



**A.P FIRE SERVICES AND CIVIL DEFENSE
TRAINING INSTITUTE**
Sattenapalle, Guntur District.



FIRE SERVICES

VISION

To help create a fire safe society, save life & property in all disasters and create safety consciousness among the public.



MISSION

To build an Integrated Fire Service Force with a mandate to serve the society by saving Life & Property in all types of Disasters.



OBJECTIVES

- To Plan & Organize Induction Training for the Direct Recruits of Fire Service Department in Fire Fighting & Fire Prevention Operations.
- To develop the professional skills of Fire Service Personnel in all the areas of Disaster Response.
- To strengthen the capabilities of safety personnel engaged in various hazardous premises.
- To spread awareness on Fire Safety among the public.





CIVIL DEFENCE



VISION

To help create a disaster resilient society with emphasis on mitigation and preparedness in all types of disasters.

MISSION

To strengthen the capabilities of the society by imparting specialised training to civil Defence volunteers in handling various disasters.



OBJECTIVES

- To Build & Strengthen the volunteers engaged in Civil Defence Activities.
- To spread awareness on Civil Defence activities and to strengthen Community Capacity Building on Disaster Response.
- To build disaster response capabilities in the society.
- To establish standards in civil Defence training modules.

WHERE ARE YOU ?

LEVEL 5

EXECUTIVE

Builds enduring greatness through a paradoxical blend of personal humility and professional will.

LEVEL 3

COMPETENT MANAGER

Organizes people and resources towards the effective and efficient pursuit of predetermined objectives

LEVEL 4

EFFECTIVE LEADER

Catalyzes commitment to and vigorous pursuit of a clear and compelling vision, stimulating higher performance standards.

LEVEL 1

HIGHLY CAPABLE INDIVIDUAL

Makes productive contributions through talent, knowledge, skills and good work habits.

LEVEL 2

CONTRIBUTING TEAM MEMBER

Contributes individual capabilities to the achievement of group objectives and works effectively with others in a group setting.

K. SATYANARAYANA I.P.S

Director General

State Disaster Response & Fire Services
Andhra Pradesh, Vijayawada.



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State Disaster Response and Fire Service,
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Foreword

"Excellence is an art won by training and habituation. We do not act rightly because we have virtue or excellence, but we rather have those because we have acted rightly. We are what we repeatedly do. Excellence, then is not an act but a habit" - Aristotle.

In that way, training places a human being from ordinary to excellence and make the excellence his habit. Without training, man is just like a rock. When an organization enriched with trained man power, it is an asset to the nation. In a way, the development of the nation is assessed by its trained manpower, quality wise, quantity wise in different organizations. It is the responsibility of the organization to enhance the capacity of its individuals with regular trainings.

The role of a fireman has transformed with the changing times. No longer, he can confine himself to his traditional fire fighting duties. He is demanded, when a child falls into a bore well. He is demanded when a boy climbs the tower to jump. He is demanded when a woman drowns in a well. He is a helping hand to the government during the floods and cyclones. He is saving lives during train and road accidents. He is rescuing the people from the building collapses. Now, there is a need to enhance the capability and skill of the fireman.

Training improves, changes, moulds the employees knowledge, skill, behavior, aptitude and attitude towards the requirements of the job and organization. The training should bridge the gap between the demands of the society and the capacity of a fireman. The growing urbanization, increasing sky scrapers, swelling population and climatic changes are the new challenges to the firemen. He has to suit himself to the hazardous industries, and to various disasters.

The age-old idiom "Prevention is better than cure" is equally applicable to the fireman. His responsibility to the society has increased manifold with this new dimension of prevention activities. He is no longer a trainee. He can no longer preserve the knowledge and skills attained by him through the training. Now he has to train the public to handle various fire incidents and disasters. And also he has to ensure that the management/owners of various occupancies are following all fire safety measures. The A.P. Fire Services and Civil Defence Training Institute will contribute more in educating more and more people.

The Andhra Pradesh Fire Services and Civil Defence Training Institute, has been delivering high quality Fire Fighting, rescue and emergency response training to Fire Services personnel of A.P. State Disaster Response and Fire Services as well as employees of other public sector units and private organizations.

I am sure that various programmes of the A.P. Fire Services & Civil Defence Training helps the community to make them disaster resilient. The Training institute has made a comprehensive training schedule for various categories of training catering to both fresh recruits, in-service person and other stakeholders.

The purpose of the training is to tighten up the slack, toughen the body, and polish the spirit.

K. Satyanarayana I.P.S

K. Jayaram Naik B.Sc., M.A.

M.I. Fire (UK), G.I. Fire E (India), Ad. D.F.E., (N.F.S.C.)
India, C.F.P.(Nagoya) Japan, W.M.D. (U.S.A)

Director

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Fire Services Department, Andhra Pradesh,
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Preface

AP Disaster Response and Fire Services is providing Fire Safety coverage to various Hazardous Premises like Residential, Educational, Institutional, Mercantile, Assembly, and Industrial Premises. The people are exposed to various risk factors and Fire risk is one of the Biggest Concern due to Inflammable nature of Hydrocarbon, Chemical and Pharmaceutical Industries. Fire Safety continues to remain one of the most critical factors for safe operations in hydrocarbon, Chemical and Pharmaceutical Industries globally.

