



INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD

Nov 19th & 20th, 2020

A Report on Two Days Training Programme on Research Methodology and Statistical Tools in Forestry for Technical Staff

Two days training programme on “**Research Methodology and Statistical Tools in Forestry for Technical Staff**” was conducted from 19th & 20th November, 2020 through virtual platform by IFB, Hyderabad for Technical Staff of ICFRE and its institutes.

Shri Pravin H. Chawhaan, Scientist-G & GCR, was the Course Co-ordinator and Dr. G.R.S. Reddy, Scientist-G, was the Training Co-ordinator.

Dr. Rajiv Pandey, Scientist-E, ICFRE, Dehradun, Dr. Girish Chandra, Scientist-C, ICFRE, Dehradun, Dr. Ritesh Tailor, Scientist-C, IWST, Bangalore, Dr. Jawaid Asharf, Scientist-B, ICFRE, Dehradun and Dr. Manish Kumar, Scientist-B, ICFRE, Dehradun were kind enough to participate as the Resource Persons. For the training program Sixty-One technical officials across the ICFRE institutes were nominated by honorable DG, ICFRE. A total of Seventy-Seven Technical Officials from ICFRE Institutes participated in the programme.

The training program module was designed to cover basic concepts and some insight on sampling techniques, testing of hypothesis, simple designs of experiments etc. It was emphasized that the subject matter taught is covered in lucid and simple manner, so that it can be useful to them.

A brief warm welcome address was given by Shri D. Jayaprasad, IFS, Director, IFB to all the participants on the importance of training program.

While delivering the inaugural speech Dr. V.S. Senthil Kumar, IFS, ADG, (E& RB), ICFRE to the staff and briefed on the necessity of the training program.

The programme key note address was delivered by Dr. Ratnaker Jauhari, IFS, HoO and briefed about the importance of statistics in Forestry Research.

Dr. G.R.S. Reddy, Scientist-G, Training Co-ordinator has briefed about the training program and various statistical data analysis software's and its usage in different parameters analysis in Forestry etc.

Shri Pravin H. Chawhaan, Scientist-G & GCR, Course Co-ordinator has thanked the Director General (DG) and ADG (E & RB), ICFRE for sponsoring the programme. He then introduced the program and explained overview of the training course and the importance of statistics in research starting from planning and execution of research projects. He also thanks Director, IFB for his guidance and support.

Day-1

Session-1:

Dr. Manish Kumar, Scientist-B, ICFRE, Resource person, delivered a presentation on Basic Statistics – Descriptive Statistics - Central Tendency & Dispersion. The presentation was followed by discussion session; Dr. Manish Kumar have also clarified the queries raised by the participants.

Session-2:

Dr. Ritesh Tailor, Scientist-C, IWST initiated the next session and delivered a presentation on Testing of Hypothesis in Forestry Research. The presentation was followed by discussion session; Dr. Ritesh Tailor have also clarified the queries raised by the participants.

Session-3:

Dr. Rajiv Pandey, Scientist-E, ICFRE initiated the third session and delivered a presentation on Correlation & Basic Regression in Forestry. The presentation was followed by discussion session; Dr. Rajiv Pandey have also clarified the queries raised by the participants.

Session-4:

Dr. Jawaid Ashraf, Scientist-B, ICFRE initiated the fourth session and delivered a presentation on Basic Experimental Designs in Forestry-I. The presentation was followed by discussion session; Dr. Jawaid Ashraf have also clarified the queries raised by the participants.

In the end of day, a review session was conducted on day-1 presentations and day-2 activities.

Day-2

Shri Pravin H. Chawhaan, Scientist-G & GCR, Course Co-ordinator has initiated the session with Recap of previous day sessions and discussed the clarified the queries raised by the participants.

Session-1:

Dr. Girish Chandra, Scientist-C, ICFRE has initiated the session and delivered a presentation on Sampling Methods in Forestry. The presentation was followed by discussion session; Dr. Girish Chandra have also clarified the queries raised by the participants.

Session-2:

Shri Pravin Chawhaan, Scientist-G & GCR, IFB initiated the next session and delivered a presentation on Statistical methods in Genetic testing of Forest trees: importance & procedures. The presentation was followed by discussion session; Shri Pravin Chawhaan have also clarified the queries raised by the participants, including use of SPSS.


Session-3:

Dr. Jawaid Asharf, Scientist-B, ICFRE initiated the next session and delivered a presentation on Basic Experimental Designs in Forestry-II. The presentation was followed by discussion session; Dr. Jawaid Asharf have also clarified the queries raised by the participants.

