



CAPACITY BUILDING PROGRAMME

of ICAR-NINFET for 2024

THE INSTITUTE – AN OVERVIEW

ICAR-National Institute of Natural Fibre Engineering and Technology is a premier institute under Indian Council of Agricultural Research, New Delhi and dedicated to the cause of natural fibres leading to the diversified use and industrial growth.

About us

The institute is adequately equipped with the state of the art laboratories having sophisticated instruments, equipments, machinery, workshop, library, pilot plant along with guest house on the adjoining campus of staff quarters.

The research and development programs of the institute are implemented through four full fledged divisions namely Quality Evaluation and Improvement (QEI), Mechanical Processing (MP), Chemical and Bio-Chemical Processing (C&BP), and Transfer of Technology (TOT).

Human Resouce Development

A centre of human resource development in relation to natural fibres and establish linkages among different scientific and industrial organisations through exchange of scientific and technological knowledge.

ICAR-National Institute of Natural Fibre Engineering and Technology
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)



Why Us?

why it makes sense to choose ICAR-NINFET...



Earn an accredited certificate from a top-tier research institute



Learn at your own pace and switch between courses



Spend less money to achieve your goal



Receive career related support from our experts



VISION



To uphold the cause of jute and allied fibres in favour of farmers, trade and industry keeping in view the prevalent global scenario and bring back the glory of the golden fibre with socio-economic uplift.

MISSION



Utilization of jute and allied fibres in wide and diverse areas by exploiting the intrinsic and advantageous properties of the fibres and converting the demerits whatsoever into merits by application of scientific tools through development of technologies, products and process for the benefit of farmers and industries both the large and small scale.

MANDATE



- » Basic and strategic research on processing all natural fibres and residues, development of new products and quality improvement.
- » Capacity building and entrepreneurship development.

OBJECTIVES



Overall coordination, monitoring, implementation and management of training needs and HR policies for the ICAR-NINFET. Evaluate the strategic HR needs and requirements of the Institute.

Foreward



ICAR-National Institute of Natural Fibre Engineering & Technology plays a pivotal role in enhancing the capacities and rendering technological support of individuals and institutions for extraction, characterization, value addition and product development of natural fibres coupled with skill and entrepreneurship development for making diversified products and generating awareness of fibre retting, fibre extraction and grading technologies for economic empowerment of the rural people.

In over last eight decades, the Institute has been contributing significantly through generating newer scientific knowledge, new research findings, developing technologies on natural fibres and leveraging these to make a positive socio-economic impact.

In the recent years, the Institute widened its scope of activities and initiated new capacity building programmes on diversified areas of natural fibres and contributed for sustainable development of natural fibres and textile sector.

As a pioneering institute on natural fibre, the institute focuses on creation, dissemination and application of knowledge through its training, research and consultancy and policy support programmes.

The Calendar for Capacity Building Programmes for the year 2024-25 of ICAR-NINFET has been prepared based on the HRD needs of Institute and past experiences in conducting several capacity building programmes.

I compliment the HRD Cell of ICAR-NINFET for their concerted efforts in bringing out this publication.

A handwritten signature in blue ink, appearing to read 'Dr. D. B. Shakyawar'.

