

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



GOVERNMENT OF INDIA  
MINISTRY OF HOME AFFAIRS  
**NATIONAL FIRE SERVICE COLLEGE**

राजनगर, नागपुर -440013



Rajnagar, **NAGPUR - 440 013**

Telephone- No. 0712-2982225 website:- npscagnpur.nic.in, email:- ao.npscagnpur-mha@nic.in

NO. FC/ESTT/3-3/2025-26

Dated:- March, 2026

To

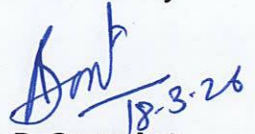
The Under Secretary (DM-II)  
Government of India,  
Ministry of Home Affairs,  
Disaster Management Division  
C-Wing, 3rd Floor, NDCC-II,  
Jai Singh Road  
**New Delhi- 110001**

**Subject:- Annual Report of the Ministry of Home Affairs for the year 2025-26 -regarding .**

Sir,

I have the honour to refer MHA's OM No. C-19012/1/2026-V.C. dated February, 2026, on the subject mentioned above and to forward herewith the Annual Report up to the period ending 31<sup>st</sup> December, 2025 in r/o this College.

Yours faithfully

  
(Dr. A.R. Sontake)  
Director

**Encl.:- As above**



## Annual Report 2025-26

### National Fire Service College, Nagpur

#### **1. Introduction:**

The National Fire Service College (NFSC), Nagpur, established in 1956, is a premier institution under the Ministry of Home Affairs, Government of India, dedicated to capacity building of fire service personnel across the country. The College plays a pivotal role in strengthening the capabilities of State Fire Services by imparting advanced education and specialized training in fire science, fire prevention and protection, fire-fighting and rescue operations, emergency management, and fire investigation.

NFSC holds a unique distinction as the only institution in India offering a B.Tech. degree in Fire Engineering, approved by the AICTE and affiliated with RTM Nagpur University. The program is designed to develop competent fire engineering professionals capable of safeguarding life, property, and critical infrastructure through scientific understanding of fire dynamics, risk assessment, and modern fire protection technologies.

The College is committed to promoting uniformity and professionalism in fire services across the country through structured training, standardized practices, and policy-level contributions. Its academic and training framework emphasizes practical exposure, scientific investigation of fire incidents, and adoption of modern technologies to prevent recurrence of fire disasters.

Spread across a sprawling 43-acre campus, NFSC has developed state-of-the-art infrastructure to simulate real-life emergency scenarios. The College houses thirteen advanced laboratories supporting education, testing, and research in fire engineering and technology. These include facilities for fire resistance testing, evaluation of fire protection systems such as sprinklers, water mist systems, and gaseous suppression systems, among others.

Through its sustained efforts in education, training, research, and advisory services, NFSC continues to enhance the knowledge, skills, and operational readiness of fire service professionals. The institution remains committed to reducing loss of life and property due to fires and contributing to a safer and more resilient nation.

#### **2. The year 2025:**

During the period the college conducted Academic, Training and Short Term Courses for the young aspirants in B. Tech. (Fire) and fire service officers from various Central/ States/ UTs etc. The details are as follows:

##### **Regular Program:**

Sr.	Name of the program	No. of participants
1	29 <sup>th</sup> , 30 <sup>th</sup> , 31 <sup>st</sup> & 32 <sup>nd</sup> Batch of B. Tech (Fire Engg) (4 Years)	274
2	80 <sup>th</sup> & 81 <sup>st</sup> Divisional Officers Course	77
3	90 <sup>th</sup> , 91 <sup>st</sup> & 5 <sup>th</sup> (External) Station Officers & Instructors Course	170
4	98 <sup>th</sup> & 99 <sup>th</sup> Sub-Officers course at NFSC	79
5	53 <sup>rd</sup> & 54 <sup>th</sup> External Sub-Officers course at RTC	785

##### **Short Term Courses:**

Sr.	Name of the program	No. of participants
1	National Building Code (NBC)	38
2	09 <sup>th</sup> Urban Search & Rescue Course (USAR)	13
3	Self Content Breathing Apparatus Course (BA)	22
4	Design of Water Based Fire Protection System Course	12
5	Hazmat Specialist Course	12
6	Orientation Course on Hydraulic Platform	25
7	Scientific Investigation of Fire & Arson Scene A Forensic Approach	79

### 3. **Standardization & Policy Initiatives:**

To bring uniformity in State Fire Services across the country and to ensure quality in fire training & education across institutions, two comprehensive reports were prepared under the chairmanship of Dr. A. R. Sontake, Professor, NFSC:

- (i) Uniform Cadre Structure and Recruitment Rules (RRs) for Fire Services in India, and
- (ii) Accreditation and Recognition of Fire Training Centres by NFSC.

