



# **COURSE REPORT**

**Two Week Offline Training  
on**

**“Forest Fire Prevention and Mitigation Strategies”  
for**

**National Disaster Response Force (NDRF) 15 Battalion  
06<sup>th</sup> to 18<sup>th</sup> February 2023**



**Central Academy for State Forest Service, Dehradun  
Ministry of Environment, Forest & Climate Change  
Government of India**

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## **EXECUTIVE SUMMARY**

Fires are integral to forests since ancient times as they have shaped their structure, composition, and functions. More than 95% of Forest fires in India are man-made and pose enormous threats with colossal negative consequences on the survival of natural flora and fauna and subsequently human beings themselves.

Prevention and control of forest fire assumes an important aspect in management of forests. Forest fires are traditionally managed by State Forest Departments by involving the forest personnel, seasonal fire watchers and local communities. With increasing frequency and duration of forest fires, it becomes imperative to develop a comprehensive forest fire strategy to transform forest fire management of our Country's diverse forests - more resilient to the threats and impact of forest fires in the future.

As a part of this strategy, the National Disaster Management Authority (NDMA), Ministry of Home Affairs, Govt. of India, in collaboration with the Ministry of Environment, Forest & Climate Change (MoEF&CC), Govt. of India devised a specialized training programme to train the National Disaster Response Force (NDRF) Battalions of the Country in Forest Fire Prevention and Mitigation Strategies and engage them for Forest Fire control measures in future. The Central Academy for State Forest Service (CASFOS), Dehradun under the aegis of the MoEF&CC has been assigned the responsibility of conducting a specialized two-weeks training to NDRF 15<sup>th</sup> Battalion, Dehradun to this effect from 6<sup>th</sup> – 18<sup>th</sup> February 2023.

This training program was customized over consultations with the NDRF to best suit the training needs of the battalion in terms of imparting basic understanding the science of forest fire, techniques, use of tools, operational strategies, and management of forest fires, together with hands-on practice and field demonstrations and rounds of mock-drills (both day and night mock drills). During the first week, classroom-based lecture sessions coupled with field visits and demonstration sessions were conducted in Dehradun and Mussoorie Forest Divisions followed by a weeklong mock field drill at Mussoorie Forest division and Narendra Nagar Forest division.

The training program was inaugurated online through a common inaugural session organized at CASFOS, Dehradun on hybrid mode in which Director -IGNFA, Director General-NDRF, Director-Directorate of Forest Education, PCCF- Uttarakhand, Principal-CASFOS Coimbatore and Dehradun and all the faculty members of both the CASFoS etc attended.

Fifty NDRF personnel from their 15<sup>th</sup> battalion, Dehradun attended the training Program. The participants who participated in this training programme included Officers from various Ranks such as Two Assistant Commandants, four Inspectors, Four Sub-Inspectors, Twelve Head Constables and twenty-eight Constables.

The topics covered during the first week of the training program i.e from 6-12 Feb, 2023 were Organization Structure in Forest Department, Forest types of Uttarakhand, Forest Fire Scenario (India & Uttarakhand), Types of Forest Fire, Types of fuels (Chir pine, Sal, Grasses, scrubland), Information network (Terrain, road network, local geography, Fire weather, Fire behaviour, Forest Fire Traditional Management (Direct attack, Indirect attack, Mop-up operations), Introduction of firefighting tools and equipments, Demonstration of various modern firefighting tools & equipments, Map reading, GPS navigation, FSI Forest Fire Alert System, People participation in various forestry activities, Role of local communities in Forest Fire Management (Case study Uttarakhand & Maharashtra) Fire hazard and safety measures, First aid measures during firefighting and Best practices in fire management across world (Fire retardants, drones, Thermal scanners, Fire balls, thermal blankets, fire shelters). The first week also included various practical and hands on session in and around FRI at various places of Dehradun and Mussoorie Forest Divisions like Demonstration of firefighting equipments, Forest Fire Traditional Management (Direct remedial methods, Indirect remedial methods, Mop-up operations), Practicals on Forest Fire Alert System, Field visit to Barkot Range to witness fire lines, Practicals on first aid/fire safety measures, Visit to Master Fire control room, etc

The week-long field exercises from 13.2.23 to 18.2.23 included field visit to two forest divisions namely Mussoorie Forest Division and Narendra Nagar Forest Division. Forest Fire Fighting mock drill exercises (both day and night drills) in the pine forest, utility of Firelines in fire control, the direct attack & counter fire burning operations in restricting the spread of Forest Fire were imparted during the field exercises.