Session-4:

Dr. Rajiv Pandey, Scientist-E, ICFRE initiated the next session and delivered a presentation on Statistics in Forestry Research – Border Pen Picture of Statistical Techniques in Forestry. The presentation was followed by discussion session; Dr. Rajiv Pandey have also clarified the queries raised by the participants.

In the validation session, Shri D. Jayaprasad, IFS, Director, IFB attended as a Chief Guest and addressed on the relevance of effective training programme.



Shri Pravin Chawhaan, Scientist-G & GCR, IFB & Dr. Rajiv Pandey, Scientist-E, ICFRE held discussions with the trainees. All participants have opined that the training helped them very fruitfully. However, Shri Pravin Chawhaan, wanted a hands on training on computer analysis on statistical packages such as R & SPSS and data interpretation of results apart from demonstration of experimented designs in fields.

Apart from the topics covered there were some participants who evinced keen interest in higher level statistical discussion including Data analysis using different software's such as R & SPSS and different sampling methods analysis etc.

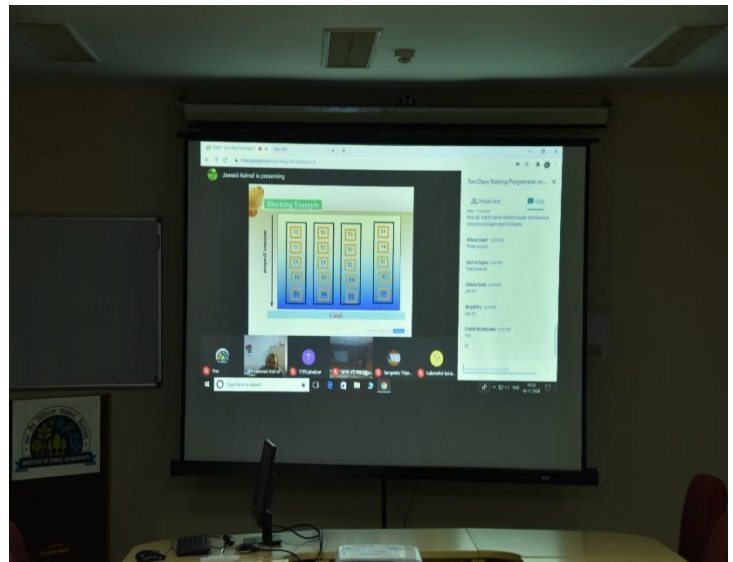
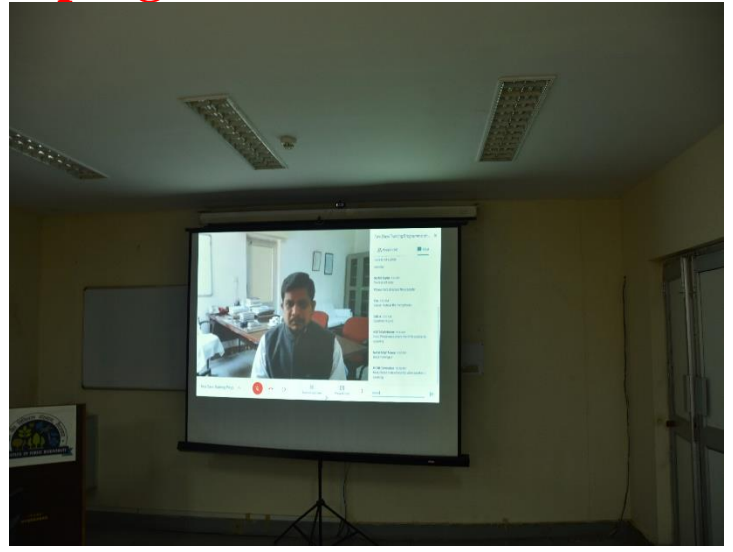
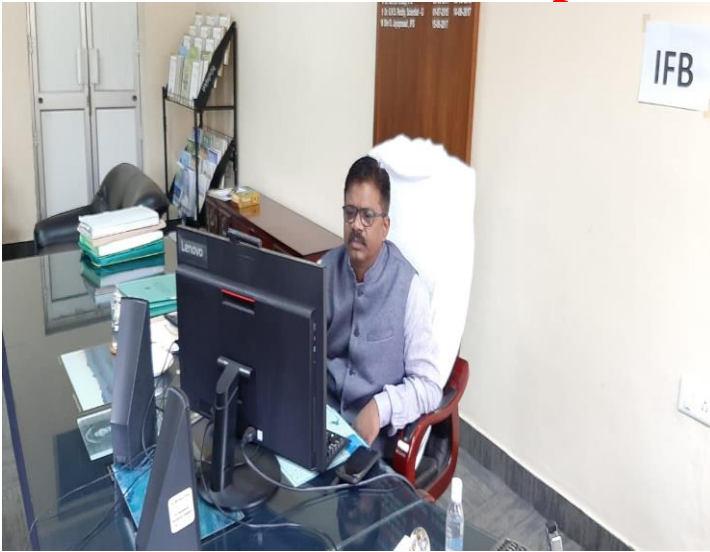
The training programme was concluded with vote of thanks by Shri Pravin Chawhaan, Scientist-G & GCR, IFB, extending thanks to the Director, IFB, ADG (E & RB), Resource persons from ICFRE & IWST and participants for the kind support in organizing the fruitful training programme.

