

M. Tech. Mechanical Engineering with Specialization in Production Technology Batch – 2026

Semester I		
S No	Course Code	Course Title
1	26MTME11C01	Metal Cutting and Forming
2	26MTME11C02	Advanced Engineering Materials
3	26MTME11C03	Research Methods in Engineering
4	26MTME11C04	Welding Technology
5	26MTME11C05	Welding Technology Lab
6	26MTME11C06	Research Project – I

Semester II		
S No	Course Code	Course Title
1	26MTME12C01	Metal Casting
2	26MTME12C02	Metal Casting Lab
3	26MTME12C03	Industrial Tribology
4	26MTME12C04	Research Project – II
5		Discipline Elective-I
6		Discipline Elective-II

Basket – I Discipline Elective-I		
S. no	Course Code	Course Title
1	26MTME12E01	Non-Conventional Machining Processes
2	26MTME12E02	Production Planning and Control
3	26MTME12E03	Machine Tool Design

Basket – 2 Discipline Elective-II		
S. no	Course Code	Course Title
1	26MTME12E04	Advanced Operations and Control
2	26MTME12E05	Management of Production Systems
3	26MTME12E06	Simulation of Industrial Systems

Semester III		
S No	Course Code	Course Title
1	26MTME23C01	Computer Aided Design and Manufacturing
2	26MTME23C02	Computer Aided Design and Manufacturing Lab
3	26MTME23C03	Diagnostic Maintenance and Monitoring
4	26MTME23C04	Dissertation Phase - I
5		Discipline Elective-III
6		Discipline Elective-IV

Basket – III Discipline Elective-III		
S. no	Course Code	Course Title
1	26MTME23E01	Mechatronics
2	26MTME23E02	Metrology and Industrial Inspection
3	26MTME23E03	Computer Aided Process Planning

Basket – IV Discipline Elective-IV		
S. no	Course Code	Course Title
1	26MTME23E04	Product Design and Development
2	26MTME23E05	Cutting Tool Design
3	26MTME23E06	Jig, Fixture and Die Design

Semester IV		
S No	Course Code	Course Title
1	26MTME24C01	Dissertation Phase - II