

**Revised (for online mode)****Information Brochure****ICAR Sponsored Short Course**

on

**Recent Trends in Sustainable Utilization,  
Value Addition and Conservation of Non-  
Timber Forest Genetic Resources  
(NTFGRs)****(19-01-2022 to 28-01-2022)**

Sponsored by

**Agricultural Education Division  
Indian Council of Agricultural Research  
New Delhi-110 012**

Organized by

**College of Forestry  
(ASPEE College of Horticulture and Forestry)  
Navsari Agricultural University  
Navsari-396 450, Gujarat**

**Background**

India is one of the richest countries in the World in terms of wealth and biodiversity. It is also act as home for several endemic flora and fauna. Forests play a vital role in terms of production, utilization and conservation of timber and non-timber forest genetic resources in India. Non-Timber Forest Produces (NTFPs,) play a vital role in Indian economy and it accounts approx. 68% of the export in the forestry sector. Nearly 20-40% of the annual incomes of forest dwellers are made from NTFPs through collection, primary processing and marketing.

Exploitation of NTFP resources and unscientific way of harvesting leads to loss of genetic resources. Both sustainable utilization, and conservation of forest genetic resources of NTFPs are essential. Further, domestication and commercialization of Non-Timber Forest Genetic Resources (NTFGRs) would provide a path for production of high yielding genotypes and such studies are scattered among NTFPs. Hence, these issues need to be addressed through insight on recent trends, challenges and solution regarding sustainable utilization, value addition and conservation of NTFGRs in the era of climate change.

**About the course**

This Short Course is designed to impart theoretical and practical exposure to the participants on conservation and utilization of Non-Timber Forest Genetic Resources (NTFGRs).

**The course content includes:**

- Diversity of NTFPs and their conservation
- Mapping, documentation, evaluation and genetic improvement of NTFGRs
- Sustainable utilization & value addition of NTFGRs
- Legislation and institutional framework for protection & marketing of NTFGRs

**Date and Venue****Date: 19-01-2022 to 28-01-2022****Venue: Online Mode College of Forestry  
Navsari Agricultural University Navsari****About Navsari**

Navsari is the twin city with Surat, situated at an elevation of 9 m above mean sea level near Arabian Sea, located in southern Gujarat. It is 12 km from the historical place Dandi, where Mahatma Gandhiji picked up the grains of salt in Salt *Satyagraha*. Navsari is also the birthplace of Jamsetji Tata, the "Father of Indian Industry" and Dadabhai Navroji, the "Grand Old Man of India".

**Weather**

The weather in Navsari during December to January is generally pleasant with cold and temperature fluctuates between 20 to 35°C.

**How to reach (No travel is required and it is Rescheduled Online Mode due to COVID-19 Pandemic & new variants incidences occurring at different states)**

The city lies on the Mumbai-Ahmedabad/Delhi Western Railway link. Navsari is located in the main railway track of Western Railway and many trains stops at Navsari. The next nearest railway station is located at Surat (30 km). The nearest domestic

airport is at Surat (45 km to the north). Other nearest Airports are located at Mumbai (250 km to the South), Ahmedabad (300 km to the North). Navsari is well connected by NH 228 (Sabarmati-Dandi Highway). NH 8 (Delhi-Mumbai) also passes besides the city, which is 10 km away from the campus.

### **Eligibility**

Academician and scientists working in the field of education, research and extension activities related to Forestry/Horticulture not below the rank of Assistant Professor/ Scientist/ equivalent posts in SAUs/ CAUs/ ICAR Institutes and preference will be given to candidate having PG degree in Forestry/Horticulture working with Forest Trees and NTFPs.

### **Registration**

All the participants should submit their application online using CBP portal of Agricultural Education Division, ICAR (<https://cbp.icar.gov.in>). After filling up the online application, take a print out of application form and get the approval from competent authority of the organization.

Upload the scanned copy of approved form on CBP portal. The original copy along with Rs. 50/- (non-refundable) in the form of an Indian Postal Order in the favour of "AAO, ACHF, NAU", payable at PO Eru, Navsari 396450, should be sent to the Course Director. An advance copy of the application (scanned copy) may be sent to overcome any postal delay. However, the candidature for final selection will

be made only after receipt of the approved original copy. The detailed guidelines for participating in the ICAR Short Course may be downloaded from the CBP portal. As per ICAR norms, only 25 participants will be selected for this course.

