

R10 Batch		
E1S1		
Course Code	Name of the Course	Credits
MA1101	Mathematics I	4
PH1101, CY1101	Physics (Chemistry)	4
HS1101, ME1101	English for Communication (Mechanics)	3
EE1101, CS1101	Electrical Technology (Programming and Data Structures)	4
ME1102, CE1101	Introduction to Manufacturing process & WSP (Engineering Drawing and Graphics)	3
PH1701, CY1701	Physics Lab (Chemistry Lab)	2
EE1701, CS1701	Electrical Technology Lab (Programming and Data Structures Lab)	2
	Total Credits	22
E1S2		
Course Code	Name of the Course	Credits
MA1202	Mathematics II	4
PH1201, CY1201	Physics (Chemistry)	4
ME1201, HS1201	Engineering Mechanics (English)	3
CS1201, EE1201	Programming & Data Structures (Electrical Technology)	4
CE1201, ME1202	Engineering Drawing and Graphics (Introduction to Manufacturing process & WSP)	3
PH1801, CY1801	Physics Lab (Chemistry Lab)	2
CS1801, EE1801	Programming & Data Structures Lab (Electrical Technology Lab)	2
	Total Credits	22
E2S1		
Course Code	Name of the Course	Credits
MA2101	Mathematics III	4
ME2101	Kinematics of machinery	4
ME2102	Thermodynamics	4
ME2103	Mechanics of solids	4
CS2101	Design of Algorithms	4
ME2701	Strength of materials Lab	2
ME2702	Mechanism sessional	2

	Total Credits	24
E2S2		
Course Code	Name of the Course	Credits
MA2006	Mathematics IV	4
ME2201	Dynamics of Machinery	4
ME2202	Fluid Mechanics	4
EC2101	Basic Electronics	4
	Breadth - I	4
EC2701	Basic Electronics Lab	2
ME2801	Machine drawing practice	2
	Total Credits	24
E3S1		
Course Code	Name of the Course	Credits
ME3101	Manufacturing process I	4
ME3102	Manufacturing process II	4
ME3103	Heat Transfer	4
ME3104	Vibration & control	4
	Breadth Elective II	4
ME3701	Manufacturing process Lab	2
ME3702	Instrumentation, control & Measurements Lab	2
	Total Credits	24
E3S2		
Course Code	Name of the Course	Credits
ME3201	Machine tool, Automation & Metrology	4
ME3202	Applied Thermo Dynamics I	4
ME3203	Design of Machine Elements	4
ME3204	Solid Modelling & computer simulation	4
	Breadth-III (Industrial Management *)	4
ME3801	Robotic automation & Metrology Lab	2
ME3802	Applied Thermo Dynamics I Lab	2
	Total Credits	24
E3 Summer Sem		
Course Code	Name of the Course	Credits
ME3300	Summer internship	8
	Total Credits	8
E4S1		

Course Code	Name of the Course	Credits
ME4402	Composite Materials	4
HS3201	Environmental Science & Engineering	4
ME4464	Production Planning and Control	4
ME4700	Project-I	6
ME4101	Thermal Power Engineering	4
	Thermal Power Engineering Lab	2
	Total Credits	24
E4S2		
Course Code	Name of the Course	Credits
	Elective	4
	Elective	4
	Elective	4
ME4800	Project	6
ME4801	Comprehensive Viva Voice	2
	Total Credits	20

Grand Total Credits 192