

Department of Mechanical Engineering
Subjectwise Comparision from R16 to R20

1-1 SEMESTER

Programme Name	Course Name	R19	R16
BTECH/MEC	Mathematics – I	✓	✓
BTECH/MEC	Mathematics – II	✓	X
BTECH/MEC	Engineering Physics	✓	X
BTECH/MEC	Programming for Problem Solving Using C	✓	✓
BTECH/MEC	Engineering Drawing	✓	X
BTECH/MEC	English Lab	✓	X
BTECH/MEC	Engineering Physics Lab	✓	X
BTECH/MEC	Programming for Problem Solving Using C Lab	✓	✓
BTECH/MEC	Constitution of India	✓	X
BTECH/MEC	English – I	X	✓
BTECH/MEC	Engineering Chemistry	X	✓
BTECH/MEC	Engineering Mechanics	X	✓
BTECH/MEC	Environmental Studies	X	✓
BTECH/MEC	Engineering/Applied Chemistry Laboratory	X	✓
BTECH/MEC	English - Communication Skills Lab - I	X	✓

1-2 SEMESTER

Programme Name	Course Name	R19	R16
BTECH/MEC	English	✓	✓
BTECH/MEC	Engineering Chemistry	✓	X
BTECH/MEC	Engineering Mechanics	✓	X
BTECH/MEC	Basic Electrical & Electronics Engineering	✓	✓
BTECH/MEC	Computer Aided Engineering Drawing	✓	X
BTECH/MEC	Communication Skills Lab	✓	X
BTECH/MEC	Engineering Chemistry Lab	✓	X
BTECH/MEC	Basic Electrical & Electronics Engineering Lab	✓	X
BTECH/MEC	Workshop Practice Lab	✓	X
BTECH/MEC	Engineering Exploration Project	✓	X
BTECH/MEC	Mathematics – II (Mathematical Methods)	X	✓
BTECH/MEC	Mathematics – III	X	✓
BTECH/MEC	Engineering Physics	X	✓
BTECH/MEC	Engineering Drawing	X	✓
BTECH/MEC	English - Communication Skills Lab - II	X	✓
BTECH/MEC	Engineering /Applied Physics Lab	X	✓
BTECH/MEC	Engineering /Applied Physics – Virtual Labs - Assignments	X	✓
BTECH/MEC	Engg.Workshop & IT Workshop	X	✓

2-1 SEMESTER

Programme Name	Course Name	R19	R16
BTECH/MEC	Vector Calculus & Fourier Transforms	✓	X
BTECH/MEC	Mechanics of Solids	✓	✓
BTECH/MEC	Material Science & Metallurgy	✓	✓
BTECH/MEC	Production Technology	✓	X
BTECH/MEC	Thermodynamics	✓	✓
BTECH/MEC	Machine Drawing	✓	X
BTECH/MEC	Metallurgy & Mechanics of Solids Lab	✓	✓
BTECH/MEC	Production Technology Lab	✓	X
BTECH/MEC	Environmental Science	✓	X
BTECH/MEC	Socially Relevant Project	✓	X
BTECH/MEC	Managerial Economics & Financial Analysis	X	✓
BTECH/MEC	Fluid Mechanics & Hydraulic Machines	X	✓
BTECH/MEC	Computer Aided Engineering Drawing Practice	X	✓
BTECH/MEC	Electrical & Electronics Engg. Lab	X	✓

2-2 SEMESTER

Programme Name	Course Name	R19	R16
BTECH/MEC	Complex Variables & Statistical Methods	✓	X
BTECH/MEC	Kinematics of Machinery	✓	✓
BTECH/MEC	Applied Thermodynamics	✓	X
BTECH/MEC	Fluid Mechanics & Hydraulic Machines	✓	X
BTECH/MEC	Metal Cutting & Machine Tools	✓	X
BTECH/MEC	Design of Machine Members-I	✓	✓
BTECH/MEC	Fluid Mechanics & Hydraulic Machines Lab	✓	X
BTECH/MEC	Machine Tools Lab	✓	X
BTECH/MEC	Essence of Indian Traditional Knowledge	✓	X
BTECH/MEC	Thermal Engineering -I	X	✓
BTECH/MEC	Production Technology	X	✓
BTECH/MEC	Machine Drawing	X	✓
BTECH/MEC	Industrial Engineering and Management	X	✓
BTECH/MEC	Production Technology Lab	X	✓