



CAPACITY BUILDING PROGRAMME

of **ICAR-NINFET** for 2021-22

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 Resource 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)



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 2021-22 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.


(Dr. D. B. Shakyawar)
Director

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.







TRAINING

Capacity Building Programme of ICAR-NINFET for 2021-22

Sl. No.	Name of the Programme	Duration & Tentative dates	Programme Fee for Non-ICAR Participants	Eligibility	Programme contents	Coordinator(s)
01.	Capacity Building Programme for Administrative Staff	5 days (July 26-30, 2021)	Rs.1000/-	ICAR & Non-ICAR Officials	<ul style="list-style-type: none"> E-office, ERP, Online Meeting, Leave rules, Managerial skills 	<p>Mr. Navin Kumar Jha Senior Administrative Officer ICAR-NINFET navin_pohaddi@yahoo.co.in 9903492200</p> <p>Shahzad Javed AAO ICAR-NINFET shahzad.javed1987@gmail.com 9804121793</p>
02	Awareness programme for Housekeeping & Sanitary staff	3 days (Aug 23-25, 2021)	NA	Institute's Housekeeping staff	<ul style="list-style-type: none"> Housekeeping & Sanitization: Definition Objectives Scope Tools & its proper use. Safety measures: Attitude & Mental ability of Housekeeping staff. 	<p>Mr. Chanchal Kundu Technical Officer I/C, U & S Unit ICAR-NINFET 9230548644 chanchal_ma@yahoo.co.in</p> <p>Mr. Prosenjit Sanyal C.T.O. I/C, Civil Unit ICAR-NINFET sanyalp10@yahoo.com 9432588301</p>
03	Training on ISO 9001:2015 QMS	3 days (Aug 26-28, 2021)	Rs.2500/-	ICAR & Non-ICAR Officials	<ul style="list-style-type: none"> Fundamentals of ISO 900001:2015 Quality Management systems Internal Auditing Risk Analysis Achieving Quality Objectives 	<p>Dr. Avijit Das Principal Scientist ICAR-NINFET avijitcrri@gmail.com 7059321946</p> <p>Dr.D.P.Ray Principal Scientist & Nodal Officer, HRD ICAR-NINFET dpray2017@gmail.com 7439626004</p> <p>Dr. Manik Bhowmik Scientist, MP Division manik.bhowmick@gmail.com 9320363146</p>
04	Awareness programme of security personnel	3 days (Sept 2-4, 2021)	Rs.1000/-	Security personnel of ICAR & Non-ICAR institutes	<ul style="list-style-type: none"> Basic rules and maintenance of documents Digital monitoring (CCTV) and record keeping Fire safety measures First aid and emergency medical services Prevention of contagious diseases Basic law and order issues 	<p>Dr.R.K.Ghosh Scientist ICAR-NINFET iarirakesh@gmail.com 8420749440</p> <p>Pintu Nandi, Senior Technician ICAR-NINFET pinmit_1983@yahoo.co.in 9883797697</p>

