysis and Introduction to probability (6 credits course that all batches are currently doing as core)
14	EE 688	Physics of Transistor	3-0-0-6	13	117	Prof. Ruma Ghosh	Not-applicable
15	EE 615	Embedded systems Lab	0-0-3-3	L1		Prof. Abhijit K Prof. Naveen K	
16	EE 616	VLSI Simulation Lab	0-0-3-3	L2		Prof. Vigneshwara Raja Prof. Nagaveni	
17	EE 613	Speech Processing Laboratory	0-0-3-3	L3	-	Prof. SRMP	Currently taking or already taken Speech Processing theory course