

Mechanical Engineering		
Military Institute of Science and Technology		
CORE: ME		
01	ME	Introduction to Mechanical Engineering
02	ME	Engineering Mechanics 1
03	ME	Engineering Mechanics 2
04	ME	Mechanics of Solids (with Sessional)
05	ME	Mechanics of Machinery (with Sessional)
06	ME	Fluid Mechanics 1
07	ME	Fluid Mechanics 2 (with Sessional)
08	ME	Fluid Machinery
09	ME	Engineering Thermodynamics (with Sessional)
10	ME	Heat and Mass Transfer (with Sessional)
11	ME	Numerical Analysis (with Sessional)
12	ME	Instrumentation and Measurement
13	ME	Engineering Materials (with sessional)
14	ME	Manufacturing Technology (with Sessional)
15	ME	Control Engineering (with Sessional)
16	ME	Engineering Simulation Sessional
17	ME	Machine Design
18	ME	Heat Transfer Equipment Design
19	ME	IC Engine (with Sessional)
20	ME	Noise and Vibration
21	ME	Heating, Ventilation and Air Conditioning
22	ME	Power Plant Engineering (with Sessional)
23	ME	Automobile Engineering (with Sessional)
24	ME	Mechanical Engineering Drawing 1 Sessional
25	ME	Mechanical Engineering Drawing 2 Sessional
26	ME	Industrial Training
27	ME	Design and Research Project 1
28	ME	Design and Research Project 2
CORE: SCINECE AND TECHNOLOGY		
01	MATH	Differential and Integral Calculus
02	MATH	Differential Equations and Matrix
03	MATH	Vector Analysis, Laplace Transform, Co-ordinate Geometry
04	MATH	Complex Variables, Harmonic Function, Fourier Analysis
05	PHY	Waves and Oscillation, Optics and Modern Physics (with Sessional)
06	PHY	Structure of Matter, Electricity and Magnetism, Modern Physics
07	CHE	Fundamentals of Chemistry (with Sessional)
08	EEE	Fundamentals of Electrical Engineering
09	EEE	Electrical and Electronics Technology (with Sessional)
10	CSE	Computer Programming Language (with Sessional)
11	GERM	Fundamentals of Research Methodology
12	GEEM	Engineering Ethics and Moral Philosophy
13	IPE	CAD/CAM (with Simulation Sessional)
14	SHOP	Workshop Practice Sessional
ELECTIVES (Any Four Courses)		
01	ME	Advanced Thermodynamics
02	ME	Renewable Energy
03	Me	Combustion and Pollution
04	ME	Energy and Environment
05	ME	Advanced Programming with MATLAB
06	ME	Multiphase Flows
07	ME	Introduction to Nanomaterials and Nanotechnology
08	ME	Fluids Engineering
09	ME	Aerodynamics
10	ME	Applied Engineering Mathematics
11	ME	Gas Dynamics
12	ME	Finite Element Method
13	ME	Fluid Power and Control
14	ME	Introduction to CFD
15	ME	Design of Fluid Machines

16	ME	Biomedical Fluid Mechanics
17	ME	Theory of Structures
18	ME	Robotics
19	ME	Composite Materials
20	ME	Aircraft and Aero-engine Structure
21	ME	Applied Aerodynamics
22	ME	Fire Safety and Engineering
23	ME	Preventive Maintenance
24	ME	Petroleum Engineering
25	ME	Automotive Chassis Engineering
26	ME	Vehicle Dynamics
27	ME	Bio-Engineering
28	ME	Plastic Process Technology
29	ME	Modern Manufacturing Technology
30	ME	Metal Cutting Process
31	ME	Occupational Health and Safety Engineering
32	ME	Standards and Inspection
33	ME	Introduction to Nuclear Engineering
34	ME	Tools Engineering
35	ME	Automobile Maintenance Engineering
36	ME	Mems Devices – Design and Fabrication
37	ME	Material Handling
38	ME	Mechatronics
39	ME	Textile Technology
40	ME	Weapon Engineering