

			AND DESIGN					
B. Tech (Civil Engg.) Elective – III								
CEUG	EL 3	01 1x71	DESIGN OF WATER RETAINING, PLATE AND SHELL STRUCTURES	3	0	0	3	
CEUG	EL 3	01 1x72	INDUSTRIAL WASTE TREATMENT	3	0	0	3	
CEUG	EL 3	01 1x73	TRANSPORTATION SYSTEMS AND PLANNING	3	0	0	3	
CEUG	EL 3	01 1x74	WATER RESOURCES PLANNING AND MANAGEMENT	3	0	0	3	
CEUG	EL 3	01 1x75	SOIL DYNAMICS	3	0	0	3	
Program	Semester	Course code	Course title	L	T	P	Credits	Total Credit/ Sem.
B. Tech (Civil Engg.) Elective – IV								
CEUG	EL 4	01 1x77	WATER POWER ENGINEERING	3	0	0	3	
CEUG	EL 4	01 1x78	BRIDGE ENGINEERING	3	0	0	3	
CEUG	EL 4	01 1x79	SYSTEM ENGINEERING	3	0	0	3	
CEUG	EL 4	01 1x80	ENVIRONMENTAL IMPACT ASSESSMENT	3	0	0	3	
CEUG	EL 4	01 1x81	PR-STRESSED CONCRETE DESIGN	3	0	0	3	
CEUG	EL 4	01 1x82	DESIGN OF DAMS	3	0	0	3	
CEUG	EL 4	01 1x85	FLOOD & DROUGHTS	3	0	0	3	
CEUG	EL 4	01 1x89	DISASTER MANAGEMENT AND MITIGATION	3	0	0	3	
BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING								
B.TECH. (Mech Engg.) SEMESTER-I								
MEUG	1	24 1x05	COMMUNICATIVE ENGLISH	3	1	0	4	
MEUG	1	22 1x01	PHYSICS	3	0	3	5	
MEUG	1	21 1x01	MATHEMATICS	3	1	0	4	
MEUG	1	03 1x01	BASIC ELECTRICAL ENGINEERING	3	0	3	5	
MEUG	1	06 1x01	FUNDAMENTAL OF INFORMATION TECHNOLOGY	3	0	2	4	
MEUG	1	02 1x02	ENGINEERING GRAPHICS	2	0	4	5	
MEUG	1	GE1x01	EAA- I- NSS					27
B.TECH. (Mech Engg.) SEMESTER-II								
MEUG	2	011x02	ENVIRONMENTAL SCIENCE	3	0	3	5	
MEUG	2	23 1x01	ENGINEERING CHEMISTRY	3	0	3	5	
MEUG	2	21 1x02	MATHEMATICS-II	3	1	0	4	
MEUG	2	01 1x01	ENGINEERING MECHANICS	3	0	3	5	
MEUG	2	02 1x01	ELEMENTS OF MECHANICAL ENGINEERING	3	0	2	4	

