



COURSE REPORT

on

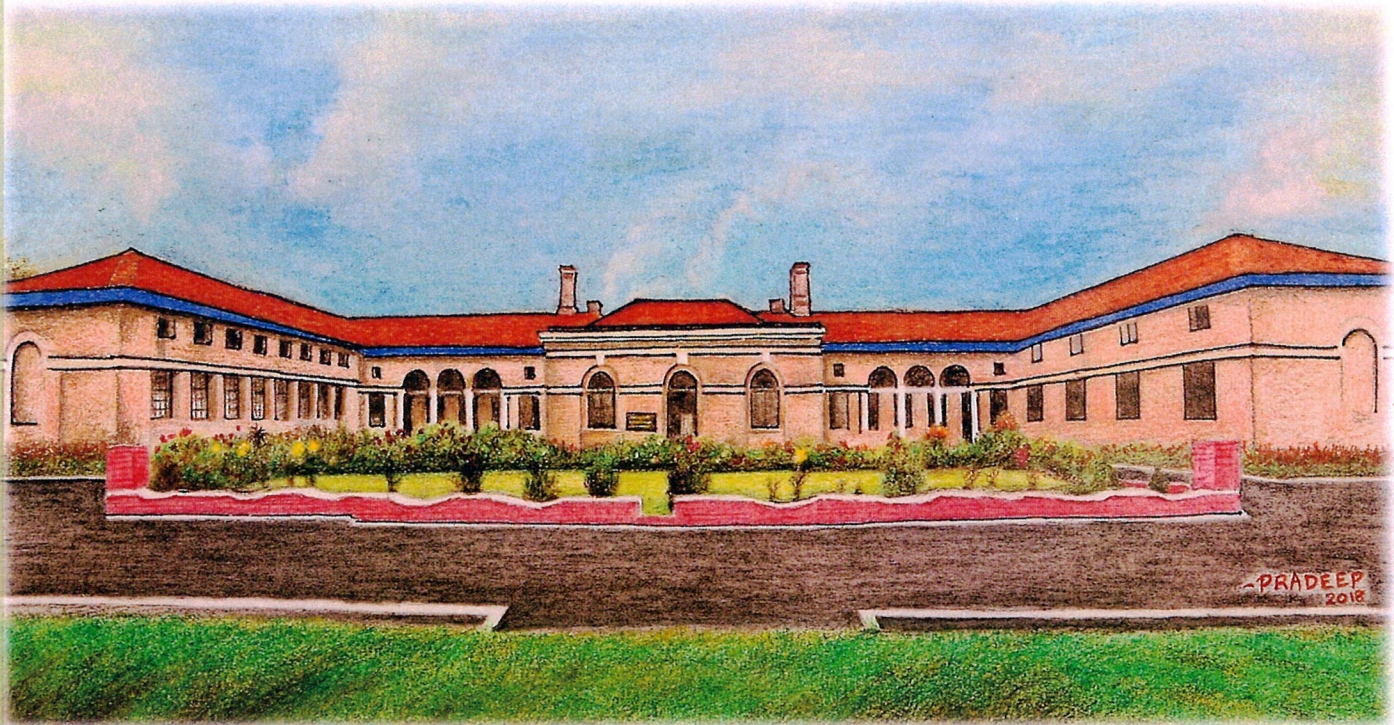


'Ecosystem Approach to Forest Management'

14th to 19th November 2022

for

In-service SFS Officers & Senior FROs



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

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Executive Summary

As part of its mandate to conduct refresher courses and theme-based training workshops for serving State Forest Service officers from various State Forest Departments, Central Academy for State Forest Service, (CASFOS) Dehradun organized a Six Days training on '**Ecosystem Approach to Forest Management**' from 14th November to 19th November 2022. The training was organized through online platform Microsoft Teams. A total of 33 nominations were received from eleven States and 25 Officers participated in the training while few could not attend the training altogether. The **Ecosystem Approach to Forest Management** module was developed with the experts' input on the subject and feedback of earlier courses and in-house experience.

The Course Director of the training, Mr. Pradeep Wahule, IFS, Lecturer, CASFOS gave a brief presentation about the course during the Inaugural session on Day-1 of the workshop. The inauguration of the workshop was graced by Mr. P.C. Tyagi IFS (Retd.), Dehradun, Uttarakhand. In the opening remarks, Mr. Pradeep Wahule welcomed the participants and stressed about the objectives and importance of Training.

The Valedictory session was conducted by Mr. Pradeep Wahule, IFS, Lecturer, CASFOS Dehradun. He expressed his happiness over the fact that objectives of the program were achieved as it was visible from feedback of the participants. He talked about improving the program based on the participants' feedback. Shri Pradeep Wahule, IFS, Lecturer, CASFOS, Dehradun gave a presentation about the program and concluded the program with a vote of thanks to the entire team and to the participants.

Soft copies of presentations and write-ups related to the relevant topics covered during the course, made by the experts and the recordings of each session were also provided to each participant as part of the training kit which was shared through Microsoft Share Point.

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 future training programs as well.

