

Diploma in Mechanical Engineering Batch – 2026

Semester I		
S No	Course Code	Course Title
1	26ECSD1AEC1	English and Communication Skills– I
2	26ECSD1AEC2	English and Communication Skills– I Lab
3	26DPAL11C01	Applied Mathematics- I
4	26DPAL11C02	Applied Physics–I
5	26DPAL11C03	Applied Physics I Lab
6	26DPAL11C07	Applied Chemistry
7	26DPAL11C08	Applied Chemistry Lab
8	26DPAL11C09	Basics of Information Technology
9	26DPAL11C04	Engineering Drawing–I
10	26DPAL11C05	General Workshop Practice–I
11	26DPAL11C06	Entrepreneurship Mindset-I*
12	26DPAL11C10	Student Centred Activities including Traffic Awareness & Road Safety Camp (I)

*Entrepreneurship Mindset-I shall be delivered through blended and self-paced learning approaches, supported by experiential learning, mentoring, startup-oriented activities, and innovation practices.

Semester II		
S No	Course Code	Course Title
1	26ECSD2AEC3	English and Communication Skills-II
2	26ECSD2AEC4	English and Communication Skills-II Lab
3	26DPAL12C01	Applied Mathematics–II
4	26DPAL12C02	Applied Physics-II
5	26DPAL12C03	Applied Physics-II Lab
6	26DPAL12C06	Environmental Studies
7	26DPME12C01	Applied Mechanics
8	26DPME12C02	Applied Mechanics Lab
9	26DPME12C03	Engineering Drawing-II
10	26DPME12C04	General Workshop Practice–II
11	26DPAL12C04	Entrepreneurship Mindset-II*
12	26DPAL12C05	Student Centred Activities including Traffic Awareness & Road Safety Camp(1I)

*Entrepreneurship Mindset-II shall be delivered through blended and self-paced learning approaches, supported by experiential learning, mentoring, startup-oriented activities, and innovation practices.

Semester III		
S No	Course Code	Course Title
1	26DPME23C01	Engineering Materials
2	26DPME23C02	Engineering Materials Lab
3	26DPME23C03	Elements of Electrical and Electronics Engineering
4	26DPME23C04	Elements of Electrical and Electronics Engineering Lab
5	26DPME23C05	Metrology and Instrumentation
6	26DPME23C06	Metrology and Instrumentation Lab
7	26DPME23C07	Mechanical Engineering Drawing-I
8	26DPME23C08	Workshop Technology – I
9	26DPME23C09	Workshop Technology – I Lab
10		Open Elective (Online/Offline)
11	26DPAL23C01	Student Centred Activities including Energy Conservation Awareness Camp; Drug Use and Abuse Awareness Camp

Basket – I Open Elective		
S. no	Course Code	Course Title
1	26DPAL23E01	Foreign Language
2	26DPAL23E02	NCC
3	26DPAL23E03	Yoga
4	26DPAL23E04	First Aid
5	26DPAL23E05	Creative Writing
6	26DPAL23E06	Sketching, Drawing and Colour Studies
7	26DPAL23E07	Gardening
8	26DPAL23E08	Photography
9	26DPAL23E09	Legal Studies
10	26DPAL23E10	Event Management
11	26DPAL23E11	Diet and Nutrition

Semester IV		
S No	Course Code	Course Title
1	26DPAL24C01	Generic Skills and Entrepreneurship Development
2	26DPME24C01	Hydraulics and Pneumatics
3	26DPME24C02	Hydraulics and Pneumatics Lab
4	26DPME24C03	Strength of Materials
5	26DPME24C04	Strength of Materials Lab
6	26DPME24C05	Thermodynamics-I
7	26DPME24C06	Thermodynamics-I Lab

8	26DPME24C07	Mechanical Engineering Drawing - II
9	26DPME24C08	Workshop Technology – II
10	26DPME24C09	Workshop Technology – II Lab
11	26DPAL24C02	Student Centred Activities including Entrepreneurial Awareness camp

All students have to undergo Industrial training of 6 weeks after 4th semester & it will be evaluated in 5th semester

Semester V		
S No	Course Code	Course Title
1	26DPME35C01	Refrigeration and Air Conditioning
2	26DPME35C02	Refrigeration and Air Conditioning Lab
3	26DPME35C03	CNC Machines & Workshop Technology
4	26DPME35C04	CNC Machines & Workshop Technology Lab
5	26DPME35C05	Thermodynamics-II
6	26DPME35C06	Thermodynamics-II Lab
7	26DPME35C07	Theory of Machines
8	26DPME35C08	Automobile Engineering
9	26DPME35C09	Automobile Engineering Lab
10	26DPME35C10	Computer Aided Drafting (Non-Credit Course)
11	26DPME35C11	Basics of Management(Non-Credit Course)
12	26DPME35C12	Industrial Training during vacations after 4th Semester
13	26DPME35C13	Student Centred Activities including Personality Development Camp
14	26DPME35C10	Programme Elective

Basket – II Programme Elective		
S. no	Course Code	Course Title
1	26DPME35E01	Industrial Automation & Robotics
2	26DPME35E02	Material Handling Equipment
3	26DPME35E03	Installation & Maintenance of Equipment
4	26DPME35E04	Power Plant Engineering
5	26DPME35E05	Machine Design

Semester VI		
S No	Course Code	Course Title
1	26DPME36C01	Internship in Industry