

## **COURSE REPORT**

## of Training for Other Stakeholders on "CONSERVATION EDUCATION"

11<sup>th</sup> to 13<sup>th</sup> October, 2022 for

**Teacher & Students of Eco-clubs & Educational Institutions** 





**Central Academy for State Forest Service, Burnihat** 

**Ministry of Environment, Forest & Climate Change** 

**Government of India** 

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#### **EXECUTIVE SUMMARY**

The Central Academy for State Forest Service (CASFOS), Burnihat 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 training programme for Teachers & Students of Eco-Clubs and Educational Institutions from 11<sup>th</sup> to 13<sup>th</sup> October, 2022 on the theme "Conservation Education" as part of Training of other Stakeholders programme. The Ministry of Environment, Forest and Climate Change, Government of India sponsored this training and hence this training programme on "Conservation Education" theme for Teachers & Students of Eco-Clubs and Educational Institutions was planned and organised. The training was conducted on Offline mode. 35 participants from 2 States i.e. from Assam and Meghalaya participated with overwhelming enthusiasm in this training programme.

The National Green Corps (NGC) popularly known as "a programme of Eco-clubs" is a nationwide initiative of the Ministry of Environment, Forest and Climate Change launched under the Environment Education Awareness and Training (EEAT). The scheme is being operated through Eco-clubs of 25-30 students having interest in environment related issues, formed in member schools. Eco clubs are supervised by a Teacher In-charge, who is selected from among the teachers of the member school.

The Course was inaugurated by the Chief Guest Mr. M K Yadava IFS, Principal Chief Conservator of Forest and Head of Forest Force, Government of Assam. The Course Director of the training, Shri C. A. Rahman IFS (Retd.), Consultant-C (Contractual Training Faculty), CASFOS, Burnihat welcomed the Chief Guest & participants and gave a brief presentation about the Course. Dr. C. Ramesh, Principal in his opening remarks emphasized the role of teachers in shaping the future of the country and expressed his belief that this training through sensitization of teachers, particularly the teachers in-charge of Eco-Clubs and students would achieve the goal of nature conservation. He urged the participants to observe their immediate natural environment including flora & fauna for better understanding of the nature. The Chief guest, Mr. M K Yadava IFS PCCF & HoFF, Government of Assam in his inaugural address told that the school education system through Eco clubs gave space to the young minds to think and do out of the box beyond the curriculum and know about the importance of environment. He further emphasized that Eco clubs not only have impact on students but also on the parents and the neighborhood. He asked to strengthen the existing linkage between the Forest department and Eco clubs

to make the Environment Conservation efforts effective and efficient. And he also mentioned that assessment of Eco clubs is also needed and do play a role in mobilizing resources in Environment Conservation.

Guest Speakers/Resource persons like Dr. Pranav Trivedi, Conservationist, Navsari, Gujarat, Mr. S. Karthikeyan, Naturalist, Jungle Lodge Resorts, Karnataka, Dr. Narayan Sharma, Assistant Professor, Cotton University, Guwahati, Mr. C. Srinivasan, Project Director, Indian Green Service, Vellore, Tamil Nadu, deliberated on various Environment Conservation related topic in this training programme. The topics covered in this training were Overview of Conservation issues in India; Back to Nature; Wildlife amidst humans; Citizen Science and Integrated & Sustainable Solid and Liquid Resource management (SLRM). Besides the Lecture room sessions, the participants were taken for a Nature Walk and Bird watching in the morning for two hours on 12th &n 13th Oct. 2022; and also, the demonstration of some of the activities under SLRM programme. Mr. D. Mathur IFS(Rtd), Former Principal Chief Conservator of Forests and HoFF, Government of Assam was Chief guest in the Valedictory session and handed over the Certificate of Completion to the participants. In his valedictory speech, he also emphasized and urged the teachers and students to come forward and work for the message of Conservation of Natural Resources and environment among the common people and students. The detailed time table showing session-wise topics and Resource Persons is enclosed as Annexure- 4.

A total of 55 teachers & Students from 02 states (Assam & Meghalaya) registered for the training out of which 35 participants (13 teachers & 22 Students) participated in the training programme of which 10 and 25 were female and male respectively. The training programme was very well appreciated by the participants who also requested for more of such training programmes regularly, for keeping up the momentum of environment conservation ideas. They also requested for State and district level trainings of teachers in charge of Eco clubs for maximum participation of Schools and Colleges. The Participants also urged for collaboration of Forest Department and Education Department in the States for effective implementation of Environment Conservation at the field level.