Both reports were submitted and approved during the 45th Standing Fire Advisory Council (SFAC) Meeting, held from 9–11 April 2025 at Hyderabad.

- **Student Innovation & Engagement:**

Two student-led clubs—SAFER (Science, Advanced Fire Engineering & Robotics) and DRR (Disaster Risk Reduction)—were established on 01 September 2025 to foster a culture of science, technology, innovation, and social responsibility among students.

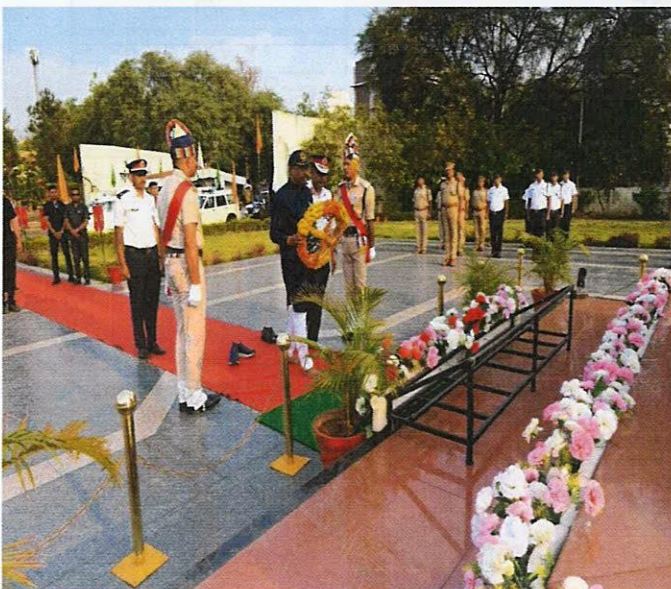
- **Research & Publications:**

A total of sixteen technical papers, authored by B.Tech (Fire Engineering) students and faculty, were published in peer-reviewed international journals, highlighting NFSC's growing contribution to global research in fire engineering and technology.



### 4. **Observing of Fire Service Week on 14<sup>th</sup> April, 2025.**

Fire Service Week 2025 was observed in NFSC with the objective to create awareness among public and fire professionals about fire safety. Honouring our heroes: A solemn Pin Flag and Wreath Laying Ceremony was held today, 14th April (Fire Service Day), at the NFSC Martyrs Column to commemorate the ultimate sacrifice of our brave firefighters. Hon'ble Revenue Minister (Maharashtra) Shri Chandrashekhar Bawankule paid tribute by laying the wreath in the presence of Professor Dr A.R. Sontake, Director NFSC Shri N.B. Shingane and other dignitaries. The day is observed to commemorate the martyrdom of brave fire fighters who laid down their lives on April 14<sup>th</sup>, 1944, in Bombay Dock Explosion. Various activities were also conducted in the week in which officers, staff, trainees and students enthusiastically participated to make the week successful.



**5. Workshop on "Manifestation of Resilience in Young Minds against Disaster Mitigation on Fire Safety & Disaster Management".**

Inaugural Ceremony glimpses of "Manifestation of Resilience in Young Minds against Disaster Mitigation on Fire Safety & Disaster Management" on 26th April, 2025 in presence of Hon'ble Chief Guest Shri Vivek Srivastava, IPS DG-FS,CD&HG, Professor Dr. A. R. Sontakke, Director Sh Nagesh Shingane, NDMA Senior Advisor Sh Amit Tuteja and DMC Sh Nitesh Bambore. Hon'ble Chief Guest also unveiled Chhatrapati Shivaji Maharaj "Agnya Patra" on Fire Safety at NFSC Auditorium.

The workshop was organized in collaboration with DDMA Nagpur for school teachers and administrators on awareness among students about fire safety and disaster management.



**6. "NFSC shines at Delhi Fire Games 2025!"**

Proud of our champions:

Badminton (2 Gold) – Neelam Rathore (2nd Yr)

Athletics (Bronze, 1500m) – Shivani (2nd Yr)

Table Tennis (Bronze) – Rudra (2nd Yr), Ansh Dhanvij (1st Yr)

Muster (Bronze) – Pavan, Shantanu, Shivraj, Vijay, Aayush, Rohan (3rd Yr)

Congratulations!



