

**TRAINING OF OTHER STAKE HOLDERS FOR THE YEAR 2021-22 UNDER
THE SCHEME 'FORESTRY TRAINING AND CAPACITY BUILDING'
'Biodiversity, Biodiversity Conservation & Sustainable Development '**



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

Government of India

Institute of Forest Biodiversity
Indian Council of Forestry Research & Education
(An Autonomous body under MoEF&CC, GoI)





**Training Programme on
'Biodiversity, Biodiversity Conservation & Sustainable Development'
for Other Stakeholders on 24th & 25th February 2022.
Venue: Institute of Forest Biodiversity, Hyderabad**

Training Programme on
Biodiversity, Biodiversity Conservation & Sustainable
Development
for Other Stakeholders

Scheme: Forestry Training & Capacity Building

24th & 25th February 2022

Sponsored by



Ministry of Environment, Forest and Climate Change
Government of India, New Delhi

Organized by



Institute of Forest Biodiversity, Hyderabad
(Indian Council of Forestry Research & Education)

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Training Report on “Biodiversity, Biodiversity Conservation & Sustainable Development” for Other Stakeholders

1.0 Introduction:

As per the mandate of the Ministry of Environment, Forest & Climate Change, Government of India, the training programme on ‘Biodiversity, Biodiversity Conservation & Sustainable Development’ for other stakeholders was organized at Institute of Forest Biodiversity (ICFRE), Hyderabad, from 24th to 25th February 2022 to raise awareness of Biodiversity Management Committee (BMC) from Medak, Medchal and Sangareddy districts. Owing to the rural background of stakeholders and internet connectivity issues raised by them the training was conducted in a hybrid mode. One resource person and some participants joined online while others were present at the Venue physically. The course co-ordinator Dr. S. Pattanaik, Scientist-F, welcomed the trainees, informed them about the host institution and briefly outlined of the purpose of the programme. This was followed by address by Shri. E. Venkat Reddy, IFS, Head Extension and Dr. Ratnaker Jauhari, IFS, Director, Institute of Forest Biodiversity, Hyderabad. Dr. Ratnaker Jauhari wished the trainees a wonderful learning experience during the course of the training. The chief guest of the programme Sri. Kalicharan S. Khartade, IAS, Secretary, Telangana State Biodiversity Board inaugurated the programme online and expressed that the training will be useful to all the BMC members.

The objective of the programme was to raise awareness of stakeholders on basic concepts on Biodiversity, value and importance of Biodiversity for sustainable development, Species diversity, *In-situ*, *Ex-situ* and *Circa situm* approaches of conserving biodiversity, Ecosystem diversity and Ecosystem services, Insect diversity and sustainable management of insects pests and Peoples Biodiversity Register. To meet this objective, the training was delivered through seven classroom sessions and one field visit. The schedule of the programme is appended in Appendix II

2.0 Classroom Sessions:

The classroom sessions covered the following aspects of Biodiversity Conservation and Sustainable Development. The sessions were handled by three external and four internal resource persons from Institute of Forest Biodiversity. A brief biodata and contact details of the resource persons are appended in Appendix III.

- 1) Basic concepts on biodiversity, Value and importance of Biodiversity for sustainable development – economic value, environmental value, ecosystem services and resilience, social value, cultural value, medicinal value, scientific value, etc. - by Dr. G. R. S. Reddy, Scientist – G (Retd.), IFB Hyderabad
- 2) Ecosystem diversity and ecosystem services - by Smt. Bharati Patel, Scientist – B, IFB, Hyderabad.
- 3) *In-situ* and *Ex-situ* approach of conserving biodiversity - by Dr. S. Pattanaik, Scientist – F, IFB, Hyderabad.
- 4) Role of Agroforestry in *Circa situm* conservation of biodiversity - by Dr. Madhavi Lata, Professor, PJTSAU.
- 5) Species diversity – the cornerstone of biodiversity - by Prof. V. S. Raju (Retd.), Kakatiya University, Warangal.
- 6) Peoples Biodiversity Register – Drafting methodology, importance etc. - by Shri. E. Manikanta Reddy, Technician, IFB, Hyderabad.
- 7) Insect diversity and sustainable management of insect pests in forest nurseries and plantations - Dr. M. Deepa, Scientist – D, IFB, Hyderabad.

3.0 Field Visit:

During the field visit the stakeholders visited the gene conservation stand of *Pterocarpus santalinus* located inside the campus of Institute of Forest Biodiversity, Hyderabad. During the visit, the trainees were exposed to the purpose of gene conservation stand, the sampling methodology adopted for collection of genetic material, the nursery technique, the plantation establishment technique and planting design adopted.

4.0 Composition of Trainees:

Altogether twenty-six trainees belonging to different panchayats participated in the training programme. These included Sarpanch, Secretary, Bill Collector etc. Of these, four trainees (15%) were females and twenty-two trainees (85%) were males (Figure 1). A detailed list of stakeholders along with their affiliation and communication details is appended in Appendix I.

