

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:- /03/2025

## **NOTICE**

**SUBJECT:- DESIGN OF WATER BASED FIRE PROTECTION SYSTEM COURSE**

**RESCHEDULED PERIOD :-5<sup>th</sup> May to 9th May -2025 (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 5th May to 9th May 2025 (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.([nfscnagpur@gmail.com](mailto:nfscnagpur@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 **25<sup>th</sup> April 25**, positively by email [nfscnagpur@gmail.com](mailto:nfscnagpur@gmail.com).

The final list of selected candidates shall be displayed on College website ([www.nfscnagpur.nic.in](http://www.nfscnagpur.nic.in)) by **28<sup>th</sup> April 25**.

**DIRECTOR**

**DESIGN OF WATER BASED FIRE PROTECTION SYSTEM COURSE**

**FROM 5th May to 9th May -2025**

**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 Details SBI Collect E-Challan 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**

**5th May to 9th May -2025 (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:**

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

