

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

Day/Time	8:30 – 9:25	9:30 – 10:25	10:30 – 11:25	11:30 – 12:25		14:00 – 14:55	15:00 – 15:55	16:00 – 16:55	17:00- 17:55	18:00- 18:55	19:00 – 19:55	
Monday	1A	2A	3A	4A	Lunch break	7A	10A	11A	8A	9A	12A	
		9:30-12:25										
		L2(ATD/KDOM)										
Tuesday	3B	1B	5A	6A	Lunch break	13A	15A	16A	7B	14A	9B	
			14:00-15:55									
			L9									
			10:30-13:25			14:00-16:55						
			L3(HT/Mfg)			L1						
Wednesday	5B	6B	4B	3C		13B	10B	15B	11B	14B	8B	
	8:30-11:25											
	L4(KDOM/HT)											
Thursday	2B	5C	1C	6C		9C	12B	16B	15C	14C	7C	
		L5 (Mfg) 9:30-12:25										
		L5(ATD) 10:30-13:25										
Friday	4C	2C				11C	16C	10C	8C	12C	13C	
Saturday		10:00-12:55					14:30-17:25					
		L6					L7					

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 14	14A, 14B, 14C	55 Min
SLOT 7	7A, 7B, 7C	55 Min	SLOT 15	15A, 15B, 15C	55 Min
SLOT 8	8A, 8B, 8C	55 Min	SLOT 16	16A, 16B, 16C	55 Min
			SLOT L	L1,L2,L3,L4,L5,L6	2:55 Hours

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

S.No	Course code	Course name	Department	Lecture		Instructor	Pre-requisite(s)
				Slot	Venue		
1	CS 601	Software Development for Scientific Computing	CSE	1	Room No.117	Prof. Nikhil Hegde	Exposure to Data Structures and Algorithms, C / C++ / Java / Matlab
2	PH 201	Electrodynamics	PHY	1	Room No 21	Prof. Kavita Devi	PH102
3	ME 509	Advanced Fluid Mechanics and Heat Transfer		1A 1B 3C	Room No.215	Prof.Dhiraj Patil	Fluid Mechanics, Heat Transfer
4	CS 402	Distributed Systems	CSE	6	Room No.117	Prof. Kedar Khandeparkar	Operating Systems, Data Structures and Algorithms, Programming in C++
5	EE 327	Digital Communication and Coding Theory	EE	6A, 2B, L8 (1 st Half)	Room No.211	Prof. Naveen M.B	Signals and Systems, Introduction to Communication Systems, Introduction to Probability Note:Those who are taken Wireless Communication course they can not take this course.
				6A, 6B, L8 (2 nd Half)	Room No.211	Prof. Naveen M.B	Signals and Systems, Introduction to Communication Systems, Introduction to Probability Note:Those who are taken Wireless Communication course they can not take this course.
6	HS 301	Philosophy (Basket 1)	HSS	7	Room No.117	Prof. Jolly Thomos	Nil
7	HS 304	Intellectual Property Management (Basket 2)	HSS	7	Online (Room No.203)	Prof. Hirwani	Nil
8	HS 403	Happiness and Well-being (Basket 2)	HSS	7	Room No.23	Prof. BL Tembe	Nil
9	ME 421	Turbomachines	ME	8	Room No.117	Prof. Sudheer & Prof. Dhiraj	Nil
10	CH 405	Our Health and Medicine	CHY	9	Room No.23	Prof. Nilkamal Mahanta	Nil

