

National Seminar on
**“FOREST AND TREE-BASED LAND USE SYSTEMS
FOR LIVELIHOOD, NUTRITIONAL AND
ENVIRONMENTAL SECURITY”**

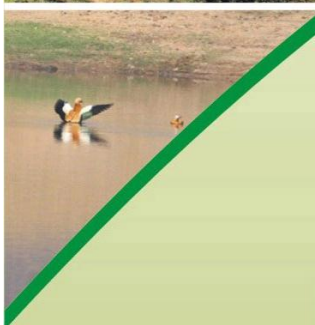
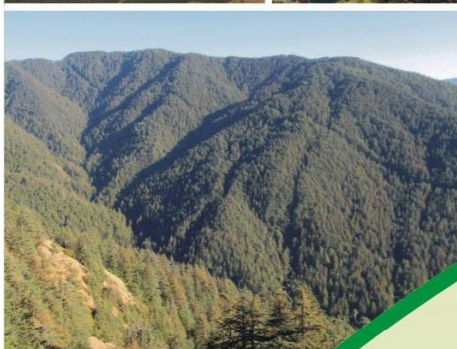
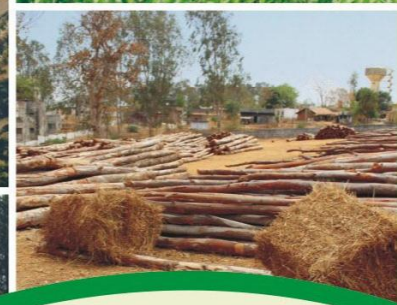
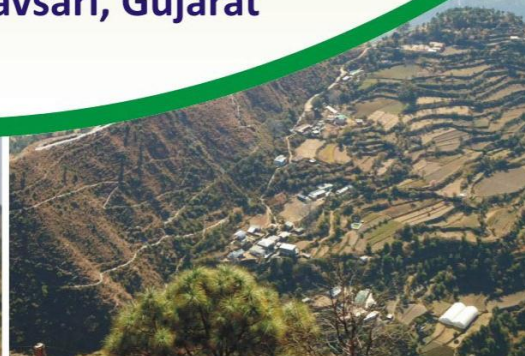


Navsari Agricultural University

December 21-23, 2016

ORGANIZED BY

**Navsari Agricultural University,
Navsari, Gujarat**



in association with

INDIAN SOCIETY OF TREE SCIENTISTS

Solan, Himachal Pradesh (India)

ABOUT NAVSARI AGRICULTURAL UNIVERSITY

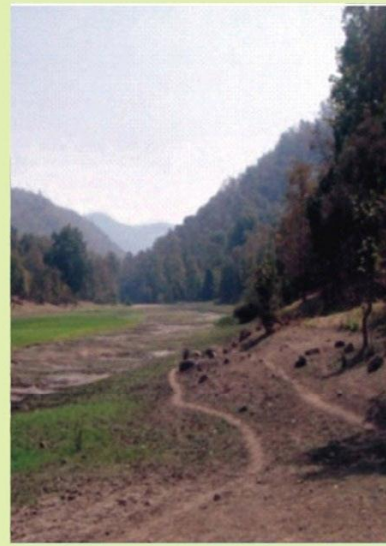
(www.nau.in): Commencing with a college of agriculture established in 1965 on a sprawling farm land of 400 hectares located on the historic road of Dandi March, the Navsari campus gained the status of a separate agricultural university with effect from May 1, 2004. To provide technological backup for the agricultural development in its domain the Navsari Agricultural University has four fully developed faculties of agriculture, horticulture, forestry and Veterinary, 2 Zonal Research Stations (Navsari and Bharuch), three main crop based research station (cotton, sorghum and mango), three regional research station (Waghai, Vyara and Gandevi) and six verification/testing centers. Navsari Agricultural University has created remarkable position in South Gujarat region as well as among all Indian State Agricultural Universities.