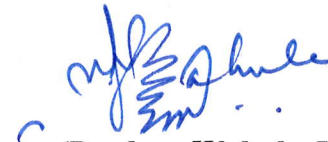
Format for reporting evaluation of refresher course conducted by the
institute/organization for the SFS officers sponsored by the
Ministry of Environment, Forests & Climate Change, GOI, New Delhi as per the merged
format of MoEF&CC and JICA

Course Report

MoEF&CCs /DFE's letter number and date		No. 4-910/TRG.II/DFE-2022/2363, Date 12.09.2022
Institute's reference number		No. 4-115/TRG.II/STC/CASFOS/2022-23/1863, Date 09.09.2022
1	Name and complete address of the Institute (including phone, fax and e-mail)	Central Academy for State Forest Service, Dehradun ☎ 01352-2754575/2754648 Fax- 0135-2756168 Email- casfos.dd-mef@gov.in
2	Title of the course	Ecosystem Approach to Forest Management
3	Duration & period of the Course	Six Days From 14 th to 19 th November, 2022
4	Name & designation of the Course Director	Shri Pradeep Wahule, IFS, Lecturer
5	Number of officers participated	25 (Details at Appendix- IV)
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)?	26.10.2022
	(c) Details of nomination received from States prior to the Course	33
	(d) How many officers received the intimation?	All
	(e) How many officers responded?	33
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	Was the course conducted at the institution's campus? If no, where?	No, it was through online platform.
	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
7.2	(a) Total no. of working days in the course	6 days
	(b) Total no. of sessions planned/convened in the course	15 sessions
	(c) No. of sessions, which could not be conducted as planned with reasons	NIL
	(d) Internal faculty hours	NIL

	(e) Guest faculty hours	22.5 hours
	(f) No. of days / hours spent on field visit(s), if any	Nil
Enclosure (2 copies each): Final course time-table List of faculty (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)?	Yes, under the sponsorship of the MoEF&CC
	(b) What changes, on the basis of the feedback received in the previous course were made in the current course?	Course programme attached.
9	Feedback received from current course participants in terms of: (*1.1, 2.1..... shown below refer to question number in Part C or Part D of the feedback form.)	
9.1	Course Content and Structure (CCS)	Course Content & Structure including reading material was found to be relevant and highly appreciated by the participants with rating of 94.02% Course aim was met to the full satisfaction & as per feedback, there was increase in knowledge level of the participants.
9.2	Training Faculty (TF)	The participants have rated the training faculty as more than 89.29% Training faculty for 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 also in future for their job with combined rating as 92.39%
9.4	Overall impression about the Course (OIC)	The participants are highly impressed by the course and rated it around 91.30% .
9.5	Participants' views about the strengths and weaknesses as well as other aspects pertaining to the course (Please attach summary as Appendix-I.)	Overall, the participants have appreciated the course. The suggestions made by them along with Academy's comments are attached.
9.6	Logistics (including Residential accommodation, Food quality, Classroom 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 times.
9.7	Weighted Average (Please attach summary as Appendix-II)	The weighted average of the course has been rated as 91.71% 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. However, the suggestions to have the course in offline mode is 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 improvement of the course in future.


(Pradeep Wahule, IFS)
Course Director

Countersigned


PRINCIPAL

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.	Nothing matches the one-to-one interaction and physical mode training. It leads to sharing of experience and better understanding.	1	Shall be done as soon as a nod is received from the Ministry.
2.	Well-chosen topics and selection of domain expert who delivers excellent in-depth knowledge of the subject.	7	Its encouraging for the Academy to read such comments from the participants.
3.	Hands on experience could be done in the assessment of TEV.	1	Noted
4.	The course was informative and making us aware of new aspects in forestry. Topics were also relevant	6	Noted
5.	The course was very relevant and helpful in many aspects of forestry. Although the online session has its own comfort zone for all but still offline training would be more effective, with brainstorming session at the end, because having subject specialist is a great help for any training program.	1	Noted
6.	Excellent training course has been organized CASFOS and got online platform. I would like to express my heartfelt thanks to Mam Principal CASFOS and all the teams. Special thanks for Sir, Pradeep for your motivation and great help and support.	1	Noted

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) = 94.02

- 1.1 Course aims met (96.74)
- 1.2 Increase of knowledge (88.04)
- 1.3 Relevance of content (95.65)
- 1.4 Reading Material (95.65)

2. Training Faculty (TF) = 89.29

- 2.1 Assessment of the Course contents/topics = 89.29
 - Contents (90.08)
 - Presentation (89.87)
 - Quality of Discussion/Interaction (87.79)
 - Meeting for Objectives (89.43)

3. Usefulness of the Course (UOC) = 92.39

- 3.1 How useful to you immediately (91.30)
- 3.2 How useful to be for the future jobs (93.48)