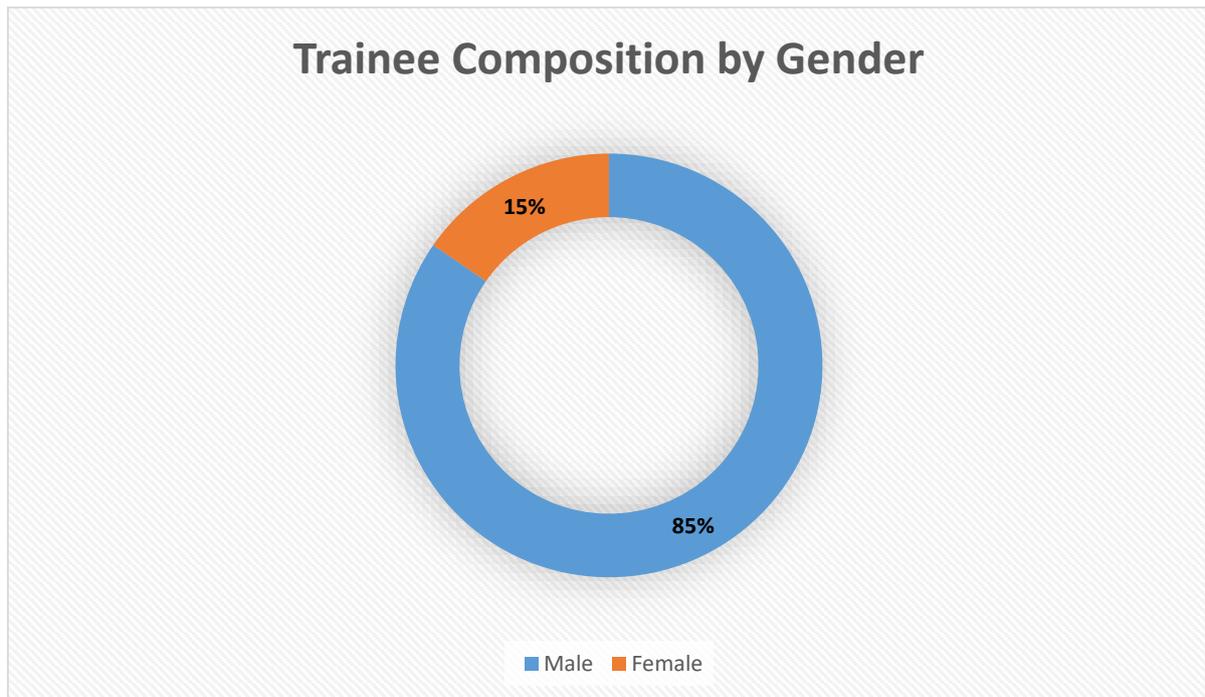


Figure 1: Trainee composition by gender

5.0 Feedback of Trainees:

A valedictory function was held on second day of the programme after completion of all classroom sessions and field visit. All trainees were requested to give their oral as well as written feedback (Appendix IV) for further improvement of the training programme. The trainees were requested to rate the programme on nine parameters. The responses of trainees to these nine parameters are depicted below (Figure 2 to Figure 10). Overall, 54 % trainees rated the training as Excellent, 8% as Very Good and 38% as Good (Figure 9). About 62% trainees felt that the training will be very useful and 38% trainees felt as useful (Figure 10).

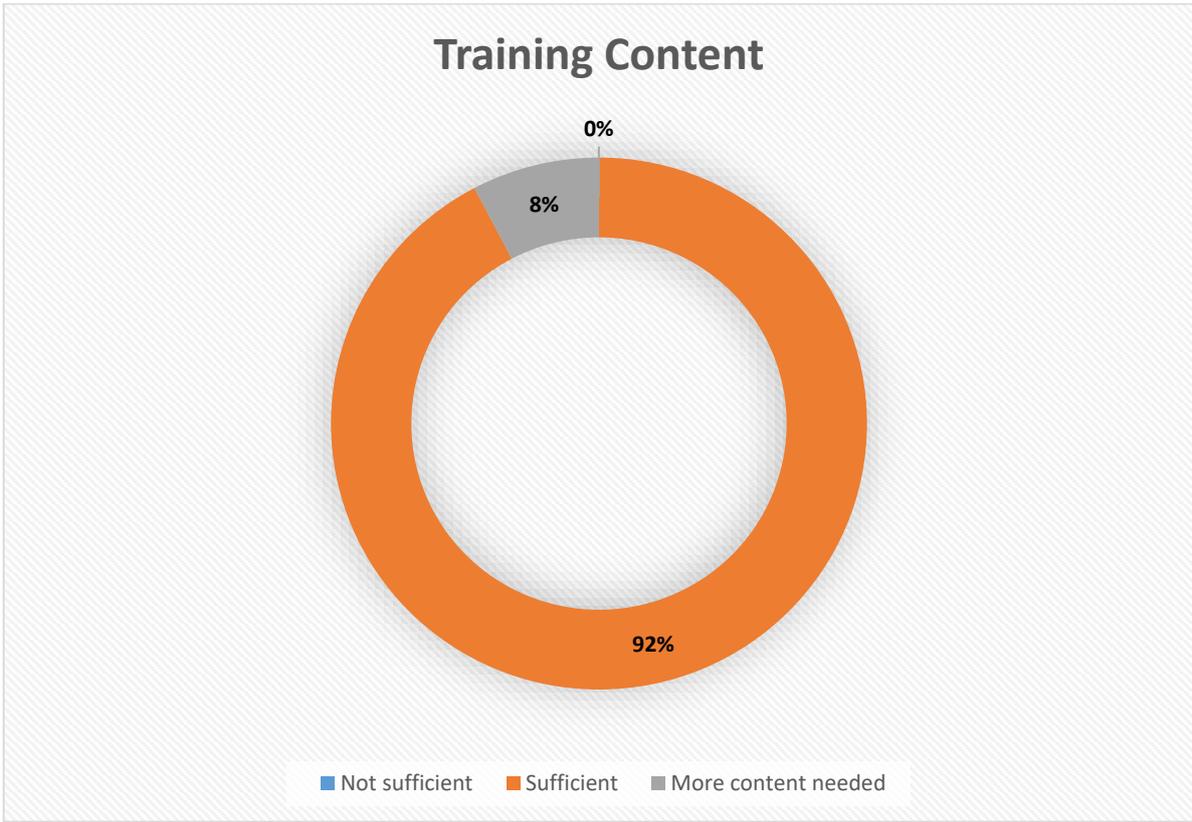


Figure 2: How was the training content?

