

## **COURSE REPORT**



of online training on

## "Conservation Issues In India"

from
19<sup>th</sup> to 20<sup>th</sup> July 2021
for Professors/Lecturers of Colleges



Central Academy for State Forest Service

Dehradun

Ministry of Environment, Forest & Climate Change

Government of India

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#### **Executive Summary**

Central Academy for State Forest Service, (CASFOS) Dehradun organized a two-day online Training on "Conservation Issues in India" from 19<sup>th</sup> July to 20<sup>th</sup> January 2021 for the science faculty of Universities and Colleges. A total of 535 participants from 28 States registered for the training. However, 249 participants were awarded Course Completion Certificates who attended the course with more than 75% attendance. Keeping in view the ongoing CoVID 19 pandemic situation, the course was conducted on an online mode using Microsoft Teams video conferencing application. The course was designed keeping in view the contemporary issues and challenges in conservation of biodiversity in India. Topics related to application of ecology and conservation biology in the field were included to provide a better idea of management of forests and wildlife. A combination of lecture sessions, case studies and short video documentaries were also included in the course to make it more relevant and avoid monotony. Interaction between the participants and resource persons was encouraged throughout the course.

The training was inaugurated by Prof. (Dr.) Rakesh Kumar Sharma, Vice Chancellor, Graphic Era (Deemed to be) University, Dehradun as the Chief Guest. He gave thrust to encouraging practical oriented environment education in curriculum of educational institution. Shri Kunal Satyarthi, IFS, Principal, CASFOS Dehradun, highlighted the important role that faculty of higher educational institutions can play in conservation by infusing the idea of nature conservancy among the students and research and development activities. He stressed upon collaboration of educational institutions with forest managers and CASFOS Dehradun for providing exposure to the students on topics related to forest and wildlife management. Relevant topics like history of forest and wildlife management in India, biodiversity profile and conservation efforts, tiger and its habitat conservation, wetlands, amphibians and reptiles and ecosystem services were dealt in the lecture sessions. The detailed schedule of the course and resource persons are enclosed as Appendices III and V in this report.

The Valedictory session was chaired by Dr. Gurinder Singh Goraya, IFS (Retd.) He also chaired a panel discussion on the role of education institutions in conservation in which he discussed ways in which Academies can participate in conservation action. Shri Kunal Satyarthi, IFS, Principal CASFOS, Dehradun gave thrust to key areas where educational institutions can adopt conservation science in their curriculum. He also discussed ways and means to incorporate environmental education in our education system.

The soft copies of articles and write-ups related to the relevant topics covered during the course, apart from the copies of the presentations made by the experts and the recordings of each sessions were also provided to each participant as part of the training kit which was shared through Microsoft Share point and whatsapp group.

Overall impact of the training was positive and the feedback and high rating from the participants corroborates the assessment of the organizers. Most of the participants expressed their interest to have collaboration with CASFOS Dehradun for imparting effective environmental education to their students.

Format for reporting evaluation of refresher course conducted by the institute/organization for the SFS officers sponsored by the

# Ministry of Environment, Forests & Climate Change, GOI, New Delhi as per the merged format of MoEF&CC and JICA

#### **Course Report**

MoEF8	kCCs /DFE's letter number and date	F.No.4-98/TrgII/Conservation/CASFOS/2021-22		
Institut	te's reference number			
1	Name and complete address of the Institute (including phone, fax and email)	Central Academy for State Forest Service, Dehradun  101352-2754575/2754648  Fax- 0135-2756168  Email- casfos.dd-mef@gov.in		
2	Title of the course	Conservation Issues in India		
3	Duration & period of the Course	Two Days From 19 <sup>th</sup> July to 20 <sup>th</sup> July 2021		
4	Name & designation of the Course Director	Shri Abhilash Damodaran, IFS, Lecturer		
5	Number of officers participated	(Details at Appendix- IV)		
	(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)?	23.06.2021		
6.1	(c) Details of registration received from States prior to the Course	535		
	(d) How many officers received the intimation?	All		
	(e) How many officers attended course with more than 75% attendance?	249		
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.		
	(a) Was the course conducted at the institution's campus? If no, where?	No, it was through online platform		
7.1	(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.?	No		

