

<b>R11 Batch</b>		
<b>E1S1</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
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
	<b>Total Credits</b>	<b>22</b>
<b>E1S2</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
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
	<b>Total Credits</b>	<b>22</b>
<b>E2S1</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
MA2101	Mathematics III	4
ME2101	Kinematics of Machinery	4
ME2102	Thermodynamics	4
ME2103	Mechanics of Solids	4
CS2101	Design of Algorithm	4
ME2702	Kinematics of Machinery Lab	2
ME2701	Mechanics of Solids Lab	2

	<b>Total Credits</b>	<b>24</b>
<b>E2S2</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
MA2006	Mathematics IV	4
ME2201	Dynamics of Machinery	4
ME2202	Fluid Mechanics	4
EC2101	Basic Electronics	4
	Breath Elective I	3
ME2801	Machine Drawing practice Lab	2
EC2701	Basic Electronics Lab	2
	<b>Total Credits</b>	<b>23</b>

<b>E3S1</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
ME3101	Manufacturing Processes	4
	Elementary Machine Design	4
ME3103	Heat Transfer	4
	Material Science & Metallurgy	4
ME3202	Applied Thermodynamics	4
	Heat Transfer Lab	2
ME3802	Applied Thermodynamics Lab	2
	<b>Total Credits</b>	<b>24</b>
<b>E3S2</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
ME3102,ME3701	Metal Cutting and Machine Tools	4
ME3205	Advanced Machine Design	4
ME4101	Thermal Power Engineering	4
ME2203	Hydraulics and Hydraulic Machinery	4
ME3201	Mechanical Measurements and Metrology	4
ME3701	Metal Cutting and Machine Tools Lab	2
ME2803	Hydraulics and Hydraulic Machinery Lab	2
ME3702	Mechanical Measurements and Metrology Lab	2
	<b>Total Credits</b>	<b>26</b>
<b>E3 Summer Sem</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
ME3300	Summer internship	8
	<b>Total Credits</b>	<b>8</b>
<b>E4S1</b>		

<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
ME3204	CAD and CAM	4
ME3104	Mechanical Vibrations	4
ME3106	Instrumentation and Control	4
	Free Elective	4
ME4700	Project	8
ME3804	CAD and CAM Lab	2
	<b>Total Credits</b>	<b>26</b>
<b>E4S2</b>		
<b>Course Code</b>	<b>Name of the Course</b>	<b>Credits</b>
	Elective	4
	Elective	4
	Free Elective	4
ME4800	Project	8
	Comprehensive viva	2
	<b>Total Credits</b>	<b>22</b>

**Grand Total Credits    197**