

5. ABSTRACT OF CURRICULUM AREAS

Following is the abstract of curriculum areas:

1. General Studies

- 1.1 Communication skills
- 1.2 Basics of Information Technology
- 1.3 Entrepreneurship development and Management

2. Applied Science

- 2.1 Applied Mathematics
- 2.2 Applied Physics
- 2.3 Applied Chemistry

3. Basic Courses in Engineering/Technology

- 3.1 Engineering Drawing
- 3.2 Applied Mechanics
- 3.3 General Workshop Practice
- 3.4 Basics of Electrical and Electronics Engineering.
- 3.5 Thermodynamics
- 3.6 Hydraulic and Pneumatic Systems
- 3.7 Basic Mechanical Engineering

4. Applied Courses in Engineering/Technology

- 4.1 Materials and Metallurgy
- 4.2 Machine Drawing
- 4.3 Machine design and drawing
- 4.4 Workshop technology
- 4.5 Industrial engineering
- 4.6 Tool engineering
- 4.7 Computer applications in Mechanical Engineering
- 4.8 CAD
- 4.9 Materials management
- 4.10 Inspection and quality control
- 4.11 CNC machines and automation
- 4.12 CIM
- 4.13 Workshop Practice
- 4.14 Industrial Management
- 4.15 Project Work
- 4.16 Industrial Training