

***DIPLOMA (SAFETY MANAGEMENT- FIRE TECHNOLOGY) – PART TWO***

**Optional Early Certificate: - N/A**

**Syllabus:-**

<b>Sr. No.</b>	<b>Module Code</b>	<b>Name of Module</b>	<b>Credits</b>	<b>Total Marks</b>
1	DSMF121	Accident Prevention Techniques	5	100
2	DSMF122	Hazards in Work Place	5	100
3	DSMF123	Fire Control Technology	6	100
4	DSMF124	Entrepreneurship Development	4	100
5	DSMF125	Practical & Project Work	6	100

**Module Name: ACCIDENT PREVENTION TECHNIQUES**

1. Accident Prevention Fundamentals
2. Motivating Safety and Health
3. General Safety Rules
4. Accident Causation and Prevention
5. Construction Safety Management
6. Emergency Management
7. Emergency Management Key Components
8. Functions of an Emergency Management Programme
9. Roles of Key Participants in Emergency Management
10. Work Health and Safety Consultation, Co-Operation and Coordination
11. Planning and Coordination

**Module Name: HAZARDS IN WORK PLACE**

1. Job Hazard Analysis
2. Respirators and Breathing Apparatus
3. Respiratory Diseases
4. Control of Dust Transmission and Air Contaminant
5. Lighting and Vision

6. Illumination – Need and Adequacy
7. Noise and Related Disease
8. Heat – Comfort and Discomfort
9. Room Temperature & Thermal
10. Hygiene Hazards

**Module Name:** FIRE CONTROL TECHNOLOGY

1. Portable Fire Extinguisher
2. Fire Behavior
3. Fire Causes
4. Fire Suppression
5. Scene Security and Preservation of Evidence
6. Arson Laws in the United States
7. Fire Prevention and Protection
8. Reporting of Findings
9. Fire Protection in Building

**Module Name:** ENTREPRENEURSHIP DEVELOPMENT

**1. ENTREPRENEURIAL BEHAVIOUR**

- Programme Clarity-Sharing Expectations and Unfreezing
- Data Collection about self
- Introduction to Need System and Motivational Pattern of Entrepreneur
- Risk Taking Behavior • Analyzing Motive Strength
- Personal Efficacy
- Conceptualizing Entrepreneurial Values • Achievement Planning
- Tolerance to ambiguities and commitment to entrepreneurial goal
- Leadership and Influencing ability entrepreneurial confidence
- Entrepreneurial goal setting

**2. ENTERPRISE LAUNCHING**

- Environmental Analysis and Market Study
- Project Selection/Formulation and Presentation
- Project Appraisal
- Financial Analysis
- Forms of Enterprise
- Foreign Collaboration

**3. ENTERPRISE MANAGEMENT**

- Basic Management Concepts
- Production Management
- Materials Management
- Financial Management Including Costing and Accounting Practices
- Marketing Management
- Personnel Management
- Problem Solving and Innovation
- Business Laws

**Module Name:** PRACTICAL & PROJECT WORK