4. Overall Impression about the Course (OIC) = 91.30

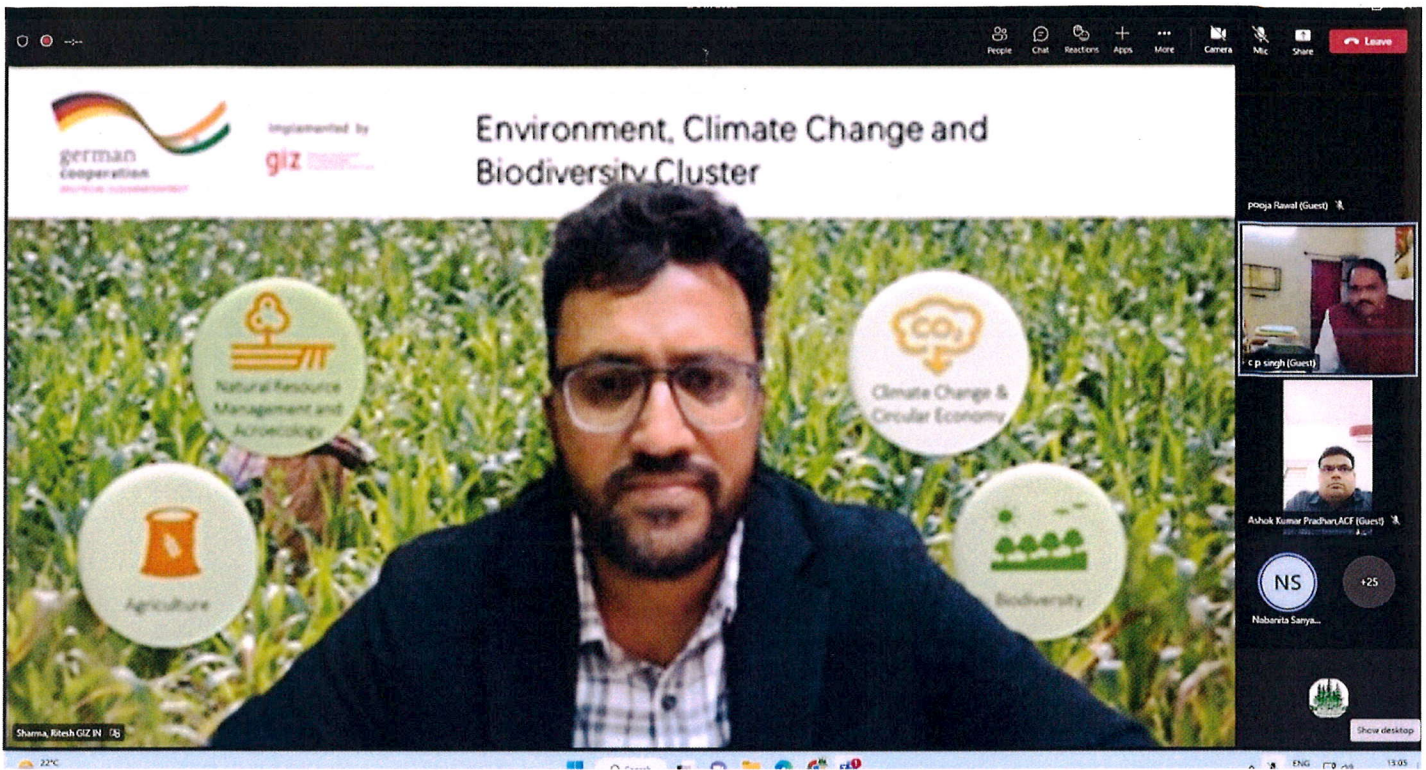
Weighted Average for the Course

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

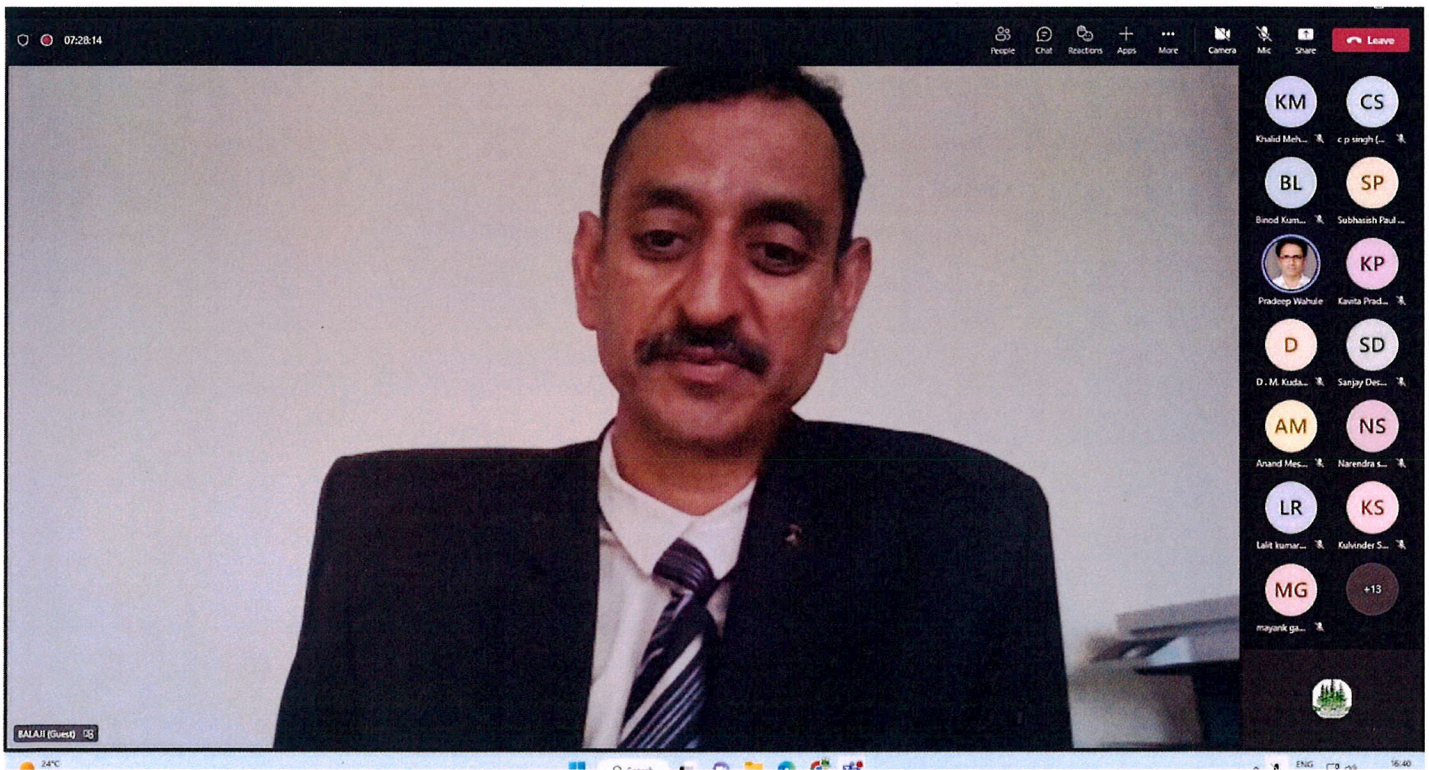
$$WA = (CCS (100\%) + TF (100\%) + UOC (75\%) + OIC (100\%) *100/375$$