The valedictory program was conducted on 18.2.23 at Dehradun in which the Course director conducted the programme and the participants of the training programme shared their valuable feedback about the training programme. Valuable remarks were shared by Mr Bharat Jyoti IFS, Director IGNFA, Director DFE Mr Anurag Bharadwaj, IG NDRF Mr Bundela, and CCF Fire cell Mr Nishant Verma. The participants were awarded certificates of participation on their successful completion of the two weeks training programme.

The trainees were also provided with a user-friendly **“Field manual on Forest Fire Prevention and Mitigation Strategies”** which was prepared based on the inputs provided during the training along with the Copies of presentation made by the experts during the two weeks training programme.

## Course Report

MoEF&CC /DFE's letter number and date		4-191/प्रशि. 1 /वि.शि.नि.-2022 / 4254 दिनांक 01 फरवरी 2023
Institute's reference number		File No. 4-132/TRG.II/NDRF-I/CASFOS/2022-23/7071, Dt. 30.01.2023
1.	Name and complete address of the Institute (including phone, fax, and e-mail)	Central Academy for State Forest Service, Dehradun Ph: 01352-2754575/2754648 Email-casfos.dd-mef@gov.in
2.	Title of the course	Forest Fire Prevention and Mitigation Strategies
3.	Duration & period of the Course	Two-weeks 06 <sup>th</sup> to 18 <sup>th</sup> February, 2023
4.	Name & designation of the Course Director	Dr. T. Beula Ezhil Mathi, IFS
5.	Number of officers participated	50 (Details at <b>Annexure-IV</b> )
6.1	(a) Did the institute get in touch in advance with the participants of the course?	Yes
	b) If yes, when (mention the date of communication to the officers)?	11.10.2022
	(c) Details of nomination received from States prior to the Course	50
	(d) How many officers received the intimation?	All
	(e) How many officers responded?	50
6.2	(a) Were the course expectations of the participants ascertained by the institution?	Yes
	(b) If yes, how, and when (dates)?	By direct interaction and in form of feedback on prescribed proforma collected during the course
7.1	a) Was the course conducted at the institution's campus? If no, where?	Yes
	(b) Whether the course was "residential" or non-residential. If residential, whether the residential facilities were provided in the institution's own hostel or in a hotel etc.?	Residential, but the residential accommodation was provided by the NDRF at their own base camp.
7.2	(a) Total no. of working days in the course	14 days
	(b) Total no. of sessions planned/covered in the course	17 Session (including inaugural and valediction sessions)
	(c) No. of sessions, which could not be conducted as planned with reasons	NIL
	(d) Internal faculty hours	-
	(e) Guest faculty hours	45 mts
	(f) No. of days / hours spent on field visit(s) if any	07 days
Enclosure (2 copies each): - Final course timetable - List of faculties (both in-house and guest faculty) - Final list of participants - The background material supplied to the participants		