The soft copies of the presentations made by the experts in each session were provided to each participant as part of the training kit/ material in pen drive.

Format for reporting evaluation of Training 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		MoEF&CC No.15-2/2022-RT(Stakeholders) dated 17.05.2022 & 28.07.2022 DFE letters No. 4-898/Trg-II/DFT-2022/641-43 dated 20.05.2022 & 2225 dated 06.09.2022 & 2225 dated		
Institut	e's reference number	CASFOS/BHT/10-244/CE/2022-23/211-12 dated 20.05.2022 & 699 dated 01.09.2022		
1.	Name and complete address of the Institute (including phone, fax and e-mail)	Central Academy for State Forest Service, Burnihat Email: <a href="mailto:casfosburnihat@gmail.com">casfosburnihat@gmail.com</a>		
2.	Title of the course	Conservation Education		
3.	Duration & period of the Course	Three Days 11 <sup>th</sup> to 13 <sup>th</sup> October, 2022		
4.	Name & designation of the Course Director	Shri C. A. Rahman IFS (Retd.), Consultant-C (Contractual Training Faculty)		
5.	Number of persons participated	35 (Details at <i>Annexure - 6</i> )		
	(a) Did the institute get in touch in advance with the participants of the course?	Yes		
6.1	b) If yes, when (mention the date of Communication to the officers)?	20.08.2022 onwards through mobile, WhatsApp group and Correspondence with School/ Colleges at Assam, Meghalaya were made through Email from 20.08.2022 30.08.2022		
	(c) Details of nomination received prior to the Course	55 (List of nomination received attached)		
	(d) How many persons received the intimation?	All		
	(e) How many persons responded?	35		

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 the form of feedback on prescribed proforma collected during and at the end of the Course
	a) Was the course conducted at the	Yes
	institution's campus? If no, where?	
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.?	Residential and in the Academy's own hostel & campus
	(a) Total no. of working days in the	3 days
	course	
	(b)Total no. of sessions	11
7.2	planned/covered in the course	
	€ No. of sessions, which could not be conducted as planned with reasons	NIL
	(d) Internal faculty hours	10 hrs 30 minutes
	€ Guest faculty hours	13 hrs 30 minutes
	(f) No. of days / hours spent on field	3 days / 10 hours
	visit(s), if any	
Enclos	sure (2 copies each):	
-	Final course time-table	
_	List of faculties (both in-house and gues	st faculty)
-	Final list of participants	
-	Course Flier	
-	Attendance sheets of 3 days	
-	Feedback forms received from Participa	
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, This Academy has conducted training on this theme for teachers / In-charge of Eco-clubs in previous years also but the same were conducted on ONLINE mode.
L		

	(b) What changes based on feedback received in the previous course were made in the current course?	ous						
9	Abstract of the feedback received from current Course participants refers to questions related to Course Contents, Training Faculty, Usefulness of the Course, Overall impression about the Course, Logistics etc are shown below.							
9.1	Course Content and Structure (CCS)	In overall, Course Content & Structure have been highly appreciated by participants with <b>86.61%</b> rating. Participants agreed that the Course aim was met to their full satisfaction & rated it 90.71%. There was increase in knowledge level of the participants as assessed with 85.00% rating. The content of the course and reading material were found to be relevant and the participants highly appreciated it by rating of 85.71% and 85.00% respectively.						
9.2	Training Faculty (TF)	The participants have overall rated the training faculty at <b>85.41%.</b> Training faculty and their lectures were highly appreciated by the participants by rating the Contents of their deliberations, Presentation skill, Quality of discussion/interaction and the extent in meeting the objectives at 87.33%, 85.60%, 84.94% and 82.01% respectively. The Field visits were also appreciated and rated 85.86%,						
9.3	Usefulness of the course (UOC)	The participants have given overall feedback that thetraining course will be highly useful to them by rating <b>85.71%.</b> As per them, it will be highly useful immediatelyand in future for their job with ratings of 82.86% and 88.57% respectively.						