Sl. No.	Name of the Programme	Duration & Tentative dates	Programme Fee for Non-ICAR Participants	Eligibility	Programme contents	Coordinator(s)
05	Fibre Quality Evaluation and Grading System	3 days (Sept 7-9, 2021 Sep 28-30, 2021)	Rs. 1000/-	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 modeling 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 of variety 	<p>Dr. Biplab Saha Principal Scientist & Head, QE&I Division biplabsa@yahoo.com 900838940</p> <p>Dr. Nagesh Kumar T. Scientist QE&I Division nageshkumar.t@icar.gov.in 9845429409</p>
06	Faculty Development programme on Natural Fibre production, processing and Evaluation of value added products	10 days (Sept 13-22, 2021)	Rs.5000/-	Teachers, scientists, entrepreneurs & industry	<ul style="list-style-type: none"> Natural Fibre productions Processing of Natural Fibres Evaluation of value added products 	<p>Dr. L.Ammayappan Principal Scientist ICAR-NINFET lammayappan@yahoo.co.in 8296355193</p> <p>Dr. Kartick Samanta Scientist, MP Division karticksamanta15@gmail.com 7980217850</p>
07	A Refresher Course on 'Mechanical Processing of Natural Fibre'	5 days (Sept 21-25, 2021)	Rs. 2500/-	ICAR & Non-ICAR Officials Entrepreneurs, Students, Research Scholars	<ul style="list-style-type: none"> Natural Fibre Production & extraction Natural Fibre Properties & evaluation Technical textiles Chemical modification of fibre& yarn Recent advancement 	<p>Dr. S. Sengupta Principal Scientist & Head MP Division drssengupta42@gmail.com 9433080878</p> <p>Dr. Manik Bhowmik Scientist, MP Division manik.bhowmick@gmail.com 9320363146</p> <p>Dr. Kartick Samanta Scientist, MP Division karticksamanta15@gmail.com 7980217850</p>
08	Quality Improvement programme on Advances in Chemical processing & Biochemical finishing techniques of natural fibre based products	3 days (Sept 27-29, 2021)	Free for ICAR Officials Non-ICAR Officials Rs.1000/-	Research scholar/ Technical officer/Academician /Scientist of ICAR & Non-ICAR Officials	<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 pretreated, coloured and finished textiles Fastness properties evaluation of textile 	<p>Dr.S.N.Chattopadhyay Principal Scientist & Head, CBP Division ICAR-NINFET sambhu_in@yahoo.com 9433825561</p> <p>Dr. Kartick Samanta Scientist, MP Division karticksamanta15@gmail.com 7980217850</p>
09	An introductory course on 'Nonwoven technology from lignocellulose fibres and quality evaluation' for teachers, scientists, entrepreneurs & industry	3 days (Oct 27-29, 2021)	Rs. 1000/-	Teachers, scientists, entrepreneurs & industry	<ul style="list-style-type: none"> Production & extraction: Properties & evaluation Chemical modification of fibre Needle punched nonwoven Adhesive bonded nonwoven Thermal bonded nonwoven Products & Applications Textile statistics and SQC Evaluation of fabric Finishing of nonwoven fabric Problems and prospects 	<p>Dr. S. Sengupta Principal Scientist & Head, MP Division drssengupta42@gmail.com 9433080878</p> <p>Dr. Sanjay Debnath Principal Scientist MP Division sanjoydebnath@yahoo.com 943308322</p> <p>Dr. Sanchita Biswas Scientist MP Division sanchita.biswas@icar.gov.in 9434858382</p>