$$WA = (94.02+89.29+69.29+91.30)x100/375$$

$$= 91.71\%$$



Session by Ritesh Sharma, GIZ



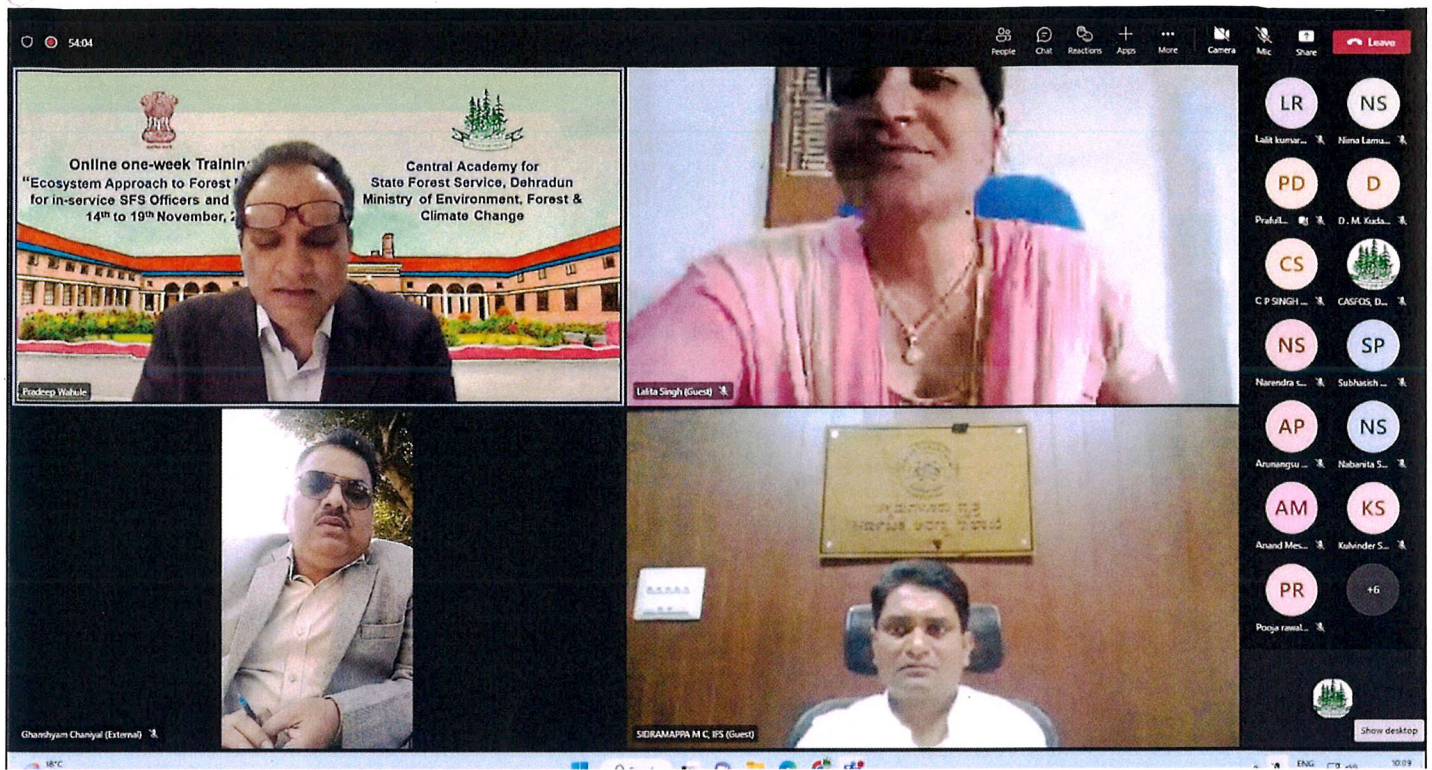
Session by Dr. B. Balaji, IFS, Jammu & Kashmir

Details of Topics & Resource Persons

S. No.	Name of Resource Person	Topic	Mobile No.	Email
1.	Mr. P.C. Tyagi, IFS (Retd.)	Sustainable Forest Management- The Ecosystem Approach	9411752658	pctyagi@wii.gov.in
2.	Dr. Ritesh Sharma	Sustainable Forest Management- The incentive-based management of forest ecosystem services	8586976473	ritesh.sharma@giz.de
3.	Dr. Ritesh Kumar	Wetlands and ecosystem management	9871837444	ritesh.kumar@wi-sa.org
4.	Mr. Sidramappa MC, CF, Karnataka	Eco-restoration of mines – Case study of Bellary	9402681980	ccfckm@gmail.com
5.	Dr. Sandeep Tambe, IFS,	Spring Management in Sikkim Himalayas	9474059791	jointsecy@gmail.com
6.	Dr. B.R. Ramesh	Vegetation mapping for conservation	9486908061	ramesh.br@ifpindia.org
7.	Dr. Ankila Hiremath	Managing invasive alien species in forest ecosystem	9871180722	hiremath@atree.org
8.	Dr. Om Bir Singh	Forestry interventions in rejuvenation of rivers		
9.	Dr. B. Balaji, IFS	NRM through Ecosystem Approach	9412050565	balajipkm@gmail.com
10.	Mr. Abhilash Damodaran, IFS	Managing forest for biodiversity : going beyond traditions	9412050571	abhilashifs@gmail.com
11.	Ms. Saudamini Das	Concept of Total Economic Valuation in forestry	9899066456	saudamini.das@gmail.com
12.	Mrs. Neena Grewal, IFS	People as a component of Ecosystem	9412084346	grewal.neena@gmail.com
13.	Dr. R. D. Singh	Forest Hydrology	9411111973	rdsingh3@gmail.com
14.	Ms. Sweta Singh, ACF	Decoding the Forest Fringe	9479922402	sweta.singh141410@gmail.com
15.	Dr. S. William Decruse	Species restoration in natural habitat: Case study of RET species of Western Ghats	9497010229	willdic@reddifmail.com

