



COURSE REPORT

Three days specialized training
on

“Nature Interpretation for Conservation”

from 20th to 22nd December, 2023

for

Academicians, Wildlife Biologists, Tiger Conservation
Foundation Experts and Nature Interpretation
Experts etc.



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 under the aegis of Directorate of Forest Education (DFE) Ministry of Environment, Forest, and Climate Change, took a step ahead of its mandate and conducted three days (from 20.12.2023 to 22.12.2023) training programme for “**Academicians, Wildlife Biologists, Tiger Conservation Foundation Experts and Nature Interpretation Experts etc.**” on the theme “*Nature Interpretation for Conservation*”. The Ministry of Environment, Forest and Climate Change, Government of India sponsored for the ‘Training of other stakeholders’ and ‘Personnel of other services’ on topics/themes related to various ways of Nature Interpretation paving way for conservation. The training was conducted in a physical mode.

The training was inaugurated by Chief Guest – Ms. Anjali Bhartari, Heritage Interpreter, Author & Sustainable Tourism Specialist in presence of Smt. Meenakshi Joshi, IFS, Principal, CASFOS, Dehradun. In the opening remarks, Smt. Meenakshi Joshi, IFS stressed the need for such courses intended for other stakeholders and their importance in spreading awareness and carrying forward extension activities. She emphasized further on the link between the participants and the forest department in carrying forward the work of conservation. Chief Guest keynote speaker Ms. Anjali Bhartari talked on various nature interpretation methodologies and emphasized the importance of nature interpretation for conservation. She also urged the participants to use innovative & different ways of nature interpretation in their work of conservation. The detailed timetable showing session-wise topics and resource persons is enclosed as **Annexure-V**.

A total of 35 participants from 04 States across India registered for the training out of which 29 participants from 04 States successfully completed the training programme. The training programme was very well appreciated by the participants who also requested more of such training programmes regularly, for keeping up the momentum of conservation of natural resources through other stakeholder participation. The reduction in the number of participants when compared to the registered number was due to unavoidable reasons for some participants at the last moment.

Valedictory session was presided over by chief guest Ms. Shruti Sharma, IFS(Retd.), PCCF & HoFF, Rajasthan during which an interactive session with the participants was also held. Feedback by the participants during the session was also highlighted by her for improving future programs. Dr. T. Beula Ezhil Mathi, IFS, Course Director, gave a presentation about the program and concluded the program with a vote of thanks to the entire team and to the participants. The participants gave an overwhelming response to the course.

A compendium of articles, presentations related to the relevant topics covered during the course, apart from the copies of the presentations made by the experts in each session were provided in soft copy to each trainee as part of the training kit by the Academy.

The overall impact of the training was positive and the feedback and high rating from the participants corroborates the assessment of the organizers.

Format for reporting evaluation of refresher course conducted by the institute/organization for other stake holders 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&CC /DFE's letter number and date		4-927/Trg.II/DFT-2023/3347, dated 19/12/2023
Institute's reference number		File No. 4-142/Trg.II/OSH/2023-24/CASFOS/2468, dated 18/12/2023
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	Nature Interpretation for Conservation
3.	Duration & period of the Course	Three Days 20 th to 20 nd December, 2023
4.	Name & designation of the Course Director	Dr. T. Beula Ezhil Mathi, IFS, Lecturer
5.	Number of Participants participated	29 (Details at Annexure-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 Participants)?	05.12.2023
	(c) Details of nomination received from States prior to the Course	35
	(d) How many Participants received the intimation?	All
	(e) How many participants responded?	32
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.?	Yes, Residential facility was arranged outside
7.2	(a) Total no. of working days in the course	3 days
	(b) Total no. of sessions planned/covered in the course	6 Session
	(c) No. of sessions, which could not be conducted as planned with reasons	NIL
	(d) Internal faculty hours	-
	(e) Guest faculty hours	9.5 hrs.
	(f) No. of days / hours spent on field visit(s) if any	01 day