8	(a) Had the same or similar course been conducted earlier under the sponsorship of the MOEF&CC/Department of Personnel and Training (Government of India)?	No
	(b) What changes based on the feedback received in the previous course were made in the current course?	-
9	Evaluation Report received from current course participants in terms of: (*1.1, 2.1, shown below refer to question number in Part C or Part E of the Evaluation Report.)	
9.1	Course Content and Structure (CCS)	The course contents and the structure were reported to be very relevant and highly appreciated by the participants with the rating of <b>92.16%</b> . The course has met the expectations of the participants as per their feedback.
9.2	Training Faculty (TF)	The participants have rated the training faculty at more than <b>96.18%</b> Training faculty and their lectures were highly appreciated by the participants.
9.3	Usefulness of the course (UOC)	The participants have given feedback that the training course will be highly useful immediately and in future for their job with combined rating as <b>99.00%</b>
9.4	Overall impression about the Course (OIC)	The participants have given feedback about overall impression of the course was very good with rating <b>92.50%</b>
9.5	Participants' views about the strengths and weaknesses as well as other aspects pertaining to the course	Overall, the participants have appreciated the course. The suggestions made by them along with Academy's comments are attached. ( <b>Annexure-1</b> )
9.6	Logistics (including Residential accommodation, Food quality, Classroom facilities, Computer facilities and Recreation facilities and Time management etc.)	The internet connectivity was very good throughout the training program and was rated as ( <b>95.94%</b> )
9.7	Weighted Average of the course	The weighted average of the course has been rated as <b>94.90%</b> which is found to be very satisfactory
10	General remarks of the Course Director on the nature and extent of participant's involvement in the course including attendance punctuality and interest evinced	The participants showed keen interest and attended the sessions with due punctuality.
11	Suggestion highlighting the areas of improvement in the Course for future by Course Director	The training received a very positive response in all aspects such as Course contents, Topics, Choice of speakers, and Components of Field visits, Field demonstrations & Mock drills. The Two weeks training for NDRF battalion was first of its kind and was designed and executed at a shorter notice. For future training programs of similar nature, the Course can still be customized to ten days with eight-day schedule for field visits and field mock drill exercise components. Sufficient sets of Forest Fire equipments may be procured and kept ready for future training programs.
12	Comments of the Institution on how the feedback is proposed to be recycled into future programmes in terms of course content, methodology, etc.	The Training was a learning reference for the Academy and faculty also to Co-ordinate with Forest Department and other departments. The NDRF Personnel received the training with good

		attention and the feedback received was very positive. We could customize the module for different Stake holders.
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(Dr. T. Beula Ezhil Mathi, IFS)  
Course Director

Counter sign  
Principal

**Course Director's comments on  
Participants' views about the strengths and weakness pertaining to the course**

<b>S. No.</b>	<b>Participants' views</b>	<b>No. of participants who have expressed the view</b>	<b>Course Director's Comments</b>
<b>1</b>	The Conventional and traditional methods and technique are more appropriate and useful in Indian senario as compared to best practices around the world which are basically hi-tech oriented.	1	The course structure was planned to suit the local conditions and hence the comments
<b>2</b>	मास्टर ट्रेनर स्तर का एक सप्ताह का प्रोग्राम कराया जा सकता है।	1	The suggestion is well noted and would be forwarded to the authorities
<b>3</b>	Advance Equipments should be with Advance Course	2	The suggestion is well noted for the advance course if conducted
<b>4</b>	कोर्स की अवधि 28 दिन की होनी चाहिए।	1	The suggestion is well noted and would be forwarded to the authorities
<b>6</b>	वन के बारे मे लोगों को अधिक से अधिक जागरूक करना चाहिए।	1	The suggestion is well noted
<b>7</b>	कोर्स से संबंधित बैच सभी प्रशिक्षु को दिये जा सकते है।	2	The suggestion is well noted and would be forwarded to the authorities



### Numerical value of feedback and Weighted Average

For calculation of numerical value of feedback, each factor is valued as percentage value to the top grade given to the factor. If no answer is provided, it is excluded from calculation. (Cf; where number of grade is 4, percentage value be 100, 75, 50, 25)

Average of numerical value of factors consisting of the element is a numerical value of the element.