7. **"NFSC Deekshant Parade 2025" On 2nd June 2025**

NFSC proudly celebrated the Deekshant Parade of the 4th Year B.Tech. (Fire Engineering) batch, marking the successful culmination of 4 years of rigorous training. The Hon'ble Director General-FS,CD&HG, Shri Vivek Srivastava, IPS, graced the event as Chief Guest, inspiring the graduates to carry forward their commitment to discipline, service, and continuous learning. With new infrastructure initiatives and a future-ready outlook, NFSC stands committed to shaping skilled fire safety professionals for a safer nation



8. **World's Environment Day 05<sup>th</sup> June, 2025.**

NFSC proudly planted 100 trees within our campus, reinforcing our commitment to a greener and safer tomorrow.

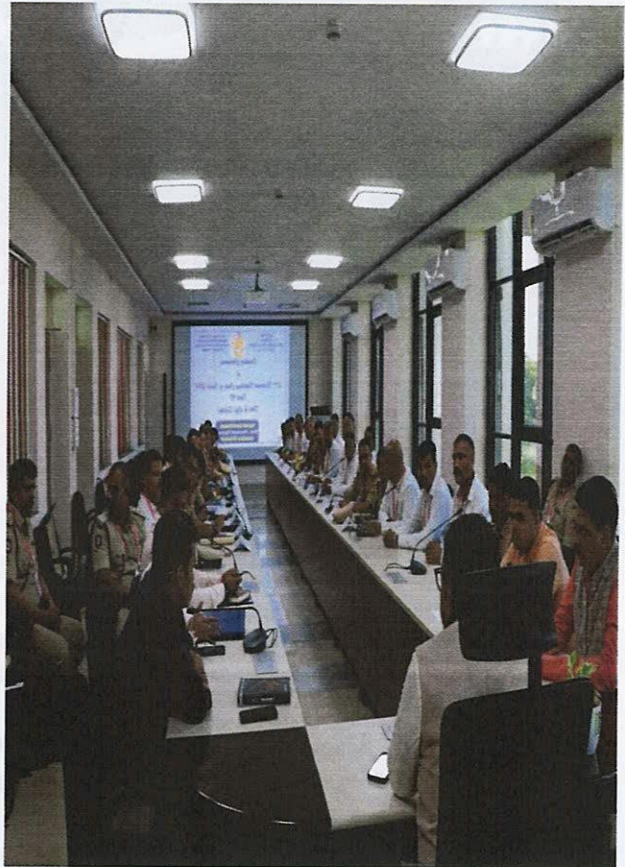


9. **NBC Part 4 2016 two-week short-term course, which began on June 2nd, 2025.**

Glimpses from the opening ceremony of the NBC Part 4 2016 two-week short-term course, which began on June 2nd, 2025. This program is designed to upscale the knowledge of Fire Professionals from various fire service organizations in understanding Building Fire Safety thus contributing to a fire safer nation!

The opening ceremony was conducted in presence of Respected Professor Dr. A.R. Sontake, Director Shri NB Shingane, Assistant Directors Shri Gagan Upadhyay, Shri Dharmendra Pal, Mrs Vaishali Singh and Shri Parshant Kumar (Course Coordinator).

The program includes lectures from experts and field visits of well developed establishments.