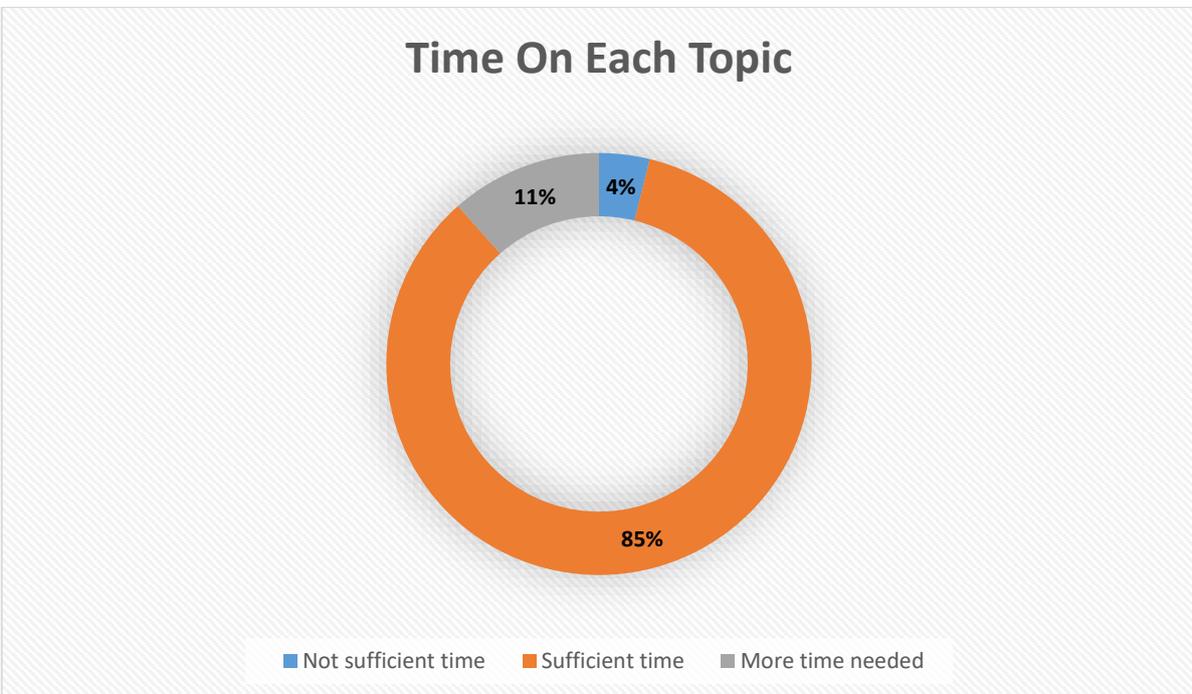


Figure 3: Was enough time given on each topic covered?



Figure 4: How do you rate the resource persons?

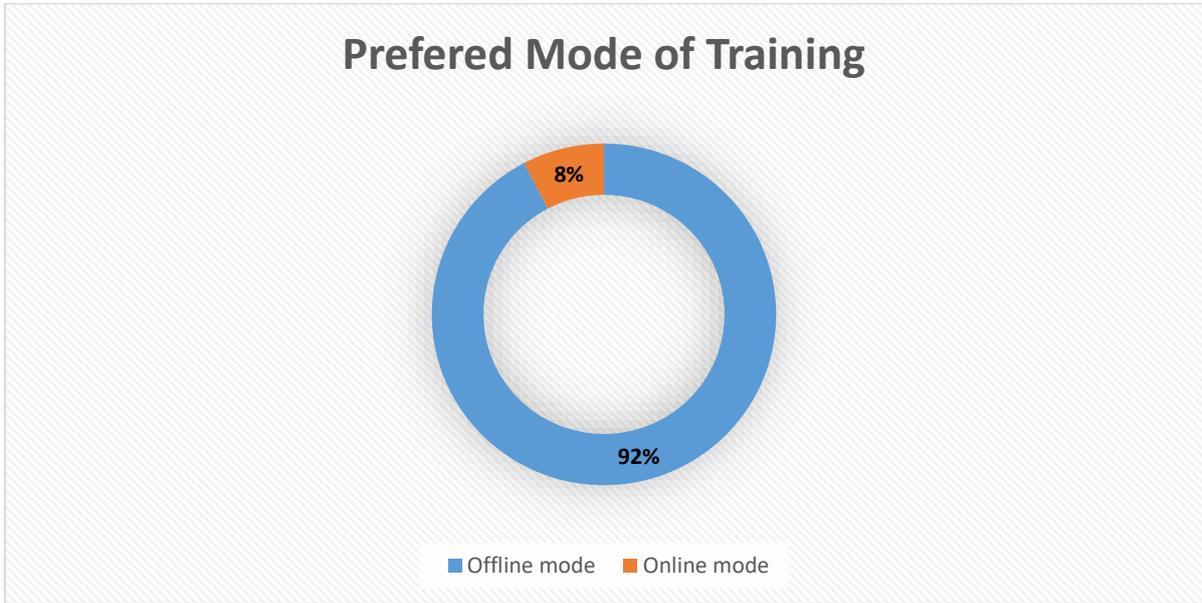


Figure 5: What is your preferred mode of training delivery?