### **Travel, Boarding and Lodging**

The participants will be paid to and from travel fare for journey by train or bus as the case may be, by the shortest route on the production of original ticket/receipt. The payment will be AC III tier (restricted to AC II tier) fare on production of a copy of the ticket(s) as per ICAR/NAU norms. In lieu of incidental charges during travel, DA will be reimbursed as per the rules. The participants travelling by bus will be paid actual fare on production of original ticket or receipt limited to III AC, whichever is lower.

All the participants will be provided free boarding and lodging (twin sharing) by NAU, Navsari in the University New *Kisan Ghar*/ Guest House as per ICAR/SAU's of Gujarat guidelines of ICAR short course wherein they should abide by its rules and regulations. Please do not accompany family members during training programme.

### **Evaluation and Feedback**

Participants need to give their feedback at the end of course and fill up the evaluation proforma in the ICAR portal.

### **Important dates**

**Extended date for receipt of application: 11-1-2022**

Intimation of selection: **13-1-2022**

Date of confirmation by applicant: **15-1-2022**

Training period: **19-01-2022 to 28-01-2022**

### **Patron & Chairman**

**Dr. Z. P. Patel**

Vice-Chancellor, NAU, Navsari

### **Co-Chairman**

**Dr. T.R. Ahlawat**

Director of Research and Dean PGS, NAU, Navsari

### **Convener**

**Dr. P. K. Shrivastava**

Principal and Dean, ACHF, NAU, Navsari

### **Course Director**

**Dr. Rajesh P. Gunaga**

Associate Professor (Forest Biology/Agroforestry) & HoD (i/c), Dept. of Forest Products & Utilization

### **Course Co-Directors**

**Dr. M. S. Sankanur**

Assistant Professor (Tree Improvement)

**Dr. H. T. Hegde**

Assistant Professor (Forest Products & Utilization)

**Dr. S. K. Sinha**

Assistant Professor (Wood Science & Technology)

### **Address for correspondence**

**College of Forestry**

**Navsari Agricultural University**

**Navsari- 396 450 (Gujarat)**

Phone: 02637-282143

Mobile: 9408851342/ 8160359521/ 9408083819

Email: [rpgunaga@nau.in](mailto:rpgunaga@nau.in)

Website: [www.nau.in](http://www.nau.in)



approved original copy. The detailed guidelines for participating in the ICAR Short Course may be downloaded from the CBP portal. As per ICAR norms, only 25 participants will be selected for this course.

### **Travel, Boarding and Lodging**

The participants will be paid to and from travel fare for journey by train or bus as the case may be, by the shortest route on the production of original ticket/receipt. The payment will be AC III tier (restricted to AC II tier) fare on production of a copy of the ticket(s) as per ICAR/NAU norms. In lieu of incidental charges during travel, DA will be reimbursed as per the rules. The participants travelling by bus will be paid actual fare on production of original ticket or receipt limited to III AC, whichever is lower.

All the participants will be provided free boarding and lodging (twin sharing) by NAU, Navsari in the University New *Kisan Ghar/* Guest House as per ICAR/SAU's of Gujarat guidelines of ICAR short course wherein they should abide by its rules and regulations. Please do not accompany family members during training programme.

### **Evaluation and Feedback**

Participants need to give their feedback at the end of course and fill up the evaluation proforma in the ICAR portal.

### **Important dates**

Last date for receipt of applications: **08-01-2022**

Intimation of selection: **13-01-2022**

Date of confirmation by applicant: **15-01-2022**

Training period: **19-01-2022 to 28-01-2022**

### **Patron & Chairman**

**Dr. Z. P. Patel**

Vice-Chancellor, NAU, Navsari

### **Co-Chairman**

**Dr. S. R. Chaudhary**

Director of Research and Dean PGS, NAU, Navsari

### **Convener**

**Dr. P. K. Shrivastava**

Principal and Dean, ACHF, NAU, Navsari

### **Course Director**

**Dr. Rajesh P. Gunaga**

Associate Professor (Forest Biology/Agroforestry) & HoD (i/c), Dept. of Forest Products & Utilization

### **Course Co-Directors**

**Dr. M. S. Sankanur**

Assistant Professor (Tree Improvement)

**Dr. H. T. Hegde**

Assistant Professor (Forest Products & Utilization)

**Dr. S. K. Sinha**

Assistant Professor (Wood Science & Technology)