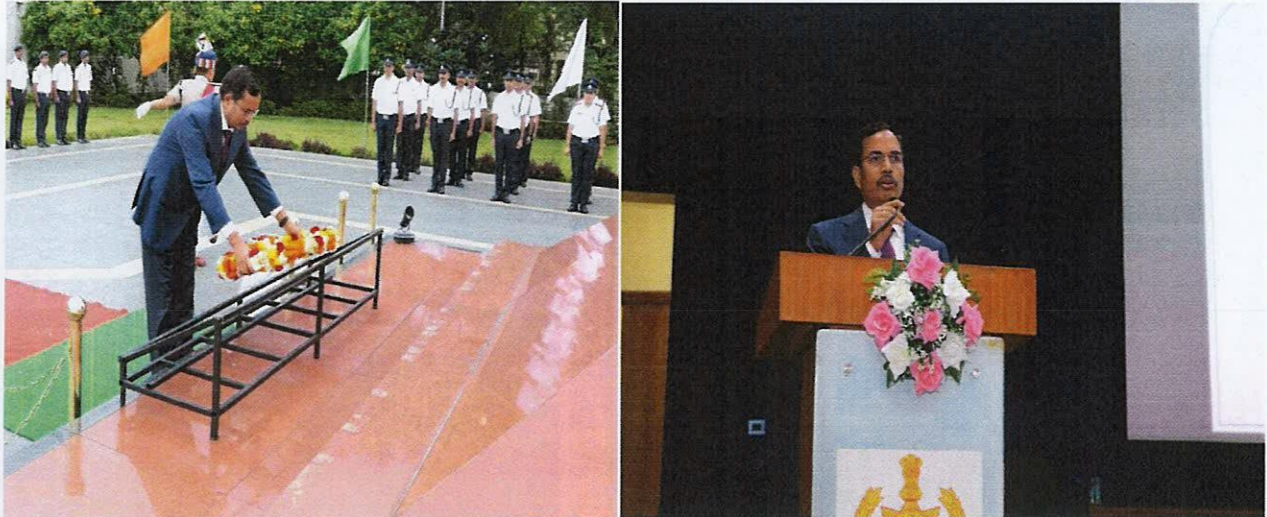
10. **International Yoga Day on 21.06.2025.**

राष्ट्रीय अग्निशमन सेवा महाविद्यालय के अधिकारियों एवं कर्मचारियों ने योगाभ्यास कर 11 वां अंतर्राष्ट्रीय योग दिवस मनाया। योग को अपने जीवन का हिस्सा बनाए और स्वस्थ जीवन का आनंद लें।



**11. International Conference on Disaster Resilience: Community-Based Systems to Save Lives and Preserve Health:**

Honorable Director General FS,CD&HG- Sh. Sunil Kumar Jha, IPS paid his maiden visit to NFSC after assuming charge. During the visit on 29th July 2025, he paid a solemn tribute to the martyred firefighters at the Martyr's Column and interacted with officials, staff, trainees, and students. He also reviewed the infrastructure, including the Laboratories, Library, Hostel, Fire Ground, Old NFSC Campus, and witnessed a live fire demonstration showcasing operational preparedness and training excellence.

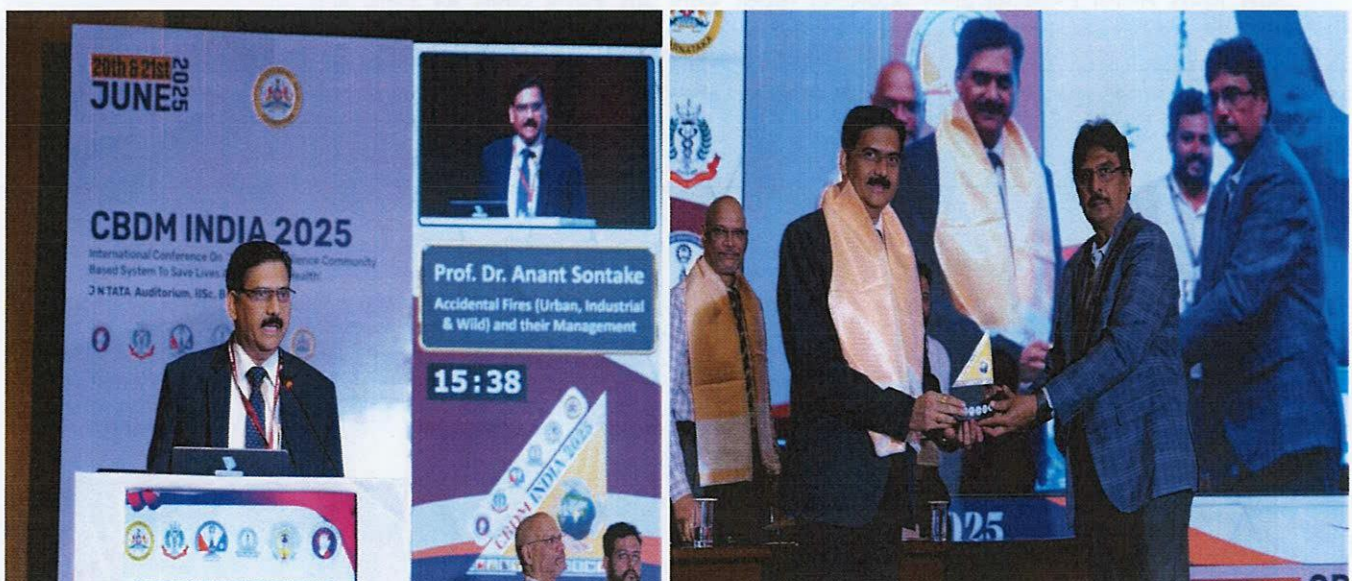


**12. International Conference on Disaster Resilience: Community-Based Systems to Save Lives and Preserve Health:**


Dr. A. R. Sontake, Professor at the National Fire Service College (NFSC), presented a technical paper titled “Accidental Fires (Urban, Industrial, and Wild) & Their Management” at CBDM INDIA-2025, held at IISc Bangalore, during the International Conference on Disaster Resilience: Community-Based Systems to Save Lives and Preserve Health.