Globally, the Fire Technology in the Fire Services has improved drastically in last 10 years, It has becomes absolutely essential to define as well as review the various administrative and technical aspects of the Fire Services from time to time. The Training will give effectively utilisation of Fire equipment at time of Emergency.

The Capacity augmentation for Disaster Management will include Strengthening the Emergency Response capabilities and communication system of the State Agencies such as Fire Department, the State Disaster Response force and other immediate key Response Agencies in responding adequately to disaster situations through better search and rescue equipment, communication equipment, and with enhanced training capabilities.

The World Bank accepted the proposal for providing training in (16) modules for training (990) AP Fire service personnel with World Bank Assistance. Sri K. Satyanarayana IPS., Director General Fire Services has made lot of efforts to get Financial assistance from World Bank.

I hope that, all Fire Service Personnel can utilize the above opportunity to enhance their capabilities with the training modules prescribed in this Booklet

K. Jayaram Naik

P. Venkataramana, M.Sc., LL.B.,
Ad. DFE, (NFSC, Nagpur), G.I. Fire E, IFE (India)

Additional Director

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Fire Services Department, Andhra Pradesh,
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Message

Andhra Pradesh Fire Services and civil Defence Training Institute is committed to ensure the life safety of people in the state. Safety being paramount. Andhra Pradesh Fire Services & Civil Defence Training Institute will be investing in the skill development of Fire personnel and modernizing its Fire Fighting equipments and Training facilities.

Fire Fighters have to face hazardous environment, which are as varied and dynamic as any battle field. The scale and nature of recent major natural disasters Tsunami, Earthquake, Torrential rains and Cyclone as well as man-made disasters require better infrastructure, knowledge and skills at all levels of the Fire services. The present situations need fast improvements in Fire safety measures commensurating with increasing hazards.

Fire Training facility will also be a skill development centre in Fire discipline and the services will be available to inservice/general public/other professionals. I am sure that inservice personnel of Andhra Pradesh Fire Services & Civil Defence Training Institute will play a vital role in developing best Fire safety personnel in the state by incorporating best Fire Technique methodologies.

P. Venkataramana

M.A.Q. Jeelani, M.A.,

Adv. Dip in Fire Engg (NFSC)

Deputy Director,

A.P. Fire Services & Civil Defence
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Message

AP Fire Services and Civil Defence Training Institute is the premier institute engaged in importing professional Firefighting Training and skill development of freshly inducted fire personnel in the ranks of Fireman, Driver Operator, Station Fire Officer and Divisional Fire Officer. It also caters to the capacity building of various other stakeholders including Safety and Security Personnel, Civil Defence Volunteers, Home Guards, Government Employees and general Public by imparting various short-term courses in First Aid Fire Fighting and basic Fire Prevention.

The Training Institute works to enhance the ability of In-service Fire Personnel to deal more effectively with fire and related emergencies by imparting various refresher courses and specialised courses like BA Set Training and Waterman ship Training courses. Recently the department has constituted Task Force Teams that are specialised in conducting Rescue Operations in various disasters like building collapse, rail and road accidents, floods and cyclones, Landslides, Earth quakes and other disasters. The training institute works to enhance the capabilities of the task force teams in CSSR, MFR, Vertical Rope Rescue and Life Saving Skills in flood and water and SCUBA diving practices.

Various batches in the cadres of Fireman and Station Fire Officers have been sent to various National Training Institutes like NFSC and NCDC, Nagpur, NISA, Hyderabad, Goa Fire Services Training Academy Panaji, OFDRA, Bhubaneswar etc. for Training of Trainers (TOT) Training to the Fire Personnel of the Training Institute so as to improve the efficiency of our trainers.

To cater to the requirement of advanced training facilities a proposal for establishment of a Modern Training Academy with state of the art training facilities in Amaravathi has been submitted to CRDA, Amaravathi. Hopefully the proposal for Modern Training Academy shall take shape in near future with state of the art infrastructural facilities catering to the advanced training facilities for all types of disaster specific training.

M.A.Q. Jeelani,



**A.P FIRE SERVICES AND CIVIL DEFENSE
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Sattenapalle, Guntur District.**



THE INSTITUTE

A.P. Fire Services and Civil Defence Training Institute, (Hitherto of State Training School, Hyderabad) was established on 17-05-1956 at Anantapur and thereafter shifted to Hyderabad City in the year 1958. The Training Institute functioned in rented buildings at Hyderabad from 1958 to 2006.

From 26-03-2006, the Institute is functioning in 10 Acres with own buildings in the name of A.P. Fire Services and Home Guards Training Institute. It was renamed as A.P. Fire Services, Home Guards and Civil Defence Training Institute during the year 2010. Home Guards was deinked in the year 2012 and at present it is A.P. Fire Services and Civil Defence Training Institute.

