

Technical Diploma Program (One Year I.T.I. Diploma Course) Rs.17,500**1. Diploma in Mechanical Engineering**

- A) Basis of Mechanical Engineering
- B) Engineering Mechanics
- C) Theory of Machines
- D) Applied Thermodynamics
- E) Strength of Materials

3. Diploma in Electrical Engineering

- A) Basic Electronics
- B) Elements of Electrical Engineering
- C) Digital Signal Processing
- D) Electronic Instrumentation
- E) Digital & Analogue Techniques

5. Diploma in Chemical Engineering

- A) Introduction to Chemical Enge.
- B) Thermodynamics of Chem. Engg.
- C) Strength of Materials
- D) Mass & Heat Transfer
- E) Bio Chemical Engineering
- F) Instrumentation & Control

7. Diploma in Surveying

- A) Elements of Management
- B) Fundamental Principle of Surveying
- C) Measurement of Distance
- D) Compass and Chain Traversing
- E) Theodolite and Theodalite Traversing

9. Diploma in Fire & Safety

- A) Elements of Management
- B) Environmental & industrial safety
- C) Fire & safety
- D) Industrial fire & safety
- E) Fire service organization and Management

11. Diploma in Welding**SEM-I****2. Diploma in Electronics Engineering**

- A) Basic Electronics
- B) Elements of Electronics Engineering
- C) Electronic Devices & Circuits
- D) Digital Integrated Circuits
- E) Signals & Systems

4. Diploma in Civil Engineering

- A) Basic Civil Engineering
- B) Surveying
- C) Theory of Structures
- D) Mechanics of Materials
- E) Building Construction

6. Diploma in Information Technology

- A) Foundation of InformationTech
- B) Data Structures & Algorithms
- C) Operating Systems
- D) Network & Systems
- E) Database Management

8. Diploma in Polymer

- A) Introduction To Polymer Science
- B) Polymer Chemistry
- C) Unit Operation in Chemical Engineering
- D) Mould& Die Designing

10. Diploma in Mining

- A) Mining geology
- B) Mining & processing of
- C) Dimensional stone
- D) Mining hazard's of safety
- E) Mining machinery

12. Diploma in Fitter**SEM-I**

- A) Spring Caliper's
- B) Hacksaw Binds

A) General introduction to welding Technology
B) Joining processes for ceramics and Compositoid
C) Other welding processes (laser, Clectron beam, plasina)
<u>SEM-II</u>
A) Power sources for are welding Llealreatment
B) Test materials repair welding,(quality Control during manufa
13. Diploma in Automobile
A) Basics of petrol & diesel engines
B) Basie electricity and electronics
C) Microprocessor & computer skill
D) Transmission, suspension, steering Systems & breakers
15. Diploma in Dairy
A) Role of dairy animals in Indian farming
B) Principles & design of animal housing
C) Economic characters of dairy animals
D) Grading and testing of milk for quality
E) Functioning of chilling centers
17. Diploma in Welder cum Fabricator
A) Welder
B) Workshop calculations and drawing
C) Welding joint
D) Fabrication work

C) Vernier Depth Gauges
<u>SEM-II</u>
A) Twist Drills
B) Surface Plates
C) Thickness of sheet & diameter's Of wire
14. Diploma in Diesel Mechanic
A) Diesel mechanic
B) Diesel engine
C) Workshop calculation science And drawing
16. Information technology
A) Foundation of information Technology
B) Data structures & algorithms
C) Operating systems
D) Web technology
18. Diploma in Mechanical
A) Basics of mechanical enge
B) Machine design
C) Thermal engg
D) Hydraulics
19. Diploma in Chartered finance planner (CFP)
A) Principles of accounting
B) Cost & management accountant
C) Audit management
D) Corporate finance & laws
E) Take over & merger
F) -financial organization management
G) Banking and investment
H) Audit management
I) Corporate finance & laws
J) Take over & merger
K) Financial organization management
L) Banking and investment
M) International finance management