11	EE 409	Speech Processing	EE	9	Online (Room No.22)	Prof. Prasanna,, Prof. Samudhravijaya	Exposure to probability concepts.
12	CS 301	Computer Architecture	CSE	10	Room No.23	Prof. Rajshekar	
13	ME 501	Additive and Forming Manufacturing Processes	ME	15	Room No.215	Prof.Somashekara, Prof.Rakesh	
14	MA 501	Measure Theory	MA	10	Room No.21	Prof. Dhriti Ranjan Dolai	Real Analysis
15	EE 433	Next Generation Wireless Systems / Wireless Networks	EE	10	Room No.115	Prof. Rahul.J	
16	CS423	Advanced Topics in Embedded Systems	CSE	11	Room No.22	Prof. Gayathri A	CS 301 (Computer Architecture). Exposure to Operating Systems is preferred
17	CS 201	Data Structures and Algorithms	CSE	11 (Min or)	Auditorium	Prof.Koteswararao Kondepu	
18	CS 603	Approximation Algorithms		12	Room No.117	Prof. Sandeep RB	CS 201 & exposure to CS 205
19	PH 402	Astrophysics for Engineers	PHY	12	Room No.23	Prof. D. Narasimha	Successfully finishing first 3 semesters
20	ME 507	Advanced Mechanisms and Dynamics of Mechanical Systems	ME	8A, 10B, 12C	Room No.215	Prof.Sangamesh	
21	ME 505	Advanced Solid Mechanics	ME	16A, 11B, 11C	Room No.215	Prof.Tejas	Mechanics of materials
22	MA 405	Functional Analysis	MA	13	Room No.115	Prof. Dhriti Ranjan Dolai	Measure Theory
23	MA 403	Introduction to Number Theory	MA	13	Online (Room No.22)	Prof. NSN Sastry	Nil
24	PH 404	Introduction to Quantum Information and Quantum Computation	PHY	13	Room No.117	Prof. R. Prabhu	PH101 – Quantum Physics and Application MA102 - Linear Algebra
25	HS 321	Energy Economics and Policy (Basket 2)	HSS		Room No.22	Prof. Gopal Sharan Parashari	Nil
26	EE 401	Pattern Recognition and Machine Learning	EE	14(M inor)	Room No.23	Prof. SRM Prasanna	Exposure to basic concepts in calculus and probability

27	EE 323	Analog Circuits	EE	15B, 15C, L9	Room No.22	Prof. Naveen K	
28	CS 433	Cloud Software Development [First Half semester]	CSE	15	Online (Room No.117)	Prof. Girish Dhahakshirur	Desirable: Exposure on Operating System, Database, Cloud Programming language (Java, .Net, NodeJS, HTML/CSS, etc.)
29	HS 405	Innovation and Social Entrepreneurship (Basket 2)	HSS	15	Online (Room No.203)	Prof. R. R. Hirwani	Nil
30	CS 305	Software Engineering	CSE	16	Online (Room No.23)	Dr Raghu Hudli	Data structures and algorithms, Programming in C,C++ and Java.
31	CH 305	Introduction to sophisticated Characterization techniques	CHY	16	Room No.22	Prof. Rajeswara Rao M, Prof. Tejas Ghotkhindi Prof. Ruma Ghosh	
32	CH 403	Quantum field theory	CHY	16	Room No.115	Prof. B.L. Tembe	Exposure to Physics, Chemistry and Mathematics
33	EE 403	Power system dynamics and control	EE	16	Room No.117	Prof. Pratyasa	Power System, Electrical Machines
34	CS 211	Data Structures and Algorithms lab	CSE	L1 (Min or)	-----	Prof.Koteswararao Kondepu	-----
35	ME 313	Kinematics and Dynamics of Machinery Laboratory	ME	L2/ L4	-----	Prof. Sangamesh Prof. Tejas Prakash G	
36	ME 411	Manufacturing Processes Lab	ME	L3/ L5	-----	Prof. Satya priya Gupta Prof. Somashekara	
37	ME 314	Heat Transfer Laboratory	ME	L3/ L4	-----	Prof. Sudheer, Prof. Dhiraj	
38	ME 413	Applied Thermodynamics Laboratory	ME	L2 /L5	-----	Prof. Hiranya Prof. Surya Prakash	
39	ME 412	Energy and Environment Lab	ME	L1 (Min or)	-----	Prof.Dhiraj, Prof. Sudheer	
40	EE 413	Pattern Recognition and Machine Learning Laboratory	EE	L6 (Min or)	-----	Prof. SRM Prasanna	
41	EE 414	Speech Processing Lab	EE	L7	-----	Prof. Samudhravijaya	