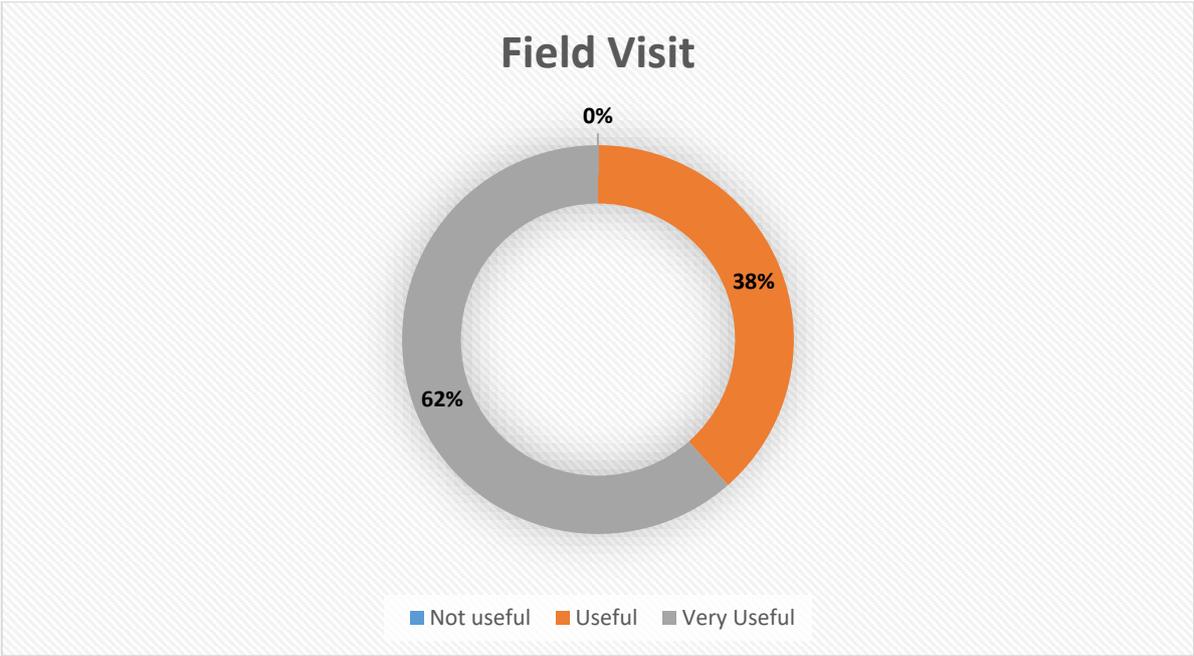


Figure 6: How do you rate the field visit?

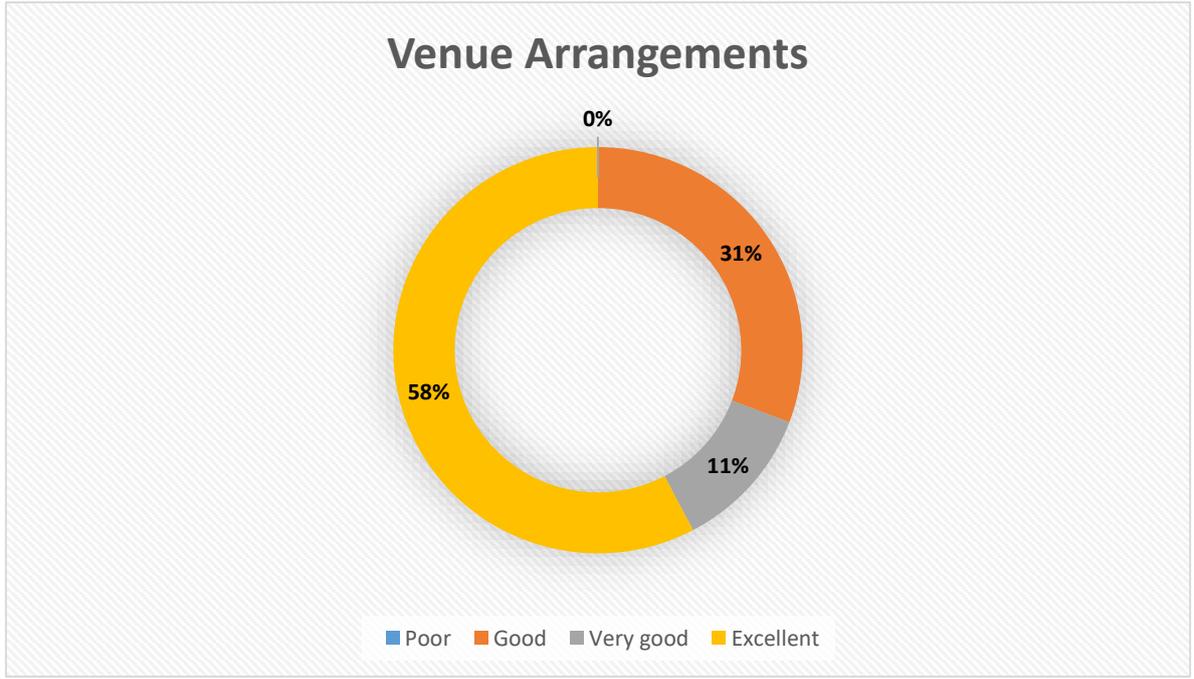


Figure 7: How do you like the venue arrangements?