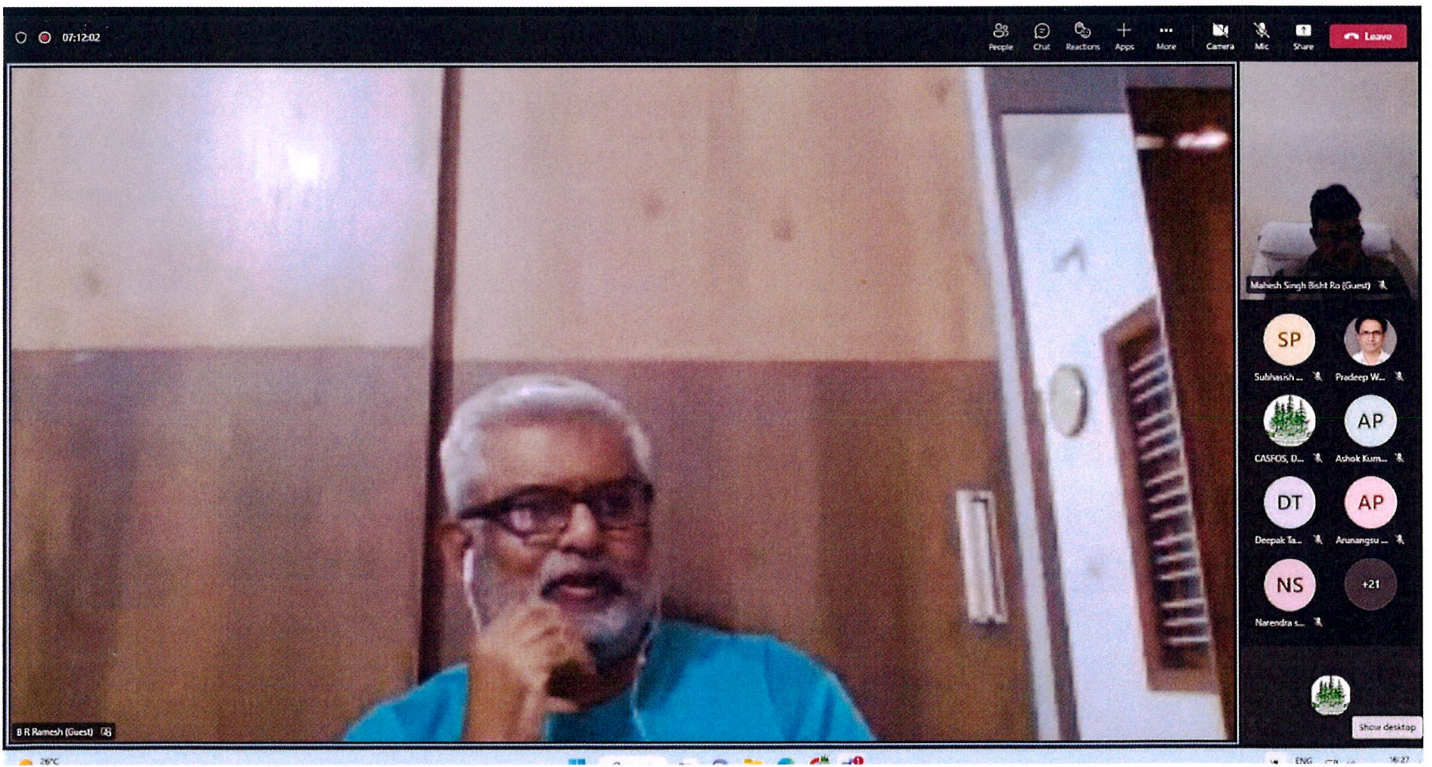
Details of Participants

S. No.	Name of participants	Mobile No.	Email	State
1.	Mrs. Lalita Singh	9474231417	lalitasks79@gmail.com	A & N Islands
2.	Mrs. P. K.Sandhya Prasad	9474298474	Rfokt744@gmail.com	A & N Islands
3.	Mr. Deepak E Tandel	8605275877	deepaktandel72@gmail.com	Goa
4.	Mr. Anand S. Mestri	9850471325	mestrianand62@gmail.com	Goa
5.	Mr. Dyaneshwar M Kudalker	9850527671	dnyneashwarkudalkar@gmail.com	Goa
6.	Mr. Kulvinder Sing	9968163096	Kskpkl0303@gmail.com	Haryana
7.	Mr. Khalid Mehmood	9419168920	balwankhalid42@gmail.com	Jammu & Kashmir
8.	Mr. Lalit Kumar Sharma	9469210306	happysolan1990@gmail.com	Jammu & Kashmir
9.	Mr. Binod Kumar Lohar	9774128991	loharmomin210@gmail.com	Meghalaya
10.	Mr. Henrycius Lakiang	9436998872	henryciuslakiang@gmail.com	Meghalaya
11.	Mr. Prafulla Kumar Dharu	9438143341	prafulla.dharua@gmail.com	Odisha
12.	Mr. Ashok Kumar Pradhan	9938846384	akpradhan2004@gmail.com	Odisha
13.	Mr. Lalit Kumar Rai	9593809141	Lalitikumarrai50@gmail.com	Sikkim
14.	Mrs. Kavita Pradhan	0743293541	kabitap5411@gmail.com	Sikkim
15.	Mr. Narendra Sapkota	8967608881	21sapkota@gmail.com	Sikkim
16.	Dr. Chandra Pratap Singh	7579017770	01cpsingh@gmail.com	Uttar Pradesh
17.	Mr. Mahesh Singh Bisht	9536676135	maheshbisht.tnp@gmail.com	Uttarakhand
18.	Mr. Mayank Garg	8937957250	gargmaayank2010@gmail.com	Uttarakhand
19.	Mrs. Pooja Rawal	9557597322	poojarawal6144@gmail.com	Uttarakhand
20.	Mr. Ghana Nand Chaniyal	9410158296	ghanshayamchaniyal@gmail.com	Uttarakhand
21.	Mrs. Alokhi	8439551211	alokh2014@gmail.com	Uttarakhand
22.	Mr. Arunangsu Panda	7980163979	arungpanda@gmail.com	West Bengal
23.	Ms. Nima Lamu Sherpa	9748330982	nimasherpa@yahoo.com	West Bengal
24.	Mr. Subhasish Paul	9775540085	subhasish771@gmail.com	West Bengal
25.	Mrs. Nabanita Sanyal	9564528231	nabanita.sanyal2018@gmail.com	West Bengal