9.4	Overall impression about the	Overall, the participants have highly
	Course (OIC)	appreciated the Course and rated about
		overall impression of the course with rating
		80.71%
9.5	Participants' views about the	Overall the participants have appreciated the
	strengths and weaknesses as	course. The suggestions made by them along
	well as other aspects pertaining	with Academy's/ Course Director's comments
	to the course	are attached. (Annexure-1)
9.6	Logistics (including Residential	Overall rating for Logistics is 87.94%.
	accommodation, Food quality,	Accommodation was well appreciated by all of
	Class room facilities, Computer	the participants since they were made to stay in
	facilities and Recreation facilities	the newly constructed and well-furnished
	and Time management etc.)	Executive Hostel where modern amenities were
		made available to them, and the participants
		rated it as 95.88%. Food quality has been
		appreciated with no complaints and the
		participants rated it as 83.24%, Most of the
		participants have commented that the Course
		have been organized well with proper time
		management (85.00%) and the Classroom/
		Conference room facility were also rated as
		87.65%.
9.7	Weighted Average of the course	The weighted average of the course has been
		rated as <b>85.11%</b> which is found to be very
		satisfactory
10	General remarks of the Course	The participants were enthusiastic and
	Director on the nature and extent	expressed their keenness to learn. All
	of participant's involvement in the	participants were punctual and appeared very
	course including attendance	interactive during the sessions.
	punctuality and interest evinced	
	<u> </u>	

	Suggestion highlighting the	Feedback received is excellent in all aspects of
11	areas of improvement in the	course design, content, quality, etc.
	Course for future by Course	However, the suggestions to have more such
	Director	training on a regular basis that too in offline
		mode. More number of such training would
		only be possible, if the faculty & staff position
		of this Academy improves.
12	Comments of the Institution on	As reported by the participants, they were
	how the feedback is proposed to	immensely benefitted by the course. Academy
	be recycled into future	will try its level best to incorporate the
	programmes in terms of course	suggestions for further improvement of such
	content, methodology, etc.	Course in future.

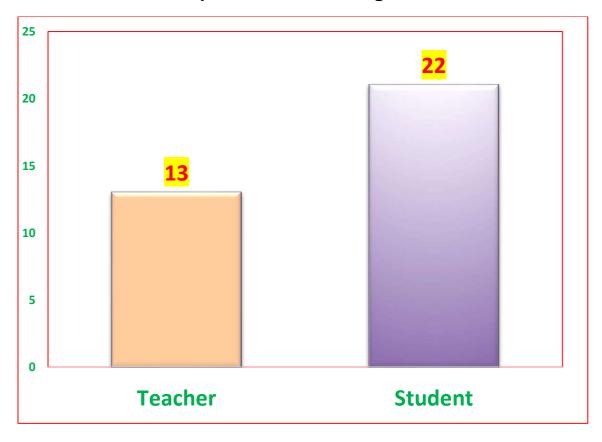
C. A. Rahman FS (Retd.)
Course Director

Countersigned

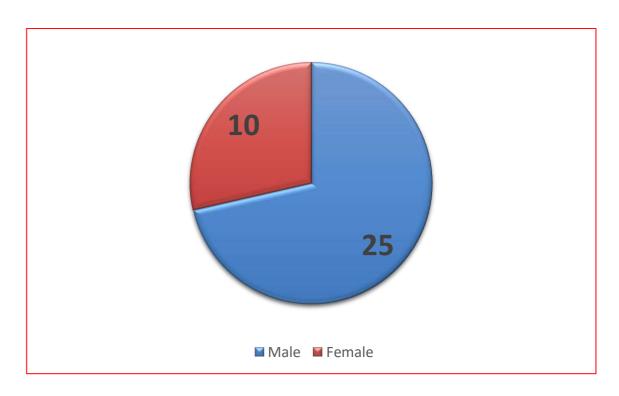
Principal

CASFoS, Burnihat

## Participants of the Training = 35



## **Gender Distribution of Participants**



# 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 theview	Course Director's Comments
1.	Overall the course was excellent, Informative and motivating.	28	Every aspect of the Course was very well taken care of which yielded positive remarks
2.	Training for teachers in charge of Eco clubs is needed regularly on yearly basis.	20	The suggestion is noted and would be conveyed to the concerned authorities for needful action.
4.	Some Participants pointed out that accommodation should be provided on single occupancy basis	17	Since Executive hostel has only twenty rooms, double occupancy was the only option.
5.	The Sound system and network need to be improved	16	There was no issue of Sound system in Conference room where lecture sessions were held. However, during the practical demonstration of SLRM in the auditorium, due to old audio system, there were issue of sound. The proposal for revamping the audio-visual system in the auditorium is in pipeline. The Network at this Academy is provided by NIC and the interruption of network is beyond our control.
6.	During the field visits, there were delays in reaching the destination due to traffic jam.	10	It was beyond our control, however for future the traffic will be kept in mind while deciding the destination(s) and departure time.

