



Training on Linkage Between River Conservation and Livelihood



भारतीय वन्यजीव संस्थान
Wildlife Institute of India



Training on Linkages between Conservation and Economy under Jalaj Initiative

28th February - 3rd March 2023

Wildlife Institute of India, Dehradun, Uttarakhand



Dated: 28th February to 3rd March, 2023
Venue: Wildlife Institute of India, Dehradun

TRAINING ON LINKAGE BETWEEN RIVER CONSERVATION AND LIVELIHOOD

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Background

Four days national training programme entitled “Linkage between river conservation and livelihood” for Ganga praharis or the Guardians of the Ganga was conducted under the Wildlife Institute of India - National Mission for Clean Ganga project "Planning and Management for Aquatic Species Conservation and Maintenance of Ecosystem Services in the Ganga River Basin", at Wildlife Institute of India, Dehradun from 28th February to 3rd March, 2023. The primary aim of the training program was to improve the livelihoods of the communities residing in the basin while also boosting their conservation endeavors. The four-day workshop was designed to facilitate the acquisition of new concepts and enhance their conservation efforts. A total of 58 selected Ganga praharis from Uttarakhand, Uttar Pradesh, Madhya Pradesh, Jharkhand, Bihar and West Bengal participated in this training programme. These participants have been actively involved with the project as Ganga Praharis since 2017 and spearheading along the main stem Ganga and its tributaries.

Team Members:

Resource personnel and WII team were comprised of the following members:

Dr. Ruchi Badola, Scientist G; Dr. Sivani Barthwal, Project Scientist; Dr. Pariva Dobriyal, Project Scientist; Dr. Sangeeta Angom, Project Scientist and Training coordinator; Dr. Sandya Joshi, Consultant; Ms. Hemlata Khanduri, Ecodevelopment Officer; Mr. Gokulkrishnan, Project Fellow; Mr. Pichaimutthu Gangaianaran, Project Fellow; Ms. Ekta Sharma, Project Fellow; Mr. Prashant Tariyal, Project Fellow; Mr. Uttaran Bandopadhyay, Project Fellow; Ms. Krishna Venugopal, Project Fellow; Ms. Sweta Gupta, Project Fellow; Mr. Krishna P. Upadhyaya, Project Fellow; Ms. Umama Khan, Aquatic Botanist; Ms. Mansi Bijalwan, Project Assistant; Ms. Priti Shukla, Project Assistant; Ms. Sunidhi Mishra, Project Assistant; Mr. Sachin Chauhan, Project Assistant; Ms. Maham Raza Haider, Project Assistant; Mr. Pawan Katiyar, Project Assistant; Ms. Priya Prajapati, Project Assistant; Mr. Rahul Gupta, Finance expert, Mr. Gaurav Verma, Project Assistant; Ms. Prabha Thapa, Project Intern, Ms. Deepika Verma, Project Intern; Ms. Shivangi, Project Intern; Ms. Payal Aswal, Project Intern and Anshul Bhawsar, Project Intern.

External resource personnel were, Ms. Ranjini Menon, Homestay Owner and Mr. Vikas Baloni, Entrepreneur, Ms. Geetha Sree, Mr. Anil Bhatt, Beekeeping Expert, and Mr. Tanveer Alam, Packaging Expert.

Participants:

The training program was attended by 58 Ganga Praharis from different states of the Ganga river basin, i.e. Uttarakhand, Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand and West Bengal. Detailed list of participants is provided in the participants database (Annexure 1).

Day 1

Inaugural session

The first day of the training program started with the registration of participants. Inaugural session started with welcome address Ms. Hemlata Khanduri, Ecodevelopment Officer. She also apprised the participants about the Arth Ganga initiative launched in 2019, which is a sustainable model aimed to promote economic activities that are related to the conservation of the Ganga river. She also informed that, the purpose to establish Jalaj is to create livelihood opportunities for people living in the Ganga basin and encourage them to contribute to conservation of aquatic ecosystem. The workshop will enhance skills of participants and enable them to effectively manage the Jalaj at their respective sites. Dr. Ruchi Badola, Scientist G and Registrar, WII, addressed the gathering and talked about the WII-NMCG initiative and highlighted the concept, significance, and importance of Jalaj. She encouraged everyone to work together towards the conservation of Ganga river and its biodiversity without jeopardizing their livelihood capacities. The inaugural session ended with vote of thanks by Dr. Pariva Dobriyal, Project Scientist, followed by a group photograph.

