

GENERAL SLOT PATTERN FOR VII SEMESTER B. TECH (CSE)

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			
	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 2023-2024
VII SEMESTER B.TECH. (COMPUTER SCIENCE AND 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	-