After the bifurcation of Andhra Pradesh, temporary Training Institute was established vide G.O.M.S NO. 110, Dt.27-06-2017 of Home (Prisons and Fire Services) Department at Fire Station premises, Sattenapalli, Guntur District. The Institute is imparting In-Service Training Course to Firemen, Leading Firemen, Driver Operators and Station Fire Officers in their respective promotional courses. The institute also conducts Short - term courses on Basic Fire Prevention and First Aid Fire Fighting Training courses to the employees, Security personnel of Industries, Malls, Multiplexes, Hospitals etc and general public on payment of User Charges.

The activities of Civil Defence and Disaster Management were entrusted to this department by the Government of Andhra Pradesh on the recommendation of High Power Committee headed by Sri K.M. Singh, Member, NDMA on Revamping of Civil Defence. The Government sanctioned 30 new posts to the Institute as per G.O.Ms.No. 59, Dt. 19-03-2013 to conduct various Civil Defence Programs. The Government designated the Director General, State Disaster Response and Fire Services Department as Director, Civil Defence of the State of Andhra Pradesh for coordination, supervision and training of the Civil Defence Organisation as per G.O. Ms No. 21 Dt. 15.02.2018 of Home (Prisons & Fire Services) department.

After the bifurcation, the department is in pursuit of establishing a Modern Training Academy at Amaravathi for conducting advanced Training programs in all types of disasters. A Proposed for allocation of 105.98 Acres in Amaravathi for establishment of Modern Training Academy is already submitted to CRDA, Amaravathi.



**A.P FIRE SERVICES AND CIVIL DEFENSE
TRAINING INSTITUTE**
Sattenapalle, Guntur District.



D. MALYADRI
Asst. Director (DFO)
Civil Defence



B. NARASIMHA RAO
Senior Instructor
(Asst. District Fire Officer)



U. SARATH BABU
Junior Instructor
(Station Fire Officer)

TRAINING FACULTY PROFILE.

SL. No.	Name Sarvasri	Designation	Qualification
1.	M.A.Q. Jeelani	Deputy Director (Regional Fire Officer)	M.A., Adv. D.F.E. (NFSC, Nagpur)
2.	D. Malyadri	Assistant Director (District Fire Officer)	B.A.,
4.	B. Narasimha Rao	Senior Instructor (Asst. District Fire Officer)	B.Com
5.	U. Sarath Babu	Junior Instructor (Station Fire Officer)	B.A.,
6.	B. Srinivasa Rao	Junior Instructor (Station Fire Officer)	B.Com



Direct Recruit Training Courses

Divisional Fire Officer Training Course



LEVEL OF PARTICIPANTS

Selected Candidates from APPSC Group-I Examination for Divisional Fire Officer posts.

COURSE OBJECTIVE

The course objective is to imbibe key aspects of a fire-fighter's role, including community safety, fire-fighting skills, Breathing Apparatus, rescue, hazardous materials and to observe Fire Prevention measures with knowledge of Fixed Fire Fighting Installations, topography and workplace communication skills. Administration Training will also be imparted for one month for field offices where in the trainees will be familiarised with Inspection Procedure, Hazardous premises inspection, and Administration of District Office and Fire Stations.

COURSE CONTENT

- Chemistry of Fire, Communications & Mobilization & Computer Applications, Explosives and Radioactive Materials, Electricity and its Fire Risks, Fire Drills,
- Fire Safety and Inspection, Fixed Fire Protection Installation, Fire Protection Survey of Various Risks and Inspection of Public Entertainment and Assembly Places,
- Appliance Design, Automatic Fire Detection System, Building Construction and Structural Fire Protection,
- Management Command and Control of Fire Service, Mechanics, Plan Reading, Storage and Transportation of Hazardous Materials, Method of Instruction, Evaluation technique of Fire Fighting,
- Air Conditioning, Heating and Ventilation System, Air Craft Rescue and Air Port Protection,
- Dust and Gas Explosion and Gas detection System, Hydraulics, Investigation of Fire and Arson,
- Appliances and Equipment & Special Fires.

DURATION
7 months

AGE LIMIT
Below 28 years



Direct Recruit Training Courses

Station Fire Officer Training Course.



COURSE OBJECTIVE

The course objective is to imbibe key aspects of a fire-fighter's role, including community safety, fire-fighting skills, Breathing Apparatus, rescue, hazardous materials and also to observe Fire Prevention measures with knowledge of Fixed Fire Fighting Installations, topography and workplace communication skills. Administration Training will also be imparted for one month in field offices.

LEVEL OF PARTICIPANTS

Selected Candidates from State Level Police Recruitment Board (SLPRB) for S.F.O posts.