Enclosure (2 copies each):		
<ul style="list-style-type: none"> - 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)?	Yes, under the sponsorship of the MoEF&CC
	(b) What changes based on 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 at Annexure-II 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 92.34% 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 at more than 93.81% 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 94.40%
9.4	Overall impression about the Course (OIC)	The participants have given feedback about overall impression of the course was very good with rating 90.52%
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. (Annexure-1)
9.6	Logistics (including Residential accommodation, Food quality, Classroom facilities, Computer facilities and Recreation facilities and Time management etc.)	The expectations of the participants regarding level of infrastructural facilities available in the training Institute has been met to certain extent. The participants were more punctual for the scheduled sessions. (95.43%)
9.7	Weighted Average of the course	The weighted average of the course has been rated as 93.12% 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. Majority of the participants were punctual and 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, etc. However, the suggestions given by the participants would be considered for the future training programmes.
12	Comments of the Institution on how the feedback is proposed to be recycled into	As reported by the participants, they were immensely benefitted by the course. Academy will

future programmes in terms of course content, methodology, etc.

try its level best to incorporate the suggestions for further improvement of the course in future.

(Dr T. Beula Ezhil Mathi, IFS)
Course Director

Mathi
Counter Signature
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	Making people aware with the factual knowledge and the laws will help people more because making them aware of the fact, what you can do but not telling them how to, is not as useful as it sums. People should be made aware about the law and forest protection act and wildlife act. Waste Management should be a part of it.	01	Suggestion is noted
2	Academic stream defined by the objectives of fields. Introduce the liabilities and duties of common man regarding wildlife.	01	Suggestion is noted.
3	Overall organization of the course was excellent with regard to topics and other facilities provided.	06	The structure of the training programme is well made. Hence, the comments.
4	This is one of my best experience. All the session are very useful for our knowledge. New experience about birding, introduction to butterflies and moths. The various topic covers from conservation through interpretation, ecotourism and success stories from the local people of Devalsari Society & Gram Vikas Samiti is wonderful.	01	Practical case study session inclusion is useful. Hence, the comments.
5	You should focus more on field visit and birdwatching. My experience was awesome while training with you.	02	Suggestion is noted.
6	Topic added/deleted i. Solid waste management should be discussed. ii. Waste management. iii. New skill development to promote new practices. iv. Other states participants should be invited more for gaining knowledge and experience on nature. v. To visit wildlife sanctuary. vi. Bird watching. vii. Jungle Safari.	08	Training duration is 3 days. The maximum which could be done was covered in this training programme. Still, suggestion is 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) = 92.34

- 1.1 Course aims met (93.75)
- 1.2 Increase of knowledge (90.18)
- 1.3 Relevance of content (92.59)
- 1.4 Reading Material (92.86)

2. Training Faculty (TF) = 93.81

2.1 Assessment of the Course contents/topics = 93.52

- Contents (91.26)
- Presentation (92.30)
- Quality of Discussion/Interaction (92.18)
- Meeting for Objectives (92.64)

2.2 Assessment of the Field Visit = 92.52

- Contents (94.48)
- Meeting for Objectives (96.55)

3. Usefulness of the Course (UOC) = 94.40

- 3.1 How useful to you immediately (94.83)
- 3.2 How useful to be for the future jobs (93.97)

4. Overall Impression about the Course (OIC) = 90.52

5. Logistic = 95.43

- 5.1 Residential accommodation (90.00)
- 5.2 Food quality (95.52)
- 5.3 Classroom facilities (99.31)
- 5.4 Time management (96.90)

Weighted Average for the Course

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

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

$$\text{WA} = (92.34 + 93.81 + 70.80 + 90.52 + 71.57) * 100/450$$

$$= 93.12\%$$

Details of Topics & Resource Persons

S. No.	Topic	Name	Contact No.
1	Conservation through Interpretation	Ms. Anjali Bhartari, Heritage Interpreter, Author & Sustainable Tourism Specialist	7761894219
2	Citizen Science & Birding	Mr. Sipu Kumar, Ph. D., Scholar, WII	9717317417
3	Nature Interpretation – Success Story from Corbett Gram Vikas Samiti	Mr. Mohan Pandey, Chairman, Gram Vikas Samiti, Chotti Haldwani	9411324204
4	Lepidoptera as a focal species for conservation & livelihoods in the Himalayas	Mr. Sanjay Sodhi, Founder Titli Trust, Dehradun	9412052189
5	Foresters case study on Nature Interpretation	Mr. Aishwarya Raj, IFS, DFO, Paonta Sahib, Himachal Pradesh	8700989495
6	Nature Interpretation – Success story from Devalsari Society	Mr. Arun Prasad, Director, Devalsari Society, Uttarakhand	8650645385