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

#### 1. Course Content and Structure (CCS) = 86.61

- 1.1 Course aims met (90.71)
- 1.2 Increase of knowledge (85.00)
- 1.3 Relevance of content (85.71)
- 1.4 Reading Material (85.00)

#### 2. Training Faculty (TF) = 85.41

- 2.1 Assessment of the Course contents/topics = (84.97)
- 2.2 Contents (87.33)
- 2.3 Presentation (85.60)
- 2.4 Quality of Discussion/Interaction (84.94)
- 2.5 Meeting for Objectives (82.01)
- 2.6. Field Visit Content (85.86)

#### 3. Usefulness of the Course (UOC) = 85.71

- 3.1. How useful to you immediately (82.86)
- 3.2. How useful to be for the future jobs (88.57)

#### 4. Overall Impression about the Course (OIC) = 80.71

#### 5. Logistics (87.94)

- 5.1. Residential Accommodation (90.88)
- 5.2. Food Quality (83.24)
- 5.3. Class room facility (87.65)
- 5.4. Time Management (85.00)

#### 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%) + 
$$L(75\%)$$
 \*100/450

$$WA = (86.61 + 85.41 + 64.28 + 80.71 + 65.96)*100/450 = 85.11\%$$

#### **DETAILS OF TOPICS & RESOURCE PERSONS**

S. No.	Topic	Name of Resource Person	Mobile No.	E-mail
1.	Back to Nature	Dr. Pranav Trivedi	9913001421	tpranav70@gmail.com
2.	Nature Walk and Wildlife amidst Human / Bird watching	Mr. S. Karthikeyan	9449599777	karthik@junglelodges.com
3.	Citizen Science	Dr. Narayan Sharma	8095647720	narayansharma77@gmail.com
4.	Integrated & Sustainable Solid and Liquid Resource Management (SLRM) Project"	Mr. C. Srinivasan	9443318523	velloresrini.slrm@gmail.com







## CENTRAL ACADEMY FOR STATE FOREST SERVICE, BURNIHAT

## Three days training on "Conservation Education"

for

#### **Teacher & Students of Eco clubs & Educational Institutions**

11<sup>th</sup> to 13<sup>th</sup> October, 2022 \*\*\* Schedule \*\*\*

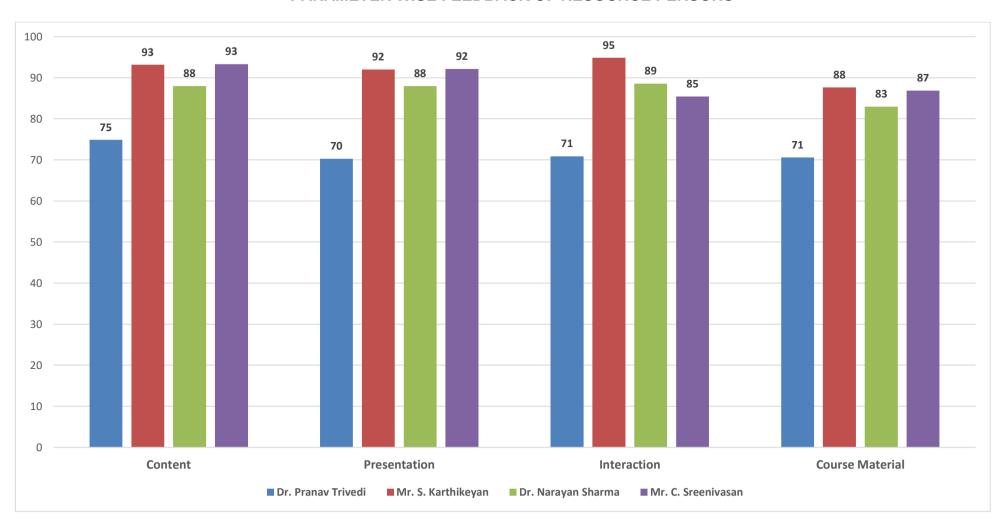
Session		11.10.2022 (Tuesday)	12.10.2022 (Wednesday)	13.10.2022 (Thursday)
I	06.00 - 08.00	Arrival of Participants	Nature walk (SK/ RR)	Bird watching (SK/ RR)
	08.00 - 09.00		Breakfast	
II	09.30 - 11.00	Inaugural session	Wildlife amidst Human	Integrated & Sustainable Solid and Liquid Resource Management (SLRM)
		(MKY/ CR / RC/ RR)	(SK)	(CS)
	11.00 - 11.30		Tea Break	
III	11.30 - 01.00	Back to Nature	Citizen Science	Integrated & Sustainable Solid and Liquid Resource Management (SLRM)
		(PT)	(NS)	(CS)
	01.00 - 02.00		Lunch	
IV	Visit to NE Cane & Bamboo Development Council, Burnihat (RR)		Visit to Deepor Beel, wetland, & Weed to paper innovation Centre, Guwahati ( <b>RR</b> )	Integrated & Sustainable Solid and Liquid Resource Management (SLRM) (CS)  Experience sharing & Valedictory (CR/RC/RR)