COURSE CONTENT

- Organization of Fire Service, Discipline
- Fire Prevention, Duties & Responsibilities in Station, Electricity, Topography, Fixed Fire Fighting Installations
- Rural fire Risks, Salvage, Small Gear, Special Services, Sprinkler & Drencher installations, Standard Test
- General Hints of Fire Prevention, Hydraulics, Rescue Drills
- Watch room Procedure, Water Problems, Water relay, Water Tenders
- Pumps, Pump Drills Practical Fireman ship
- Hook Ladders, Hose, Hose Drills Hose Fittings, Hydrants, Knots & lines, Ladders
- Escape, Foam & Foam Equipment
- Breathing Apparatus, Chemical Extinguishers, Chemistry & Heat
- Administrative Training.

DURATION
7 months

AGE LIMIT
Below 28 years



Direct Recruit Training Courses

Driver Operator Training Course



COURSE OBJECTIVE

The course objective is to imbibe basic Fire Fighting Skills, practical fireman ship, Salvage, Rescue Operations using Breathing Apparatus, Safe Driving Skills and Vehicle Mechanism, Maintain First Aid and Discipline.

LEVEL OF PARTICIPANTS

Selected Candidates by the Fire Department.

COURSE CONTENT

- Discipline, Special Services, First Aid, Duties of Fireman and Discipline.
- Organization of Fire Service, Water Supply, Water Relay, Building Construction, Fixed Installations
- Watch Room Procedure , practical Fireman ship, Salvage , Rural Fires, Electricity
- Hydrants, Extinguishers, Ropes & Lines
- Mechanical Foam & Foam Equipment, Small Gear
- Chemistry of Fire, Hose & Hose Fittings
- Breathing Apparatus, Knots & Lines, Ladders, Pumps & Primers
- 15 days Training attachment with R.T.C. on Vehicle Maintenance, Safe Driving etc.,

DURATION
4 months

AGE LIMIT
Below 30 years



Direct Recruit Training Courses

Fireman Training Course



LEVEL OF PARTICIPANTS

Selected Candidates from State Level Police Recruitment Board (SLPRB) for Firemen posts.

COURSE OBJECTIVE

The course objective is to imbibe basic Fire Fighting Skills, practical fireman ship, Salvage, Rescue Operations using Breathing Apparatus, First Aid and Discipline.



DURATION
4 months

AGE LIMIT
Below 30 years

COURSE CONTENT

- Discipline, Special Services, First Aid, Duties of Fireman
- Organization of Fire Service, Water Supply, Water Relay, Building Construction, Fixed Installations
- Watch Room Procedure , practical Fireman ship, Salvage , Rural Fires, Electricity
- Chemistry of Fire, Hose & Hose Fittings
- Hydrants, Extinguishers, Ropes & Lines
- Mechanical Foam & Foam Equipment, Small Gear
- Breathing Apparatus, Knots & Lines, Ladders, Pumps & Primers



In-Service Training Courses for Promotion

Leading Fireman Training Course



COURSE OBJECTIVE

The course objective is to upgrade professional Fire Fighting Skills, Practical fireman ship, Salvage, Rescue Operations using Breathing Apparatus, conducting Fire Prevention with knowledge on Fixed Fire Fighting Installations, and Watch Room Procedure.

LEVEL OF PARTICIPANTS

Deputed staff from Fire Department

COURSE CONTENT

- Organization of Fire Service
- Discipline , Escape, Foam & Foam Equipment
- Rural fire Risks, Salvage, Small Gear, Special Services, Sprinkler & Drencher installations, Standard Test
- General Hints of Fire Prevention , Hydraulics , Rescue Drills
- Pumps , Pump Drills Practical Fireman ship
- Hook Ladders, Hose, Hose Drills Hose Fittings, Hydrants, Knots & lines, Ladders
- Breathing Apparatus, Chemical Extinguishers, Chemistry & Heat
- Watch room Procedure, Water Problems, Water relay, Water Tenders, Administrative Training.

DURATION
3 months

AGE LIMIT
NA



In-Service Training Courses for Promotion

Station Fire Officer Training Course



COURSE OBJECTIVE

The course objective is to imbibe key aspects of a firefighter's role, including community safety, firefighting skills, Breathing Apparatus, rescue, hazardous materials and also to conduct Fire Prevention measures with knowledge of Fixed Fire Fighting Installations and Administration and Accounts Training. The course is meant for senior leading Fire Man, Driver Operator to under go. Pre-promotion Course promotion to Station Fire Officer.

LEVEL OF PARTICIPANTS

Deputed staff from Fire Department

COURSE CONTENT

- Organization of Fire Service
- Discipline, Escape, Foam & Foam Equipment
- Pumps, Pump Drills Practical Fireman ship
- Hook Ladders, Hose, Hose Drills Hose Fittings, Hydrants, Knots & lines, Ladders
- General Hints of Fire Prevention, Hydraulics, Rescue Drills
- Rural fire Risks, Salvage, Small Gear, Special Services, Sprinkler & Drencher installations, Standard Test
- Breathing Apparatus, Chemical Extinguishers, Chemistry & Heat
- Watch room Procedure, Water Problems, Water relay, Water Tenders, Administrative Training.