Key Points Covered-Urban Fires: Threats in densely populated areas, Industrial Fires: Risks from unsafe operations and materials

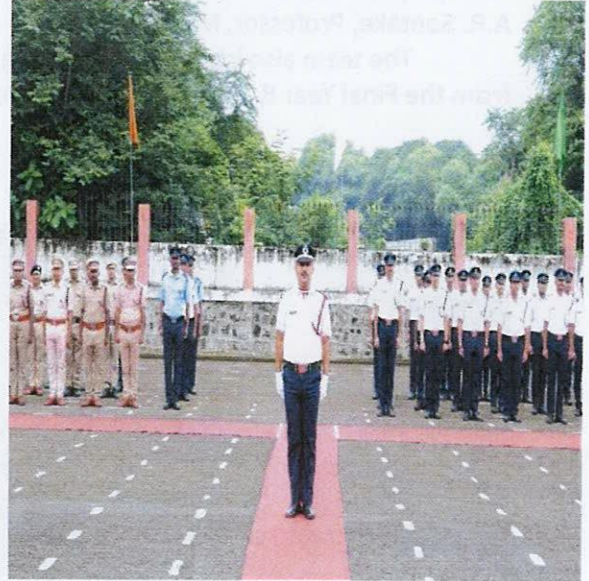
Wildfires: Rising challenges due to climate and human activity, Wildland-Urban Interface (WUI).Solutions Discussed-Early warning and risk assessment, Community participation and policy support, Fire-resistant materials, fire protection system and effective response protocols, Emergency Response & Strategies etc. NFSC’s participation highlights its continued role in advancing global resilience and fire safety initiatives.



### 13. 79<sup>th</sup> Independence Day celebration on 15.08.2025:

 NFSC Celebrates India's 79th Independence Day with Pride & Achievements

The National Flag was proudly hoisted by Director Shri N.B. Shingane at NFSC, Nagpur, marking the nation's 79th Independence Day with patriotic fervour. Since 1956, NFSC has produced 23,761 trained firefighting professionals — from Sub Officers to B.Tech graduates — safeguarding lives & property across India and beyond. This year saw rapid result declarations of Professional Courses within 7 days, specialized workshops, collaborations with NDRF, MoEFCC & NIDM, and winning laurels at Delhi Fire Games 2025. With modern facilities, a global footprint, and unwavering commitment to safety, NFSC remains a beacon of excellence in disaster management & firefighting training.



### 14. हिंदी पखवाडा 2025:

हिंदी पखवाड़ा एवं समारोह का आयोजन कार्यालय के हिंदी विभाग द्वारा प्रभारी अधिकारी श्रीमती वैशाली सिंह, सहायक निदेशक के नेतृत्व में किया गया।

समापन समारोह में माननीय मुख्य अतिथि मा. प्रोफेसर डॉ. ए. आर. सोनटके और निदेशक श्री एन.बी शिंगणे की उपस्थिति में समापन हुआ। समारोह में हिंदी क्षेत्र में कार्यालय के उल्लेखनीय योगदानकर्ताओं और प्रतियोगिता विजेताओं को सम्मानित किया गया।



### 15. NFSC Students Shine at International Conference:

NFSC students proudly presented technical papers at the International Conference “Fire India 2025”, held at the Bombay Exhibition Centre, Mumbai. The central theme of the conference was :“Technological Advancements in Fire Prevention: Harnessing Drones and Digital Solutions for Enhanced Capacity Building and Community Outreach.” This distinct participation reflects the vibrant academic and research culture now thriving at NFSC, Nagpur where students are actively engaged in innovative projects, presentations, and capacity-building activities.

