

### Bachelor of Mechanical Engineering (MEUG)

Prog	S.No.	Sem.	Course Code	Course Title	L	T	P	Credit	Total Credit	Cumm. Credit
MEUG	1	3	3ME103	Strength of Materials	3	1	0	4		
MEUG	2	3	3ME104	Manufacturing Process	3	1	0	4		
MEUG	3	3	3ME105	Manufacturing Process Lab.	0	0	3	1		
MEUG	4	3	3ME106	Strength of Materials Lab.	0	0	3	1		
MEUG	5	3	3ME107	Thermodynamics	3	1	0	4		
MEUG	6	3	3PH109	Material Science & Technology - II	3	0	0	3		
MEUG	7	3	3MA104	Tools for Applied Mathematics:	3	0	0	3		
MEUG	8	3		<b>Semester Total</b>	15	3	6	20	20	65
MEUG										
MEUG	1	4	4MA108	Numerical Methods for Engineers	3	0	0	3		
MEUG	2	4	4ME109	Applied Thermodynamics	3	1	0	4		
MEUG	3	4	4ME110	Applied Thermodynamics Lab	0	0	3	1		
MEUG	4	4	4ME111	Fluid Mechanics & Machinery	3	1	0	4		
MEUG	5	4	4ME112	Fluid Mechanics & Machinery Lab	0	0	3	1		
MEUG	6	4	4ME113	Kinematics of Machinery	3	1	0	4		
MEUG	7	4	4CH104	Green Technology (Environmental Science)	3	0	0	3		
MEUG	8	4	4GE105	EAA - I NSS				0		
MEUG	9	4		<b>Semester Total</b>	15	3	6	20	20	85
MEUG										
MEUG	1	5	5ME115	Dynamics of Machinery	3	1	0	4		
MEUG	2	5	5ME116	Dynamics of Machinery Lab	0	0	3	1		
MEUG	3	5	5ME117	Heat Transfer	3	1	0	4		
MEUG	4	5	5ME118	Heat Transfer Lab	0	0	3	1		
MEUG	5	5	5ME119	Machine Design-I	2	1	3	4		
MEUG	6	5	5ME120	Mechanical Engineering Lab	0	0	3	1		
MEUG	7	5	5ME1xx	Departmental Elective I	3	0	0	3		
MEUG	8	5	xx1xx	Engineering I (Elective)	3	0	0	3		
MEUG	9	5		<b>Semester Total</b>	14	3	12	21	21	106

MEUG											
MEUG	1	6	6ME121	Internal Combustion Engine	3	1	0	4			
MEUG	2	6	6ME122	Internal Combustion Engine Lab	0	0	3	1			
MEUG	3	6	6ME123	Machine Design-II	2	1	3	4			
MEUG	4	6	6ME125	Machine Tools & Machining	3	1	0	4			
MEUG	5	6	6ME126	Machine Tools & Machining Lab	0	0	3	1			
MEUG	6	6	6ME191	Minor project I	0	0	3	1			
MEUG	7	6	6ME1xx	Departmental Elective II	3	0	0	3			
MEUG	8	6	6Xx1xx	Engineering (Elective) - II	3	0	0	3			
MEUG	9	6	6GE103	Industrial Interaction & Soft Skill Development				0			
MEUG	10	6	6GE106	EAA - II NSS				0			
MEUG	11	6		<b>Semester Total</b>	14	3	12	21	21	127	
MEUG											
MEUG	1	7	7CH105	Bio science	3	0	0	3			
MEUG	2	7	7ME192	Industrial Training (4 to 6 weeks after 6th Sem)				1			
MEUG	3	7	7ME193	Minor project II	0	0	6	2			
MEUG	4	7	7ME194	General Seminar	0	0	6	2			
MEUG	5	7	7ME1xx	Departmental Elective -III	3	0	0	3			
MEUG	6	7	7ME1xx	Departmental Elective –IV	3	0	0	3			
MEUG	7	7	7xx1xx	Engineering III/HSS/Science/ Elective	3	0	0	3			
MEUG	8	7	7xx1xx	Engineering IV/HSS/Science/Elective	3	0	0	3			
MEUG	9	7		<b>Semester Total</b>	15	0	12	20	20	147	
MEUG											
MEUG	1	8	8ME195	Major Project				20			
MEUG	2	8	8ME196	Comprehensive Viva				2			
MEUG	3	8		<b>Semester Total</b>				22	22	169	
MEUG											
MEUG	EL-1	5	ME141	CAD/CAM	3	0	0	3			
MEUG	EL-1	5	ME142	Advanced Strength of Materials	3	0	0	3			
MEUG	EL-1	5	ME143	Production & Operations Management	3	0	0	3			
MEUG	EL-1	5	ME144	Statistical Quality Control	3	0	0	3			
MEUG	EL-2	6	ME145	Refrigeration & Air Conditioning	3	0	0	3			
MEUG	EL-2	6	ME146	Measurement & Instrumentation	3	0	0	3			

MEUG	EL-2	6	ME147	Automobile Engineering	3	0	0	3		
MEUG	EL-2	6	ME148	Mechanical Vibrations	3	0	0	3		
MEUG	EL-3	7	ME149	TPM & Value Engineering	3	0	0	3		
MEUG	EL-3	7	ME150	Non-Conventional Manufacturing	3	0	0	3		
MEUG	EL-3	7	ME151	Finite Element Methods	3	0	0	3		
MEUG	EL-4	7	ME152	Gas Turbine & Jet Propulsion	3	0	0	3		
MEUG	EL-4	7	ME153	Mechatronics & Robotics	3	0	0	3		
MEUG	EL-4	7	ME154	Tribology	3	0	0	3		
MEUG	OPEL	5	ME161	Renewable Energy Systems	3	0	0	3		
MEUG	OPEL	6	ME162	Operations Research	3	0	0	3		
MEUG	OPEL	6	ME163	Computational Fluid Dynamics	3	0	0	3		
MEUG	OPEL	7	ME164	Power Plant Engineering	3	0	0	3		
MEUG	OPEL	7	ME165	Supply Chain Management	3	0	0	3		
MEUG	OPEL	7	ME166	Safety Management	3	0	0	3		
MEUG	OPEL	7	ME167	Advanced Materials and Tools	3	0	0	3		