

INFORMATION BROCHURE



Faculty Development Program on Natural Fibre Production, Processing and Evaluation of Value Added Products



September 13-22, 2021

Program Director
Dr. D.B.Shakyawar

Program Co-ordinators
Dr. L.Ammayappan
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Organized by



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

BACKGROUND

Among textile fibres, natural fibres meet the requirements of the customer in our country as well as creating large employment opportunities and contributing significantly to the national exchequer through export. Other than cotton fibres like jute, wool, banana, sisal, flax, ramie, sunnhemp, coconut, pineapple leaf fibre and yak hair have separate characteristic with immense potentialities for creating a healthy, sustainable and environment-friendly choice of livelihood for the people.

Due to limited availability in specific regions, lack of awareness and non-availability of appropriate extraction technology, those fibres are scarcely used. The utilization of the residual biomass after extraction of these fibres to value added products may be exploited to make the whole process commercially viable and attractive. Product diversification from natural fibers and waste utilization of biomass will help in sustainable livelihood and empowerment of the poor in the rural sector.

With this background, a Faculty Development Program on “**NATURAL FIBRE PRODUCTION, PROCESSING AND EVALUATION OF VALUE ADDED PRODUCTS**” is being organized with an aim explore the recent advances on production, processing and evaluation of value added products from natural fibres and their biomass. This program will help to enrich the technical knowledge of the participants on a complete value chain of natural fibres through various production, processing technologies, product diversification and their evaluation. This program will also explore the possibilities and opportunities to promote the natural fibres for the replacement of synthetic fibres in order to sustain the environment.

ABOUT ICAR-NINFET

ICAR- National Institute of Natural Fibre Engineering and Technology (*Erstwhile ICAR-NIRJAFT*) is a premier research institute under the aegis of Indian Council of Agricultural Research, New Delhi and dedicated to the research of natural fibres leading to the diversified use and industrial growth since 3rd January 1939.

During the eight decades, the institute has flourished with multifarious disciplines and carved a niche as a centre of excellence on research of Natural Fibre Technology catering to entrepreneurs and industry. Presently, institute is equipped with the state of the art laboratories having sophisticated instruments, equipments, machinery, business incubation, workshop, library, pilot plant along with guest house on the adjoining campus of staff quarters.

FACULTY

Institute has well qualified and experienced faculty members working in the area of natural fibres from fibre extraction to entrepreneurs' development. In addition, eminent researchers and academicians having knowledge and experience in the proposed area of training will also form a part of the faculty.

CURRICULUM

A series of lectures and practical demonstrations will cover the advances in production, processing and evaluation of value added products from natural fibres in the following themes

- Present status and future perspectives of natural fibres
- Innovation in extraction, processing & waste utilisation of natural fibres
- Recent trends in product development from natural fibre & their marketing
- Utilisation of advanced technologies in value addition of natural fibres
- Evaluation of value added products

ELIGIBILITY

Participants who are actively engaged in research and developmental activities by Teachers / Scientists/ Entrepreneurs / Industry persons / Research Scholars / PG Students in the area of Textile Chemistry/ Textile Technology/ Textile Manufacture/Agriculture Engineering/ Agriculture Chemistry/ Agriculture Microbiology/ Textile & Clothing / Fashion Technology in UGC approved Institutes / ICAR Institutes/Agricultural Universities /Technical institutes / State Government offices will be eligible to attend the program.

There will be 25% discount in program fee for Research Scholars / PG Students from the recognised institutes in the relevant field.

MODE OF TRAINING

The program will be offered through **Video Conference Mode only**. The participants should have proper internet connectivity and computer / Laptop facility to attend the program on whole time basis.

The participation in all sessions will be mandatory to obtain the program completion certificate.

APPLICATION PROCEDURE

Interested candidates are requested to fill the registration form; get the approval from their competent authority, pay the FDP fee* of **Rs. 5,000/-** (Rupees five thousand only) either in the form of demand draft drawn in favour of **Director, ICAR-NINFET** payable at Kolkata or online payment to institute' SBI Bank Account & the details are given below.

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

After payment, submit the scanned copy of the registration form along with payment details to Program Coordinators# either through email or speed post. Application form without proper details / registration fee/ approval from the competent authority will not be considered.

***-There is no program fee for participants from ICAR Institutions.**

IMPORTANT DATES

1. Last date for receipt of application : September 04, 2021
2. Intimation of selection : September 06, 2021
3. Program duration : September 13-22, 2021

ORGANISERS

PROGRAMME DIRECTOR

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

PROGRAM CO-ORDINATORS

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