### **Address for correspondence**

College of Forestry

Navsari Agricultural University

Navsari- 396 450 (Gujarat)

Phone: 02637-282143

Mobile: 9408851342/ 8160359521/ 9408083819

Email: [rpgunaga@nau.in](mailto:rpgunaga@nau.in)

Website: [www.nau.in](http://www.nau.in)



### **Information Brochure**

### **ICAR Sponsored Short Course**

on

### **Recent Trends in Sustainable Utilization, Value Addition and Conservation of Non-Timber Forest Genetic Resources (NTFGRs)**

**(19-01-2022 to 28-01-2022)**



**Sponsored by**

**Agricultural Education Division  
Indian Council of Agricultural Research  
New Delhi-110 012**

**Organized by**

**College of Forestry  
(ASPEE College of Horticulture and Forestry)  
Navsari Agricultural University  
Navsari-396 450, Gujarat**



## Background

India is one of the richest countries in the World in terms of wealth and biodiversity. It is also act as home for several endemic flora and fauna. Forests play a vital role in terms of production, utilization and conservation of timber and non-timber forest genetic resources in India. Non-Timber Forest Produces (NTFPs,) play a vital role in Indian economy and it accounts approx. 68% of the export in the forestry sector. Nearly 20-40% of the annual incomes of forest dwellers are made from NTFPs through collection, primary processing and marketing.

Exploitation of NTFP resources and unscientific way of harvesting leads to loss of genetic resources. Both sustainable utilization, and conservation of forest genetic resources of NTFPs are essential. Further, domestication and commercialization of Non-Timber Forest Genetic Resources (NTFGRs) would provide a path for production of high yielding genotypes and such studies are scattered among NTFPs. Hence, these issues need to be addressed through insight on recent trends, challenges and solution regarding sustainable utilization, value addition and conservation of NTFGRs in the era of climate change.

## About the course

This Short Course is designed to impart theoretical and practical exposure to the participants on conservation and utilization of Non-Timber Forest Genetic Resources (NTFGRs).

## The course content includes:

- Diversity of NTFPs and their conservation
- Mapping, documentation, evaluation and genetic improvement of NTFGRs
- Sustainable utilization & value addition of NTFGRs
- Legislation and institutional framework for protection & marketing of NTFGRs

## Date and Venue

**Date:** 19-01-2022 to 28-01-2022

**Venue:** College of Forestry  
Navsari Agricultural University Navsari

## About Navsari

Navsari is the twin city with Surat, situated at an elevation of 9 m above mean sea level near Arabian Sea, located in southern Gujarat. It is 12 km from the historical place Dandi, where Mahatma Gandhiji picked up the grains of salt in Salt *Satyagraha*. Navsari is also the birthplace of Jamsetji Tata, the "Father of Indian Industry" and Dadabhai Navroji, the "Grand Old Man of India".

## Weather

The weather in Navsari during December to January is generally pleasant with cold and temperature fluctuates between 20 to 35°C.

## How to reach

The city lies on the Mumbai-Ahmedabad/Delhi Western Railway link. Navsari is located in the main railway track of Western Railway and many trains stops at Navsari. The next nearest railway station is located at Surat (30 km). The nearest domestic

airport is at Surat (45 km to the north). Other nearest Airports are located at Mumbai (250 km to the South), Ahmedabad (300 km to the North). Navsari is well connected by NH 228 (Sabarmati-Dandi Highway). NH 8 (Delhi-Mumbai) also passes besides the city, which is 10 km away from the campus.

## Eligibility

Academician and scientists working in the field of education, research and extension activities related to Forestry/Horticulture not below the rank of Assistant Professor/ Scientist/ equivalent posts in SAUs/ CAUs/ ICAR Institutes and preference will be given to candidate having PG degree in Forestry/Horticulture working with Forest Trees and NTFPs.

## Registration

All the participants should submit their application online using CBP portal of Agricultural Education Division, ICAR (<https://cbp.icar.gov.in>). After filling up the online application, take a print out of application form and get the approval from competent authority of the organization.

Upload the scanned copy of approved form on CBP portal. The original copy along with Rs. 50/- (non-refundable) in the form of an Indian Postal Order in the favour of "AAO, ACHF, NAU", payable at PO Eru, Navsari 396450, should be sent to the Course Director. An advance copy of the application (scanned copy) may be sent to overcome any postal delay. However, the candidature for final selection will be made only after receipt the