The training programme final inputs and suggestions were given by Dr. Rajiv Pandey, Scientist-E, ICFRE and he also extending thanks to Director, IFB, course co-ordinator, ICFRE and participants for the kind support and showing interest on statistics.

The overall programme was moderated by Shri. E. Manikanta Reddy, Technician and Shri. D.S.S. Prasad, Technician, IFB, Hyderabad.



Glimpse of the programme



Two days Training Programme
on
Research Methodology and Statistical Tools in Forestry for Technical Staff
(19.11.2020 & 20.11.2020)

Inaugural Session (19.11.2020)

09:30 to 09:40 AM	Welcome Address by the Shri D. Jayaprasad, IFS, Director, IFB
09:41 to 09:50 AM	Inaugural address by the Dr. V. S. Senthil Kumar, ADG, (Education), ICFRE
09:51 to 10:00 AM	Key note Address by Dr. Ratnaker Jauhari, IFS, HoO, IFB
10:01 to 10:10 AM	About the training programme by Dr. G.R.S. Reddy, Scientist-G, IFB
10:11 to 10:20 AM	Introduction of the programme by Shri Pravin Chawhaan, GCR, IFB

Schedule of Training

Day-1 (19.11.2020) Thursday

Sessions	Scheduled Time	Program details
Session I	09:30- 09:50 AM	Registration & Introduction on Training Program
Session II	09:51-10:20 AM	Overview of Training Program
Tea Break (10:21-10:30 AM)		
Session III	10:30-11:30 AM	Basic Statistics – Descriptive Statistics - Central Tendency & Dispersion
	11:31-11:45 AM	Discussion
Session IV	11:46- 12:45 PM	Testing of Hypothesis in Forestry Research I
	12:46-01:00 PM	Discussion
Lunch Break (01:01 PM to 02:00 PM)		
Session V	02:01- 03:00 PM	Correlation & Basic Regression in Forestry
	03:01-03:15 PM	Discussion
Session VI	03:16- 04:15 PM	Basic Experimental Designs in Forestry I
	04:16- 04:30 PM	Discussion

Day-2 (20.11.2020) Friday

Sessions	Scheduled Time	Program details
Session I	09:30- 10:00 AM	Recap of previous day sessions
Session II	10: 01-11:00 AM	Sampling Methods in Forestry
	11:01-11:20 AM	Discussion
11:20-11:30 AM Tea Break		
Session III	11:31-12:30 PM	Statistical methods in Genetic testing of Forest trees: importance & procedures
	12:31-12:50 PM	Discussion
Lunch Break (12:51 PM to 01:50 PM)		
Session IV	01:51- 02:50 PM	Basic Experimental Designs in Forestry II
	02:51-03:10 PM	Discussion
Session V	03:11- 04:10 PM	Statistics in Forestry Research – Border Pen Picture of Statistical Techniques in Forestry
Session VI	04:11- 04:30 PM	Discussion
04:31-04:40 PM Tea Break		
Validation Session (20.11.2020)		
04:41-04:50 PM	Validation speech by the Shri D. Jayaprasad, IFS, Director, Chief Guest	
04:51-05:00 PM	Conclusion of the Programme by Dr. G.R.S. Reddy, Scientist-G & Shri Pravin Chawhaan, GCR, IFB, Hyderabad	
05:01-05:10 PM	Final inputs and suggestions by Dr. Rajiv Pandey, Scientist-E, ICFRE, Dehradun	

