

5. ABSTRACT OF CURRICULUM AREAS

Following is the abstract of curriculum areas:

1. General Studies

- 1.1 Communicating 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. Basics Courses In Engineering/Technology

- 3.1 Engineering Drawing
- 3.2 General Workshop Practice
- 3.3 Applied Mechanics
- 3.4 Hydraulic and Pneumatic Systems
- 3.5 Basics of Electrical & Electronics Engg.
- 3.6 Strength of Materials

4. Applied Course in Engineering/Technology

- 4.1 Materials & Metallurgy
- 4.2 Machine Drawing
- 4.3 Press Tool Design and Drawing
- 4.4 Jigs, Fixtures & Gauges – Design and Drawing
- 4.5 CAD
- 4.6 Heat Treatment
- 4.7 Plastic Mould – Design and Drawing
- 4.8 CNC machines and Automation
- 4.9 Estimating and Costing
- 4.10 Inspection and Quality Control
- 4.11 Workshop Technology
- 4.12 Workshop Practice
- 4.13 Computer Integrated Manufacturing
- 4.14 Forging and Casting Dies – Design & Drawing
- 4.15 Industrial Engineering
- 4.16 Industrial Management
- 4.17 Project Work
- 4.18 Industrial Training