

ICAR NAHEP Sponsored

Hands on Training
on
“Waste Utilization and Value Addition of
Non-Timber Forest Resources”
January 22-24, 2020



:: ORGANIZED BY ::

Centre for Advanced Agricultural Science and Technology (CAAST)
Directorate of Research
Navsari Agricultural University
Navsari-Gujarat (INDIA)
www.nau.in

Venue:

Conference Hall, College of Forestry
Navsari Agricultural University, Navsari-396 450
Gujarat

NAHEP-CAAST

Centres for Advanced Agricultural Science and Technology (CAAST) is a new initiative and student centric sub-component of “National Agricultural Higher Education Project (NAHEP)” implemented by Indian Council of Agricultural Research and funded by Government of India as well as World Bank. The Navsari Agricultural University, Navsari, Gujarat bagged a CAAST project entitled “Establishment of Secondary Agriculture Unit for Skill development in Students and Farmers” on competitive basis during 2017-18. Secondary Agriculture is often regarded as the sunrise sector of Indian economy owing to its immense untapped potential. Secondary Agriculture sector has a major role to play in employment generation, poverty alleviation and product diversification including utilization waste.

BACKGROUND

Timber harvesting is an important aspects of forestry and lot of waste occurs during logging and log processing. Management of timber harvesting plays a vital role in minimizing the waste. However, cut stumps and root parts of harvested trees are considered as wooden waste. In the village, these cut stumps are chipped by axe and then used as firewood. However, use and value for tree root is meagre, mostly used in energy. This tree root can be used in making decorative furniture *like* teapoy or wall corner table for keeping flower bouquet. Similarly, many kinds of wastes are generated and they can be used for preparation of value added products. Leaf litter, bark and debris from plantation are used for preparation of composting. In case of TBOs, main product is seed-oil and products such as cake and seed waste may be used for preparation of organics as compost. Bark biomass is another waste product of forestry. Many timber and paper & pulp wood industries, use only logs (stems) and barks are considered as waste. Further, barks also have potential fuel-wood characteristics and they may be used for preparation of pellets/briquettes along with saw dust. In case of *Eucalyptus plantation*, only stem portion is used; however, leaves are neglected as waste. Therefore, leaves of many species of *Eucalyptus* can be used for extraction of essential oil. Composite wood is also a product derived for different wastes of woody biomass. Such many value-added products can be manufactures using woody and non-timber forest resources. All these shows that there is a potential scope for conversion from wastes of woody and non-woody forest resources into value added product to improve the livelihood security, nutritional value and

environmental sustainability. Therefore, this hands-on-training is proposed for post graduate students of NAU and other SAUs/CAUs. Further, the Government of India and Indian Council of Agricultural Research has also emphasized the importance of Hands-on-Training to the students of agriculture and allied fields for expansion of entrepreneurship in the country. In this context, NAU, Navsari is organizing three days Hands-On Training on **“Waste Utilization and Value Addition of Non-Timber Forest Resources”** under NAHEP-CAAST sub project at College of Forestry, NAU, Navsari during **January 22-24, 2020**.

OBJECTIVE

- To provide hands-on-training to post graduate students on waste utilization and value addition of Non-Timber Forest Resources including MATs

COURSE CONTENT

This training will broadly cover diverse topics related to waste utilization and value addition of Non-Timber Forest Resources viz.,

- 1) To acquaint participants with waste utilization and value addition of woody biomass
- 2) Learning about processing, waste utilization and value addition of Non-Timber Forest Resources including MATs
- 3) Hands on training on value addition of important Non-Timber Forest Resources including MATs

DURATION

This is a three days residential Hands-on-Training programme, which includes interactive lectures, practicals and demonstrations to trainees.

ELIGIBILITY

Currently enrolled Post Graduates from Agriculture/Forestry/Veterinary Sciences/Horticulture/ABM faculties of Navsari Agricultural University are eligible for this training programme. The candidate should have scored at least 60% marks in any of the above degrees. Total 35 seats are available in this training, which would be distributed as under:

- A. Currently enrolled PG students of NAU 25
- B. Former PG students of NAU and other SAUs 10

If seats remain vacant in category A, they would be filled from category B and *vice versa*.

Selected PG CAAST students interested in attending this training have to submit their application directly at the CAAST Secretariat.