During Technical Session – VI: Next-Generation Paradigms in Fire Prevention & Protection, a group of Final Year B.Tech (Fire Engineering) students from NFSC, led by Mr. Satyam Pathak, presented their project: “An Innovative Solution for Firefighter Life Safety,” carried out under the guidance of Dr. A.R. Sontake, Professor, NFSC (MHA, GoI).

The team also included Mr. Anurag, Mr. Atul Yadav, Mr. Aryan Wanjari, and Mr. Gaurav Tiwari from the Final Year B.Tech (Fire Engineering) program of NFSC,Nagpur.



### 16. NFSC Nagpur Team Granted International Patent!

A research team led by Dr. Anant R. Sontake, Professor, National Fire Service College (NFSC), Nagpur, Ministry of Home Affairs, Government of India, has been granted an International Design Patent for their ground-breaking innovation — “An Integrated Real-Time Vital Signs Monitoring System for Firefighters.” This pioneering device continuously monitors vital health parameters such as blood pressure, body temperature, pulse rate, and moisture levels of firefighters during operations. It alerts the commander whenever any value crosses critical thresholds, enabling timely action to safeguard firefighter’s life during rescue and firefighting operation. The project team comprises Satyam Pathak, Anurag, Atul Yadav, Aryan Wanjari, and Gourav Tiwari, final-year students of B.Tech (Fire Engineering) at NFSC, Nagpur.



**17. Observance Of Vigilance Awareness Week 202:**

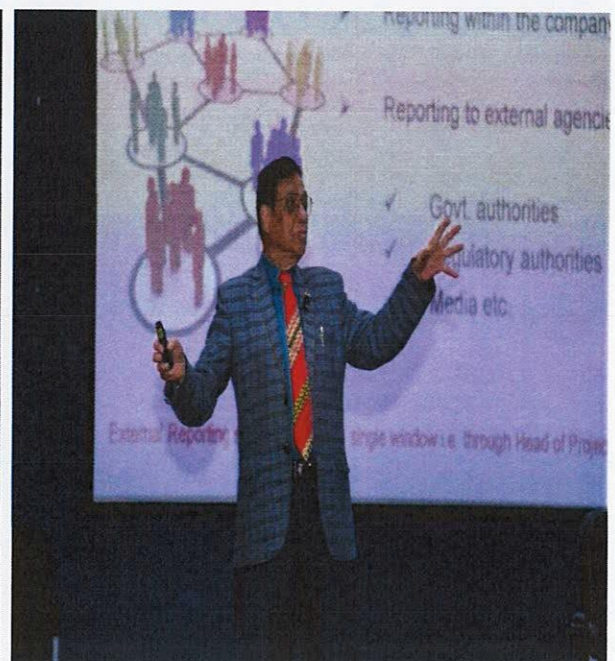
Observing Vigilance Awareness Week at NFSC, Nagpur — Faculty, officers, and staff members took the Integrity Pledge, reaffirming their commitment to transparency, honesty, and ethical conduct in all spheres of work.



**18. Workshop on “Fire Safety and Disaster Management in Oil and Gas Sector” from 10th–11th November 2025:**

NFSC, Nagpur is conducting a Two-Day National Workshop on “Fire Safety and Disaster Management in Oil and Gas Sector” from 10th–11th November 2025, in collaboration with Oil Industry Safety Directorate (OISD), MoPNG.

A meaningful start to a workshop dedicated to enhancing safety and resilience in the vital oil and gas sector!



### 19. Academic Engagement & Strategic Collaboration:

NFSC participated as an invited expert in a GIAN-approved programme on Fire Dynamics & Safety at a premier IIT in December 2025. The engagement included academic interactions with leading national and international institutions, including New York University (NYU), and initiated collaboration with stakeholders under the National Green Hydrogen Mission in areas such as fire and explosion risk assessment, hydrogen safety, emergency preparedness, and integration of fire safety in design, thereby strengthening NFSC's role in advanced research and national capacity building.

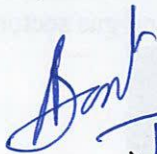


### 20. Campus Placement

The students of final year B. Tech. (Fire Engg.) have been selected in various Companies like, Indraprastha Gas Ltd., HINDALCO, RELIANCE, Vedanta, Cairn Oil & Gas, Nayra Energy, BPCL and Haldia Petrochemical Ltd etc. through campus placement.

### 21. Staff Strength and Budget

At present the college staff position is 78 against the total sanctioned strength of 117, with annual budget allocation of Rs. 29.42 Crore.

  
18.3.26  
(डॉ० ए. आर. सोनटके)  
निदेशक