

भारत सरकार
गृह मंत्रालय
राष्ट्रीय अग्निशमन सेवा महाविद्यालय
राजनगर, नागपुर -440013



GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS
NATIONAL FIRE SERVICE COLLEGE
Rajnagar, **NAGPUR - 440 013**

Telephone-one No. 0712-2982225 Telefax No. 2982224 website:- nfscnagpur.nic.in, email:- nfscnagpur-mha@nic.in
NO. FC/TRG/71-23/STC-DWS/2024 **Dated:- 15/10/2024**

NOTICE

SUBJECT:- DESIGN OF WATER BASED FIRE PROTECTION SYSTEM COURSE

RESCHEDULED PERIOD :-16th December to 20th December -2024 (1 WEEK)

As you are aware, that National Fire Service College, Nagpur (NFSC) a premier training institute functioning under Ministry of Home Affairs, Government of India, will be organizing one week Short Term Training Program on "***Design Water Based Fire Protection System Course***" from 16th December to 20th December 2024 (1 WEEK).

Nominations of suitable physically and medically fit candidate(s) ("***The Design of Water Based Fire Protection System Course***" is designed for fire service officers from Central/state government/PSUs/Autonomous Government bodies Fire service organizations) is invited, to attend the above mentioned short term Course.

After completion of this program, the participant will be able to:

- Understand the Importance of Water-Based Fire Protection Systems.
- Identify Different Types of Water-Based Fire Protection Systems.
- Recognize Key Design Aspects.
- Interpret Basic System Requirements.
- Implement requirements of applicable codes and standards.

Please download the **Brochure** for Registration Form, Medical fitness Certificate eligibility criteria, Course Fee and other details.

NOTE: THE APPLICATION FORMS COMPLETED IN ALL RESPECTS SHALL BE ACCEPTED THROUGH EMAIL ONLY.(nfscstrg@gmail.com.)

A **Demand Draft** for an amount of **₹420/- (Rupees Four Hundred and Twenty only)** may be drawn in favour of "***The Director, National Fire Service College, Payable at Nagpur,***" and **sent along with nominee towards** payment of course fees at the **time of reporting at this College**. Mess charges shall be as per actual charged by the Mess Caterer. Demand draft should be prepared after the publication of final list on the college website. No hardcopy will be forwarded.

The course capacity is **30 only**. The nominations shall be accepted on scrutiny of participants duly approved by the Competent Authority. The last date of acceptance of Registration Forms is **06th December 24**, positively by email nfscstrg@gmail.com.

The final list of selected candidates shall be displayed on College website (www.nfscnagpur.nic.in.) by **09th December 24**.

DIRECTOR



DESIGN OF WATER BASED FIRE PROTECTION SYSTEM COURSE

FROM 16th December to 20th December -2024

REGISTRATION FORM

Attested
Passport size
photograph
of the
Trainee
Officer

1	Name :-	
2	Designation:-	
3	Ministry/Department/Organisation:-	
4	Address of the Organisation:-	
5	Email id of the Organisation:-	
6	Telephone No. of the Organisation:-	
7	Educational Qualification:-	
8	Address of the Trainee Officer:-	
9	Mobile no. of the Trainee Officer:-	
10	Email id of the Trainee Officer:-	
11	Fee DetailsDD No.:-	
	Date:-	
	₹	

I certify that the above information furnished by me is true to the best of my knowledge and belief.

Signature of applicant

To be certified by Head of Department

This is to certify that the information furnished by Shri/Smt/Ms-----
in the form of application above is correct to the best of our knowledge.He/She is physically
and medically fit to attend the course.

(Signature & Seal of Authorized Official)

Name & full address of the Head of Department

**MEDICAL CERTIFICATE FROM CHIEF MEDICAL OFFICER OF A GOVERNMENT
HOSPITAL TO BE PRODUCED BY CANDIDATES FOR ADMISSION INTO**

SHORT TERM COURSE ON

DESIGN OF WATER BASED FIRE PROTECTION SYSTEM COURSE

16th December to 20th December -2024 (1 WEEK)

(TO BE HANDWRITTEN BY THE DOCTOR ISSUING THE CERTIFICATE)

Certified that I, Dr. _____ Regd. No _____ has examined
Shri/Ku/Smt. _____ Son/Daughter _____ of
_____ resident of _____ and found him/her medically
& physically fit to perform practical training on-site & off-site of Design of Water Based
Fire Protection System Short Term Course.

Signature of Chief Medical Officer

Designation

Stamp:

Office Seal

Place:

Date:

Course Name	Design of Water Based Fire Protection System
Course Duration	01 week(Residential)
Objectives	<p>After completion of this program, the participant will be able to:</p> <ul style="list-style-type: none"> ▪ Understand the Importance of Water-Based Fire Protection Systems. ▪ Identify Different Types of Water-Based Fire Protection Systems. ▪ Recognize Key Design Aspects. ▪ Interpret Basic System Requirements. ▪ Implement requirements of applicable codes and standards.
Course Content	<ul style="list-style-type: none"> ▪ Role of water-based fire protection systems. ▪ Types of water-based systems. ▪ Basic principles of system, operation, maintenance and inspection. ▪ Relevant Indian Standards, NBC and other applicable codes. ▪ Key design aspects ▪ Integration with other related systems ▪ System Design Considerations ▪ Basic Design elements and Hydraulic considerations ▪ Basic related calculations
Eligibility Criteria	<ul style="list-style-type: none"> • Qualifications: The candidates shall be preferably 12th pass with science subjects or any other technical qualification. • Age Limit: no age limit. <p>Medical and Physical Fitness: The participant shall be in good medical And physical condition.</p>
Pre-Course Preparation	<p>Participants should study/prepare the following thoroughly before attending the course, for efficient learning:</p> <ul style="list-style-type: none"> ▪ Understanding of Fire Safety ▪ Fundamental Knowledge of Building Fire Safety ▪ Introductory Knowledge of Fire Protection Systems ▪ Basic Mathematical Skills
Target Group	The training is designed for fire service officers from government/Industry/PSU/ Autonomous fire service organizations.
Fee Structure	₹ 420
Delivery Method	Classroom Instruction, Discussion, Tabletop exercise, Simulation, Case studies and Video clips, Expert/specialist talk, Laboratory visit etc.
Evaluation	Based on written examination and group exercise.
Certification	The candidates qualifying the training program would be awarded a 'Certificate'