DURATION
4 months

AGE LIMIT
NA



In-Service Training Courses for Promotion

Stations Fire Officer Refresher Course



LEVEL OF PARTICIPANTS

Deputed staff from Fire Department

COURSE OBJECTIVE

The course objective is to imbibe key aspects of a firefighter's role, including community safety, firefighting skills, Breathing Apparatus, rescue, hazardous materials and also to conduct Fire Prevention measures with knowledge of Fixed Fire Fighting Installations and Administration and Accounts Training. The course is meant for senior Station Fire Officer to under go Pre-promotions course so as to be promoted to Asst. Divisional Fire Officer.

COURSE CONTENT

- Organization of Fire Service, Pumps , Pump Drills Practical Fireman ship
- Rural fire Risks, Salvage, Small Gear, Special Services, Sprinkler & Drencher installations , Standard Test
- Chemical Extinguishers, Chemistry & Heat, Resuscitation, Special Appliances, Special Services., B.A.
- Hook Ladders , Hose , Hose Drills Hose Fittings , Hydrants , Knots & lines, Ladders
- Building Construction, Fixed Fire Fighting Installations, Plan Reading, Escape, Foam & Foam Equipment
- General Hints of Fire Prevention, Hydraulics, Water Problems, Rescue Drills
- Watch room Procedure, Water Problems, Water relay, Water Tenders, Administrative Training: Fire Services Administration and Accounts.
- Air Conditioning and Refrigeration, Chemical Compounds, IC Engines, Volatile Liquids
- Air Craft Fires & Rescue, Special Risks: Radio Active materials and Nuclear Explosives, Standard Tests

DURATION
3 months

AGE LIMIT
NA



Breathing Apparatus (B.A.) Set Training Course



COURSE OBJECTIVE

The objective of the course is to provide professional training to the participants on the use of Breathing Apparatus, Donning & Doffing Procedures, imbibe knowledge on the physiology of Respiration and Practical working with B.A Sets. The course's meant for fresher recruits. Under go Training in Rescue Operation in Confined areas using B.A. sets.

LEVEL OF PARTICIPANTS

Deputed staff from Fire Department

DURATION
12 days

AGE LIMIT
NA

COURSE CONTENT

- Elementary Physiology of Respiration, Early types of Breathing Apparatus.
- Oxygen B.A Sets, Compressed Air B.A. Sets, Other Breathing Apparatus, Oxygen B.A Cylinders, Working Duration of B.A Set
- Practical Working with Breathing Apparatus
- Recording and Supervising Procedure, Communication, types
- Use of air Line Equipment for Fire Fighting
- Working in pressurized atmosphere & Resuscitation



Short Duration Courses for Other Stakeholders

First Aid Fire Fighting Course



LEVEL OF PARTICIPANTS

Individuals, Volunteers, Safety and security personnel from different organizations.

COURSE OBJECTIVE

The objective of the course is to familiarize the participants on the first aid fire fighting training and have hands on experience on the operation of portable Fire Extinguishers.



DURATION
01 Day

AGE LIMIT
NA

COURSE CONTENT

- Fire & Cause of Fires.
- Extinction of Fires.
- Rescue by ordinary Means.
- Review test/feedback.



Short Duration Courses for Other Stakeholders

Basic Fire Prevention & First Aid Fire Fighting Training Course



LEVEL OF PARTICIPANTS

Individuals, Volunteers, Safety and Security
Personnel from Different Organizations.

COURSE OBJECTIVE

The objective of the course is to familiarise the participants on the basic fire prevention and extinction operations.



DURATION
3 days

AGE LIMIT
NA

COURSE CONTENT

- Fire & Causes of fires
- Prevention of Fires
- Extinction of Fires
- Rescue By Ordinary Means
- Review / Test / Feedback.



Short Duration Courses for Other Stakeholders

Elementary Fire Fighting Training Course



COURSE OBJECTIVE

The objective of the course is to imbibe the participants on the knowledge of Combustion chemistry, basic fire prevention and extinction operations and also on rescue operations including evacuation procedure in High Rise Buildings.

LEVEL OF PARTICIPANTS

Individuals, Volunteers, Safety and Security Personnel from Different Organizations.

DURATION
6 days

AGE LIMIT
NA

COURSE CONTENT

- Fire & Causes of fires
- Prevention of Fires
- Extinction of Fires
- Fixed Fire fighting Installations
- Foam & Foam Equipment
- High Rise Buildings
- Extinction
- Rescue By Ordinary Means
- Physical Training & Squad Drill
- Review / Test / Feedback.



Short Duration Courses for Other Stakeholders

Fire Prevention & First Aid Fire Fighting Orientation Training Course



COURSE OBJECTIVE

The objective of the course is to provide professional training to the participants in Fire prevention and Fire Extinction operations and also to have hands on operation of the fire fighting equipment, upgrade their skills on Rescue operations using Breathing Apparatus, including evacuation procedure in High Rise Buildings and First Aid.

