Who can apply?

Any person with a flair for technologies developed by ICAR-NRRI to strengthen rice production and to take advantage as a start-up for expanding/diversifying the existing business in rice & allied sectors. Basic knowledge of computers/computing devices is essential. The participants are also expected to have their own arrangements for attending online training modules through video conferencing.

How to apply

Interested candidates may apply Online by filling up the application form available on the website. Training fee of Rs.600/- have be paid through online payment gateway, while filling the application form for the program at https://nrri-abi.com

Selection

The course will be offered online to the participants on first come first served basis

Online essentials

- Camera and microphone enabled computer desktop/laptop or Tab/Mobile device with good internet connectivity
- Soft copy of the compendium of lectures will be provided to each participant
Online certificates will be provided which can be printed by the participants

Course Director

Dr. G. A. K. Kumar
PI-ABI
Principal Scientist & Head
Social Science Division, ICAR-NRRI, Cuttack

Course Coordinator

Dr. Upendra Kumar
Scientist
Crop Production Division, ICAR-NRRI, Cuttack

For registration & more details contact

Course Co-Coordinators

- Dr. Sai Krishna Repalli
  Business Manager
  Agribusiness Incubation Centre (ABI)
  ICAR-NRRI, Cuttack
  Ph. 9938996514

- Mr. Rakesh Kumar Nayak
  Business Executive
  Agribusiness Incubation Centre (ABI)
  ICAR-NRRI, Cuttack
  Ph. 89844 33004

- Mrs. Trusha Das
  Business Executive
  Agribusiness Incubation Centre (ABI)
  ICAR-NRRI, Cuttack
  Ph. 9556428129

Director

Dr. Dipankar Maiti
ICAR- National Rice Research Institute
Cuttack-753006, Odisha, India
Website: https://nrri-abi.com
https://icar-nrri.in/

Entrepreneurship Development Program on
‘Technologies developed by ICAR-NRRI to Strengthen Rice Production’

21-26 Dec, 2020

Organised by
Agribusiness Incubation (ABI) Centre
Agribusiness Incubation (ABI) Centers were established in different ICAR-Institutes for technology commercialization and also to train the youth in their respective fields of interest. Entrepreneurship development remains the major objective of the ABIs to support the youth for their agribusiness start-ups. In this sequence, Agribusiness Incubation Centre of ICAR- National Rice Research Institute, was started in the year 2016 as a part of component II under the scheme “NAIF” to replace Business Planning & Development (BPD) unit and is functioning with the following objectives.

1. To create an environment to foster integration of rice farmers/farmwomen (potential agripreneurs), agricultural researchers, financial institutions, state extension officers and marketing forces in agripreneurship development mode to harness knowledge, technologies and information from multiple sources for promoting remunerative rice based farming and improving livelihoods of rice farmers and farmwomen.

2. Promote agripreneurs in rice based ecosystems through Farmers Producers Organizations and value chains for last mile scale-up of technologies.

3. Facilitate technology commercialization related to rice ecosystem.

4. Conduct training and capacity building in agribusiness management.

**Scope**

ICAR-National Rice Research Institute (NRRI) is working with a mission to develop and disseminate eco-friendly technologies to enhance productivity, profitability and sustainability of rice cultivation. In this sequence, the institute have developed commercial technologies to strengthen rice production system.

In this context, the current training program on ‘Technologies developed by ICAR-NRRI to strengthen rice production holds significance’. Application of urea in rice crop is slowly turning out to be toxic with environmental hazards. Moreover, frequent application of urea is increasing the input cost of agriculture. In this scenario, application of eco-friendly bio-fertilizers in rice crop can fix the atmospheric nitrogen. Production of these bio-fertilizers can be taken up as entrepreneurship opportunity. In this program, contribution of microbial technologies including Azolla, Blue green algae and Azotobacter as potential biofertilizers to enhance rice yield will be dealt in detail.

Moreover, management of Nitrogen is critical for optimum rice yield. This can be efficiently managed by the five panel customized leaf colour chart (CLCC) developed by NRRI. By using this, farmers can adjust the Nitrogen application to actual crop demand, achieve higher yields and reduce the Nitrogen application by 10-20 kg/ha. Applications of CLCC will be explained during this training.

Rice the staple food crop of majority of the poor population in our country, suffers protein energy malnutrition. In order to combat this problem, ICAR-NRRI has released two High Yielding Varieties, CR Dhan 310 & CR Dhan 311 which contain higher protein content. The potential of these two varieties will be dealt in detail during this training program.

Other than the conventional High Yielding Varieties, farmers have a choice to cultivate aromatic rice varieties which have high market potential. This training program emphasises on the aromatic varieties developed at NRRI and their market potential. This course has been designed to skill the budding entrepreneurs to enhance their income by proper utilization of NRRI technologies. Course comprises of interaction with scientists, discussions and information/idea exchange with participants for the benefit of prospective entrepreneurs.

**Course coverage**

- **Azolla** a potential nitrogen source to enhance rice yield
- Customized Leaf Color Chart (CLCC) for real time Nitrogen (N) management in rice
- Blue green algae a potential biofertilizer to enhance rice yield
- High Protein Rice (CR Dhan 310 & CR Dhan 311)
- **Azotobacter** a potential biofertilizer to enhance rice yield
- Aromatic rice varieties of NRRI

**Experts**

- Dr. Upendra Kumar, Scientist, NRRI, Cuttack
- Dr. Rahul Tripathi, Senior Scientist, NRRI, Cuttack
- Dr. Krishnendu Chattopadhyay, Principal Scientist, NRRI, Cuttack
- Dr. S.S.C. Patnaik, Scientist, NRRI, Cuttack