#### 1. Course Content and Structure (CCS) = 92.16

- 1.1 Course aims met (86.73)
- 1.2 Increase of knowledge (92.50)
- 1.3 Relevance of content (94.90)
- 1.4 Reading Material (94.50)

#### 2. Training Faculty (TF) = 96.18

##### 2.1 Assessment of the Course contents/topics = 96.18

- Contents (97.11)
- Presentation (95.12)
- Quality of Discussion/Interaction (95.89)
- Meeting for Objectives (96.62)

##### 2.2 Assessment of the Field Visit = 96.36

- Contents (96.08)
- Meet for Objectives (96.63)

#### 3. Usefulness of the Course (UOC) = 99.00

- 3.1 How useful to you immediately (100)
- 3.2 How useful to be for the future jobs (98.00)

#### 4. Overall Impression about the Course (OIC) = 92.50

#### 5. Logistic = 95.94

- 5.1 Food quality (93.50)
- 5.2 Classroom facility (99.11)
- 5.3 Time management (95.20)

### Weighted Average for the Course

For calculation of Weighted Average (WA), following formula is used.

$$\text{WA} = (\text{CCS (100\%)} + \text{TF (100\%)} + \text{UOC (75\%)} + \text{OIC (100\%)} + \text{L (75\%)} * 100/450$$

$$\text{WA} = (92.16 + 96.18 + 74.25 + 92.50 + 71.95) * 100/450$$

$$= 94.90\%$$



Inaugural Address by the Chief Guest Mr. Bharat Jyoti, IFS, Director, IGNFA, Dehradun



Opening Remarks by Smt. Meenakshi Joshi, IFS, Principal, CASFOS, Dehradun



Brief description about the course by Dr. T. Beula Ezhil Mathi, IFS, Course Director



Lecture session by Mr. Nishant Verma, IFS, CCF, Uttarakhand



Lecturer session by Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun





Lecturer session by Mr. Bharat Singh, ACF (Retd.), Dehradun



Lecturer session by Sh Vaibhav Singh (IFS), DFO, Tarai Central, Rudrapur, UKFD



Lecturer session by , Ms. Vijaya Ratre (IFS), FRI, Dehradun



Practical Field Demonstration of Modern Firefighting Tools



Lecturer session by Sh Ashutosh Singh (IFS), DFO, Mussoorie



Lecturer session by Dr. Sivabala S. (IFS), Assoc. Prof., IGNFA



Practical Field Demonstration of Modern Firefighting Tools and Equipments was conducted at Jhajra Range



Practical visited Barkot Range of Dehradun Forest Division to witness fire lines.



Camping & Field Visit (Mock Drills for mitigation of forest fire): Mussoorie FD & Narender Nagar FD



### Details of Topics & Resource Persons

Sl. No.	Topic	Name	Contact No.	E-mail
1.	Organization Structure in Forest Department	Mr. Nishant Verma, IFS, CCF, Uttarakhand	8826390808	nodalforestfire.uk@gmail.com
2.	Forest types of Uttarakhand Forest Fire Scenario (India & Uttarakhand)			ccf_wp_uta@yahoo.co.in
3.	Types of Forest Fire Types of fuels (Chir pine, Sal, Grasses, scrubland)	Mr. Vaibhav Singh, DFO, DFO, Tarai Central Rudrapur, UKFD	9412839179	
4.	Information network (Terrain, road network, local geography)			
5.	Group formation	Dr. T. Beula Ezhil Mathi, IFS, CASFOS, Dehradun	7579002412	tbeulabala15@gmail.com
6.	Fire weather, Fire behaviour	Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun	9412052007	dhawanvk@rediffmail.com
7.	Forest Fire Traditional Management (Direct attack, Indirect attack, Mop-up operations)	Mr. Bharat Singh, ACF (Retd.), Dehradun	9412053091	bhacha2000@gmail.com
8.	FRI and Fire Fighting	Ms. Vijaya Ratre, IFS, DFO, FRI, Dehradun	7697602322	
9.	Introduction of firefighting tools and equipments, Demonstration of various modern firefighting tools & equipments	Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun	9412052007	dhawanvk@rediffmail.com
10.	Demonstration of firefighting equipments, Forest Fire Traditional Management (Direct remedial methods, Indirect remedial methods, Mop-up operations)	Mr. Bharat Singh, ACF (Retd.), Dehradun	9412053091	bhacha2000@gmail.com
		Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun	9412052007	dhawanvk@rediffmail.com
11.	Map reading, GPS navigation (T&P)	Team FSI & Mr. Ankit Gupta, Scientist-C, CASFOS, Dehradun	9717488313	
12.	FSI Forest Fire Alert System			ankit.gupta18@gov.in
13.	Practicals on Forest Fire Alert System			
14.	People participation in various forestry activities, Role of local communities in Forest Fire Management (Case study Uttarakhand)	Mr. Ashutosh Singh, IFS, DFO, Mussoorie Forest Division	7579135375	
15.	Case studies and panel discussion on people participation in Fire Management across India (Maharashtra)	Mr. Sivabala S., IFS, Associate Professor, IGNFA, Dehradun	7579008479	vetbala@gmail.com
16.	Field visit to Barkot Range to witness fire lines	Mr. Bharat Singh, ACF (Retd.), Dehradun	9412053091	dhawanvk@rediffmail.com



		Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun Mr. Pradeep Wahule, IFS, CASFOS, Dehradun	9412052007 9412070660	
17.	Fire hazard and safety measures	Mr. R.S. Khati, Chief Fire Officer, Fire Service, Dehradun	7906793364	
18.	First aid measures during firefighting Medical assistance during firefighting			
19.	Practicals on first aid/fire safety measure			
20.	Best practices in fire management across world (Fire retardants, drones, Thermal scanners, Fire balls, thermal blankets, fire shelters)	Mr. Vaibhav Singh, DFO, Tarai Central Rudrapur, UKFD	9412839179	
21.	Mobilization and coordination of NDRF, SDRF, SDMA and Forest Department	Mr. Nishant Verma, IFS, CCF, Uttarakhand	8826390808	nodalforestfire.uk@gmail.com
22.	Field Visit: Master control room, Malsi, Mussoorie Forest Division, Fire Danger Rating, Forest types, Terrain exposure, Local interaction with Forest staff	Mr. Bharat Singh, ACF (Retd.), Dehradun Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun Dr. T. Beula Ezhil Mathi, IFS, Lecturer, CASFOS, Dehradun Mr Chetri, Forester	9412053091	
			9412052007	dhawanvk@rediffmail.com
			7579002412	tbeulabala15@gmail.com

## Details of Participants

S. No.	Name of Participants	Rank	Email Id	Mobile no
1.	Ajay Pant	AC/GD	ajaypant1974@gmail.com	7300805734
2.	Praween KR. Ojha	AC/GD	ppp.sia@gmail.com	8057774151
3.	Manjit Singh	INSP/GD	kumarmanjit46@gmail.com	9996168089
4.	Dheerendra Singh Rawat	INSP/GD	dheerendrarawat@gmail.com	7838478847
5.	Kanishka Pangti	INSP/GD	kanishkapangti101@gmail.com	7060008828
6.	Sanjay Kumar	INSP/GD	sisanju1283@gmail.com	7001379463
7.	Gajraj Singh	SI/GD	rajkumarsingh12014@gmail.com	8279771582
8.	Arun Kumar	SI/GD	arun.savita.yadav@gmail.com	8077887901
9.	Ravinder Kumar	SI/TELE	rkravinder821@gmail.com	7404343556
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24.	Devender Singh Bora	CT/GD	-	6399283122
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	Chik Baraik			
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40.	Abhilash Rohalan	CT/GD	abhirohlan@gmail.com	9996882190
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43.	Mamraj Singh	CT/GD	mamrajsinghchauhan96@gmail.com	9997291604
44.	Gajendra Lal	CT/GD	gajendrasingh2372@gmail.com	9410312832
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46.	Kirti Dhar Joshi	HC/MED	kirtidhar2008@gmail.com	8979635806
47.	Mukesh Kumar	HC/MED	www.mukeshdhapwal07@gmail.com	9557064540
48.	Kirori Lal	HC/DVR	kirorilal1979@gmail.com	9306367050
49.	Jarnail Singh	HC/DVR	js0913238@gmail.com	8136088900
50.	Ajay Pal Singh	CT/DVR	ajaypal.tituyadav@gmail.com	9463224309