List of Participants

Sl. No	Name & Designation	Institute	Contact Number	Email-ID			
1	Shri Pravin Chawhaan, Scientist-G & GCR, Course co-ordinator	IFB-Hyderabad	9460250213	pravinchawhaan@yahoo.com			
2	Dr. G.R.S. Reddy, SC-G, Training co-ordinator		6281602428	ravishankarreddygillella@gmail.com			
3	Dr. Rajiv Pandey, Sc-E, Resource person	ICFRE-Dehradun	9412918634	pandeyr@icfre.org			
4	Dr. Girish Chandra, Sc-C, ICFRE, Resource person	ICFRE-Dehradun	9536600778	gchandra23@yahoo.com			
5	Dr. Ritesh Tailor, Sc-C, IWST, Resource person	IWST-Bangalore	9480983816	riteshtailor@gmail.com			
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7	Dr. Manish Kumar, Sc-B, ICFRE, Resource person	ICFRE-Dehradun	9412054591	manishvats77@gmail.com			
8	Shri D. Jayaprasad, IFS, Director	IFB-Hyderabad					
9	Dr. Ratnaker Jauhari, IFS, CF, Head Extension						
10	Sh. E. Manikanta Reddy, TC						
11	Sh. DSS. Prasad, TC						
12	Sh. A. Sasidhar Reddy, TC						
13	Sh. G. Kiran, TC						
14	Sh. G. Vinay Goud, TC						
15	Sh. M. Yashwanth Reddy, TC						
16	Sh. M. Ganesh, TA				FRCCE- Vishakhapatnam		
17	Smt. T. Anusha, TC						
18	Smt. G. Mounika, TC						
19	Sh. Nahar Singh-ACTO	TFRI-Jabalpur					
20	Sh. Y. Pardhi- ACTO						
21	Sh. Manoj Poosam, STA						
22	Sh. A. Francis-STO						
23	Sh. S. Banerjee-TO						
24	Sh. Raghvendra Singh-TO						
25	Sh. Kandhi Singh- CTO						
26	Sh. D.P. Jharia-CTO						
27	Ms. Pooja Singh, Sr. Technician						
28	Dr. Neelam Verma, CTO				AFRI-Jodhpur		
29	Sh. Ameen Ullah Khan, STO						
30	Sh. A. Durai, CTO						
31	Smt. Sangeeta Tripathi, CTO						
32	Dr. Hemant Kumar Sharma, CT						
33	Sh. Bharat Veer Jayant, CTO						
34	Smt. Kusumlata Parihar, STO						

35	Sh. Dhana Ram, TO	
36	Sh. Anil Sharma, TO	
37	Sh. Shailendra Singh Rathore, Sr. TC	
38	Sh. Kuldeep Sharma, Sr. TC	
39	Sh. Sohan Lal Garg, Sr. TC	
40	Km. Shubhi Kulshreshtha, TC	
41	Dr. Sachin Gupta, ACTO	FRI-Dehradun
42	Dr. Ahoto Sumi, TO	
43	Dr. Praveen Onial, CTO	
44	Dr. Manoj Kumar, TO	
45	Sh. Komal Kumar, Technician	
46	Sh Amit Singh, Technician	
47	Mrs. Jinti Barthakur	RFRI-Jorhat
48	Sh. Niren Das	
49	Dr. Kuntala Baruah	
50	Sh. Protul Hazarika	
51	Mrs. Sabi Gogoi	
52	Sh. Apurba Sarma	
53	Mrs. E.D.Borah	
54	Sh. Bibhuti Deka	
55	Sh. H.R. Bora	
56	Dr. P. Borpuzari	
57	Mrs. Nibedita Baruh	
58	Dr. Prosanta Hazarika	
59	Dr. R.D. Barthakur	
60	Smt. R. Lakshmidevi, TO	IFGTB-Coimbatore
61	Mrs. K. Santhi, CTO	
62	Dr. A. Balasubramanian, RO, Gr-1	
63	Mrs. M.V. Vineetha, TO	
64	Mrs. S. Sudha, Sr. TA	
65	Smt. S. Geetha, ACTO	
66	Smt. S. Lalitha, CTO	
67	Sh. K. Gireesan, CTO	
68	Sh. C. Rajesh, Sr. TA	
69	Sh. R. Velumani, Sr. TA	
70	Dr. Soosairaj, TA	
71	Sh. P. Vipin, Sr. TA	
72	Mr. Anish V. Pachu, CTO	
73	Mrs. K. Sushamani, TO	
74	Mrs. R. Kalaiselvi, STA	
75	Mr. K. Senthil, STA	
76	Miss. Srijitha Ganguly, TA	
77	Mr. L. Mahalingam, Technician	