REGISTRATION FEE

There is no registration fee for the training course. This training course is fully funded by NAHEP-CAAST.

HOW TO APPLY

Interested candidates can register in the training by filling an online form by pasting this link in URL: <https://forms.gle/mXQ8RRS41oVHoPSg7>. However, they can also apply through offline by submitting the duly filled and signed Registration Form along with the NOC through post or by hand in a sealed cover. Application for participation in “Hands-on-Training on Waste Utilization and Value addition of NTFRs” should be mentioned on the cover. Alternatively, the scanned copy of duly filled application can be mailed at skillnaucaast@gmail.com.

IMPORTANT DATES

Last date for registration: January 20, 2020

Date for displaying eligibility list: January 21, 2020

ABOUT INSTITUTE

The Navsari Agricultural University campus is located 3 km to the West of Navsari City. The Campus houses various graduate and post graduate colleges in faculties of Agriculture/Forestry/Veterinary Sciences/Horticulture and Agribusiness Management. NAU has made remarkable progress in its tripartite activities viz., Education, Research and Extension Education which was matched with growth in infrastructure and Human Resource Development since its inception. Further, Navsari Agricultural University, Navsari bagged the 14th position at the national level and the 1st position in Gujarat state in the ICAR Ranking for top Agricultural Universities in India for the year 2018.

ABOUT NAVSARI

The Navsari is a district place in Gujarat and easily approachable by road, rail and air from all major cities of India. It is just 38 km away from Surat, a major industrial corridor connected by road and railways. The nearest airport is Surat which is 40 km to the North of Navsari. The 400 km long Salt March taken up by Mahatma Gandhi in 1930 culminated at Dandi a coastal village 13 km to the West of Navsari where National Salt Satyagraha Memorial at Dandi is located. During January, the landscape in South Gujarat is lush green, deciduous forest exhibits leafless condition during winter, weather is mild cold.

BOARDING AND LODGING:

Accommodation in campus premises will be made available, if requested on first-come first-served basis on payment basis.

ADDRESS FOR CORRESPONDANCE:

CAAST Secretariat, Directorate of Research

Navsari Agricultural University

NAVSARI (Gujarat)-396 450

E-mail: skillnaucaast@gmail.com

Contact No.: 9879124272

ORGANIZERS

TRAINING DIRECTOR:

Dr. T. R. Ahlawat

Associate Director of Research; PI and Nodal Officer

NAHEP-CAAST sub-project, NAU, Navsari

TRAINING CO-DIRECTOR:

Dr. R. P. Gunaga

Associate Professor & Co-PI, CAAST-NAU,

College of Forestry, NAU, Navsari

TRAINING COORDINATORS:

Dr. S.K. Sinha, Assistant Professor & Co-PI, CAAST, College of Forestry, NAU, Navsari

Dr. M. S. Sankanur, Assistant Professor & Co-PI, CAAST, College of Forestry, NAU, Navsari

LOCAL ORGANIZING COMMITTEE:

Dr. V. M. Thumar, PP-Procurement, CAAST, NAU, Navsari

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NAHEP



Hands on Training on

“Waste Utilization and Value Addition of Non-Timber Forest Resources” January 22-24, 2020

*Affix Self Attested
Recent Passport size
Photograph

URL: <https://forms.gle/mXQ8RRS41oVHoPSg7>

REGISTRATION FORM

Full Name (In Block letters) _____

Father Name: _____

Date of Birth: / / (DD/MM/YYYY)

Gender: Male/Female

Social Category: (✓) (General / OBC / SC / ST)

Application Category: (✓)

Selected CAAST PG Student

Currently enrolled NAU-PG students

Former PG students of NAU and SAUs

*Educational Qualification (attach proof): _____

*CGPA in Graduation:

*CGPA in Post-Graduation:

Communication Address

Current Address : _____

City: _____ State: _____

Pin code: _____

Permanent address: _____

City: _____ State: _____ Pincode: _____

Contact No:(Mo.) _____

E-mail: _____

Please indicate your Primary Area of Interest: _____

*Accommodation required: Yes/No _____

Date:

Place:

Signature of the Applicant

Note : Scanned copy of the registration form may be mailed in advance to skillnaucaast@gmail.com

*Mandatory field & attach proof.