#### **ABBREVIATIONS:**

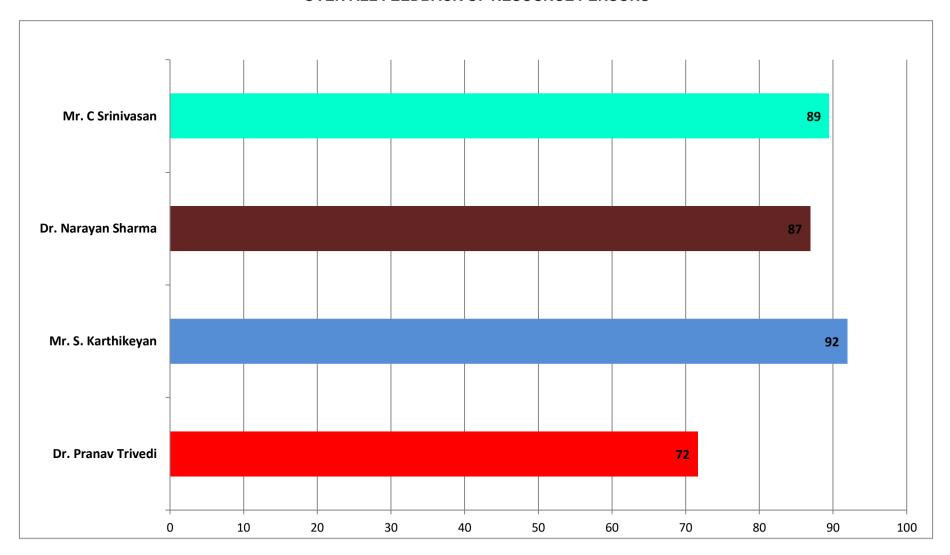
MKY- Mr. M K Yadava IFS, PCCF& HoFF, Assam	NS – Dr. Narayan Sharma, Assistant Professor, Cotton University, Guwahati
CR – Dr. C. Ramesh IFS, Principal, CASFOS, Burnihat	CS – Mr. C. Srinivasan, Project Director, Indian Green Service, Vellore, Tamil Nadu
<b>PT</b> – Dr. Pranav Trivedi, Conservationist, Navsari, Gujarat	RC – Mr. C. A. Rahman IFS (Rtd), Consultant – C (CTF), CASFOS, Burnihat
<b>SK</b> – Mr. S. Karthikeyan, Naturalist, JLR, Karnataka	<b>RR-</b> Dr. Ramkrishnan R, Scientist – C, CASFOS, Burnihat