(Dr. D. B. Shakyawar)
Director



Capacity Building Programme of ICAR-NINFET for 2024

Sl. No.	Name of the Programme	Duration & Tentative dates	Programme Fee for Non-ICAR Participants	Eligibility	Programme contents	Coordinator(s)
01.	Off-Campus Online Collaborative Training Programme on "ICTs for Agricultural Extension – new concepts: IoT in Agriculture; GIS; Artificial Intelligence"	5 days (May13-17,2024)	MANAGE sponsored training program, So free for participants	B. Tech (Agricultural Engineering)	<p>To learn about the advance technologies i.e. Sensors, Microcontrollers, Internet of Things (IoT), Artificial Intelligence (AI), Big Data, Remote Sensing, and Geographic Information System (GIS) in agriculture.</p> <p>To explore the potential application of ICTs tools in agricultural extension and natural fibre sector.</p>	<p>Er. Prateek Shrivastava, Scientist, Research and Development Unit 9734045443 prateek07shrivastava@gmail.com</p> <p>Er. Manisha Jagadale Scientist, Mechanical Processing Division 9850135469 manisha.jagadale.123@gmail.com</p> <p>Dr. D.P.Ray, Head, C&BP Division & Nodal Officer HRD Cell 7439626004 drdpray2022@gmail.com</p>
02.	Refresher Course on "Mechanical Processing of Natural Fibre"	3 days (June 26-28, 2024)	Rs.1000/-	ICAR & Non-ICAR Officials	<ul style="list-style-type: none"> Natural Fibre Production and extraction Natural fibre properties and evaluation Technical textiles Chemical Modification of fibre and yarn Recent advancement 	<p>Dr. Sanjoy Debnath, Head & PrScientist, MP Division, 9433008322, sanjoydebnath@yahoo.com</p> <p>Dr. ManikBhowmick, Senior Scientist, MP Division, 9320363146, manik.bhowmick@icar.gov</p> <p>Dr. Sanchita Biswas Murmu Scientist, MP Division 7477852424 sanchita1600@gmail.com</p>
03.	Training Program on "Instrumental Jute grading as per NABL requirements"	3 days (July 22-24, 2024)	<p>Free for ICAR/JCI officials</p> <p>Rs. 1000/- + 18% GST for Online and Rs. 1500/- + 18% GST for Physical Presence for Non-ICAR officials</p>	A total of Ten (10) participants, who are engaged in research, academic, testing and marketing activities in quality evaluation of jute and other lignocellulosic fibres are eligible to participate in the training programme.	<ul style="list-style-type: none"> Standard operating conditions for jute testing as per ISO 17025. Jute grading system as per IS: 271 (2020) NINFET Instrumental Jute grading (IS: 7032 (2023) under revision) Sample collection processing and coding according to IS: 271 (2020) and NABL procedure Calibration, Testing and Maintenance of digital instruments as per (IS: 7032 (2023) under revision) 	<p>Dr. ManikBhowmick, Senior Scientist, MP Division, 9320363146, manik.bhowmick@icar.gov</p> <p>Dr. Nageshkumar, T., Scientist, QE&I Division 9845429409 nagesha.kumar88@gmail.com</p> <p>Dr. Nilimesh Mridha Scientist, QE&I Division 8587976995 nilimesh.mridha@gmail.com</p>

Sl. No.	Name of the Programme	Duration& Tentative dates	Programme Fee for Non-ICAR Participants	Eligibility	Programme contents	Coordinator(s)
04.	Training cum Workshop on Government e-Marketplace (GeM), E-Office	3 days (August 05-07, 2024)	Free for In-House Participants	Institute Personnel	<ul style="list-style-type: none"> Uncertainty of equipment, measurement and Report Preparation Types of products available in GeM portal Categories in GeM portal Minimum amount of goods purchased through GeM portal Search items in GeM portal 	<p>Mr. Sudipta Gupta Head of Office, ICAR-NINFET 9674254945 sudipta.gupta@icar.gov.in</p> <p>Mr. Shahzad Javed AAO, Admin III 9804121793 shahzad.javed1987@gmail.com</p>
						<p>Mr. KG Nath Senior Technical Officer 8777490727 krishnagopalnath@gmail.com</p>
05.	Quality Improvement programme on Advances in Chemical processing & Biochemical finishing techniques of natural fibre-based products	5 days (September 9-13, 2024)	1000/-+18% GST for Online participants Rs. 1500/-+18% GST for Offline participants s	<p>Research Scholars/Technical Officer/Academician/Scientists of ICAR & Non-ICAR</p> <p>Free for ICAR Officials</p>	<ul style="list-style-type: none"> Desizing of natural fibre Scouring & bleaching of natural fibre Coloration of textile Water repellent and softening finishing of textile Assessment of pre-treated, coloured and finished textiles Fastness properties evaluation of textile 	<p>Dr. D.P.Ray, Head, C&BP Division & Nodal Officer HRD Cell 7439626004 drdpray2022@gmail.com</p> <p>S.N. Chattopadhyay Pr Scientist, CBP Division 9330441553 Sambhu_in@yahoo.com</p> <p>Dr. K.K.Samanta, Sr. Scientist C&BP Division 7980217850 karticksamanta15@gmail.com</p>
06.	Sensitization Programme for SSS regarding duties, professional ethics & attitude towards the work	3 days (September 24-26, 2024)	Free for In-House Participants	Minimum six-month service as Skilled Support Staff	<ul style="list-style-type: none"> Types of duties Professional Ethics Mental attitude to the work Communication ability Skill development Time Management Cleanliness at workplace 	<p>Dr. D.P.Ray, Head, C&BP Division & Nodal Officer HRD Cell 7439626004 drdpray2022@gmail.com</p> <p>Dr. K.K.Samanta, Sr. Scientist C&BP Division 7980217850 karticksamanta15@gmail.com</p> <p>Ms. Jayeeta Choudhury, Technician & Assistant HRD Cell 9163397221 jayeetachoudhury13@gmail.com</p>
07.	Laboratory Management System as per ISO/IEC 17025:2017 & Internal Auditing	3 days (November 20-22, 2024)	<p>Rs. 1000/-+18% GST for ICAR participants</p> <p>Rs. 5500/-+18% GST for Non-ICAR fellows</p>	<ul style="list-style-type: none"> Quality Managers responsible for maintaining and achieving laboratory accreditation Technical/lab personnel Internal laboratory Auditors 	<ul style="list-style-type: none"> Standard operating conditions for jute testing as per ISO 17025. Jute grading system as per IS: 271 (2020) NINFET Instrumental Jute grading (IS: 7032 (2023) under revision) Sample collection processing and coding according to IS: 271 (2020) and NABL procedure 	<p>Dr. D.P.Ray, Head, C&BP Division & Nodal Officer HRD Cell, In-Charge SAIF & CTC 7439626004 drdpray2022@gmail.com</p> <p>Co-coordinators Dr. Nilimesh Mridha Scientist, QE&I Division 8587976995 nilimesh.mridha@gmail.com</p>

