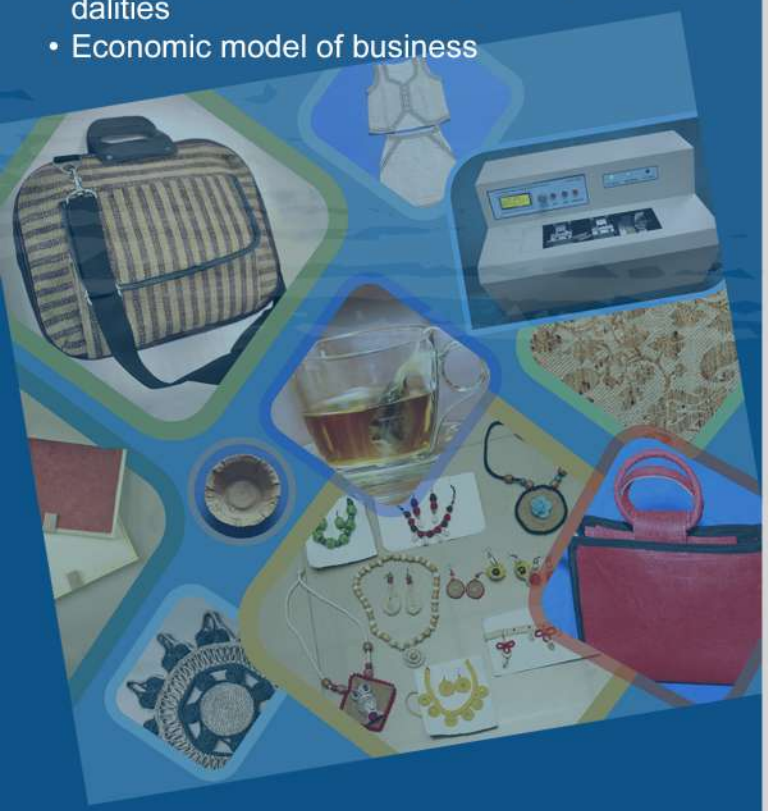
- Networking with Govt. department, Industry and financial institution
- Government Schemes and Programme for start up and micro-entrepreneurs (MSME a nd NABARD scheme)
- Business environment and market including digital marketing
- Risk management: uncertainties, problems in business, entrepreneur's doubts and solut ions / remedies of problems
- Branding, Trademark, Copyriht and protection of intellectual property
- IPR Regime under ICAR Ecosystem
- Trade Mark, Logo, Copy Right
- Bankable DPR Preparation, money manage ment and auditing of money and resource Export Opportunities and explaining the mo dalities
- Economic model of business



Targeted Participants

Young engineers / graduate professionals/ entrepreneurs, who are interested in the business development on natural fibre and its bio based diversified value added products.

Food and Lodging Fully residential program Free boarding and lodging facility will be provided to participants at ICAR-NINFET

Last date of receipt of application

3rd February 2024

Interview in hybrid mode

6th & 7th February 2024 (10AM - 01PM)

No. of Participants

20 participants

About The Team

Program Leader : Dr D B Shakyawar, Director ICAR-NINFET Kolkata
Course Coordinator: Dr A N Roy, Principal Investigator, ABI Center (Mobile: 9433549988)
Course Co-coordinator: Dr L K Nayak, Head TOT Division (Mobile: 9433152846)
Course Co-coordinator: Dr S B Roy, Incharge ITMU (Mobile: 943315618)
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National Level Entrepreneurship Development Programme(EDP)

on

"Natural Fibre and its Bio Mass Based Value Added Products"

26th February to 8th March, 2024

ICAR-National Institute of
Natural Fibre Engineering and Technology
12, Regent Park, Kolkata -700040

About the Institute

The institute is engaged in research and development activities since it's inception in the year 1939 in jute and other natural fibres like nettle, banana, pineapple, yak, flax, hemp, ramie, vimal and various other plant fibres starting from their extraction to product development. NINFET is moving through a progressive and dynamic path with a dedicated group of scientific, technical and administrative staffs and established its position as "centre of excellence" in the field of natural fibres. Conservation of natural resource is now of critical importance to the sustainable development of science, technology, culture and the society.

As all of us witness, natural fibres have become the primary resources used in our daily life to fulfil need of clothing and packaging. Institute is focusing on supply chain and value chain management of Himalayan Fibres which include nettle, hemp, Bhimal and yak fibre which has great potential for apparel and home textile.

The institution has been dedicatedly working towards the betterment of stakeholders reliant on natural fibers. By offering essential technology, interventions, and viable solutions, the institute has played a pivotal role in enhancing the prospects of natural fiber industries. This ongoing diversification reflects the institute's commitment to innovation and its proactive approach in contributing to the broader industry's growth and sustainability.

Institute has made collaboration with different organizations, front line demonstration of technologies, trial runs in different mills, interaction with stakeholders through meets and training programme, which established strong linkages with industry and young entrepreneurs. Institute has a strong integration as "One ICAR" and collaboration sister institutes like CIRCOT, CISH, CSWRI, CIPHET, NRC Yak, NRC Orchids, IIHR, CRIJAF etc. Contractual research project and consultancy services are being provided to entrepreneurs for upscaling the technology at industrial level through customized product / process. The institute's endeavors in the realm of Intellectual Property (IP) have been particularly noteworthy. The outcome of these efforts was the successful granting of intellectual property rights in the form of patents, copy right and design registration. These achievements not only signify the institute's commitment to fostering innovation but also highlight its dedication to safeguarding its intellectual assets.

About Program

With this over view ICAR-NINFET is going to frame such an Entrepreneurship Development Programme which will encourage the budding start ups for their future business ventures with the NINFET Invented technologies for pan India scenario.

Objectives

- To develop entrepreneurship among young start ups in the field of natural fibre production & processing; and its biomass utilization for sustainable development.
- To provide support for creating start-up and making aware about Government Schemes/ programme, banking financing and prepara tion of bankable DPR.

- To provide technical support and pilot plant facil ity for R&D and development of prototype /product and promotion of business opportunities through business incubation.

Selection of participants

Two modes of selection of candidate

i. Selection through hackathon : A national wide Hackathon organised by institute for young budding engineers.

ii. Already registered/ interested entrepreneurs who will apply against national level advertise ment and interview.

Coverage

- Entrepreneurship development
- Start up development
- Business outlook in natural fibre processing management for sustainable development
  - Vegan leather
  - Pulp and paper products
  - Bleaching and dying of fibre, yarn and fabric
  - Handicrafts products
  - Shopping bag manufacturing
  - Apparel Garment
  - Agro-textiles

- Business opportunities in value chain management of natural fibre based biomass/ animal fibres
  - Micro Crystalline cellulose (MCC),
  - Keratin from wool and derivative for cos metics and medical textiles
  - Activated carbon,
  - Jute leaf drink -an alternative of green tea
  - Particle board, Bio-composite, Packtech material
  - Building material
  - Food and braveries from natural fibre plant material