## 02 weeks Training plan for Training NDRF Battalion on Forest Fire Prevention and Mitigation Strategies

Week 1	Session 1 0945 - 1045	Session 2 1045-1130		Session 3 1145-1230	Session 4 1230-1315		Session 5 1415-1500	Session 6 1500-1545
Day 1 06.02.2023	Inaugural session (IGNFA, DFE, NDRF, MoEF&CC, NDMA, Govt. of UK, SDRF, SDMA, SFD, CASFOS)	Organization Structure in Forest Department (NV)	Tea Break (1130 – 1145)	Forest types of Uttarakhand Forest Fire Scenario (India & Uttarakhand) (NV)	Types of Forest Fire Types of fuels (Chir pine, Sal, Grasses, scrubland) (VS)	Lunch (1315-1415)	Information network (Terrain, road network, local geography) (VS)	Group formation (TB)
Day 2 07.02.2023	Fire weather, Fire behaviour (VKD)	Forest Fire Traditional Management (Direct attack, Indirect attack, Mop-up operations) (BS)		(1145-1200) (FRI and Fire Fighting) (VR) Introduction of firefighting tools and equipments, Demonstration of various modern firefighting tools & equipments (VKD)			Demonstration of firefighting equipments, Forest Fire Traditional Management (Direct remedial methods, Indirect remedial methods, Mop-up operations) (BS, VKD & Dehradun FD/FRI) (Jhajra Range)	
Day 3 08.02.2023	Map reading, GPS navigation (T&P) (AG) (FRI Campus)			FSI Forest Fire Alert System (FSI-T) (FRI Campus)			Practicals on Forest Fire Alert System (FSI-P) (FRI Campus)	
Day 4 09.02.2023	People participation in various forestry activities, Role of local communities in Forest Fire Management (Case study Uttarakhand) (AS)	Case studies and panel discussion on people participation in Fire Management across India (Maharashtra) (SS)		Field visit to Barkot Range to witness fire lines (BS, VKD, PW & Dehradun FD)			Field visit to Barkot Range to witness fire lines (BS, VKD, PW & Dehradun FD)	
Day 5 10.02.2023	Fire hazard and safety measures (RSK)			First aid measures during firefighting Medical assistance during firefighting (RSK)	Practicals on first aid/fire safety measure (RSK)		Best practices in fire management across world (Fire retardants, drones, Thermal scanners, Fire balls, thermal blankets, fire shelters) (VS)	Mobilization and coordination of NDRF, SDRF, SDMA and Forest Department (NV & CASFOS Team)
Day 6 11.02.2023	Field Visit: Master control room, Malsi, Mussoorie Forest Division, Fire Danger Rating, Forest types, Terrain exposure, Local interaction with Forest staff (BS, AS, VKD, TB)							

