

B. Tech. Curriculum

Mechanical Engineering

Subject Name	Subject Code	Ownership of the Course (Dept./School)	L-T-P	Credit	Contact Hour
SEMESTER – I					
Calculus and Ordinary Differential Equations	MA1L003	Mathematics	3-1-0	4	4
Environmental Science, Technology and Management	ID2L003	Earth, Ocean and Climate Science	2-0-0	2	2
English for Learning and Communication	HS1L011	Humanities, Social Science and Management	2-0-2	3	4
Programming in C	CS1L002	Computer Science Engineering	2-0-2	3	4
Physics/Chemistry (Students can choose one subject)	PH1L001	Physics/ Chemistry	3-0-0	3	3
Physics/Chemistry Laboratory (Theory corresponding one lab)	PH1P001	Physics/ Chemistry	0-0-3	2	3
Engineering Drawing and Graphics	CE1P001	Infrastructure	1-0-3	3	4
Extra Academic Activity-1	ID1T001		0-0-3	1	-
			Total	21	24
SEMESTER – II					
Linear Algebra and Complex Analysis	MA1L004	Mathematics	3-1-0	4	4
Introduction to Bio Science and Technology	ID2L002	Chemistry	2-0-0	2	2
Happiness and life skill	ID1L001	Humanities, Social Science and Management	1-0-0	1	1
Introduction to Bharatiya Knowledge Traditions	ID1L002	Humanities, Social Science and Management	2-0-0	2	2
Introduction to Manufacturing Process	ME1P001	Mechanical Sciences	0-0-3	2	3
Basic Electrical and Electronics Engineering	EE1L002	Electrical Engineering	3-1-0	4	4
Basic Electrical and Electronics Engineering Laboratory	EE1P002	Electrical Engineering	0-0-3	2	3
Engineering Mechanics	ME1L001	Mechanical Sciences	3-1-0	4	4
Extra Academic Activity-2	ID1T002		0-0-3	1	-
			Total	22	23