Session by Sidramappa, M.C., IFS, CF, Karnataka

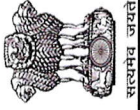
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Session by Dr. B.R. Ramesh, Ecologist, French Institute of Pondicherry

Central Academy for State Forest Service, Dehradun

One Week online Training on “Ecosystem Approach to Forest Management”
for in-service SFS Officers and Senior FRO’s
14th to 19th November, 2022



Programme Schedule

Date / Time	Session I 1000 - 1115 Hrs		Session II 1130-1300 Hrs		Session III 1500-1630 Hrs	
	14.11.2022 (Monday)	Sustainable Forest Management: The Ecosystem Approach (PCT)		Sustainable Forest Management- The incentive-based management of forest ecosystem services (RS)		Wetlands and ecosystem management (RK)
15.11.2022 (Tuesday)	Eco-restoration of mines - Case study of Bellary (SMC)		Spring Management in Sikkim Himalayas (ST)		Vegetation mapping for conservation (BRR)	
16.11.2022 (Wednesday)	Managing invasive alien species in forest ecosystem (AH)		Forestry interventions in rejuvenation of rivers (OBS)		NRM through Ecosystem Approach (BB)	
17.11.2022 (Thursday)	Managing forest for biodiversity : going beyond traditions (AD)		Concept of Total Economic Valuation in forestry (SD)		People as a component of Ecosystem (NG)	
18.11.2022 (Friday)	Forest Hydrology (RDS)		Decoding the Forest Fringe (SS)		Species restoration in natural habitat : Case study of RET species of Western Ghats (SWD)	
19.11.2022 (Saturday)	Valedictory session (PW)					