Technical session 1: introduction to WII-NMCG Project

The technical session began with an overview of the WII-NMCG Phase II project by Dr. Sivani Barthwal, Project Scientist. She presented activities and progress conducted under the project. She highlighted the various activities that are been conducted by the Ganga Praharis at their respective sites. Thereafter, Dr. Pariva Dobriyal, Project Scientist, discussed about the necessity of community participation in biodiversity conservation and role of Ganga Praharis in it. Ms. Hemlata Khanduri, Ecodevelopment Officer, presented the Jalaj concept and activities being conducted under the initiative.

Technical session 2: enhancing livelihood for effective conservation

In the technical session 2, Ms. Ranjini Menon, owner of Turmerica Plantation Homestay, Kerala, provided useful information regarding management of homestays and eco-tourism. She explained methods and approaches to be used for building and running resource homestay or eco-tourism centres along the Ganga river. Thereafter, Mr. Vikas Baloni, Cafe owner, Dehradun shared his experience about café management. The session ended with a lecture by Mr. Anil Bhatt on beekeeping, production and preservation, and marketing of honey. He emphasized on the importance of natural forest and grassland system along with natural horticulture and farming for high nutrition and high value honey.

Day 2

Day 2 started with the visit of WII-nature trail lead by Mr. Pichaimutthu Gangaiamaran and Mr. Gokulkrishnan, Mr. Uttaran Bandopadhyay, Ms. Priya Prajapati, Ms. Umama Khan, and Mr. Anshul Bhawsar where the participants were introduced to techniques of bird watching and plant identification. Importance of wetlands for migratory birds were also discussed in this session.

Technical session 3: hospitality management

The session on hospitality management was conducted in the Institute of Hotel Management, Dehradun. Participants were trained in various aspects of hospitality and management such as house keeping, cleanliness, customer services, behavior, presentation, table management, food production and quality check etc. Interaction on value addition of local products, marketing and mainstreaming the services was also conducted. Financial and promotional factors were also discussed during this session.

Day 3

On the third day an exposure visit was conducted to Chaani Churrani Homestay in Chakrata region in Dehradun district. The homestay owner, Mr. Narendra Rawat, provided an overview of the homestay, its management and collaboration with the local community and products. He also discussed that only locally available construction material has been used to build the homestay and original landscape has been kept intact. These homestays exhibit the heritage of the Chakrata region. A combination of traditional infrastructure and mesmerizing natural beauty makes this place most attractive for nature lovers. Participants also got ideas about rainwater harvesting and delectable cuisines that are freshly prepared from organic products. Implications of knowledge acquired from these homestays helped the participants to build up eco-tourism sites in their respective places.

This was followed by a session with Mr. Vivek Kumar, a successful entrepreneur, and founder of XRA- Extreme Real Adventure. XRA specializes in providing skiing lessons in the upper Himalayan region. He emphasized the importance of promoting activities with low environment impact that enhance the local livelihoods. Mr. Janmajai Dhasmana, owner of a homestay in Jaharikhal, Pauri Garhwal district, discussed the importance of locally available products in the business.

Day 4

Technical session 4: business management

The fourth and final day started with a lecture on business management, by Ms. Geetha Sree, individual consultant of United Nations Development Programs, Dehradun. She explained the requirement of behavioral skills, marketing, and promotions for running a business. She also emphasized the use of digital platforms for the promotion of the homemade products prepared by Ganga Praharis. During this session, participants were engaged in various interactive games. These activities helped the participants to learn essential skills such as entrepreneurship, behavioral competencies, team building, marketing and promotion techniques. Ms. Ekta Sharma, Project Fellow gave a lecture on waste management. She also provided information regarding nondegradable and biodegradable waste and hazardous impact of plastic on aquatic animals and human health. She emphasized that activities such as plastic packaging of products, waste generated from Jalaj safaris, and littering of food packets have caused harm to the environment and concluded her session by informing the need to reduce plastic waste by reusing, recycling. The session continued with Mr. Tanveer Alam, who explained the importance of cost-effective and biodegradable packaging in the food processing business. A lecture by Mr. Rahul Gupta and Mr. Gaurav Verma included methods of record keeping, accounting and financial management.

Valedictory session

Later on, there was an interactive session for the participants in which they presented their Jalaj outlines. Distribution of certificates marked the end of the four days of training programme.