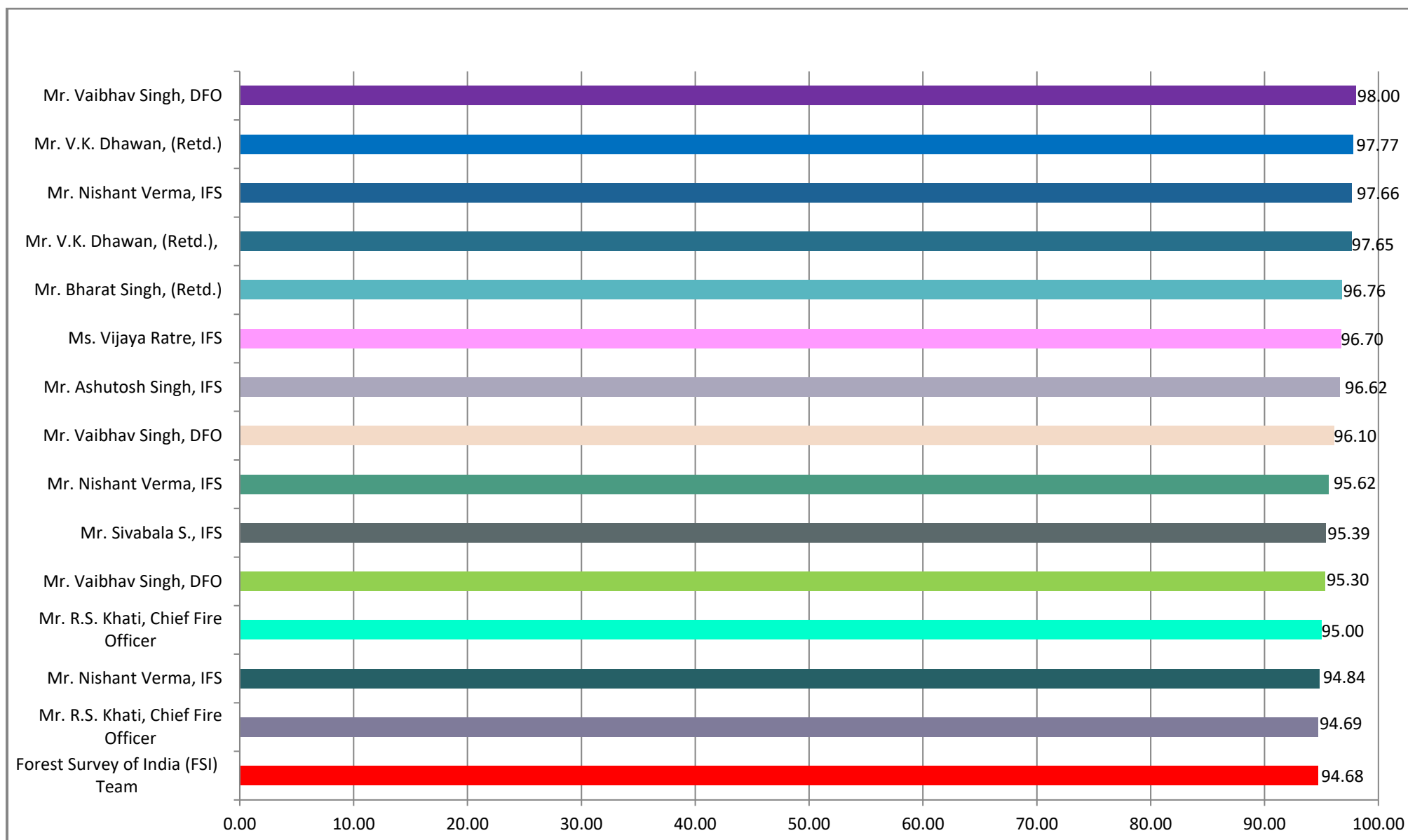
Week 2	Day 1 13.02.2023	Day 2 14.02.2023	Day 3 15.02.2023	Day 4 16.02.2023	Day 5 17.02.2023	Day 6 18.02.2023
	Briefing, Camping & Field Visit (Mock Drills for mitigation of forest fire): Mussoorie FD & Narender Nagar FD					De-briefing, Feedback & Valedictory

Abbreviation:

NV: Mr. Nishant Verma, IFS, CCF, Uttarakhand- 8826390808	FSI-T: Forest Survey of India - Theory
VS: Mr. Vaibhav Singh, DFO, DFO, Tarai Central Rudrapur, UKFD- 9412839179	FSI-P: Forest Survey of India - Practical
TB: Dr. T. Beula Ezhil Mathi, IFS, Lecturer, CASFOS, Dehradun - 7579002412	AS: Mr. Ashutosh Singh, IFS, DFO, Mussoorie Forest Division-7579135375
BS: Mr. Bharat Singh, ACF (Retd.), Dehradun - 9412053091	SS: Mr. Sivabala S., IFS, Associate Professor, IGNFA, Dehradun - 7579008479
VKD: Mr. V.K. Dhawan, Scientist (Retd.), ICFRE, Dehradun - 9412052007	PW: Mr. Pradeep Wahule, IFS, Lecturer, CASFOS, Dehradun - 9412070660
RSK: Mr. R.S. Khatri, Chief Fire Officer, Fire Service, Dehradun-7906793364	AG: Mr. Ankit Gupta, Scientist-C, CASFOS, Dehradun – 9717488313
VR : Ms. Vijaya Rathe, IFS, DFO, FRI, Dehradun	



