



Syllabus

Diploma in Safety Skills & Security Management (DFSSM)

Eligibility	: 10+2
Duration	: 1 Year
Course Structure	: Full Marks -600 (100 Each)

COURSE STRUCTURE

- Paper - I: Safety, Fire & Industrial Hazards
- Paper – II: Security Operational Skills
- Paper – III : Regulatory & Management Skills
- Paper – IV: Disasters Risk Management
- Paper – V :Communication and Equipment Handling
- Paper - VI: Project & Viva-voce (75+25)

Detailed syllabus

Paper- I: Safety, Fire & Industrial Hazards

Unit – I: Introduction of Fire Safety & Management

- Chemistry of combustion & causes & Fire.
- Types of Fire extinguisher with extinguishment
- Classification of Fire
- Selection of correct Fire extinguisher
- Smoke Management

Unit – II: Building fire safety system

- In built Fire protection system with House reel
- Active fire protection system
- Passive fire protection system
- National Building Code Norms.
- Fire service act & prevention act.

Unit – III : Fire Prevention

- Good housekeeping
- Segregation of hazardous substances and dangerous goods.
- Electrical fire hazards.

Unit –IV: Industrial Hazards

- Cause of industrial hazards
- Prevention of industrial hazards.
- Industrial hazards waste management

Paper – II: Safety Operational Skills

Unit – I: (Introduction, operating skills required for planning crisis (Management)

- Operation skills for crowd control management.
- Operation skills for media interaction.

Unit-II: (Skill for Guard Force)

- Breathing apparatus features

Breathing apparatus operating procedure
Operating skill security of front office & administrative premises.
Operating skill for guard force.

Unit III: (Skill for security of women & children)

Operating skill for security of women & children.
Operating skill in handling radio/wireless communications.
Operating skill for drilling with threats.

Unit IV: Operating skill for handling natural disasters

Operating skill for natural & nuclear disasters.
Operating skill for handling coal mines and other explosive devices.
Operating skill for trickling & protecting hostages and survivors during hi-jack.

Paper – III: Regulatory & Management Skills

Unit-I: Regulatory skills

Statutory obligations/legal obligation concerning security
Fire service Act 1950
Fire prevention Act 1996
Explosive Act
Indian penal code/criminal procedure.
Private agency security Act/Arms Act.

Unit – II: Management skills

Supervisor: Role of Supervisor/Function of Supervisor/Levels of Managements.
Planning: Characteristic of planning/planning function of Management.
Advantages & Disadvantages of planning
Direction and its function and uses.
Time Management.
Communication.
Team Building.
Employability skills.

Unit-III: Stress & conflict management

Stress management
Conflict management

Unit – IV: Documentation

Documents writing

Paper – IV : Disasters Risk Management

Unit – I: (Basic Concept of Disasters Management)

Familiarization with concept, terminology, and development in the field of disaster management.
Field of disaster management.
Introduction necessary of studying DM and scope for disasters
Disaster definition, types, history, phase, dimension.
Hazard definition, types, characteristic & impact of different type.
Vulnerability definition, types, socio economic vulnerability, vulnerability analysis.

Unit-II: (Assessment of disaster risk)

Disaster risk management plan Implementation.
Role of risk transfer and insurance.

Unit – III: Mitigation

Preparedness
Mitigation Prevention

Unit – IV: (Disaster risk management)

Assessment of disaster risk.
Ways of minimizing disaster risk.

Paper – V :Communication and Equipment Handling

Unit – I: Communications Systems

Communications: Its meaning and its scope

Types of communication

Means of communication.

Language of communication, communication as information.

Handling and operation of wireless communication equipments.

Telephone procedure/applications/investigation.

Risk survey assessment and report writing.

Unit – II: Computer application

Computer fundamentals, windows,MS Office, Internet and other

Computerised application in safety and security.

Local area network.

Web camera.

Unit-III: Equipment Handling Skill

Access control/Frisking

Anti-Sabotage checking.

Cordoning and Sealing

Evacuation

Surveillance

Chasing.

Paper - VI: Project & Viva-voce