Agenda
Training on Linkages between River Conservation and Livelihoods
28th February - 3rd March 2023
Wildlife Institute of India, Dehradun, Uttarakhand

Day 1: 28.02.2023		
INAUGURAL SESSION		
0930-1000 hrs	Registration	Maham Raza Haider, Sunidhi Mishra, Mansi Bijalwan
1000-1005 hrs	Welcome	Hemlata Khanduri, Ecodevelopment Officer
1005-1015 hrs	Objectives of the workshop	
1015-1030 hrs	Role and vision of Wildlife Institute of India	Dr. Ruchi Badola, Scientist G& Registrar, Nodal Officer WII-NMCG Project
1030- 1050 hrs	Vote of thanks	Dr. Pariva Dobriyal, Project Scientist
1050-1115 hrs	Group photo and Tea Break	
TECHNICAL SESSION 1: INTRODUCTION TO WII-NMCG PROJECT		
1115-1200 hrs	WII-NMCG project - Ganga Biodiversity conservation: an overview	Dr. Shivani Barthwal, Project Scientist
1200-1230 hrs	Community participation in biodiversity conservation	Dr. Pariva Dobriyal, Project Scientist
1230-1345 hrs	Lunch	
TECHNICAL SESSION 2: ENHANCING LIVELIHOOD FOR EFFECTIVE CONSERVATION		
1415-1500 hrs	JALAJ concept and activities : Linking Conservation with Livelihoods	Hemlata Khanduri, Ecodevelopment Officer
1500-1600 hrs	Homestays and Eco-tourism - opportunities and challenges	Ranjini Menon
1600- 1615 hrs	Tea	
1615-1700 hrs	Café management	Vikas Baloni
1700-1745 hrs	Bee keeping and marketing	Anil Bhatt
Day 2: 01.03.2023		
0700- 0800 hrs	Visit to WII nature trail	Pichaimutthu Gangaianmaran, Gokulakrshnan Uttaran Bandhopadhyay, Priya Prajapati, Umama Khan, and Anshul Bhawsar
TECHNICAL SESSION 3: HOSPITALITY MANAGEMENT		
0930 hrs onwards	Visit to Institute of Hotel Management, Dehradun	Hema Pant, Maham Raza Haider, Sunidhi Mishra, Prashant Tariyal, Pawan Katiyar
Day 3: 02.03.2023		
0730 hrs onwards	Exposure visit at Chakrata	Sunita Rawat, Rahil Khan, Prashant Tariyal, Krishna Venugopal, Pawan

		Katiyar, Hema Pant, Maham Raza Haider, Sunidhi Mishra
Day 4: 03.03.2023		
TECHNICAL SESSION 3: BUSINESS MANAGEMENT		
0930- 1300 hrs	Business management (behavioural skills, marketing and promotions)	Geetha Sree
1300-1345 hrs	Waste management	Ekta Sharma
1345-1430hrs	Lunch	
1430-1530 hrs	Sustainable and cost efficient green packaging	Tanveer Alam
1530-1630 hrs	Finance/Accounting/Record maintenance	Rahul Gupta and Gaurav Verma
1630-1730 hrs	Feedback and valedictory session	

List of participants

S. No.	Name	Designation	Address
1	Bappaditya Mistri	Field Assistant, Jalaj Sundari	Pakhirala, Gosaba, South 24 Parganas, West Bengal
2	Saurav Kar	Field Assistant, Jalaj Nisarga	Alipore, West Bengal
3	Adnan Khan	Ganga Prahari	Pilibhit, Puranpur, Uttar Pradesh
4	Jaya Jana	Ganga Prahari, Jalaj Sundari	Bali, Gosaba, West Bengal
5	Anima Sardar	Ganga Prahari, Jalaj Sundari	Bali, Gosaba, West Bengal
6	Suman	Ganga Prahari	Saidabad, Prayagraj, Uttar Pradesh
7	Anjali	Ganga Prahari	Saidabad, Prayagraj, Uttar Pradesh
8	Priyanka	Ganga Prahari	Narora, Uttar Pradesh
9	Radhika Chauhan	Field Assistant	Uttarkashi, Uttarakhand
10	Sumitra	Ganga Prahari	Uttarkashi, Uttarakhand
11	Neeraj Sahu	Field Assistant	Ayodhya, Uttar Pradesh
12	Amrit Lal	Ganga Prahari	Ayodhya, Uttar Pradesh
13	Prameet Kumar	Ganga Prahari	Sukrataal, Muzaffarnagar, Uttar Pradesh
14	Pramod	Ganga Prahari	Sukrataal, Muzaffarnagar, Uttar Pradesh
15	Vinod	Ganga Prahari	Narora, Uttar Pradesh
16	Pankaj	Field Assistant	Muzaffarnagar, Uttar Pradesh
17	Janmaijai Dhasmana	Ganga Prahari	Jaiharikhal, Pauri Garhwal, Uttarakhand
18	Jitendra Kumar	Ganga Prahari	Prayagraj, Uttar Pradesh
19	Umesh Kumar	Ganga Prahari	Bijnor, Uttar Pradesh
20	Anil	Ganga Prahari	Bijnor, Uttar Pradesh
21	Barun Kumar Mondal	Field Assistant	Sahibganj, Jharkhand
22	Adityab Kumar Mondal	Ganga Prahari	Sahibganj, Jharkhand
23	Manoj Nishad	Ganga Prahari	Bhupatwala, Haridwar, Uttarakhand
24	Prakash Singh	Ganga Prahari	Village Lyari Thana, Chamoli, Uttarakhand
25	Rahul Yadav	Project Assistant	Sarnath, Varanasi, Uttarkashi
26	Vivek Panwar	Ganga Prahari	Auli, Joshimath, Chamoli, Uttarakhand
27	Amrita Bijalwan	Student, Jalaj Anand Sagar	Naitala, Uttarakhand
28	Anil Bhatt	Ganga Prahari	Shuklapur, Prem Nagar, Dehradun, Uttarakhand