LEVEL OF PARTICIPANTS

Individuals, Volunteers, Safety and Security Personnel from Different Organizations.



DURATION
12 days

AGE LIMIT
NA

COURSE CONTENT

- Chemistry of combustion, Portable fire Extinguishers, Hose, Foam & Foam Equipment, Fixed Fire Fighting Installation, Building Construction
- Fire Safety in High Rise Buildings and Evacuation
- Prevention of Fires, Breathing Apparatus, First Aid, Electricity
- Rescue Methods - Rescue BY Ordinary Means
- Physical Training & Squad Drill.
- Review / Test / Feedback.



Training on capacity building at various National Training Institutions.

Basic course in CSSR / MFR

(Course offered by NCDC, Nagpur, NISA, Hyderabad, Goa Fire Service, Panaji)



COURSE OBJECTIVE

Course is designed to train in advance Search and Rescue (SAR) Techniques by employing advanced CSSR equipment for conducting rescue operations during disasters and train personnel in pre hospital care for medical emergency (MFR)

COURSE CONTENT

MFR

- Risk management,
- International development and public policy.
- Introduction of MFR Course
- EMS&MFR
- Contagious diseases and precautions
- Incident of medical emergency
- Soft tissue injuries
- Musculoskeletal injuries

CSSR

- Organizing and starting a CSSR operation
- Construction Materials, Structures and Damage Types
- Structural Triage and the INSARAG Marking System
- Operational Safety
- Search and Location Techniques
- Tools, Equipments and Accessories
- Rescue Strategies and Techniques
- Breaching and bracing techniques
- Lifting and moving
- Shoring methods

DURATION
21 days



All India Waterman Ship (swimming) course for handling cyclones /floods

(Course offered by Home Guard and Civil Defence Training Academy, Bengalure.)



DURATION
5 weeks

COURSE CONTENT

- Organise flood/ cyclone disaster training.
- Definition & types of Disasters.
- Causes of Floods in India.
- Causes of Cyclones/hurricanes.
- Control of Relief operations.
- Rescue Operations in flood/cyclone.
- Use of Field machines for Rescue.
- Operation of Boats and OBM's.
- Improvised Floating aids.
- Preparation of Rope bridges.
- Disposal of Dead bodies and Carcasses.
- Management of post Disaster services.
- Emergency Operation Centers. (EOC)
- Warning System for Cyclone & Flood



Advanced Swimming Course & Operation of Fire Fighting and Resque Equipments

(Course offered by OFDRA, Bhubaneswar.)



DURATION
30 days

COURSE CONTENT

- Personal Safety, Well Being & General Awareness
- Basic Swimming Skills
- Resuscitation (CPR)
- Advanced First Aid (incl use of medical eqpt)
- Communications.
- Rescue Techniques incl Search & Rescue Patrols (SAR)
- Carriages, Supports and Evacuations
- Boat Operations
- Situation Management (For Officers)
- Maintenance of Equipments.
- Boat diving
- Light salvage
- Hunting and collecting
- Exploration and underwater mapping



Vertical Rope Rescue course

(Course offered by NISA, Hyderabad & NCDC, Nagpur.)

COURSE CONTENT

(DURATION : 1 week)

- Agency laws and policies
- Rescue instruction philosophy and absolutes
- Size Up
- Rescue Safety
- Hazards and Dangers
- On Site Safety Brief and Control
- Systems Safety Check
- Pre Incident Plan
- Incident Management System
- Medical Considerations
- Knots - Figure 8 Series and Butterflies
- Bends - Water, Double Overhand, Square
- Hitches
- Load Release Hitches
- Equipment Care and Maintenance
- Anchor Ties - simple, multi point, no knot
- Anchors - vehicular, structural and natural
- Artificial Anchors and Deadman
- Pre Tensioned Back ties
- Artificial High Directional
- Belay types and independents
- Mechanical Advantage - simple and compound
- Placing rope protection
- Verbal commands and communication methodology
- Two line system (main and belay)



- Patient packaging and litter management
- Low angle ascension and descension
- Low and High angle raising and lowering
- Change overs - under load
- passing obstructions - knot passing
- High angle repelling - 8, rack, tie offs
- Change from ascending to descending
- Pick off while suspended from rope
- High Line systems - Tyrollean and Telfer



Industrial Disaster Management, Chemical Disaster First Responder & Basic Disaster Management Training (Courses offered by NCDC, Nagpur.)



Basic Disaster Management training. (DURATION : 2 weeks)

- Explain the characteristics and impacts of disasters and complex emergencies.
- Analyse how vulnerabilities and capacities affect the resilience of communities to disasters.
- Describe the different phases of disaster management and the key activities for each phase.
- Explain the links between disaster management and disaster risk reduction.
- Identify the international legal instruments, humanitarian principles, codes and standards which guide disaster management.
- Describe and apply disaster management tools.
- Identify the roles and responsibilities of different actors in disaster management and analyse how they can work together in a coordinated manner.
- Prepare a disaster management contingency plan.