#### **ANNEXURE - 5**

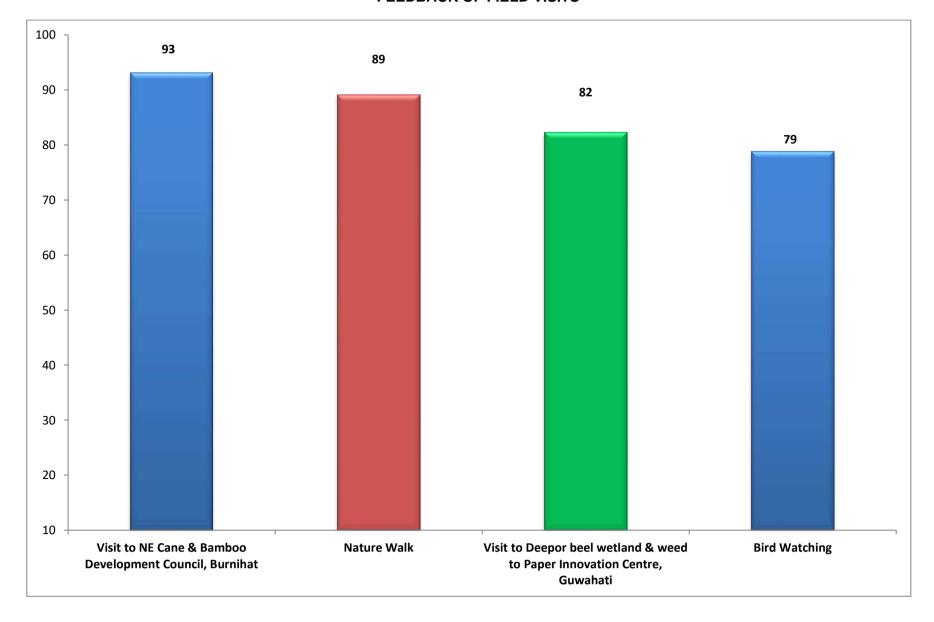
#### PARAMETER WISE FEEDBACK OF RESOURCE PERSONS



#### **OVER ALL FEEDBACK OF RESOURCE PERSONS**



#### **FEEDBACK OF FIELD VISITS**



## **ANNEXURE-6**

## **LIST OF PARTICIPANTS**

SI.	Salu				Personal				
No.	tation	Name of Participant	Age	Gender	Mobile No	Personal Email	Category	Institute / Organization	State
								Indian Institute of Management	
1	Mr.	Albert Lyngdoh	28	Male	9863315129	albert15iang@gmail.com	Student	Shillong	Meghalaya
								Pramathesh Barua College,	
2	Dr.	Aminur Islam Sk	44	Male	9435125391	aminurpbc@rediffmail.com	Teacher	Gauripur, Dist. Dhubri	Assam
3	Dr.	Annajyoti Gogoi	59	Female	9435188051	ajgogoi72@gmail.com	Teacher	Dhemaji College	Assam
4	Dr.	Arjun Adhikari	33	Male	9859274824	arunadhikari399@gmail.com	Teacher	M. C. College, Barpeta	Assam
5	Mr.	Babidol Bareh	20	Male	6909219487	babidolbareh@gmail.com	Student	Jaintia Eastern college, khliehriat	Meghalaya
6	Ms.	Barasha Rani Das	26	Female	7086466491	barashad110@gmail.com	Teacher	Sibsagar Girls College	Assam
7	Mr.	Bhargov Kuntal Kakati	22	Male	7002015018	bhargovkakati76@gmail.com	Student	Dimoria College, khetri,	Assam
8	Mr.	Bidyut Changmai	20	Male	6000895138	changmaib2002@gmail.com	Student	Dhemaji college	Assam
9	Mr.	Bijay Das	20	Male	6001187160	bdas25014@gmail.com	Student	Rangia College, Eco Club.	Assam
10	Mr.	BIRSONG PHANGCHO	25	Male	7002847013	rahulphangcho18@gmail.com	Student	Dimoria College, Khetri,	Assam
11	Ms.	BISHAKHA SAIKIA	25	Female	8812946323	bishakhasaikia123@gmail.com	Student	DIMORIA COLLEGE	ASSAM
12	Mr.	Borun Kathar	40	Male	9678743823	borunkathar007@gmail.com	Teacher	PDUAM College	Assam
13	Dr.	C SATYAJIT RAO	59	Male	9436100116	csraoshg@gmail.com	Teacher	St Anthony's College, Shillong	Meghalaya
								Assam Downtown University,	
14	Mr.	Debanuj Roy	20	Male	9127488309	debanujroy2021@gmail.com	Student	Guwahati	Assam
15	Mr.	Dhiraj Sarma	22	Male	8011448413	sarmadhiraj32@gmail.com	Student	Dimoria college, Khetri,	Assam
16	Mr.	GOPAL CHETTRI	34	Male	7002013655	chetrigopal170@gmail.com	Teacher	School	Meghalaya
17	Dr.	Hitesh Barman	57	Male	8473071423	hbarman2006@yahoo.com	Teacher	Rangia College, Rangia	Assam
								Pramathesh Barua College,	
18	Mr.	Jitu Das	21	Male	6001831948	jitujeetdas@gmail.com	Student	Gauripur, Dist. Dhubri	Assam
19	Mrs.	Jonali Barman	38	Female	8486920930	jonali.barman@rediffmail.com	Teacher	Dimoria college, Khetri, Kamrup(M)	Assam
20	Ms.	Jyotishikha Phukon	19	Female	8638361626	jyotis.1239@gmail.com	Student	Assam DownTown University	Assam