ABOUT THE SOCIETY (www.ists.in) : Indian Society of Tree Scientists (ISTS) was established in the year 1981 at College of Forestry, Dr. Y.S. Parmar, University of Horticulture and Forestry, Solan, Himachal Pradesh. The objective of the society is to advance and spread the knowledge of tree sciences in all aspects. It also aims to bring tree scientists, professional foresters and all others interested in the activities of the Society under common platform. The society is projecting the importance of trees in the overall economy of the country and their role in maintaining the ecological balance in nature through different means. It also provides technical knowhow to forest based industries and to rural people for planting fodder, fuel, fibre, fruit and fast growing trees in order to promote forest based industries. Indian Society of Tree Scientists is generating awareness on forest, agroforestry, environment and other allied activities by publishing a journal and holding meetings, symposia, memorial lectures, etc. The present national seminar is one such effort of ISTS to bring together researchers, administrator and stake holders in sustainable resource management *vis-a-vis* climate change and social security.

ABOUT THE SEMINAR: The national seminar is being organised with the aim to bring together different scientists, professionals, students, NGO's and other organisations to share information on various research aspects of forests, agroforestry (including agriculture, horticulture, animal husbandry, sericulture, aquaculture) and allied subjects among various stakeholders for developing present status and future strategies.

OBJECTIVES

- To bring academicians, policy planners, administrators, researchers, NGO's and other stakeholders across the country at a common platform to interact and outreach of advances in science, innovative technologies for the use of society and climate resilience



of resources in forestry, agroforestry and tree based integrated farming systems.

- To come out with valid recommendations as well as policy framework to improve the speciality of research, training and extension activities to harness the opportunity and meet out the current and future challenges for the sustainable development of forestry and tree based integrated farming systems towards enhanced productivity, nutritional value and environmental security for better livelihood.

THEMES OF THE SEMINAR

1. Forest, Agro-ecosystem biodiversity and genetic improvement

- Quality production, conservation and utilization of genetic resources
- Tree improvement for higher productivity
- Tree physiology and breeding techniques for resistance to insect pest and disease, and abiotic / biotic stress
- Advanced techniques in tree improvement
- Geographical indicators, IPR and plant variety protection

2. Forest products, utilization and marketing

- Wood science technology for quality and durable timber products
- Sustainable harvesting techniques for Non wood forest products (NWFPs) and Medicinal and aromatic plants (MAPs)
- Post harvest, value addition and semi-processing of NWFPs
- Marketing and trade channels for forest products- timber, NWFPs and MAPs
- Ethnobotany/ethnobotany - for health, livelihood and pharmaceutical industries
- Wood based industries-problems and prospects

3. Forest regeneration and climate change

- Advances in nursery techniques
- Plantation techniques for degraded lands
- Problems of natural regeneration (especially, NTFPs wherein seeds/flowers or gum/resins are extracted)
- Regeneration for enhancing sustainability of forest ecosystem
- Valuation of forest ecosystem services
- Forests for climate change mitigation

4. Forest management, legislation and policy issues

- Advances in forest management practices with special reference to GIS and RS
- Participatory forest management, developmental projects and their impact on forest ecosystem
- Forest protection-biotic and abiotic interference
- Forest legislation and policies-implications for forest dwellers, stake holders & industries



5. Agroforestry/tree based land use systems

- Short rotation forestry for biomass and energy
- Tree-crop interactions and solutions to enhance production efficiency
- Agroforestry for natural resource management
- Fruit tree/animal/fishery/animal based agroforestry systems for nutritional and livelihood security
- Agroforestry for climate change mitigation
- Agroforestry policy issues and research directions, timber transit and permit rules and their impact on adoption of agroforestry
- Urban and peri-urban forestry for recreation and pollution abatement

6. Traditional food crops and sustainability of agro-ecosystems

- Traditional food crop- nutritional value
- Post harvest and value addition in traditional food crops
- Changing living standards and traditional food crops
- Climate change, diversity and productivity of traditional food crops in agro-ecosystems

7. Role of bees and pollinators in sustainability of agro-ecosystems

- Role of bees and pollinators in integrated farming systems
- Externalities due to bees and pollinators and productivity of farming systems
- Changing climatic scenario and diversity of pollinators in agro-ecosystems

