

## Bachelor of Engineering (Honors) - (Mechanical Engineering)

Year 1 (Common to all Engineering Discipline)					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
COM 502	Engineering Communication and Practices	15	EEB501	Introduction to Electrical and Electronics Engineering	15
MEB 502	Engineering Materials	15	CSC 510	C++ Programming for Engineers	15
CEB 503	Computer Aided Drafting and Modelling	15	MEB 503	Engineering Mechanics	15
MTH 517	Mathematics for Engineers I	15	MTH 518	Mathematics for Engineers II	15
<b>Total CP</b>		<b>60</b>	<b>Total CP</b>		<b>60</b>
Year 2					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
MTH 618	Mathematics for Engineers III	15	MEB 606	Engineering Management	15
MEB 602	Manufacturing Technology	15	MEB 605	Fluid Mechanics	15
MEB 604	Computer Aided Design and Analysis	15	MEB 607	Solid Mechanics	15
MEB 603	Dynamics	15	PEB 601	Design Project I	15
<b>Total CP</b>		<b>60</b>	<b>Total CP</b>		<b>60</b>
Year 3					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
MEB 702	Quantitative Techniques	15	MEB 705	Mechanical Behaviour of Materials	15
MEB 703	Thermodynamics	15	MEB 706	Mechanisms and Dynamics of Machinery	15
MEB 704	Mechatronics	15	MEB 707	Heat Transfer	15
PEB 702	Engineering and Society	15	PEB 701	Design Project II	15
<b>Total CP</b>		<b>60</b>	<b>Total CP</b>		<b>60</b>
Year 4					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
MEB 801	Advanced Industrial Computing	15		Elective	15
MEB 802	Advanced Operations Management	15	MEB 806	Internal Combustion Engines & Power Generation	15
MEB 803	Mechanical Design and Analysis	15	PEB 802	Capstone Design Project II	30
PEB 801	Capstone Design Project I	15			
<b>Total CP</b>		<b>60</b>	<b>Total CP</b>		<b>60</b>

**Electives:**

Unit code	Unit Title
MEB 804	Advanced Manufacturing Technology
MEB 805	Automation Systems