Details of Participants

S. N	Name of Participant	Mobile No.	Email	State
1	Mr. Mohd Sajid	8219691845	sajid.khan18893@gmail.com	Himachal Pradesh
2	Mr. Amit Negi	9816750031	emitnegi31@gmail.com	Himachal Pradesh
3	Mr. Gaurav Chauhan	8219467526	gaurijagto@gmail.com	Himachal Pradesh
4	Mr. Rahul Chauhan	7018281324	magick.rahul@gmail.com	Himachal Pradesh
5	Mr. Rajat Chauhan	8894444417	nagaik666@gmail.com	Himachal Pradesh
6	Mr. Vipin Kumar Kaundal	9459046852	ar.vipinkaundal@gmail.com	Himachal Pradesh
7	Mrs. Gayatri R Badiger	9071804903	ggyrb14@gmail.com	Karnataka
8	Mr. Mukesh Meena	9983678080	mukeshsiitswm@gmail.com	Rajasthan
9	Mr. Vijaypal Meena	9799928594	meenavijasvijay@gmail.com	Rajasthan
10	Ms. Neha Bhandari	6398090535	bhandarineha742@gmail.com	Uttarakhand
11	Mrs. Kiran	8958463883	kittubisht29@gmail.com	Uttarakhand
12	Mr. Ashish Rawat	7078221526	rawatashish1526@gmail.com	Uttarakhand
13	Mr. Deepak Satyawali	9027718091	harry.satyawali@gmail.com	Uttarakhand
14	Ms. Deepika Joshi	9119080411	deepikajoshi342000@gmail.com	Uttarakhand
15	Mrs. Priyanka Rawat	7409033408	priyanka.organic@gmail.com	Uttarakhand
16	Mr. Kamal Dani	9389312673	rohitdani2003@gmail.com	Uttarakhand
17	Mrs. Kanchan Jaira	9587160442	kanchirawatkk@gmail.com	Uttarakhand
18	Mr. Ranvir Singh	7310872437	ranvirsinghbhunjari1986@gmail.com	Uttarakhand
19	Mrs. Shiwani Gusain	9997900638	shiwanigusain@gmail.com	Uttarakhand
20	Mr. Tarun Bhatt	7906561190	tarunbhatt000@gmail.com	Uttarakhand
21	Mrs. Bhawana Bhatt	7017283487	bhattbhawana309@gmail.com	Uttarakhand
22	Mr. Neeraj Vashist	8923223708	neeraj.vashist88@gmail.com	Uttarakhand
23	Mr. Rajid Hussain	8630863805	rajidhussain099@gmail.com	Uttarakhand
24	Mr. Rishabh Mahara	9193615809	rishabh.mahara80@gmail.com	Uttarakhand
25	Mr. Yogesh Pandey	9012240528	pandeyyash242@gmail.com	Uttarakhand
26	Mr. Neeraj Chand	7302251308	neerajseanchand@gmail.com	Uttarakhand
27	Ms. Bhawana	8077899105	bhawanamasiwal47@gmail.com	Uttarakhand
28	Mr. Karamjeet Singh	8393852419	sardarjikaramjeete@gmail.com	Uttarakhand
29	Mrs. Radha Rana	8923809132	adu955830@gmail.com	Uttarakhand



Welcome of Chief Guest by Mrs. Meenakshi Joshi IFS, Principal, CASFOS, Dehradun



Opening remarks by Mrs. Meenakshi Joshi IFS, Principal, CASFOS, Dehradun



Keynote Address by Ms. Anajli Bhartari, Heritage Interpreter, Author & Sustainable Tourism Specialist



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

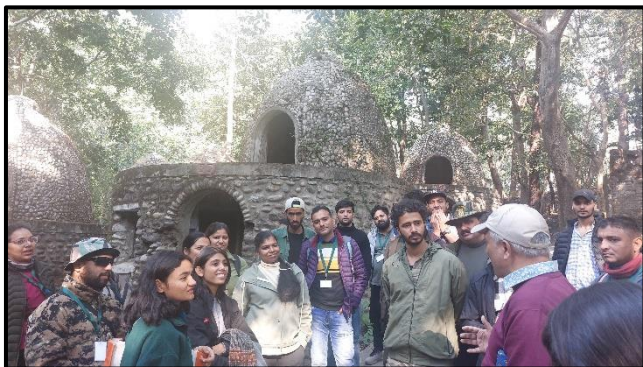


Lecture Session by Mr. Sipu Kumar, Ph. D., Scholar, WII, Dehradun



Lecture Session by Mohan Pandey, Chairman, Gram Vikas Samiti, Chotii Haldwani

Day-1 (Classroom sessions)