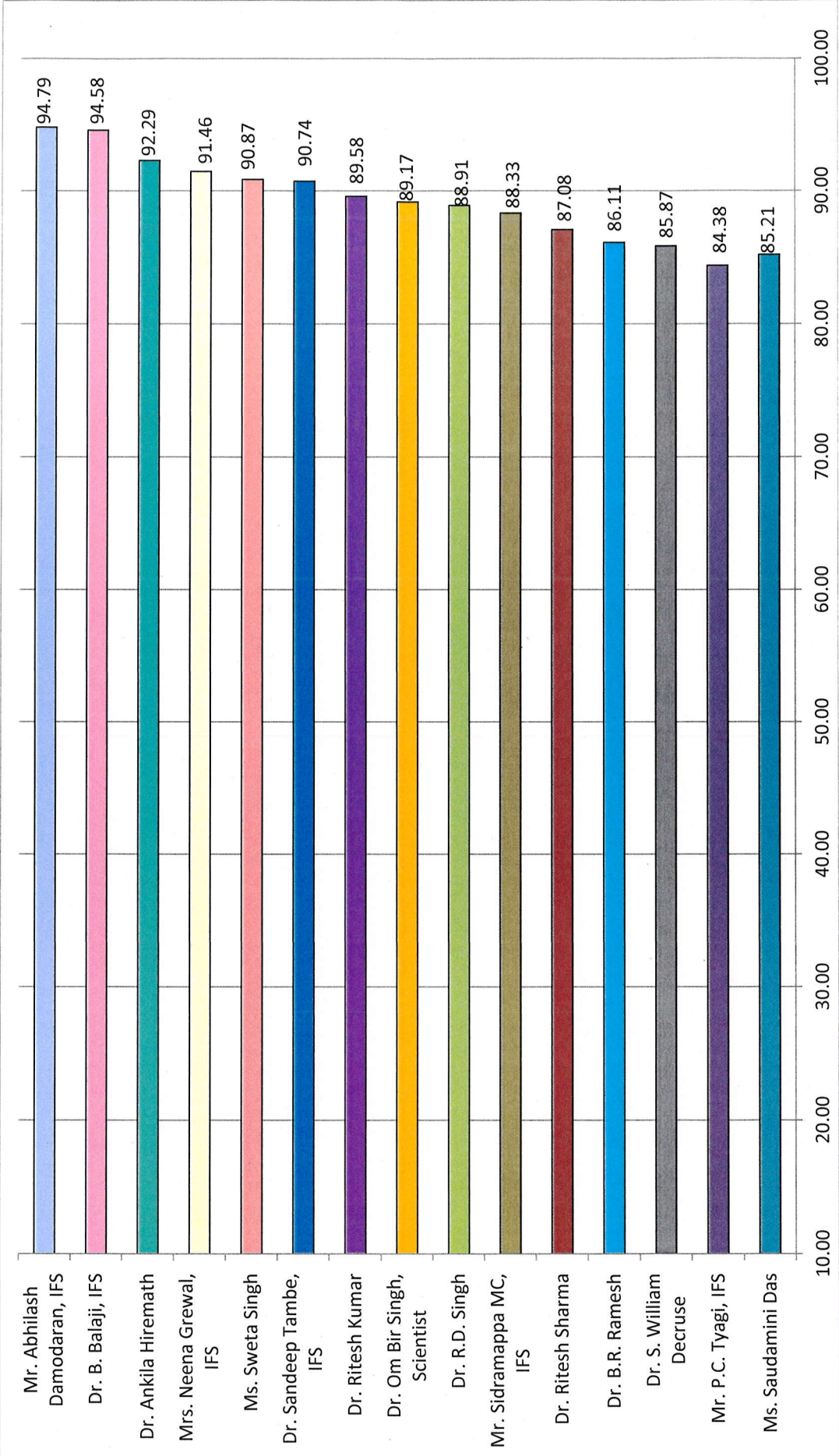
Tea Break 1115-1130

Lunch Break 1300-1400

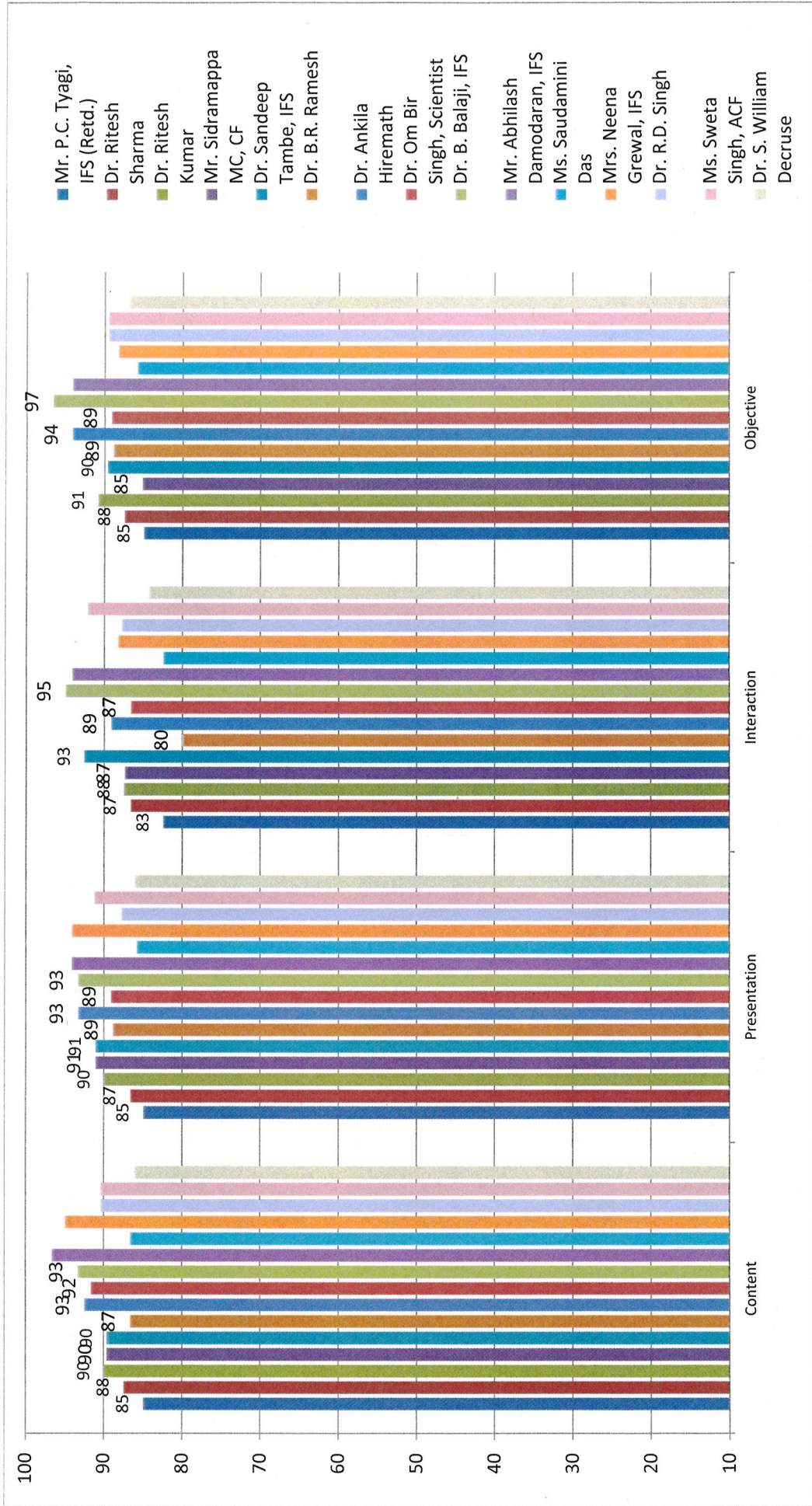
Abbreviations:

PCT : Mr. P.C. Tyagi, IFS (Retd.), Dehradun, Uttarakhand
RS : Dr. Ritesh Sharma, Advisor, GIZ, New Delhi
RK : Dr. Ritesh Kumar, Director Wetlands International, South Asia
SMC: Mr. Sidramappa MC, CF, Karnataka Forest Division
ST : Dr. Sandeep Tambe, IFS, APCCF (Wildlife Environment Watershed)
BRR : Dr. B.R. Ramesh, Ecologist, French Institute of Pondicherry
AH : Dr. Ankila Hiremath, Senior Fellow, SSCBC, ATREE
OBS : Dr. Om Bir Singh, Scientist, ICFRE