MEUG	2	02 1x03	WORKSHOP	0	0	6	4	
MEUG	2	GE 1x02	EAA- II- NSS					27
B.TECH. (Mech Engg.) SEMESTER-III								
MEUG	3	24 1x01	ORGANIZATIONAL BEHAVIOUR AND INDUSTRIAL PSYCHOLOGY	3	0	0	3	
MEUG	3	01 1x07	FLUID MECHANICS	3	1	2	5	
MEUG	3	02 1x05	MATERIAL SCIENCE	3	1	0	4	
MEUG	3	211x03	MATHEMATICS-III	3	1	0	4	
MEUG	3	02 1x06	STRENGTH OF MATERIAL	3	0	3	5	
MEUG	3	02 1x07	THERMODYNAMICS	3	1	0	4	
MEUG	3	GE 1x03	EAA-III-NSS					25
B.TECH. (Mech Engg.) SEMESTER-IV								
MEUG	4	04 1x01	BASIC ELECTRONIC	3	0	3	5	
MEUG	4	05 1x01	OBJECT ORIENTED PROGRAMMING	3	0	3	5	
MEUG	4	21 1x04	NUMERICAL METHODS AND COMPUTATIONAL TECHNIQUE	3	0	3	5	
MEUG	4	02 1x08	KINEMATICS OF MACHINERY	3	1	0	4	
MEUG	4	02 1x09	MANUFACTURING BY SHAPING AND JOINING	3	0	3	5	
MEUG	4	02 1x11	MACHINE DRAWING	1	0	3	3	
MEUG	4	GE 1x04	EAA-IV-NSS					27
B.TECH. (Mech Engg.) SEMESTER-V								
MEUG	5	24 1x02	PERSONAL MANAGEMENT AND INDUSTRIAL RELATION	3	0	0	3	
MEUG	5	06 1x05	INFORMATION SECURITY	3	0	0	3	
MEUG	5	02 1x10	FLUID MACHINERY	3	0	3	5	
MEUG	5	02 1x12	STEAM POWER SYSTEM	3	0	3	5	
MEUG	5	02 1x13	DYNAMICS OF MACHINERY	3	0	3	5	
MEUG	5	02 1x14	MACHINE TOOLS AND MACHINERY	3	1	0	4	25
B.TECH. (MECH ENGG.) SEMESTER-VI								
Program	Semester	Course code	Course title	L	T	P	Credits	Total Credit/ Sem.
MEUG	6	02 1x16	HEAT AND MASS TRANSFER	3	0	3	5	
MEUG	6	02 1x17	NON CONVENTIONAL MANUFACTURING	3	1	0	4	
MEUG	6	02 1x18	COMPETITIVE MANUFACTURING STRATEGIES	3	1	0	4	
MEUG	6	02 1x19	INSTRUMENTATION AND MEASUREMENT	3	1	0	4	

MEUG	6	24 1x06	INDUSTRIAL ECONOMICS AND ACCOUNTANCY	3	1	0	4	
MEUG	6	02 1x15	DESIGN OF MACHINE ELEMENT	3	0	3	5	
MEUG	6	02 1x35	SEMINAR	0	0	2	1	27
B.TECH. (Mech Engg.) SEMESTER-VII								
MEUG	7	02 1xxx	ELECTIVE-L	3	1	0	4	
MEUG	7	02 1xxx	ELECTIVE-LL	3	1	0	4	
MEUG	7	02 1x20	REFRIGERATION AND AIR CONDITIONING	3	0	3	5	
MEUG	7	02 1x22	INTERNAL COMBUSTION ENGINE AND GAS TURBINE	3	0	3	5	
MEUG	7	02 1x30	COMPUTER AIDED DESIGN AND MANUFACTURING	3	0	3	5	
MEUG	7	02 1x36	MINOR PROJECT	0	0	5	3	
MEUG	7	02 1x37	INDUSTRIAL TRAINING				2	28
B.TECH. (Mech Engg.) SEMESTER-VIII								
MEUG	8	24 1x07	SUSTAINABLE DEVELOPMENT	3	1	0	4	
MEUG	8	06 1x22	MANAGEMENT INFORMATION SYSTEM	3	0	0	3	
MEUG	8	02 1x21	MECHANICAL SYSTEM DESIGN	3	0	3	5	
MEUG	8	02 1xxx	ELECTIVE-III	3	1	0	4	
MEUG	8	02 1x40	PROJECT	0	0	15	10	26
LIST OF ELECTIVE								
MEUG	EL 2	02 1x23	OPERATION RESEARCH	3	1	0	4	
MEUG	EL 1	02 1x24	AUTOMOTIVE MECHANICS	3	1	0	4	
MEUG	EL 1	02 1x25	EXPERIMENTAL STRESS ANALYSIS	3	1	0	4	
MEUG	EL 2	02 1x26	TOTAL PRODUCTIVITY MAINTENANCE AND VALUE ENGINEERING	3	1	0	4	
MEUG	EL 2	02 1x28	HEAT EXCHANGE DESIGN	3	1	0	4	
MEUG	EL 2	02 1x29	FINITE ELEMENT METHOD AND APPLICATIONS	3	1	0	4	
Program	Semester	Course code	Course title	L	T	P	Credits	Total Credit/ Sem.
MEUG	EL 3	02 1x31	QUALITY ASSURANCE AND RELIABILITY	3	1	0	4	
MEUG	EL 3	02 1x27	INDUSTRIAL POLLUTION	3	1	0	4	
MEUG	EL 3	02 1x32	ROBOTIC AND ROBOT APPLICATION	3	1	0	4	
BACHELOR OF TECHNOLOGY IN ELECTRICAL ENGINEERING								
B.TECH. (EE) SEMESTER-I								