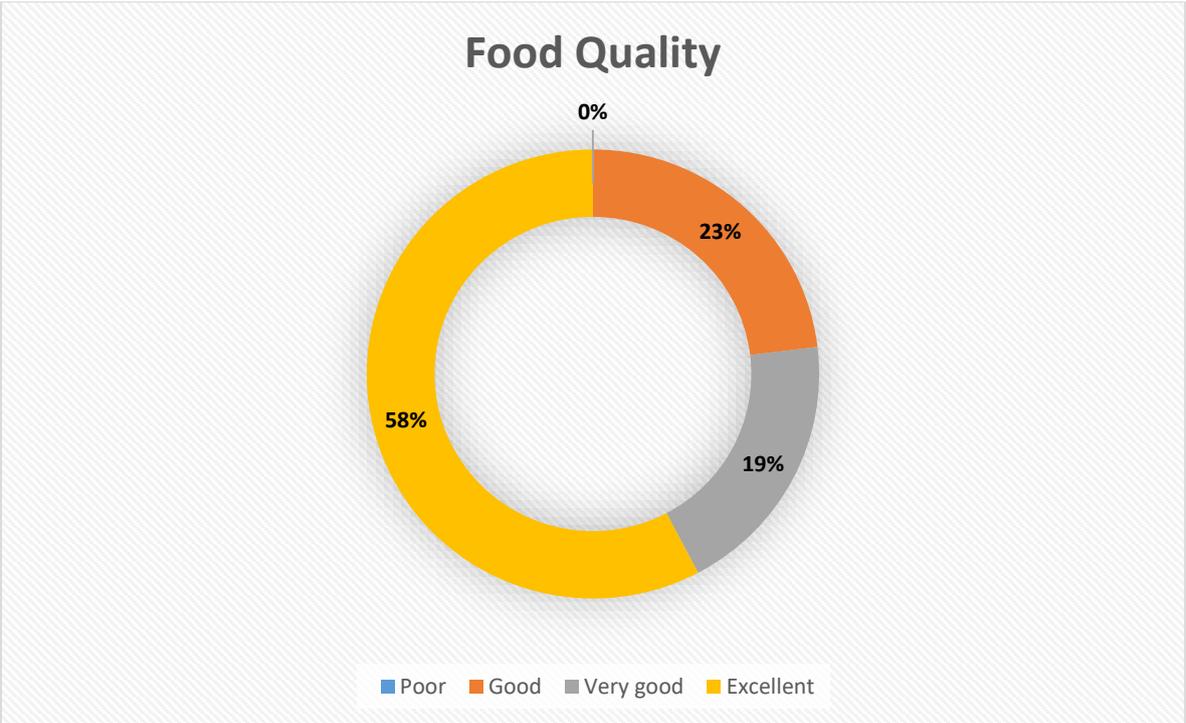


Figure 8: How do you like the food arrangements?

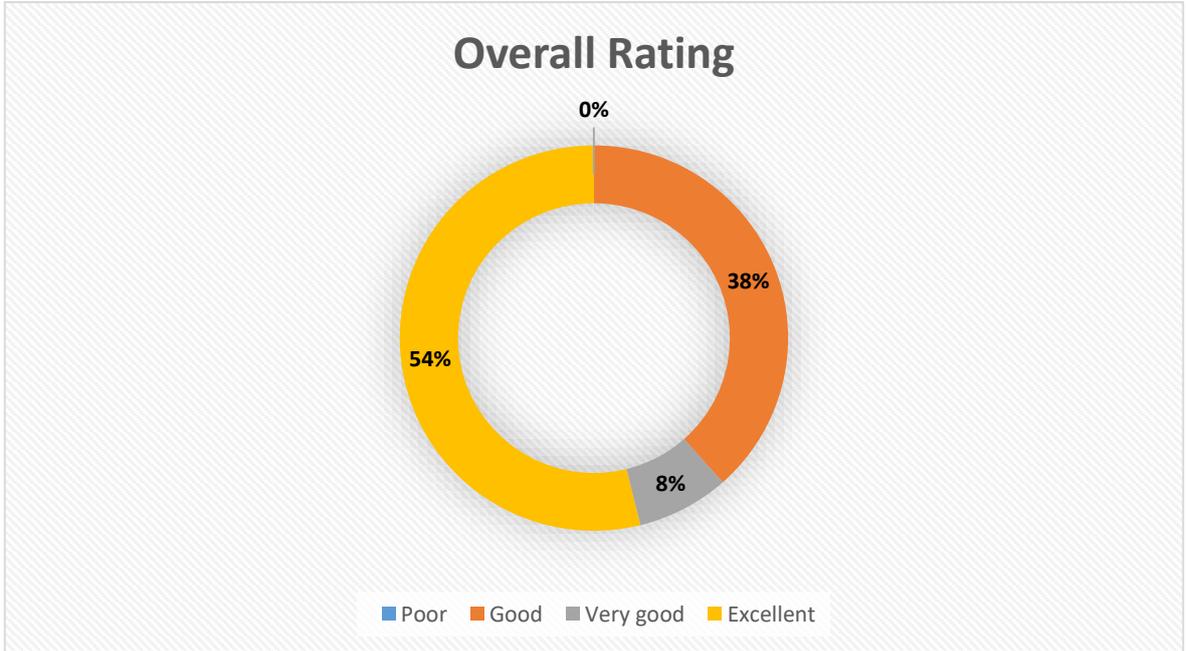


Figure 9: Overall, how do you rate the programme?