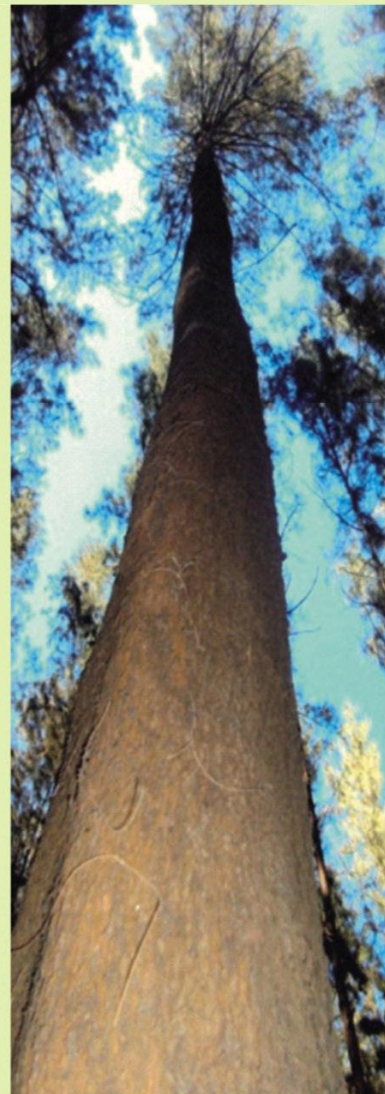
8. Natural resource management and climate change

- Natural resources and climate change
- Developmental projects and hydrology of forest ecosystems
- Soil and water conservation in changing climatic scenario
- Role of NGOs and print and electronic media in natural resource conservation
- Climate change and people's rights to utilize natural resources

9. Foresters, farmers and fabricators

- Public-private schemes/projects for promotion of tree plantations and agroforestry
- Forest based industries, farm and agro-forestry
- Forestry education and capacity building
- Interaction of foresters, farmers and fabricators

PUBLICATION : Selected original research papers presented in the seminar will be published in the special issue of “**Journal of Tree Sciences**” after peer review. Authors are requested to present unpublished data. For details log on to www.ists.in



IMPORTANT DATES (LATEST BY)

Submission of abstract: 30 October, 2016

Intimation regarding status of abstract: 30 November, 2016

Registration and travel details: 20 November, 2016

ORAL PAPERS: Among the accepted abstracts, selected papers will be considered for oral presentation (10-15 minutes duration) under each technical session.

POSTER PAPERS: Other contributed papers will be selected for poster presentation organized concurrent to the concerned sessions. Author(s) of the posters are required to remain present at the venue during the respective poster session for evaluation by the jury. Poster size should not exceed 100 cm (height) x 80 cm (width).

SUBMISSION OF ABSTRACT: Submit only through e-mail at nauseminarists@gmail.com as Microsoft Word file format of doc or docx. Submitted abstracts will be peer reviewed and only suitable ones will be accepted for the presentation. Abstracts will be published in the Book of Abstracts.

GUIDELINES FOR PREPARATION OF ABSTRACT: The title should be in 14 point/Times New Roman and Bold. The name(s) of author(s) should be in 12 point/Times New Roman, typed in capital letters, one space below the title and should be centralized. Mark an asterisk on the name of the corresponding author/presenter. Name of the organization shall come below the name(s) of the author(s) including its postal address with PIN (postal code) and E-mail. The abstract(s) shall not contain more than 300 words typed in 12 point/Time New Roman in single spacing. The abstract should include year, objectives, methodology, results and conclusion of the study. References, figures or tables should be avoided in the abstract.

BEST PAPER AWARD: The jury of eminent scientists/persons of the field will select best oral and poster papers presented in each theme in the seminar for award of certificate by organizers.

REGISTRATION FOR THE SEMINAR: Participants are required to register themselves for the seminar by paying in advance a registration fee through crossed bank demand draft/pay order in favour of "NAU-ISTS-Seminar", payable at Navsari. Cheques will not be accepted. Delegates can also pay the registration fee online. The details of which are given in registration form. Please mail the transaction details at nauseminarists@gmail.com Registration form can be downloaded from www.nau.in or www.ists.in. The registration fee for different categories is as under.



The registration fee for different categories is as under :

Scientists	: Rs. 4000
Private Delegates	: Rs. 5000
Foreign Delegates	: US\$ 150
Student/Research Scholar	: Rs. 2000
Accompanying person	: Rs. 2000

Registration can also be done on spot on the first day of seminar up to 10: 00 AM with late fee of Rs. 1000 for delegate and scientists, and Rs. 500 for student/research scholar.

The registration fee is inclusive of conference material, breakfast, lunch and dinner during the seminar days. Accompanying persons are not entitled to conference material. Students/Research Scholars will have to furnish identity proof.