(Day 2 - Field Visit at Chaurasi Kutiya)



**Lecture Session by Mr. Sanjay Sondhi,
Founder Titli Trust, Dehradun**



**Lecture Session by Aishwarya Raj, IFS, DFO,
Paonta Sahib, Himachal Pradesh**



**Lecture Session by Mr. Arun Prasad, Director,
Devalsari Society, Uttarakhand**

Day-3 (Classroom sessions)



Central Academy for State Forest Service, Dehradun

THREE DAYS SPECIALISED TRAINING ON “Nature Interpretation for Conservation”

20th to 22nd December 2023

Schedule



Date / Time	Session I		Session II		Session III		Session IV
	0945 -1130		1145-1315		1430-1600		1615-1715
20.12.2023 (Wed)	Inaugural Session/ Conservation through Interpretation (AB)	Tea Break	Citizen Science & Birding (SK)	Lunch Break	Nature Interpretation – Success Story from Corbett Gram Vikas Samiti (MP)	Tea Break	Participants Session
21.12.2023 (Thu)	Field Visit (Rajaji National Park – Ecotourism Zone Chaurasi Kutiya)						
22.12.2023 (Fri)	Lepidoptera as a focal species for conservation & livelihoods in the Himalayas (SS)	Tea Break	Foresters case study on Nature Interpretation (AR)	Lunch Break	Nature Interpretation – Success Story from Devalsari Society (AP)	Tea Break	Feedback/Valedictory Session

Abbreviations:

AB : Ms. Anjali Bhartari, Heritage Interpreter, Author & Sustainable Tourism Specialist