SI.	Salu				Personal				
No.	tation	Name of Participant	Age	Gender	Mobile No	Personal Email	Category	Institute / Organization	State
21	Mr.	Kunal Dutta	21	Male	8135894668	kunaldutta863@gmail.com	Student	PDUAM College	Assam
22	Mr.	Mazidul Ali	20	Male	6009975131	mazidulali2002.ma@gmail.com	Student	Assam Downtown University	Assam
23	Ms.	Merina D Sangma	27	Female	7002130272	merinasangma121@gmail.com	Student	Dimoria College	Assam
24	Ms.	Prahelika saikia	21	Female	6003889762	saikiaprahelika967@gmail.com	Student	Organization	Assam
25	Ms.	Pranati Gogoi	29	Female	8135072603	pranatigogoi01@gmail.com	Teacher	Sonari College	Assam
26	Mr.	Qazi Imran Abid Noorani	37	Male	8800008400	qzi.imran@gmail.com	Student	Indian institute of Management- Shillong	Meghalaya
27	Mr.	Rahul Yadav	20	Male	9289655314	yadavrahul2977@gmail.com	Student	Assam Down Town University	Assam
28	Mr.	Raihan Ahmed	21	Male	8257030579	ahmedraihan8544@gmail.com	Student	St Anthony's College Shillong	Meghalaya
29	Mrs.	Ridalabha Dkhar	37	Female	8415846433	saya03dkhar@gmail.com	Teacher	Jaintia Eastern college, khliehriat	Meghalaya
30	Dr.	Shafiqul Islam Bhuyan	39	Male	9101360097	safibhuyan@gmail.com	Teacher	PDUAM College, Behali,	Assam
31	Mr.	Sujit Kumar Sonowal	33	Male	9954247524	sujitsonowal@gmail.com	Teacher	Women's College, Tinsukia	Assam
32	Mr.	Swapnil Dutta Baruah	19	Male	9864816204	swapnilduttabaruah@gmail.com	Student	Assam Downtown University	Assam
33	Ms.	Syeda Jubi Barnali	20	Female	7002256847	syedajubi20@gmail.com	Student	Assam Down Town University	Assam
		Tarun kumar							
34	Mr.	Debbarma	19	Male	7005877649	kumardebbarmatarun@gmail.com	Student	Assam Down town University	Assam
								Assam downtown university	
35	Mr.	Tuiston D Sangma	22	Male	6009595170	tuiston77@gmail.com	Student	Guwahati	Assam

## **PHOTOGRAPHS**

#### **INAUGURAL SESSION**



Mr. M K Yadava IFS, PCCF & HoFF, Assam



Mr. M K Yadava IFS, PCCF & HoFF, Assam



Session of Dr. Pranav Trivedi



Session of Dr. Pranav Trivedi



NE Cane & Bamboo Development Council



NE Cane & Bamboo Development Council



Session of Shri S. Karthikeyan, Nature walk



Session of Shri S. Karthikeyan, Nature walk



Session of Shri S. Karthikeyan



Session of Dr. Narayan Sharma



Session of Dr. Narayan Sharma



Session of Shri S. Karthikeyan, Bird watching



Session of Shri C. Srinivasan



Session of Shri C. Srinivasan

#### **VALEDICTORY SESSION**



Valedictory session with Mr. D.Mathur IFS(Rtd), Former PCCF & HoFF, Assam



**Feedback Session** 



Certificate distribution





Group Photograph