29	Ratan Halder	Field Assistant, Jalaj Chitrangada	Farakka, West Bengal
30	Ramprasad Biswas	Ganga Prahari	Bandel, West Bengal
31	Chiranjit Sarkar	Ganga Prahari, Jalaj Aikaant	Bandel, West Bengal
32	Himanshu	Ganga Prahari	Bagaha, Bihar
33	Amar Kumar	Ganga Prahari	Simaria Ghat, Begusarai, Bihar
34	Shaban Khan	Field Assistant, Jalaj Safari	Kannauj, Uttar Pradesh
35	Mahdav	Ganga Prahari	Kannauj, Uttar Pradesh
36	Shekhar Halder	Ganga Prahari, Jalaj Chitrangada	Farakka, West Bengal
37	Sonu Singh	Ganga Prahari, Jalaj Shashwat	Ayodhya, Uttar Pradesh
38	Abhishek	Ganga Prahari, Jalaj Shashwat	Ayodhya, Uttar Pradesh
39	Sajal Kanti Kayal	Ganga Prahari, Jalaj Aarya	Diamond Harbour, Kolkata, West Bengal
40	Suparna Kayal Mondal	Ganga Prahari	Diamond Harbour, KMSWS, West Bengal
41	Pranita Mondal	Ganga Prahari	KMSWS, West Bengal
42	Munni Devi	Ganga Prahari	Pirola, Pandu Keshav, Chamoli, Uttarakhand
43	Heera Devi	Ganga Prahari	Champawat, Kanda, Uttarakhand
44	Saraswati Behra	Ganga Prahari	Tanakpur, Champawat, Uttarakhand
45	Pooja Meher	Ganga Prahari	Ucholighot, Champawat, Uttarakhand
46	Kunti Devi	Ganga Prahari	Champawat, Kanda, Uttarakhand
47	Narendra Rawat	Ganga Prahari	Tehri Garhwal, Uttarakhand
48	Pooja Rawat	Ganga Prahari	Tehri Garhwal, Uttarakhand
49	Khushboo	Ganga Prahari, Jalaj Prayaas	Katiya, Muzaffarnagar, Uttar Pradesh
50	Rajani	Ganga Prahari, Jalaj Prayaas	Katiya, Muzaffarnagar, Uttar Pradesh
51	Renu Gupta	Ganga Prahari, Jalaj Safari	Varanasi, Uttar Pradesh
52	Suman Kumari	Ganga Prahari, Jalaj Safari	Varanasi, Uttar Pradesh
53	Meera Devi	Ganga Prahari, Jalaj Safari	Varanasi, Uttar Pradesh
54	Munni Devi	Ganga Prahari, Jalaj Safari	Varanasi, Uttar Pradesh
55	Ashish Sharma	Ganga Prahari, Jalaj Charmanyavati	Morena, Deori, Madhya Pradesh
56	Rohit Rajwar	Ganga Prahari	Uttarkashi, Uttarakhand
57	Gaurav Sinha	Ganga Prahari, Jalaj Amala	Bhagalpur, Bihar
58	Divyanshu Raj	Ganga Prahari, Jalaj Amala	Bhagalpur, Bihar

PHOTO GALLERY



Welcome address by Ms. Hemlata Khanduri



Inaugural Address by Dr. Ruchi Badola



Vote of thanks by Dr. Pariva Dobriyal



Group photograph



Dr. Shivani Barthwal presenting project overview



Mr. Vikas Baloni sharing his experience on café management



Mr. Anil Bhatt talking on beekeeping, honey preservation, packaging and marketing



Visit to WII nature trail



Visit to Institute of Hotel Management, Dehradun



Exposure visit to Homestay Chani Churrani, Chakrata



Ms. Geeta Shree conducting session on business management



Ms. Ekta Sharma talking about waste Management



Mr. Rahul Gupta and Mr. Gaurav Verma talking about record keeping and finance management



Certificate distribution