COURSE CONTENT ***Industrial Disaster Management*** (DURATION : 2 weeks)

- Introduction to disaster management
- Country's vulnerability profile to natural disasters, disaster management system, structures and mechanism
- Radiological, nuclear, biological, chemical and industrial disasters
- Early warning system for disaster management
- Disaster response management
- Incident command system (ICS)
- Direct trainers skill.

Chemical Disaster First Responders (DURATION : 2 weeks)

- Threat from hazardous chemicals.
- Principles of toxicology.
- Identification of hazardous chemicals.
- Health effects of hazardous chemicals.
- Response planning.
- Safety in handling & transportation of chemicals.
- Confinement & containment of hazardous chemicals.
- Medical intervention.
- Use of Personal Protective Equipment (PPE)
- Chemical detection instruments.
- Decontamination Procedures.
- Incident command and control.
- Evacuation Planning.



Civil Defence and Disaster Management

(Course offered by NCD, Nagpur.)



COURSE CONTENT (DURATION : 2 weeks)

- Civil Defence, therefore is the sum total of all measures which are intended to minimize effects of any conflict.
- Civil Defence measures form an extension of the normal functions of government department, where in times of conflict the Health Department for example, is responsible for emergency hospital organization; the PWD for design and execution of protective works, etc.
- The responsibility of departments extends to carrying out the policy & technical direction of Civil Defence measures with proper coordination of activities to harmonise with one general plan. This would prevent gaps or overlapping. This principle is to be observed throughout the administration.
- Allocating definite responsibilities to various agencies/ department.
- Setting up of co-ordination meetings for consultation among various agencies.
- Setting details of procedures in advance to avoid difficulties at the time of implementation of the Plan (SOPs, Systems to be in place).
- Co-ordination by the Home Department as the Authority.





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TRAINING SCHEDULE FOR THE YEAR 2018 (INTERNAL)

SL. No.	Name of the course	Duration	Scheduled Date	No.of Persons
1	3rd Batch Station Fire Officer's Course (Promotional Course for Firemen, Driverer Operators and Leading Firemen)	4 Months	27-12-2017 to 26-04-2018	48
2	1st Batch District Fire Officer's Training Course (For Direct Recruitment District Fire Officer)	7 Months	15-06-2018 to 14-01-2019	2
3	3rd Batch Leading Fire Men Training Course (Promotional course from Fireman to Leading Firemen)	3 Months	15-06-2018 to 14-09-2018	30
4	4th Batch Station Fire Officer's Course (Promotional Course for Firemen, Driverer Operators and Leading Firemen)	4 Months	21-09-2018 to 20-01-2019	30

TRAINING SCHEDULE FOR THE YEAR 2018 (EXTERNAL) FOR NISA, HYDERABAD.

1	Vertical Rope and Rescue Training Course.	3 Weeks	29-01-2018 to 17-02-2018	6
2	1st Batch Certificate of Copmetence in Wearing and Instructions in the use of Breathing Apparatus Set Training.	1 Week	19-02-2018 to 24-02-2018	9

TRAINING SCHEDULE FOR THE YEAR 2018 (EXTERNAL) PROPOSED FOR NISA, HYDERABAD.

1	14th CBRN Basic Course for SDRF	3 Weeks	23-04-2018 to 11-05-2018	20
2	16th CBRN Basic Course for CISF	3 Weeks	14-05-2018 to 02-06-2018	20
3	DM Basic Course for UP Fire Services	3 Weeks	04-06-2018 to 23-06-2018	20
4	62nd DM Basic Course-SDRF	3 Weeks	25-06-2018 to 03-07-2018	20
5	20th CBRN Basic Course-SDRF	3 Weeks	16-07-2018 to 04-08-2018	20
6	63rd DM Basic Course-CISF	3 Weeks	06-08-2018 to 25-08-2018	20



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SL. No.	Name of the course	Duration	Scheduled Date	No.of Persons
7	36th TOT in MFR & CSSR -CISF	7 Weeks	27-08-2018 to 12-10-2018	21
8	18th TOT in NBC for CISF	2 Weeks	22-10-2018 to 03-11-2018	21
9	40th TOT in MFR & CSSR-SDRF	3 Weeks	12-11-2018 to 01-12-2018	21
10	MOT in MFR & CSSR-SDRF	3 Weeks	03-12-2018 to 22-12-2018	21

TRAINING SCHEDULE FOR THE YEAR 2018 (EXTERNAL) FOR GOA.