Sl. No.	Name of the Programme	Duration & Tentative dates	Programme Fee for Non-ICAR Participants	Eligibility	Programme contents	Coordinator(s)
10	Extraction, characterization and Quality Evaluation of Natural Fibres	5 days (Nov 8-12, 2021)	Rs.2500/-	ICAR & Non-ICAR Officials Entrepreneurs, Students , Research Scholars	<ul style="list-style-type: none"> Extraction of natural fibres through mechanical means Extraction of natural fibres through improved retting processes Characterization of natural fibre through Instrumental and chemical evaluation Quality evaluation of natural fibres 	<p>Dr.D.P.Ray Principal Scientist & Nodal Officer, HRD ICAR- NINFET dpray2017@gmail.com 7439626004</p> <p>Dr.R.K.Ghosh Scientist ICAR-NINFET iarirakesh@gmail.com 8420749440</p> <p>Dr. V.B.Shambhu Principal Scientist ToT Division, ICAR-NINFET vbs9605@gmail.com 9062032742</p>
11	ERP and E-Office	3 days (Nov 22-24, 2021)	Rs. 1000/-	ICAR & Non-ICAR Officials Entrepreneurs, Students , Research Scholars	<ul style="list-style-type: none"> Concept of ERP Functionality of ERP How to proceed for indents Other features Basics of E-office How to process a file in e-office 	<p>Mr. Navin Kumar Jha Senior Administrative Officer ICAR-NINFET navin_pohaddi@yahoo.co.in 9903492200</p> <p>Mrs. Swarnali Mukherjee Asst. Administrative Officer ICAR-NINFET contactmeswarnali@gmail.com 983654328</p>
12	Quality Improvement programme on natural fibre based Biocomposites, manufacturing & their applications	5 days (Nov 22-26, 2021)	Rs.2500/-	ICAR & Non-ICAR Officials Entrepreneurs, Students , Research Scholars	<ul style="list-style-type: none"> Concepts of Biocomposites Quality Improvement programme on natural fibre based Biocomposites, manufacturing of biocomposites Application of Biocomposites 	<p>Dr. L.Ammayappan Principal Scientist ICAR-NINFET lammayappan@yahoo.co.in 8296355193</p> <p>Dr. Santanu Basak Scientist ICAR-NINFET shantanubasak@gmail.com 9643297075</p>
13	Training programme on Agri-business, IP management and Entrepreneurship development in natural fibre sector	5 days (Nov 23-27, 2021)	Rs. 2500/=	ICAR & Non-ICAR Officials, Entrepreneurs, Faculty members of college & officers working in State/Central Govt. Departments	<ul style="list-style-type: none"> Concept of Agri-business Intellectual Property Rights (IPR) and its importance Branding and IP protection Market potential of natural fibre based products Schemes and supports related to entrepreneurship in natural fibres. 	<p>Dr. A. N. Roy Principal Scientist & Head, ToT Division a_n_royin@yahoo.co.in 9433549988</p> <p>Dr. L. K. Nayak Principal Scientist, ToT Division laxmikanta8495@rediffmail.com 9433152846</p> <p>Dr. S. B. Roy Principal Scientist, ToT Division drroysb@gmail.com 9433156187</p>
14	Training Programme on Value Chain Management in Natural Fibres	5 days (Dec 20-24, 2021)	--	Faculty member college & officers working in State central Govt. Departments	<ul style="list-style-type: none"> Basics of value chain management Value chain management in Pashmina wool Value chain management in Jute designer fabrics and handicrafts Value chain management in Cotton Value chain Management in Jute technical textiles Value chain Management in fabric coloration and decorated fabrics Bankable project and DPR Marketing of natural fibre products Market-Economic Analysis Value creations of natural 	<p>Dr. Shalendra Deputy Director, Behavioural Sciences & In-charge Head of the Centre for SCM & Marketing in Agril. Extn., MANAGE, Hyderabad shalendra@manage.gov.in Mob. 7732999925</p> <p>Dr. D.P.Ray Principal Scientist & Nodal Officer, HRD ICAR- NINFET dpray2017@gmail.com 7439626004</p> <p>Dr. Sanjoy Debnath Principal Scientist ICAR- NINFET sanjoydebnath@yahoo.com 9433008322</p>

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					fibre through quality Improvement & Determination <ul style="list-style-type: none"> Facilitating and strengthening of value chains Operation and logistics management in natural fibre product marketing ICT in Value Chain Commodity trading and spot exchanges Formulating value chains and Improving Business environment of value chains with Natural fibres 	
15	Training programme on Natural Fibre Based Value added Product Development	5 days (Jan12-16, 2022)	Rs. 2500/-	ICAR & Non-ICAR Officials, ICAR & Non-ICAR Officials, Entrepreneurs, Faculty members of college & officers working in State/Central Govt. Departments	<ul style="list-style-type: none"> Wealth of Indian Natural fibres Potentiality of these natural fibres Importance of Fibre extractors for availability natural fibres towards 'Atmnirvar Bharat' Design development for unique value added products Entrepreneurship development in natural fibre based value added products 	Dr. A. N. Roy Principal Scientist & Head, ToT Division a_n_royin@yahoo.co.in 9433549988 Dr. L. K. Nayak Principal Scientist, ToT Division laxmikanta8495@rediffmail.com 9433152846 Er. H. Baite Scientist, ToT Division hthangneobaite@gmail.com 9776309963



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



Contact :

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