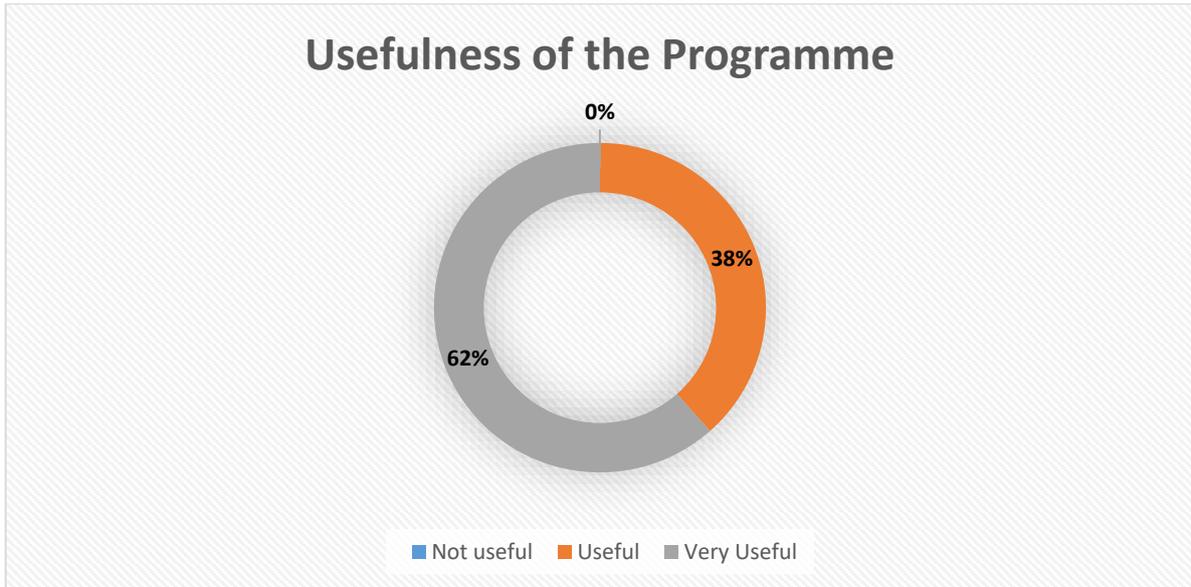


Figure 10: How useful will the training be in your profession?

5.1 Suggestions emerging from the feedback:

- Institute should organize the training classes in local language (Telugu).
- The training should be organized on regular basis, in every quarter of the year.
- Measures to be taken to cover a greater number of participants from different villages.
- Awareness should be raised in rural areas, training to be conducted in village(s) for more active participation and publicity.
- Field visit/Field exposure need to be given more time.
- All sessions to be conducted in offline mode.
- Duration of the training programme to be increased to one week.

After the feedback session, all trainees were provided with a participation certificate. The programme was concluded with vote of thanks by Shri. E. Venkat Reddy, IFS, Head Extension. Photographs pertaining to inaugural session, classroom sessions, field visit and valedictory function are appended in Appendix-V

Appendix-I
List of Stakeholders

S. NO	Name of the Participants	Designation	VILLAGE	MANDAL	DISTRICT	MOBILE NO
1	A. Kavitha	Sarpanch	Thirumalapur	Narsapur	Medak	7032344401
2	Mohammed Ishrath Fathima	Sarpanch	Narayanpur	Narsapur	Medak	9346598334
3	G Srinivas	Nil	Pedhachinthakunta	Narsapur	Medak	9963208836
4	Ch. Surekha	Panchayat Secretary	Kodakanchi	Jinnaram	Sangareddy	9505732558
5	Sana Fathima	Nil	Idpl, Balanagar	Balanagar	Medchal	7569240564
6	Ch. Shiva Raj	Sarpanch	Kodakanchi	Jinnaram	Sangareddy	9948186689
7	M. Venkatesh	PACS Director	Kodakanchi	Jinnaram	Sangareddy	9908067474
8	A Shekhar Reddy	Nil	Thirumalapur	Narsapur	Medak	9963909336
9	Shiva Kumar	Sarpanch	Kagaz Maddur	Narsapur	Medak	9885998891
10	Gundrola Narsing Rao	Upa Sarpanch	Muneerabad	Medchal	Medak	9848634740
11	Chittimilla Ganesh	Sarpanch	Muneerabad	Medchal	Medchal	9553050233
12	Ameen Ulhaq	Assistant	Narayanpur	Narsapur	Medak	8839770838
13	Ch. Vishnu Vardhan Reddy	Sarpanch	Jagga Guda	Muduchinthalapally	Medchal	9490792139
14	Vanga Hari Mohan Reddy	Sarpanch	Potharam	Muduchinthalapally	Medchal	944014601
15	Maddikunta Raju	Bill Collector	Kodakanchi	Jinnaram	Sangareddy	8374146584
16	T Praveen Kumar	Nil	Pedhachinthakunta	Narsapur	Medak	9000998368
17	D Ramesh	FDCT Member	Kodakanchi	Jinnaram	Sangareddy	9652184592
18	G Dasarath	Nil	Pedhachinthakunta	Narsapur	Medak	8978696935
19	L Rathnaiah	Panchayat Secretary	Manthur	Narsapur	Medak	9505693684
20	Boyini Shekulu	Panchayat Secretary	Narayanpur	Narsapur	Medak	9492913920
21	Vaidya Shreenivas	MPO	MRDO OFFICE	Narsapur	Medak	8897630930
22	Annaram Raghuvaran	Panchayat Secretary	Pedhachinthakunta	Narsapur	Medak	8121682464
23	Ashok Kumar Kuthadi	Panchayat Secretary	Thirumalapur	Narsapur	Medak	9912708615
24	Gunde Shiva Kumar	Sarpanch	Pedhachinthakunta	Narsapur	Medak	9949238636
25	Pathuri Ravi	Panchayat Secretary	Madapur	Narsapur	Medak	7801010104
26	Kolchelma Shekar	Panchayat Secretary	Brahmanpally	Narsapur	Medak	8096538206

