

DEPARTMENT OF MECHANICAL ENGINEERING

REGULATION 2014-15

Course Code	Course Name
I SEMESTER	
T101	Mathematics - I
T102	Physics
T103	Chemistry
T104	Basic Electrical and Electronics Engineering
T105	Engineering Thermodynamics
T106	Computer Programming
P101	Computer Programming Laboratory
P102	Engineering Graphics
P103	Basic Electrical and Electronics Laboratory
II SEMESTER	
T 107	Mathematics – II
T 108	Material Science
T 109	Environmental Science
T 110	Basic Civil and Mechanical Engineering
T 111	Engineering Mechanics
T 112	Communicative English
P 104	Physics lab
P 105	Chemistry lab
P 106	Workshop Practice
P107	NSS/NCC

III SEMESTER	
MAT31	Mathematics – III
MET31	Mechanics of Solids
MET32	Mechanics of Fluids
MET33	Applied Thermodynamics
MET34	Manufacturing Processes
MET35	Electrical and Electronics Engineering
MEP31	Material Testing and Metallurgy Lab
MEP32	Manufacturing Processes Lab - I
MEP33	Electrical and Electronics Lab
IV SEMESTER	
MAT41	Mathematics – IV
MET41	Engineering Metallurgy
MET42	Fluid Machinery
MET43	Kinematics of Machinery
MET44	Machine Drawing
MET45	Machining Processes
MEP41	Fluid Mechanics and Machinery Lab
MEP42	Manufacturing Processes Lab - II
MEP43	Computer Aided Machine Drawing Lab
MEP44	Physical Education
V SEMESTER	
MET51	Dynamics of Machinery
MET52	Design of Machine Elements
MET53	Metrology and Quality Control
MET54	Heat and Mass Transfer
MET55	Mechanical Measurements
MEE54	Industrial Casting Technology
MEP51	Manufacturing Process Lab - III
MEP52	Mechanical Measurement and Metrology Lab
MEP53	Computational Methods Lab

MEP54	General Proficiency - I
VI SEMESTER	
MET61	Operations Research
MET62	Design of Transmission Systems
MET63	Thermal Engineering
MET64	Computer Integrated Manufacturing
MET65	Control System Engineering
MEE61	Automobile Engineering
MEP61	Thermal Engineering Lab - I
MEP62	Dynamics of Machine Lab
MEP63	Computational Fluid Dynamics Lab
MEP64	General Proficiency - II
VII SEMESTER	
MET71	Computer Aided Design
MET72	Industrial Engineering and Management
MET73	Refrigeration, Air Conditioning and Cryogenic Engineering
MEE74	Metal Forming Processes
MEP71	Thermal Engineering Lab - II
MEP72	Computer Aided Engineering Lab
MEP73	Comprehensive Viva - Voce
MEP74	Industrial Visit/Training Report
MEPW7	Project Work(Phase I)
VIII SEMESTER	
MET81	Power Plant Engineering
MET82	Professional Ethics and Indian Constitution
MEE81	Advanced Welding Techniques
MEE810	Total Quality Management
MEPW8	Project Work (Phase II)**
MEP81	Seminar