

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

Day	8.30 – 9.25	9.30 – 10.25	10.35 – 11.30	11.35 – 12.30		2.30 – 3.55	4.00 – 5.25	5.30 – 6.55	7.00 – 8.25	
Monday	1A	2A	3A	4A	Lunch break between 12.30 to 2.00	8A	9A	12A	13A	
Tuesday	4B	1B	2B	3B		10A	11A	14A	15A	
Wednesday	7A	5A (9.30 – 10.55) -----L		6A (11.05 – 12.30) 5-----		X1	X2	X3	XC	XD
Thursday	3C	4C	1C	2C		8B	9B	12B	13B	
Friday	7B	6B (9.30 – 10.55) -----L		5B (11.05 – 12.30) 6-----		10B	11B	14B	15B	

SLOT 1	1A, 1B, 1C	One hour	SLOT 9	9A, 9B	One and half hour	Slot L1	3 hour slot
SLOT 2	2A, 2B, 2C	One hour	SLOT 10	10A, 10B	One and half hour	Slot L2	3 hour slot
SLOT 3	3A, 3B, 3C	One hour	SLOT 11	11A, 11B	One and half hour	Slot L3	3 hour slot
SLOT 4	4A, 4B, 4C	One hour	SLOT 12	12A, 12B	One and half hour	Slot L4	3 hour slot
SLOT 5	5A, 5B	One and half hour	SLOT 13	13A, 13B	One and half hour	Slot L5	3 hour slot
SLOT 6	6A, 6B	One and half hour	SLOT 14	14A, 14B	One and half hour	Slot L6	3 hour slot
SLOT 7	7A, 7B	Slot for quizzes	SLOT 15	15A, 15B	One and half hour	Slot LX	3 hour slot
SLOT 8	8A, 8B	One and half hour					

TIMETABLE FOR SPRING SEMESTER 2019-2020
VIII SEMESTER B.TECH (MECHANICAL ENGINEERING)

Course No.	Course Name	Department	Lecture		Instructor
			Slot	Venue	
ME 411	Applied Thermodynamics Lab	ME	L1-B1;L3-B2	Lab	Prof. R Santhosh and Prof. Sudheer Prof. Keerthi and Prof. Surya Prakash
ME 406	Advanced FEM	ME	1A,1B,1C	215	Prof. Amar Gaonkar
ME 407	IC Engines	ME	3A,3B,3C	215	Prof. Surya Prakash
ME 408	Geometric Modeling and Computer Graphics	ME	4A,4B,4C	215	Prof. Samarth Raut
ME 409	Composite Materials	ME	5A,5B	215	Prof. A N Tiwari
ME 421	Turbomachines	ME	6A,6B	215	Prof. Dhiraj and Prof. Sudheer
ME 423	Introduction to High Performance Computing	ME	12A, XC	115	Prof. Dhiraj Patil Prof. Nikhil Hegde Prof. Virendra Bhavsar (UNB)
EE 304	Robotics	ME	7A,7B,X1	215	Prof. Sangamesh
PH 403	Classical Mechanics	PHY	11A,11B		Prof. Narasimha
HS 302	Modernism and Its Heroes	HSS	10 A, 10B	117	Prof. Ridhima
HS 404	Applied Ethics	HSS	12A,12B	117	Prof. Jolly Thomas
ME 306	Theory of Elasticity	ME	13A,13B	215	Prof. Tejas
CH 302	Sustainable energy and energy materials	CHEM,EE,ME	14A,14B	214	Prof. Rajeshwara Rao, Prof. Pratyasa, Prof. Sudheer
CS 408	Statistical Pattern Recognition	CS	15A,15B	119	Prof. Prabuchandran
EE 409	Speech Processing	EE	Sat: 2 30 to 4 00	214	Prof. Prasanna and Dr. Ajay (Amazon)

Sun: 9 30
to 11

ELECTIVES COMMON TO ALL BRANCHES

SI No.	Course No.	Course Name	Instructor	Exposure to
1	EE 408	Artificial Neural Networks and Deep Learning	Prof. Prasanna	Data Analysis
2	EE 409	Speech Processing	Prof. Prasanna and Dr. Ajay	Introduction to probability
3	PH 403	Classical Mechanics	Prof. Narasimha	
4	HS 302	Modernism and Its Heroes	Prof. Ridhima	
5	HS 404	Applied Ethics	Prof. Jolly Thomas	
6	PH 404	Introduction to Quantum Information and Computation	Prof. R. Prabhu	
7	CH 302	Sustainable energy and energy materials	Prof. Rajeswara, Prof. Pratyasa, Prof. Sudheer	
8	CS 408	Statistical Pattern Recognition	Prof. Prabuchandran	
9	EE 304	Robotics	Prof. Sangamesh	
10	MA 302	Algebraic Codes and Combinatorics	Prof. Sastry	

ELECTIVES WHICH GENERALLY REQUIRE DEPARTMENTAL BACKGROUND EXPOSURE

SI No.	Course No.	Course Name	Instructor	Exposure to
1	ME 406	Advanced Finite Element Method	Prof. Amar Gaonkar	Finite Element Method
2	ME 407	IC Engines	Prof. Surya Prakash	Applied Thermodynamics
3	ME 408	Geometric Modeling and Computer Graphics	Prof. Samarth Raut	Knowledge of basic mathematics concepts, Exposure to hands-on Programming in C++

4	ME 409	Composite Materials	Prof. A N Tiwari	Engineering Materials
5	ME 421	Turbomachines	Prof. Dhiraj and Prof. Sudheer	Fluid Mechanics, Thermodynamics
6	EE 304	Robotics	Prof. Sangamesh	Control systems or Engineering Mechanics
7	ME 306	Theory of Elasticity	Prof. Tejas	Mechanics of Materials

Eighth semester students are supposed to take either 2 electives and one B. Tech project or 3 electives without B.Tech project.

NOTE TO STUDENTS FOR THE CHOICE OF ELECTIVES

- 1. There are no minimum number of electives to be taken from the department**
- 2. Minimum of two electives are to be taken from outside the department with atleast one elective from the HSS department. It would be better for the students, if they take one elective from outside the department in eighth semester and another one in the eighth semester**