Appendix-II

TRAINING OF OTHER STAKE HOLDERS FOR THE YEAR 2021-22 UNDER THE SCHEME “FORESTRY TRAINING AND CAPACITY BUILDING”

‘Biodiversity, Biodiversity Conservation and Sustainable Development’

Programme Schedule

Day-I

9.00 am – 10.00 am: Registration

10.00 am – 10.15 am: Inauguration

- Welcome address by Dr. S. Pattanaik, Course Co-ordinator
- Address by Sri E. Venkat Reddy, IFS, HOO and Head Extension
- Address by Dr. Ratnakar Jauhari, IFS, Director
- Inauguration and address by Chief Guest Sri Kalicharan S. Khartade, IAS, Secretary, Telangana State Biodiversity Board

10.15 am – 10.30 am: Tea break and Group Photo

10.30 am – 12.00 Noon:

- ❖ Basic concepts on biodiversity.
- ❖ Value and importance of biodiversity for sustainable development– economic value, environmental value, ecosystem services and resilience, social value, cultural value, medicinal value, scientific value, etc. – Dr. G. R. S. Reddy, Scientist (Retd.), IFB Hyderabad.

12.00 Noon – 01.30 pm:

- ❖ Ecosystem diversity and ecosystem services – Dr. Bharati Patel, Scientist, IFB Hyderabad.

1.30 pm – 2.30 pm: Lunch break

2.30 pm – 3.30 pm:

- ❖ *In situ* and *Ex situ* approach of conserving biodiversity – Dr. S. Pattanaik, Scientist, IFB Hyderabad.

3.30 pm – 3.45 pm: Tea break

3.45 pm – 4.45 pm:

- ❖ Role of Agroforestry in *Circa situm* conservation of biodiversity – Dr. Madhavi Lata, Associate Professor, PJTSAU.

Day-II

10.30 am – 12.00 Noon:

- ❖ Species diversity – the cornerstone of biodiversity – Professor V. S. Raju (Retd.), Kakatiya University, Warangal.

12.00 Noon – 1.30 pm:

- ❖ Field visit to gene conservation stand of *Pterocarpus santalinus* and *Tectona grandis*.

01.30 pm – 02.30 pm: Lunch break

02.30 pm – 03.30 pm:

- ❖ Insect diversity and sustainable management of insect pests in forest nurseries and plantations – Dr. M. Deepa, Scientist, IFB Hyderabad.

03.30 pm – 04.00 pm:

- ❖ 'Peoples Biodiversity Register'- Drafting methodology, importance etc. - by Shri. E. Manikanta Reddy, Technician, IFB, Hyderabad.

04.00 pm – 4.30 pm:

- ❖ Valedictory and certificate distribution.

Appendix-III

Internal Resource Persons

Dr. S. Pattanaik		Dr. M. Deepa	
Designation	Scientist – F	Designation	Scientist – D
Organization	IFB, Hyderabad	Organization	IFB, Hyderabad
Qualification	Ph.D. (Forestry)	Qualification	Ph.D. (Entomology)
Experience	Over 24 Years research experience in the field of forestry	Experience	10 Years research experience in forest entomology
Contact No.	040-66309506	Contact No.	040-66309500
Mail ID	pattanaiks@icfre.org	Mail ID	deepam@icfre.org
Smt. Bharati Patel		Shri. E. Manikanta Reddy	
Designation	Scientist – B	Designation	Technician
Organization	IFB, Hyderabad	Organization	IFB, Hyderabad
Qualification	M.Sc. Forestry	Qualification	M.Sc. Chemistry and MPH
Experience	Over 6 years experience in Forest Ecological Research	Experience	Over 8 years experience in environment research
Contact No.	040-66309500	Contact No.	040-66309500
Mail ID	bpatel@icfre.org	Mail ID	manikanta.icfre@gmail.com

External Resource Persons

Dr. Madhavi Lata		Shri. V. S. Raju	
Designation	Professor	Designation	Professor (Retd.)
Organization	PJTSAU	Organization	Kakaitya University, Warangal
Qualification	Ph.D.	Qualification	Ph.D.
Experience	Over 20 years experience in teaching and research	Experience	Over 30 years experience in teaching and research
Contact No.	9866930111	Contact No.	9849413063
Mail ID	mlata017@gmail.com	Mail ID	rajuvatsavaya@gmail.com

Dr. G. R. S. Reddy	
Designation	Scientist – G (Retd.)
Organization	IFB, Hyderabad
Qualification	Ph.D. (Forestry)
Experience	Over 30 years research experience in the field of forestry
Contact No.	9490127198
Mail ID	ravishankarreddygillella@gmail.com

Appendix-IV

Feedback Form

TRAINING OF OTHER STAKE HOLDERS FOR THE YEAR 2021-22 UNDER THE SCHEME “FORESTRY TRAINING AND CAPACITY BUILDING”

‘Biodiversity, Biodiversity Conservation and Sustainable Development’

Please tick (√) relevant boxes and leave your suggestions/comments

1. How was the training content?

Not sufficient	Sufficient	More content needed
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2. Was enough time given on each topic covered?