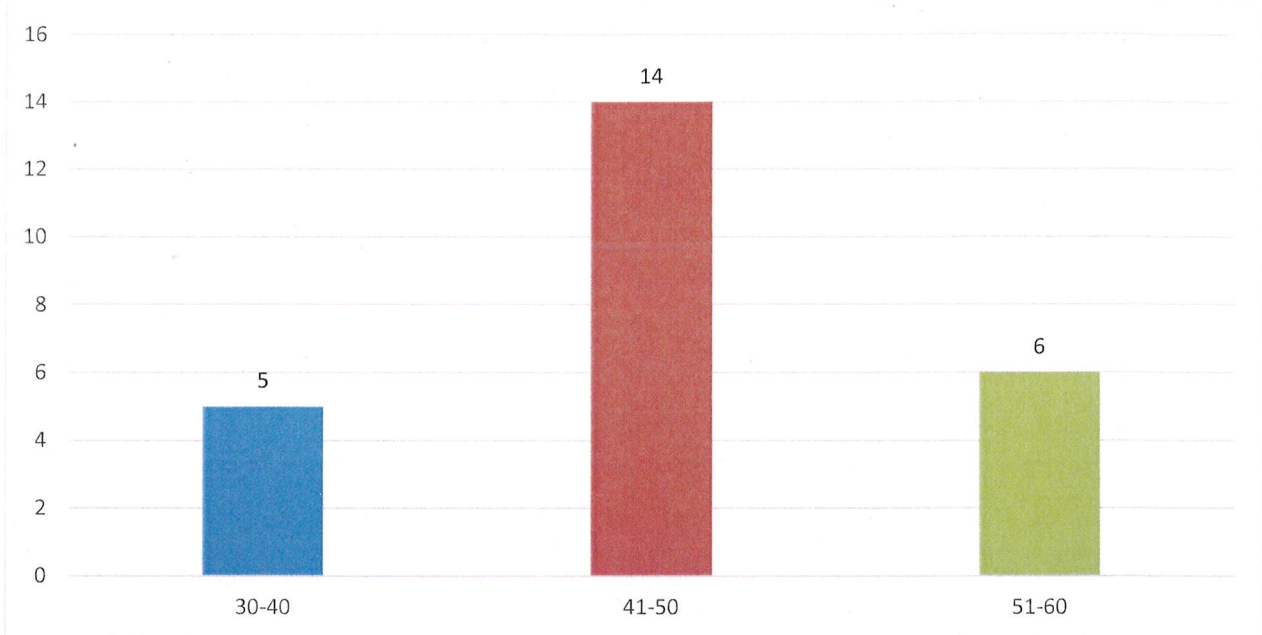
BB : Dr. B. Balaji, IFS, CCF, UT of Jammu & Kashmir
AD : Mr. Abhilash Damodaran, IFS, CF, HP Forest Department
SD : Ms. Saudamini Das, Institute of Economic Growth, New Delhi
NG : Mrs. Neena Grewal, IFS, Project Director, Watershed Management Directorate, Dehradun
RDS : Dr. R.D. Singh, Ex-Director, National Institute of Hydrology, Roorkee
SS : Ms. Sweta Singh, ACF, MP Forest Department
SWD : Dr. S. William Decruse, Principal Scientist, JNTBGRI, Trivandrum
PW : Mr. Pradeep Wahule, IFS, Lecturer, CASFOS, Dehradun



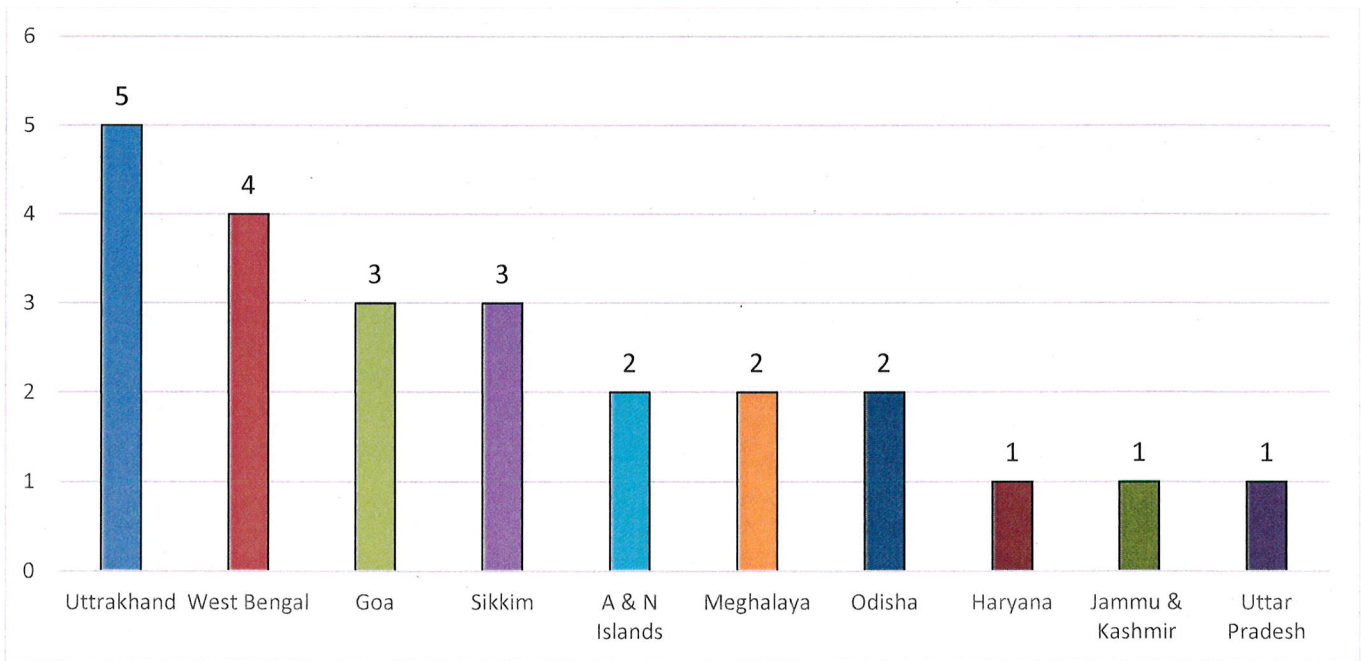
Overall Feedback of Resource Persons on all parameters



Parameter wise breakup of feedback of Resource Person



Age group of the Participants



25 participants from 10 States