1	2nd Batch Medical First Responder (MFR) and Urban Search and Rescue (USAR)	3 Weeks	15-02-2018 to 07-03-2018	30
2	3rd Batch Medical First Responder (MFR) and Urban Search and Rescue (USAR)	3 Weeks	03-10-2018 to 23-10-2018	30
3	4th Batch Medical First Responder (MFR) and Urban Search and Rescue (USAR)	3 Weeks	03-11-2018 to 23-11-2018	30

TRAINING SCHEDULE FOR THE YEAR 2018 (EXTERNAL) FOR ODISHA

1	2nd Batch Advanced Swimming and Operations and Various Fire Fighting and Rescue Equipment.	30 Days	02-04-2018 to 01-05-2018	50
2	3rd Batch Advanced Swimming and Operations and Various Fire Fighting and Rescue Equipment.	30 Days	02-07-2018 to 31-07-2018	50
3	4th Batch Advanced Swimming and Operations and Various Fire Fighting and Rescue Equipment.	30 Days	02-08-2018 to 31-08-2018	50



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TRAINING SCHEDULE FOR THE YEAR 2018 (EXTERNAL) FOR NCDC, NAGPUR

SL. No.	Name of the course	Duration	Scheduled Date	No.of Persons
1	(17) TOT on Radiological & Nuclear Emergencies	2 Weeks	25-06-2018 To 06-07-2018	10
2	(62) Flood/Cyclone Disaster Responders	5 Weeks	09-07-2018 To 10-08-2018	5
3	(23) Chemical Disaster First Responders	3 Weeks	18-08-2018 To 31-08-2018	5
4	(108) Industrial Disaster Management	2 Weeks	27-08-2018 To 07-09-2018	4
5	(12) Collapsed Structure Search and Location	1 Week	08-10-2018 To 12-10-2018	3
6	(60) Advance Search & Rescue	3 Weeks	15-10-2018 To 02-11-2018	4
7	(270) Disaster Management for Senior Executives from Govt. & Industries.	1 Week	26-11-2018 To 30-11-2018	6
8	(02) Vertical Rope Rescue	1 Week	10-12-2018 To 14-12-2018	6



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**SHORT TERM COURSES
TRAINING SCHEDULE FOR OTHER STAKEHOLDERS THE MONTH OF JUNE 2018**

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day			18-06-18	25-06-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days			18-06-2018 to 20-06-2018	
3	Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days			18-06-2018 to 23-06-2018	
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days			18-06-2018 to 30-06-18	

SHORT TERM COURSES SCHEDULE FOR THE MONTH OF JULY 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	02-07-18	09-07-18	16-07-18	23-07-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	02-07-2018 to 04-07-2018		16-07-2018 to 18-07-2018	
3	Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	02-07-2018 to 07-07-2018		16-07-2018 to 21-07-2018	
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	02-07-2018 to	16-07-18	17-07-18	30-07-18



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SHORT TERM COURSES SCHEDULE FOR THE MONTH OF AUGUST 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	06-08-18	13-08-18	20-08-18	27-08-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	01-08-2018 to 03-08-2018		17-08-2018 to 20-08-2018	
3	Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	01-08-2018 to 07-08-2018		17-08-2018 to 24-08-2018	
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	01-08-2018 to	16-08-18	17-08-2018 to	31-08-18

SHORT TERM COURSES SCHEDULE FOR THE MONTH OF SEPTEMBER 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	04-09-18	10-09-18	17-09-18	24-09-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	04-09-2018 to 06-09-2018			24-09-18 to 26-09-18
3	Batch Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	04-09-2018 to 11-09-2018			24-09-18 to 29-09-18
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	04-09-2018 to		19-09-18	



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SHORT TERM COURSES SCHEDULE FOR THE MONTH OF OCTOBER 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	01-10-18	08-10-18	15-10-18	22-10-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	01-10-2018 to 04-10-2018			22-10-18 to 23-10-18
3	7th & 8th Batch Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	01-10-2018 to 08-10-2018			22-10-18 to 27-10-19
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	01-10-2018 To		16-10-18	

SHORT TERM COURSES SCHEDULE FOR THE MONTH OF NOVEMBER 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	01-11-18	12-11-18	19-10-18	26-11-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	01-11-2018 to 03-11-2018		19-11-2018 to	22-11-18
3	Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	01-11-2018 to	08-11-18	19-11-2018 to	26-10-19
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	01-11-2018 To		16-11-18	



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SHORT TERM COURSES SCHEDULE FOR THE MONTH OF DECEMBER 2018

SL. No.	Name of the course	Duration	1 st Week	2 nd Week	3 rd Week	4 th Week
1	First Aid Fire Fighting Training Course. (For Other Stakeholders.)	01 Day	03-12-18	10-12-18	17-12-18	27-12-18
2	Basic Fire Prevention & First Aid Fire Fighting Training Course (For Other Stake Holders)	03 Days	03-12-2018 to 05-12-2018		17-12-2018 to 19-12-2018	
3	Elementary Fire Fighting Training Course (For Other Stake Holders)	06 Days	03-12-2018 to	10-12-19	17-12-2018 to 22-12-2018	
4	Fire Prevention & First Aid Fire Fighting Orientation Training Course (For Other Stake Holders)	12 Days	03-12-2018 to		17-10-18	

CALENDAR - 2018

JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

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