

Information Brochure

Training Program
On
“Fibre Quality Evaluation and Grading System”
December 2-4, 2021



Program Coordinator
Dr. Biplab Saha, ICAR-NINFET

Program Co-Coordinator
Dr. Nageshkumar, T., ICAR-NINFET



ICAR-National Institute of Natural Fibre Engineering and Technology
(Erstwhile ICAR-NIRJAFT)
12 Regent Park, Kolkata-700040, West Bengal



About NINFET

ICAR-National Institute of Natural Fibre Engineering and Technology (NINFET) is a premier Institute under Indian Council of Agricultural Research, New Delhi. The Institute was established as Jute Technological Research Laboratories (JTRL) in Kolkata on 3rd January, 1939 on recommendation of the Indian Central Jute Committee. With the expansion of activities of the Institute, the administrative control of the institute was centralized and went over to the Indian Council of Agricultural Research, New Delhi in 1965. During the long period of eight decades, the institute has flourished with multifarious disciplines and carved a niche as a centre of excellence on research of Jute and Allied Fibre Technology catering to the needs of entrepreneurs and industry. The institute was renamed as National Institute of Research on Jute and Allied Fibre Technology (NIRJAFT) in the year 1997. Since 2019, this institute has been dealing with all natural fibres (except cotton) and renamed as National Institute of Natural Fibre Engineering & Technology (ICAR-NINFET).

Background of the training

Quality of natural fibre determines its end-uses. For manufacture of natural fibre based diversified products, supply of different categories of fibres needs to be ensured. Due to its quality heterogeneity, it is imperative to test the fibre quality parameters using instrumental methods and grade the fibre based on five physical parameters as proposed by BIS and CACP for the benefits of stake holders. Grade of fibre determines its market price also. So fibre growers should be aware of the quality of their produce so that they are not deprived of justified price and fibre buyers get the proper quality. Thus improvement in quality of fibre has assumed much importance in recent times. ICAR-NINFET fibre quality testing laboratory is equipped with the digital testing instruments developed, patented and commercialized by the institute.

AIM

To impart the knowledge of fibre grading processes of natural fibre to the stakeholders

Course Contents

- Modern fibre grading system
- Development of fibre grading instrument
- Prediction of fibre quality parameters through modelling
- Impact of retting accelerator on improvement of fibre quality
- Impact of fungal retting on improvement of fibre quality
- Impact of bacterial culture on improvement of fibre quality
- Microbial strains and their role in improvement of fibre quality
- Role of quality control centre of ICAR-AINPJAF towards selection and release of variety of natural fibres

FACULTY

Institute has well qualified and experienced faculty members working in the area of grading procedure, grading instruments and accelerated retting. In addition, eminent researchers and academicians having knowledge and experience in the proposed area of training will also form a part of the faculty

ELIGIBILITY

ICAR and Non-ICAR officials, entrepreneurs, students and research scholars

MODE OF TRAINING

The program will be conducted in hybrid mode (online/ offline) mode starting from 10-00 AM in the morning till 4.00 pm in the evening with a lunch break for half an hour. The participants are required to attend all sessions for obtaining program completion certificate

APPLICATION PROCEDURE

Interested candidates are requested to send the filled-up registration form through proper channel, pay the FDP fee of **Rs. 1,000/-** (Rupees One Thousand only) +**18%** GST either through demand draft drawn in favour of **Director, ICAR-NINFET** payable at Kolkata or through bank (account details are given below)

Account Name : ICAR NINFET
Bank Name : State Bank of India, Tollygunge Branch
Account No : 11129265097
IFSC Code : SBIN0001719

Submit the scanned copy of the payment details along with registration form to the Program Coordinator/ Program Co-Coordinator: **Application without proper details / registration fee/ approval from the competent authority will not be considered.**

IMPORTANT DATES

1. Last date for receipt of application : November 15, 2021
2. Intimation of selection : November 20, 2021
3. Program duration : December 2-4, 2021

ORGANISERS

PROGRAMME DIRECTOR

Dr. D.B.Shakyawar, Director, ICAR-NINFET

PROGRAM COORDINATOR

Dr. Biplab Saha

Principal Scientist, and Head, QEI Division

ICAR-NINFET

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PROGRAM CO-COORDINATOR

Dr. Nageshkumar, T.

Scientist, QEI Division

ICAR-NINFET

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ADDRESS FOR CORRESPONDENCE

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भाकृअनुप-राष्ट्रीय प्राकृतिक रेशा अभियांत्रिकी एवं प्रौद्योगिकी संस्थान
ICAR-National Institute of Natural Fibre Engineering and Technology

प्रशिक्षण पंजीकरण प्रपत्र / Training registration form

प्रशिक्षण शीर्षक Training Title: _____

1. हिन्दी में पूरा नाम :
Full name English :
2. पदनाम / Designation :
3. जन्म तिथि / Date of Birth :
4. प्रवर्ग / Category : सा./ अ. जाति/ अ. पिछड़ी जाति/ अन्य (कृपया निर्दिष्ट करें)
General / SC / OBC / Other (pls specify)
5. विशेष रूप से असक्षम व्यक्ति (दिव्यांगजन) / Specially disabled Person: हाँ (Yes) / नहीं (No)
6. अर्हता / Qualifications :
7. वर्तमान नियोक्ता / संगठन और पता :
Present Employer / Organization & Address
8. लिंग / Sex : (पु) M / (स्त्री) F / अन्य Other
9. ईमेल / Email :
10. मोबाइल क्र. / Mobile no. :
11. शिक्षा/ अनुसंधान/ व्यावसायिक अनुभव
(पिछले 5 वर्षों के दौरान धारित पद) :
Teaching/research/professional Experience
(Mention post held during last 5 years)
12. अगर आपने संस्थान के किसी पिछले प्रशिक्षण कार्यक्रम में भाग लिया है तो उल्लेख करें:
Mention if you have participated in any past training program of NINFET
13. प्रशिक्षण दौरान आवास की आवश्यकता है / Accommodation is required : हाँ (Yes) / नहीं (No)
14. प्रशिक्षण शुल्क भुगतान/ Fees paid in : ऑनलाईन (Online Transfer) / चेक (Cheque) / डीडी (DD)
For Online payment, mention Transaction no and date:

दिनांक / Date: _____

स्थान / Place: _____

प्रतिभागी का हस्ताक्षर / Signature of the applicant