Accommodation

Shared economy accommodation will be arranged by the organisers on first come-first serve basis after receiving the registration fee. For status accommodation, organisers will extend helping hand to arrange the same on payment basis. To confirm about the tariffs of few hotels in Navsari delegates may contact organizing secretary well in advance. Please confirm your participation and itinerary/travel plan by sending an e-mail to organising secretary by 20th November 2016. Transport from stay to the venue will be arranged by the organisers.

ABOUT NAVSARI: Navsari is the twin city with Surat, situated at an elevation of 9 m above sea level near Arabian Sea, located in southern Gujarat. It is 12 km from the historical place Dandi, where Mahatama Gandhi ji picked up the grains of salt at the end of his Salt Satyagraha. Navsari is also the birthplace of Jamsetji Tata, the "father of Indian industry" and Dadabhai Nauroji, the "Grand Old Man of India,".

WEATHER: Weather in Navsari is sunny from September to May, rainy from June to August. The average minimum and maximum temperatures are 18 °C and 40 °C, respectively. The weather during November-December use to be pleasant with mild winters.

HOW TO REACH: By Air: The nearest Domestic airport is at Surat, 30 km from Navsari. Nearest International Airports are Chhatrapati Shivaji international airports at Mumbai (230 km from Navsari) and Sardar Vallabhbai Patel International Airport, at Ahmedabad (about 300 km from Navsari). By Rail: Navsari lies on the Mumbai-Delhi railway link. Many trains stops at Navsari railway station; however other nearest railway stations are Surat and Valsad. By Road: Navsari is well connected by NH 228 also known as Sabarmati-Dandi Highway. NH 8 also passes through the city.



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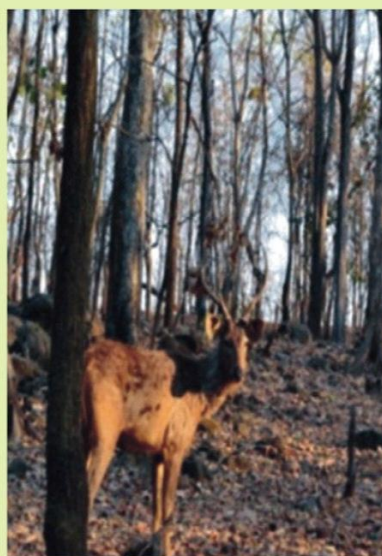
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All correspondence (through email to avoid delay) may be
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Mobile No. 09173403135

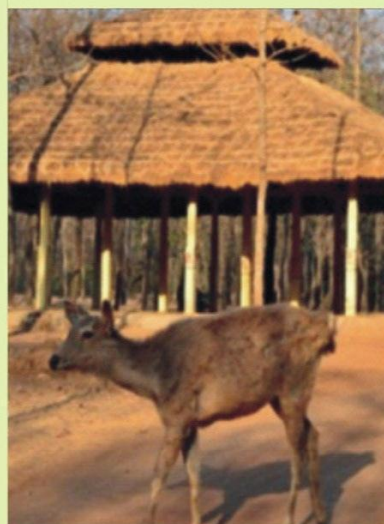
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Registration Form

National seminar
on
**“FOREST AND TREE-BASED LAND USE SYSTEMS FOR LIVELIHOOD, NUTRITIONAL
AND ENVIRONMENTAL SECURITY”**
At
Navsari Agricultural University, Navsari, Gujarat, from 21-23 Dec. 2016

Name (Capital letters)

Designation.....Organization.....
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Mailing address.....
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City.....State.....Pin code.....

Telephone (O):..... Mob:.....

E-mail.....

Theme and sub theme.....

Title of the abstract/paper.....
.....

Interested to publish in special issue of ISTS “Journal of Tree Sciences”

Yes.....No.....

Last date for submission of full length paper is 15 days after acceptance of
abstract and full length paper may be submitted before 1st November, 2016
The manuscript should be prepared strictly as per the format of Journal of
Tree Sciences (please visit ists.in for guidelines)

Amount Demand Draft No.Date.....

Name of the Bank and Branch.....
.....

Account Detail:

Account holder : NAU-ISTS SEMINAR

Account No.: 35909836137

Branch: Navsari Agricultural University

IFSC Code : SBIN0003889

Interested in post seminar tour: Yes/No

Accommodation required: Yes/No

Shared economy accommodation/Hotel (AC/Non AC)

Tentative travel plan:

SIGNATURE