Valedictory Session



**Overall Feedback of Resource Persons on all Parameters**





## CENTRAL ACADEMY FOR STATE FOREST SERVICE, DEHRADUN

Two-week Training on “Forest Fire Prevention and Mitigation Strategies ”

For “National Disaster Response Force (NDRF) 15<sup>th</sup> Battalion” during 06<sup>th</sup>-18<sup>th</sup> February 2023



Sitting Row (L - R)	Sh. Ankit Gupta (Scientist-C), Sh. Amlendu Pathak, IFS (Lecturer), Dr. T. Beula Ezhil Mathi, IFS (Course Director), Dr. Dhananjai Mohan, IFS, PCCF (TRM) Uttarakhand, Sh. Bharat Jyoti, IFS, Director, IGNSA, Sh. Nishant Verma, IFS, CCF (FF&DM), Uttarakhand, Smt. Meenakshi Joshi, IFS (Principal), Sh. Pradeep Chandra Wahule, IFS (Lecturer)
Standing Row 1 (L - R)	Sh. Anupam Verma (PTI), Sh. Parmanand Suyal (Sports Officer), Sh. Praveen Kumar Ojha (AC/GD), Sh. V. K. Dhawan, Scientist (Retd), Sh. Ajay Pant (AC/GD), Sh. Devendra Singh Bohra (CT), Sh. Kanishka Pangti (Insp), Sh. Ravinder Kumar (SI), Sh. Sanjay Kumar (Insp), Sh. Manjit Singh (Insp), Sh. Umesh Kumar (SI), Sh. Dheerendra Singh Rawat (Insp), Sh. Arun Kumar (SI), Sh. Gajraj Singh (SI), Sh. Bharat Singh, ACF (Retd.), Sh. J. M. S. Bisht (Supdt), Sh. Phool Singh (Supdt), Sh. Parvinder Singh (Lab Asstt)
Standing Row 2 (L - R)	Sh. Abhishek Kumar (CT), Sh. Manglesh Chand (CT), Sh. Shyam Babu Sonkar (CT), Sh. Naresh Singh (CT), Sh. Ganesh Giri (CT), Sh. Dharmender Singh Rawat (HC), Sh. Kunwar Singh (CT), Sh. Kirori Lal (HC), Sh. Sharwan Kumar (CT), Sh. Manmohan Kumar (HC), Sh. Abhilash Rohalan (CT), Sh. Mohd. Moin (CT), Sh. Wasim Ali (CT), Sh. Parmeshwar Chik Baraik (CT), Sh. Nirmal Singh (CT), Sh. Vikram Singh (CT), Sh. Sajjan Pal Singh (CT), Sh. Kirti Dhar Joshi (HC), Sh. Mukesh Kumar (HC), Sh. Sunil Kumar (CT), Sh. Gajender Lal (CT), Sh. Vikas Mittal (HC), Sh. Ajay Pal Singh (CT), Sh. Chandra Bhan (HC)
Standing Row 3 (L - R)	Sh. Prakash Chand Jaat (CT), Sh. Jagdeep Singh (CT), Sh. Shingara Singh (HC), Sh. Jarnail Singh (HC), Sh. Mahendra Singh Mehra (CT), Sh. Chandra Prakash (HC), Sh. Dhan Giri (CT), Sh. Hariom Sharan (CT), Sh. Gurmeh Singh (CT), Sh. Rajkumar (HC), Sh. Balu Salumuri (HC), Sh. Sandeep Kumar (CT), Sh. Bijender Singh (CT), Sh. Mamraj Singh (CT), Sh. Dhiraj Kumar (CT)

Group Photograph