

GENERAL SLOT PATTERN FOR VII SEMESTER B. TECH (ELECTRICAL ENGINEERING)

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		7A	8A	9A	10A
	14:00-16:55						L4		
Tuesday	5A	8B	7B	9B		6A	11A	12A	13A
Wednesday	4B	1B	2B	3B		11B	13B	10B	12B
Thursday	8C	7C	9C	5B	12C	6B	13C	11C	
Friday	3C	4C	1C	2C	10C	5C	6C		
	8:30-10:25								
	L3								

SLOT 1	1A, 1B, 1C	55 Min	SLOT 8	8A, 8B, 8C	55 Min
SLOT 2	2A, 2B, 2C	55 Min	SLOT 9	9A, 9B, 9C	55 Min
SLOT 3	3A, 3B, 3C	55 Min	SLOT 10	10A, 10B, 10C	55 Min
SLOT 4	4A, 4B, 4C	55 Min	SLOT 11	11A, 11B, 11C	55 Min
SLOT 5	5A, 5B, 5C	55 Min	SLOT 12	12A, 12B, 12C	55 Min
SLOT 6	6A, 6B, 6C	55 Min	SLOT 13	13A, 13B, 13C	55 Min
SLOT 7	7A, 7B, 7C	55 Min	SLOT L	L1,L2,L3,L4,L5,L6	2:55 Min

TIMETABLE FOR AUTUMN SEMESTER 2022-2023
VII SEMESTER B.TECH. (ELECTRICAL ENGINEERING)

List Of Electives for Autumn 2023-24

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 Krishna Kamath M	Exposure to control systems
2	PH 425	Hydrogen Technology	3-0-0-6	2	115	Prof. N Rajalakshmi	
3	CS 607	Advanced Computer Networks	3-0-0-6	1C, 5A, 5B	21	Prof. Sibanarayan S	Computer Networks, Computer Networks Lab, CS 101 Introduction to Programming
4	CS 810	Advanced Computer Architecture	3-0-3-9	2	22	Prof. Rajshekar	Computer Architecture
5	ME 903	Engineering Mathematics for Advanced Studies	3-0-0-6	4B, 4C, 7A	214	Prof. Sudheer Siddapureddy	
6	CS 609	Software Defined Networking and Network Function Virtualization	3-0-0-6	5	215	Prof. Tamal Das	Exposure to Computer Networks
7	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
8	ME 605	Additive and Forming Manufacturing Processes	3-0-0-6	5	214	Prof. Rakesh Lingam Prof. Somashekara M A	
9	EE 601	Analog IC Design	3-0-0-6	5	115	Prof. Nagaveni	Electronic Devices, Analog Electronics

10	EE 621	Speech Processing	3-0-0-6	6	117	Prof. SRMP	Exposure to probability concepts
11	CS 601	Software Development for Scientific Computing	3-0-0-6	6	23	Prof. Nikhil Hegde	Exposure to Data Structures and Algorithms, C / C++ / Java / Matlab
12	CS 621	Logic and applications	3-0-0-6	7	115	Prof. Ramchandra Phawade	Discrete Mathematics, Theory of computation
13	HS 433	Indian Knowledge System-1 (Basket 2)	3-0-0-6	8	Audi	Prof. B L Tembe	
14	EE 634	Linear Algebra and its Applications	3-0-0-6	8	203	Prof. Rajshkekhar Bhat	Exposure to Basic calculus.
15	HS 409	Philosophy (Basket 1)	3-0-0-6	8	23	Prof. Jolly Thomas	None
16	HS 425	Sociology (Basket 1)	3-0-0-6	8	22	Prof. Sarbani Banerjee Belur	--
17	EE 690	Embedded systems Design	3-0-0-6	9A, 4B, 9C	203	Prof. Abhijit K	Previous exposure to computing systems; programming basics necessary
18	ME 607	Advanced Solid Mechanics	3-0-0-6	10	214	Prof. Tejas Prakash Gotkhindi	
19	PH 402	Astrophysics	3-0-0-6	10	Aud	Prof. D. Narasimha	Successfully finishing first 3 semesters
20	HS 501	Communication skills	PP/NP	10	117	Prof. Sarbani Banerjee Belur	--
21	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
22	EE 607	Power system dynamics and control	2-0-1-6	11	115	Prof. Pratyasa B	Power System, Electrical Machines
23	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.

24	ME 446	Industrial Hydraulics and Pneumatics	3-0-0-6	11	117	Prof. Dhiraj V P	
25	ME 608	Advanced Mechanisms and Dynamics of Mechanical Systems	3-0-0-6	11	214	Prof. Sangamesh Deepak R	
26	EE 689	Semiconductor Radiation Detectors	3-0-0-6	11	22	Prof. Vigneshwara Raja	Not-applicable
27	EE 610	VLSI Design	3-0-0-6	12	115	Prof. Naveen K	Electronics Devices and Digital Circuits
28	ME 609	Advanced Fluid Mechanics and Heat Transfer	3-0-0-6	12	214	Prof. Dhiraj V Patil	
29	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)
30	EE 688	Physics of Transistor	3-0-0-6	13	117	Prof. Ruma Ghosh	Not-applicable
31	ME 421	Turbomachines	3-0-0-6	13	115	Prof. Keerthi M C	Fluid Mechanics; Thermodynamics
32	ME 643	Finite Element Analysis	3-0-0-6	13	214	Prof. Amar G	Mechanics of Materials
33	EE 613	Speech Processing Laboratory	0-0-3-3	L3		Prof. SRMP	Currently taking or already taken Speech Processing theory course
34	ME 412	Energy and Environment Lab	0-0-3-3	L4		Prof. Dhiraj V P	-