SK : Mr. Sipu Kumar, Ph. D., Scholar, WII

MP : Mr. Mohan Pandey, Chairman, Gram Vikas Samiti, Chotii Haldwani

SS : Mr. Sanjay Sodhi, Founder Titli Trust, Dehradun

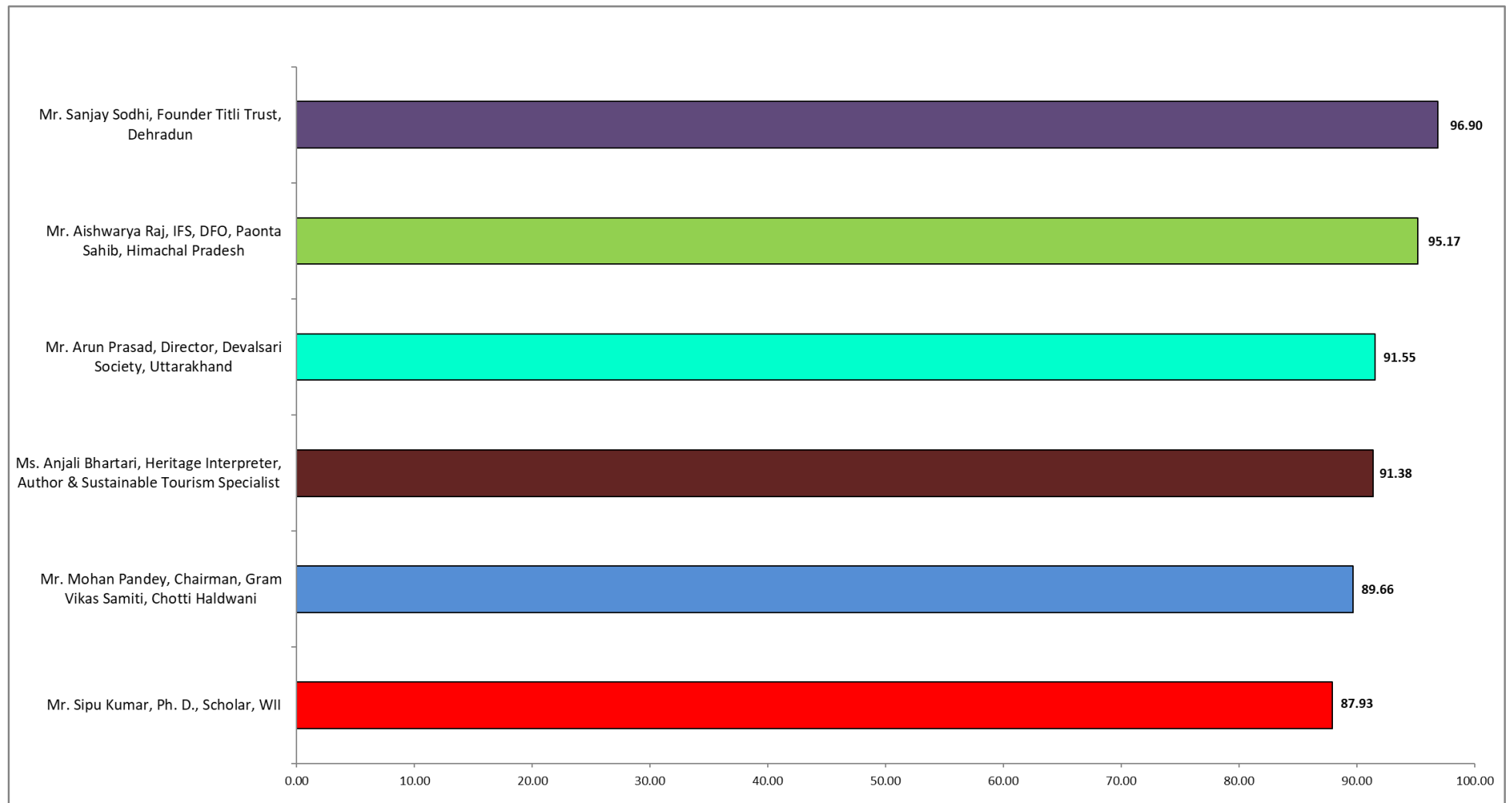
AR : Mr. Aishwarya Raj, IFS, DFO, Paonta Sahib, Himachal Pradesh