	(a) Tatal as a formula a days in the	1	
	(a) Total no. of working days in the	2 days	
	course		
	(b) Total no. of sessions	8 sessions	
	planned/convened in the course		
7.2	(c) No. of sessions, which could not be		
	conducted as planned with reasons		
	(d) Internal faculty hours	3 hours	
	(e) Guest faculty hours	6 hours	
	(f) No. of days / hours spent on field	Nil	
	visit(s), if any	· · ·	
Enclosi	ure (2 copies each):		
	<ul> <li>Final course time-table</li> </ul>		
	<ul> <li>List of faculty (both in-house and gu</li> </ul>	uest faculty)	
	<ul> <li>Final list of participants</li> </ul>		
	(a) Had the same or similar course		
	been conducted earlier under the	Yes. Similar course was conducted from 27 to 28 January,	
	sponsorship of the	2021 in FY 2020-21.	
	MOEF&CC/Department of Personnel	2021 11111 2020-21.	
8	and Training (Government of India)?		
	(b) What changes, on the basis of the		
	feedback received in the previous	Resource person on the topic "Ecosystem Services" was	
	course were made in the current	changed and more time for discussion was ensured.	
	course?		
9	Feedback received from current course p	participants in terms of:	
9	(*1.1, 2.1. shown below refer to questio	n number in Part C or Part D of the feedback form.)	
		Course Content & Structure including reading material	
		was found to be relevant and highly appreciated by the	
9.1	Course Content and Structure (CCS)	participants with rating of <b>95.91%</b>	
		Course aim was met to the full satisfaction & as per feedback, there was increase in knowledge level of the	
		participants.	
		The participants have rated the training faculty <b>91.80</b> %	
9.2	Training Faculty (TF)	and the lectures were highly appreciated by the	
		participants.	
		The participants have given a feedback that the training	
9.3	Usefulness of the course (UOC)	course will be highly useful immediately and also in	
	( ) ( )	future for their job with combined rating as <b>90.37</b> %	
	Overall impression about the Course	The participants are highly impressed by the course and	
9.4	(OIC)	rated it around <b>93.91%.</b>	
	Participants' views about the strengths		
	and weaknesses as well as other	Overall the participants have appreciated the course. The	
9.5	aspects pertaining to the course	Suggestions made by them along with Academy's	
		comments are attached.	
	(Please attach summary as Appendix-I.)	l I	

9.6	Logistics (including Residential accommodation, Food quality, Class room facilities, Computer facilities and Recreation facilities and Time management etc.)	The internet connectivity at the academy was excellent throughout the course. However, some of the participants did not have very good connectivity at their end at times. Being online, logistics like residential facilities, food quality etc are not being considered. Time schedule was followed meticulously.
9.7	Weighted Average (Please attach summary as Appendix-II)	The weighted average of the course has been rated as <b>93.17%</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 were enthusiastic and expressed their keenness to learn. All participants appeared very interactive during the sessions.
11	Suggestion highlighting the areas of improvement in the Course for future by Course Director	Feedback received is excellent in all aspects of course design, content, quality and facility etc.  Certain topics like invertebrates, role of educational institutions in conservation, increasing duration of the course is strictly recommended.
12	Comments of the Institution on how the feedback is proposed to be recycled into future programmes in terms of course content, methodology, etc.	As reported by the participants, they were immensely benefitted by the course.  Academy will try its level best to incorporate the suggestions to further improve the courses in future.

(Shri Abhilash Damodaran, IFS) Course Director

Countersigned

PRINCIPAL

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# Course Director's comments on participants' views about the strengths and weakness pertaining to the course

S. No.	Participants' views	No. of participants who have expressed the view	Course Director's comments
1.	Sessions are wonderful very informative and relevant.	119	Will continue to keep up the standards.
2.	Need more days, at least one weak. Such wonderful program should continue every year	27	May recommend MoEFCC to increase duration of this course.
3.	Looking forward to attend training in offline mode. Include field training/experience	6	Offline mode will be conducted when Covid-19 Pandemic situation improves.
4.	Overall the programme was excellent, other than the lagging due to network issues	7	Academy has no role in network at participant's side.
5.	Need to invite more subject specialist.	2	Limitation of time has to be kept in mind.
6.	Below ground biodiversity specifically invertebrates should also be included as they also play an important role in ecosystem. Invasive invertebrate species also lead to extinction of other above ground species, fungus etc. But in most of the cases these below ground organisms are neglected.	1	The suggestion will be considered next time.
7.	Habitat level approach could be focused	1	The suggestion will be considered next time.
8.	It was good training session for all of us. But I suggested one thing the course content is only English language if expert use Hindi- English both combined language it was very useful.	1	Since participants are also from non-Hindi speaking states medium of instruction in English.
9.	It was the best workshop to introduce the conservation efforts, challenges and future projects.	1	Will continue to keep up standards.
10.	Kindly extend the course duration and also restrict the number of participants maximum upto 100	1	May recommend MoEFCC to increase duration of this course.
11.	After every session 5 mts can be dedicated by the resource person to talk about how students and youth can be involved( with the topic of their presentation) in order to preserve, conserve and sustain the environment.	1	The Issue was discussed in inaugural & valedictory sessions besides Q & A after every session.
12.	Program was designed more on animals and RET plant species not discussed.	1	Noted for future implementation.

