

# Diploma in Technology in Mechanical Engineering

## Course Structure

- One year (two semesters) academics at IET / online mode
- 6 months of industrial training at Reputed Industries

## Curriculum

### Semester 1

Subject	No. of Credits
Mathematics for Technology I	3
Engineering Drawings	3
Workshop Technology	3
Introduction to Computer Systems	2
Principles of Electrical and Electronics Engineering	3
Introduction to Thermodynamics	2
English and Communication Skills	2
Mechanics of Machines	2
Industrial Management	2
<b>Total</b>	<b>22</b>

### Semester 2

Subject	No. of Credits
Mathematics for Technology II	3
Assemble Drawing and Computer Aided Drafting	3
Manufacturing Technology	3
Mechatronics	3
Pneumatics and Hydraulics	3
Automobile Technology	3
Electrical Machines	2
Refrigeration and Air Conditioning	3
<b>Total</b>	<b>23</b>

## Credits Allocation

Semester I	22	Total No. of Credits for Academic Semesters = 45	<b>Total No. of Credits for Diploma = 51</b>
Semester II	23		
Industrial Training	06	Total No. of Credits for Industrial Training = 06	