AP : Mr. Arun Prasad, Director, Devalsari Society, Uttarakhand

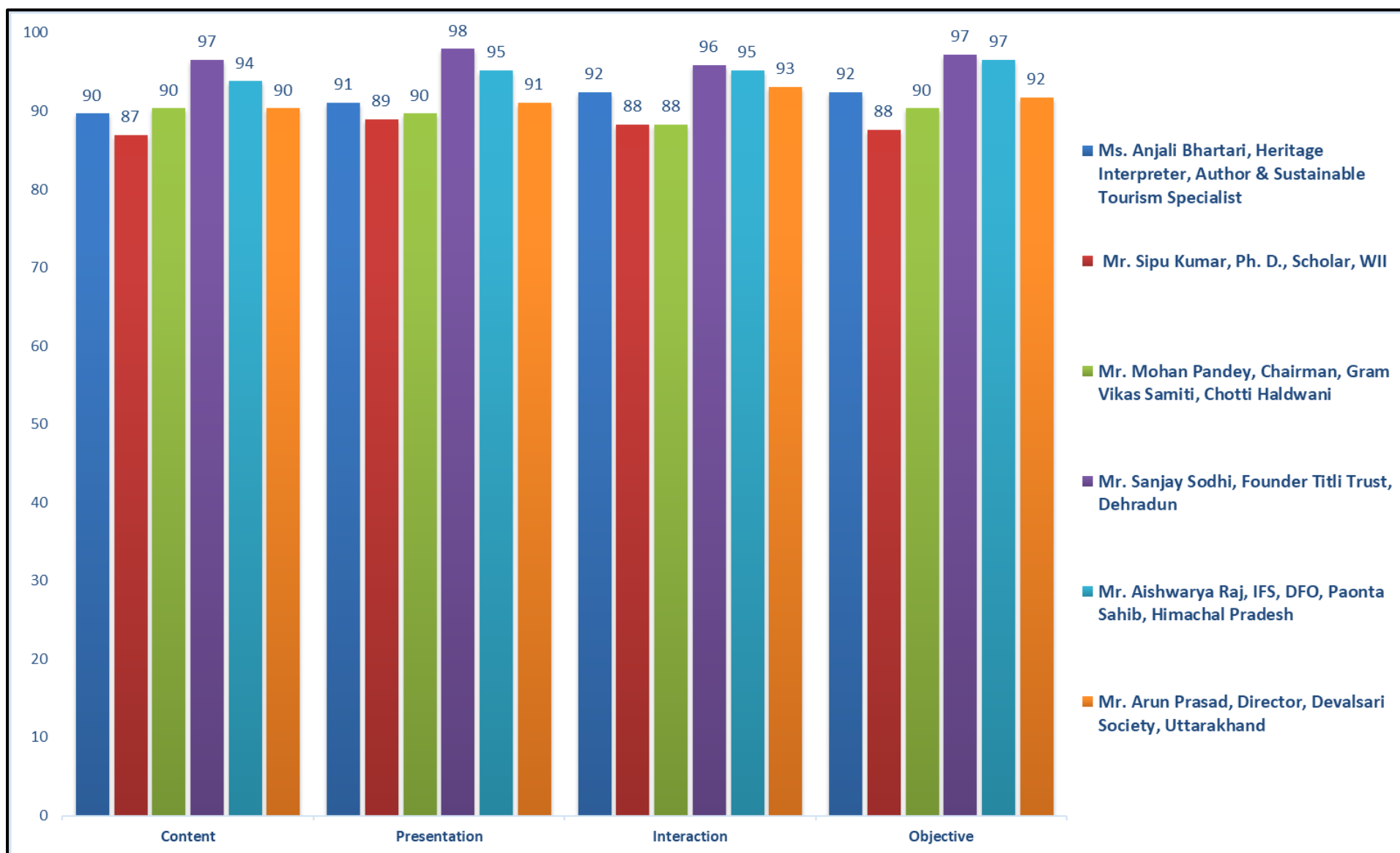
Course Director



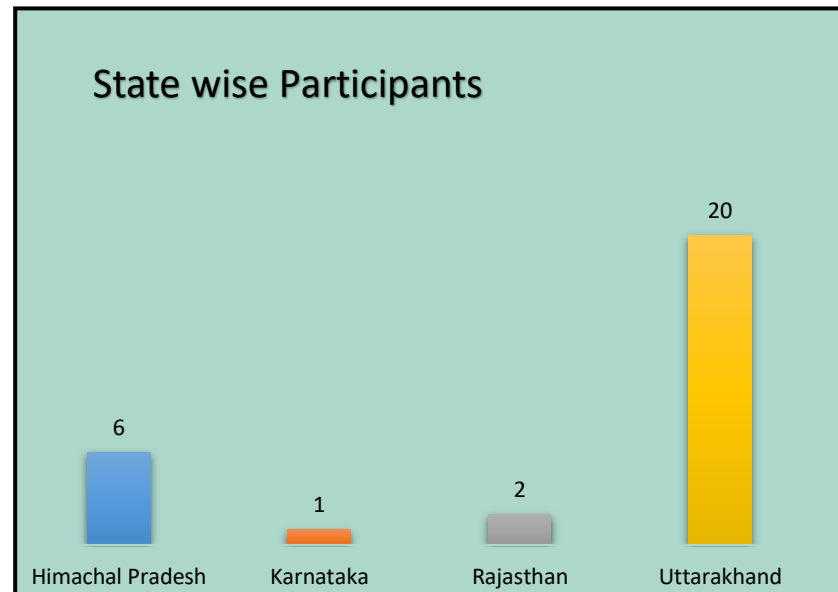
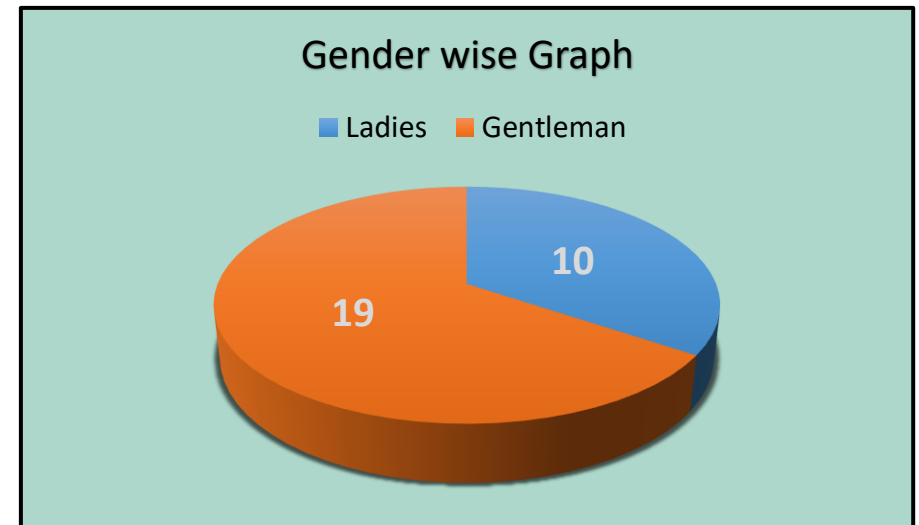
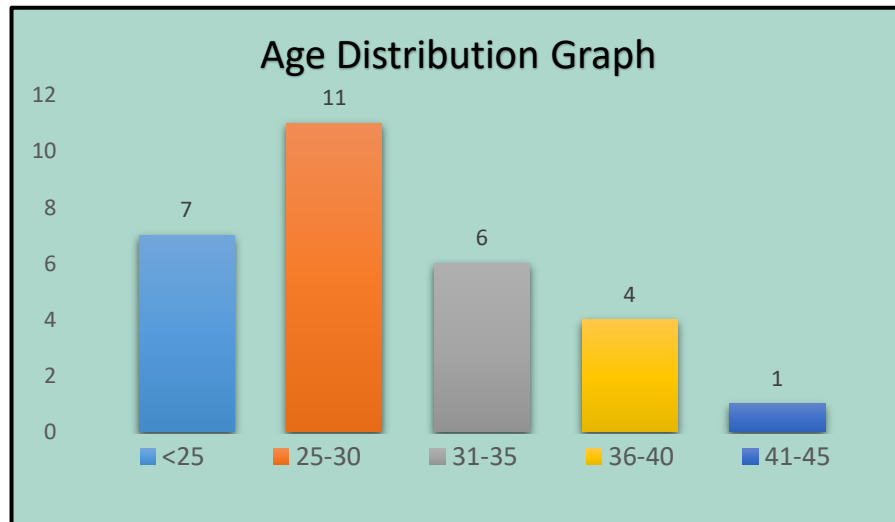
Certificate Distribution and Valedictory Session