#### **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) = 95.91
  - 1.1 Course aims met (97.44)
  - 1.2 Increase of knowledge (93.91)
  - 1.3 Relevance of content (96.54)
  - 1.4 Reading Material (95.78)
- 2. Training Faculty (TF) = 91.80
  - 2.1 Assessment of the Course contents/topics = 91.80

Contents (92.50)

Presentation (92.06)

Quality of Discussion/Interaction (90.98)

Meeting for Objectives (91.67)

- 3. Usefulness of the Course (UOC) = 90.37
  - 3.1 How useful to you immediately (90.58)
  - 3.2 How useful to be for the future jobs (90.17)
- 4. Overall Impression about the Course (OIC) = 93.91

#### **Weighted Average for the Course**

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

= 93.17%

### **Details of Topics & Resource Persons**

S. No.	Topic	Name	Contact No.	E-mail
1.	Forest and Wildlife Management in India: Past and Present	Shri Kunal Satyarthi, IFS, Principal, CASFOS Dehradun	9410394349	kunalsatyarthi@gmail.com
2.	Biodiversity Profile of India and Conservation efforts	Shri Abhilash Damodaran, IFS, Lecturer, CASFOS Dehradun	9412050571	abhilashifs@gmail.com
3.	Status of Tiger Conservation in India	Shri Hemant Kamdi, IFS, AIGF, National Tiger Conservation Authority, Nagpur	9436211735	hkamdi@gmail.com
4.	Status and Importance of Wetlands	Dr. Ritesh Kumar, Director, Wetlands International-South Asia	9871837444	ritesh.kumar@wi-sa.org
5.	Amphibians and Reptiles of India: Conservation Status	Dr. Abhijit Das, Scientist-D, Wildlife Institute of India	9412030187	abhijit@wii.gov.in
6.	Ecosystem Services	Dr. Dhanya Bhaskar, Associate Professor, IIFM, Bhopal, M.P.	9844316406	dhanyab@iifm.ac.in
7.	Role of Education Institutions in Conservation and Valedictory	Dr. Gurinder Singh Goraya, IFS (Retd.)	9418025036	Gurinder9@hotmail.com

## Details of Participants (with more than 75% attendance)

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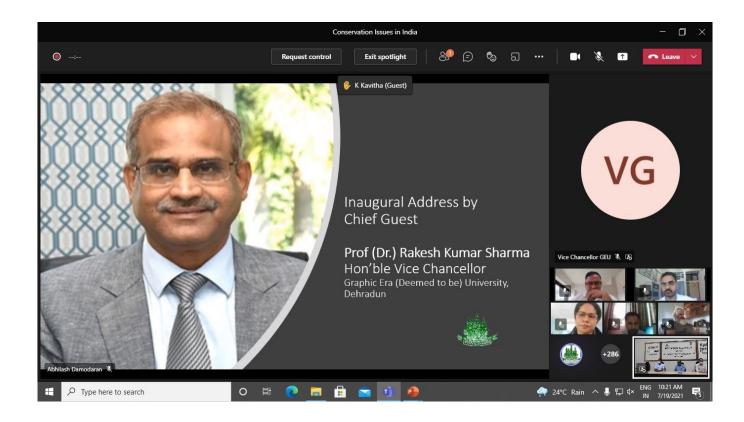
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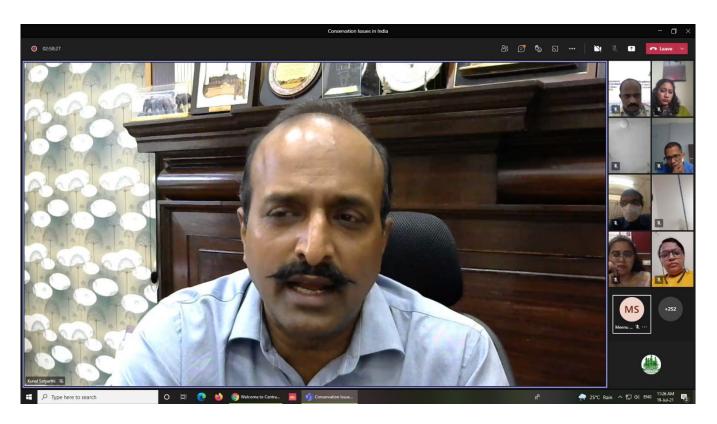
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Inaugural Address by the Chief Guest Prof. (Dr.) Rakesh Kumar Sharma, Vice Chancellor, Graphic Era (Deemed to be) University, Dehradun