Not sufficient time	Sufficient time	More time needed
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3. How do you rate the resource persons?

Poor	Good	Very good	Excellent
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4. What is your preferred mode of training delivery?

Offline mode	Online mode
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5. How do you rate the laboratory and field visits?

Not useful	Useful	Very Useful
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6. How do you like the venue arrangements?

Poor	Good	Very good	Excellent
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7. How do you like the food arrangements?

Poor	Good	Very good	Excellent
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8. Overall, how do you rate the programme?

Poor	Good	Very good	Excellent
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9. How useful will the training be in your profession?

Not useful	Useful	Very Useful
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10. Any comments/suggestions for improvement of future programmes on FGR assessment, conservation and management:

11. Name: _____ 12. Signature _____

13. Date _____

Appendix-V
Training Photographs



Photo 1: Registration of trainees



Photo 2: Welcome address by Course co-ordinator Dr. S. Pattanaik, Sc-F, IFB



Photo 3: Address by Shri. E. Venkat Reddy, IFS, Head Extension, IFB



Photo 4: Classroom session by Dr. G. R. S. Reddy, Sc-G (Retd.)



Photo 5: Classroom session by Smt. Bharati Patel, Sc-B



Photo 6: Interaction of trainees with Dr. Ratnaker Jauhari, IFS, Director, IFB



Photo 7: Classroom session by Dr. S. Pattanaik, Sc-F

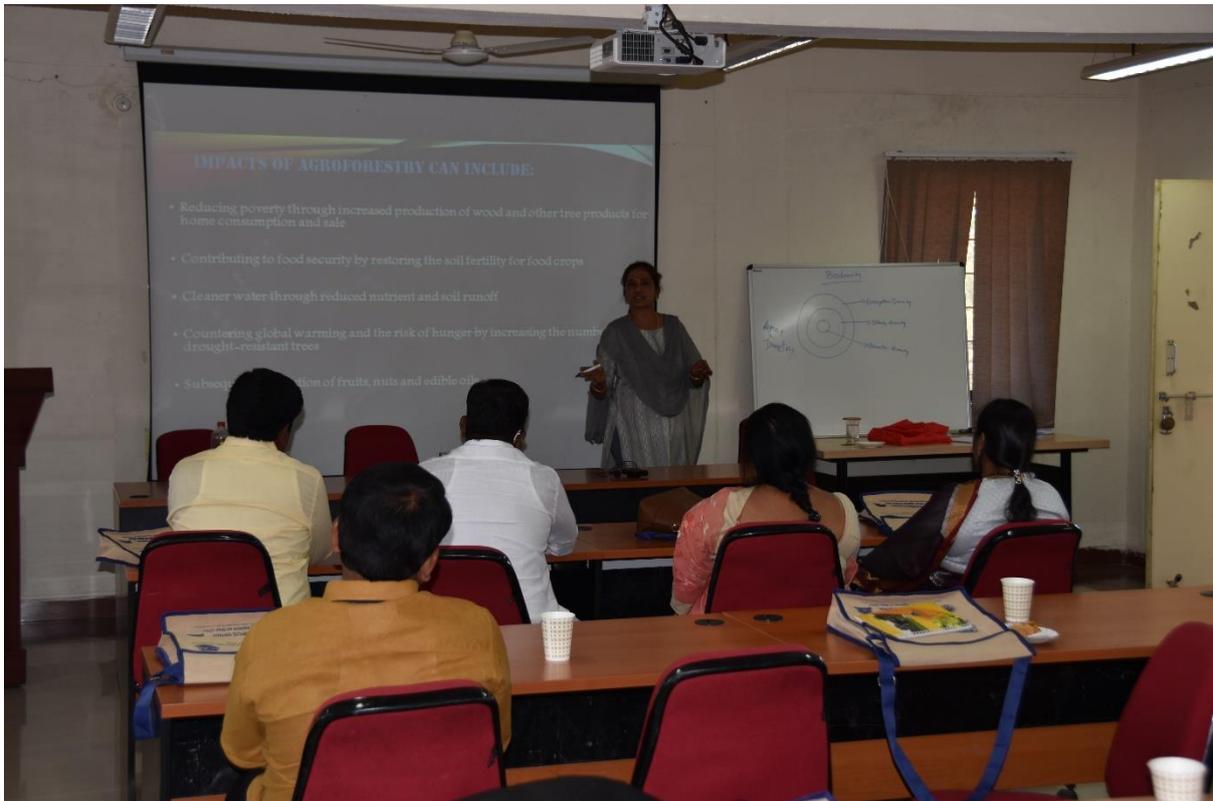


Photo 8: Classroom session by Dr. Madhavi Lata, Professor, PJTSAU



Photo 9: Field visit to Red sanders gene conservation stand



Photo 10: Classroom session by Dr. M. Deepa, Sc-D



Photo 11: Team explaining trainees about Peoples Biodiversity Register



Photo 12: Valedictory session



Photos 13: Distribution of participation certificate to trainees



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