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					Maintenance of digital instruments as per (IS: 7032 (2023) under revision) <ul style="list-style-type: none"> Uncertainty of equipment, measurement and Report Preparation 	Dr. Koushik Manna Sr. Technical Officer, SAIF & CTC 9883083041 srinkoushik@gmail.com Dr. Ipsita Das Sr. Technical Assistant, QEI
						Division 9831613138 ipsita24890@gmail.com
08.	Value Chain Management in Natural Fibres	5 days (November 25-29, 2024)	MANAGE sponsored training program, So free for participants	Students and Staffs from Govt/Private organizations, Entrepreneurs	<ul style="list-style-type: none"> To learn about the value chain management in different commercial natural fibre product class and their differentiation. To equip the trainees with the knowledge about various methodological approaches employed in the value chain management and research in the natural fibre sector 	Dr. Manik Bhowmick, Sr. Scientist, ICAR-NINFET, Kolkata-700040 E-mail: manik.bhowmick@icar.gov.in Dr. Santanu Basak, Sr. Scientist, ICAR-NINFET, Kolkata-700040 santanu.basak@icar.gov.in Dr. D. P. Ray, Head C&BP Division and In-charge HRD Cell, ICAR-NINFET, Kolkata-700040 E-mail: drdpray2022@gmail.com
09.	Objective Quality Evaluation and Grading system	5 days (November, 2024)	Online Fees: Rs. 1000/-+18% GST Offline Fees: Rs. 1500/-+18% GST	ICAR & Non-ICAR Officials, Entrepreneurs, Students, Research Scholars	<ul style="list-style-type: none"> Modern Fibre Grading system Development of fibre grading instrument Prediction of fibre Quality parameters through modelling Accelerated retting on improvement of fibre quality Microbial strains and their role in improvement of fibre quality Role of quality control centre of ICAR-AINP JAF towards selection 	Dr. Avijit Das Head & Pr. Scientist, QEI Division 8902737727 avijitcrri@gmail.com Dr. Nageshkumar, T., Scientist, QE&I Division 9845429409 nagesha.kumar88@gmail.com Dr. Atul Sinha Sr. Scientist, QE&I Division 9794361102 singha.atul@gmail.com
10.	Online Training Programme on "Public-Private partnership in natural fibre production, processing & value addition"	5 days (December 16-20, 2024)	MANAGE sponsored training program, So free for participants	ICAR & Non-ICAR Officials, Entrepreneurs, Faculty members of colleges & officers working in state & Central Govt Departments	<ul style="list-style-type: none"> To learn about the recent advances in production, processing & value addition in jute & other natural fibres. To explore the potential of public-private collaborations in creating enterprises in natural fibre sector. 	Dr. L.K. Nayak Head, ToT Division 8777891963 laxmikanta8495@rediffmail.com Sh. Sujai Das, Scientist ICAR-NINFET, Kolkata-700040 sujai.das@icar.gov.in Er. H Baite Scientist, ToT Division 9776309963 hkt.baite@icar.gov.in



We strive to provide high-quality service and support with the latest and most innovative technology to-date.

Contact :

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