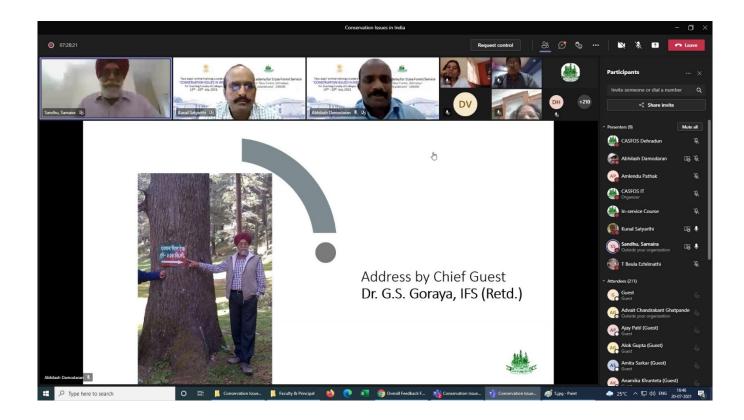
Opening remarks by Shri Kunal Satyarthi, IFS, Principal, CASFOS, Dehradun.



Lecture session by Dr. Dhanya Bhaskar, IIFM, Bhopal



Lecture session of Dr. Ritesh Kumar, Director, Wetland International – South Asia



Valedictory address by Chief Guest Dr. Gurinder Singh Goraya, IFS (Retd.)

#### **CENTRAL ACADEMY FOR STATE FOREST SERVICE, DEHRADUN**

#### Training on "Conservation Issues In India"

Two days' online Training Course for other Stakeholders (Professors / Lecturers of Colleges)

19<sup>th</sup> to 20<sup>th</sup> July,2021

\*\*\* Schedule\*\*\*

Day	0930 – 1100 hrs		1115 – 1245 hrs		1400 – 1530 hrs			1545 – 1715 hrs
19.07.2021 Monday	Registration and Inaugural Session (RKS, AD, KS) (All Faculty members)	1115 hrs Fea break		1.	Biodiversity profile of India and conservation efforts  (AD)	80 - 1545 hrs	offee break	Status of Tiger Conservation in India (HK)
20.07.2021 Tuesday	Status and Importance of Wetlands (RK)	1100 Te	Amphibians and Reptiles of India: Conservation Status  (ADs)	1245 – 1 Lunch	Ecosystem Services (DB)	1530 Coff	ŏ	Panel discussion on Role of Educational Institutions in Conservation and Valedictory (GSG, KS, AD)

#### Abbreviations:

AD: Shri Abhilash Damodaran, IFS, Lecturer, CASFOS Dehradun

ADs: Dr. Abhijit Das, Scientist - D, Wildlife Institute of India

DB: Dr. Dhanya Bhaskar, Associate Professor, IIFM, Bhopal, M.P.

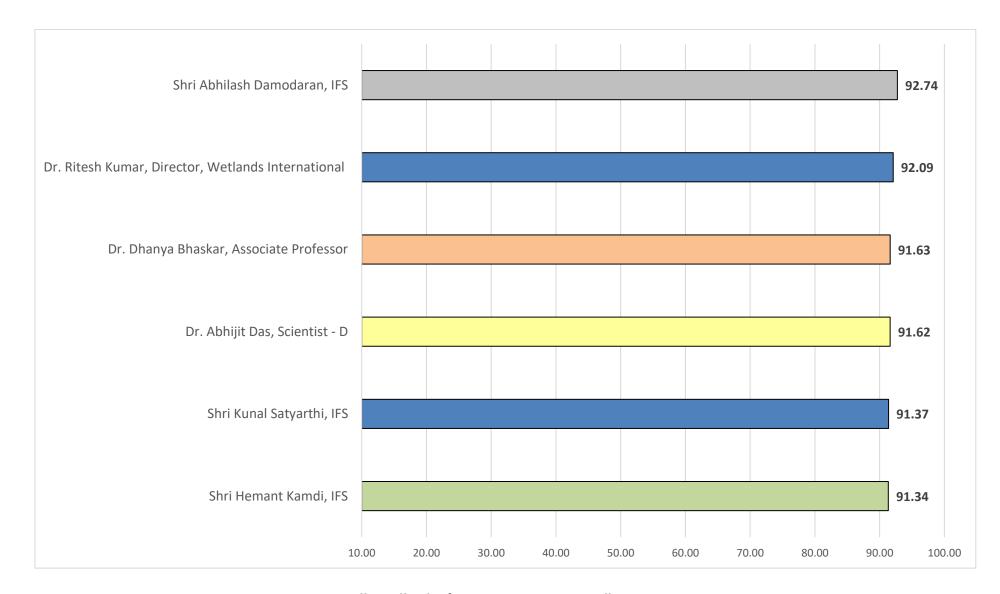
HK: Shri Hemant Kamdi, IFS, AIGF, National Tiger Conservation Authority, Nagpur