Overall Feedback of Resource Persons on all Parameters



Parameter wise breakup of feedback of Resource Person



CENTRAL ACADEMY FOR STATE FOREST SERVICE, DEHRADUN

Three days Training Programme for Other Stakeholders on "Nature Interpretation for Conservation"

For Academicians, Wildlife Biologists, Tiger Conservation Foundation Experts and Nature Interpretation Experts etc.

20th to 22nd December, 2023



- Sitting Row (L - R)** : Mr. Amlendu Pathak, IFS (Lecturer), Dr. T. Beula Ezhil Mathi, IFS (Lecturer & Course Director), Mrs. Meenakshi Joshi, IFS (Principal - CASFOS), Mrs. Anjali Bhartari, Heritage Interpreter (Author & Sustainable Tourism Specialist), Mr. Ankit Gupta, Scientist-C
- Standing Row 1 (L - R)** : Mrs. Kanchan Jaira, Mrs. Bhawana Bhatt, Mrs. Gayatri R Badiger, Ms. Bhawana, Ms. Neha Bhandari, Ms. Deepika Joshi, Mrs. Shiwani Gusain, Mrs. Kiran, Ms. Priyanka Rawat, Mrs. Radha Rana
- Standing Row 2 (L - R)** : Mr. Karamjeet Singh, Mr. Mukesh Meena, Mr. Ranvir Singh, Mr. Vijaypal Meena, Mr. Kamal Dani, Mr. Neeraj Chand, Mr. Tarun Bhatt, Mr. Vipin Kumar Kaundal, Mr. Rishabh Mahara
- Standing Row 3 (L - R)** : Mr. Ashish Rawat, Mr. Deepak Satyavali, Mr. Neeraj Vashist, Mr. Gaurav Chauhan, Mr. Rajid Hussain, Mr. Rajat Chauhan, Mr. Yogesh Pandey, Mr. Amit Negi, Mr. Rahul Chauhan, Mr. Mohd Sajid

Group Photograph