KS: Shri Kunal Satyarthi, Principal, CASFOS Dehradun

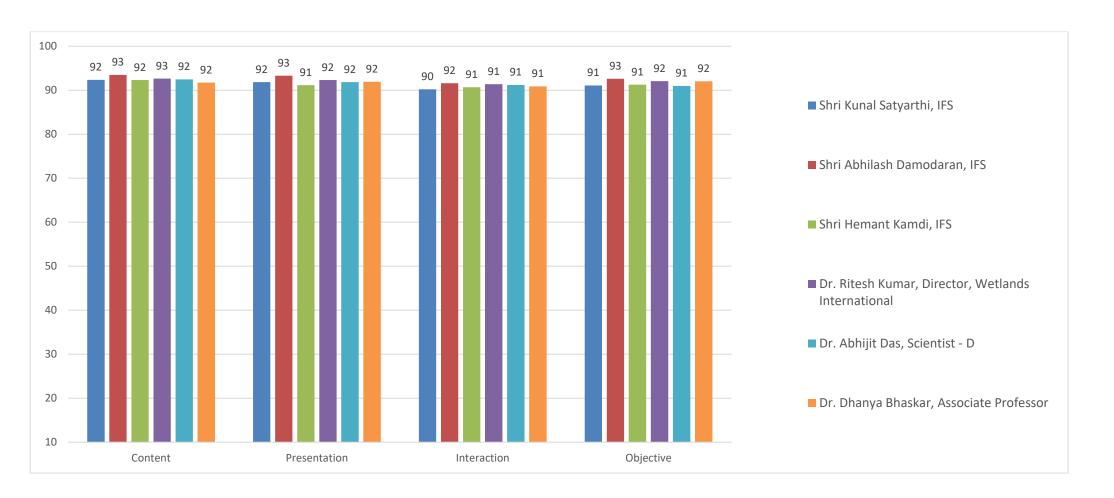
RK: Dr. Ritesh Kumar, Director, Wetlands International – South Asia

RKS: Dr. Rakesh Kumar Sharma, Vice Chancellor, Graphic Era University, Dehradun Uttrakhand.

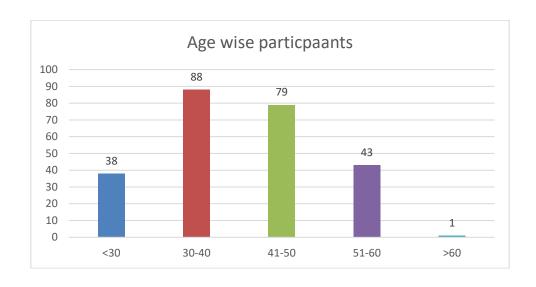
**Course Director** 



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



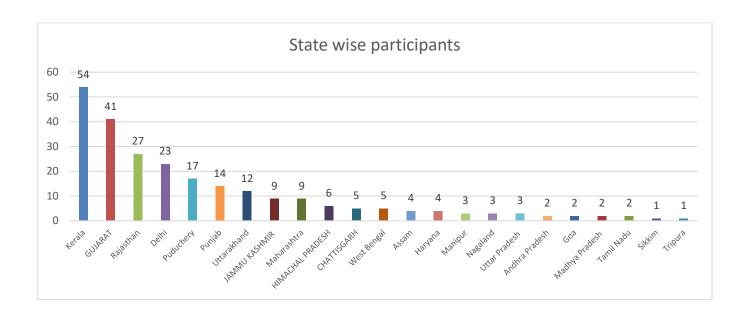
Parameter wise breakup of feedback of Resource Persons



Age distribution of Participants



**Gender Composition of Participants** 



State wise details of participants