



INFORMATION BROCHURE
ICAR Sponsored Winter School
 on



Start-up Opportunities Based on Agricultural Engineering Technologies

1-21 February, 2018



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Technology Transfer Division
ICAR-Central Institute of Agricultural Engineering
Nabibagh, Berasia Road, Bhopal-462038 (MP)

Introduction

India today is emerging as a major start up hub with new entrepreneurial energy, however; unfortunately, the agricultural sector has remained out-of-ideas and out-of-mind. Enterprising young entrepreneurs who have flooded urban India with start-ups in recent years have unfortunately neglected the rural economy. Or to put it this way, entrepreneurs who can transform the face of the rural economy have failed to emerge in rural India. Not only in developing alternative sources of employment, entrepreneurship can also help radicalize farming techniques and bring innovation to improve yields per hectare.

There exists innumerable business opportunities in the agriculture and allied sectors. Investors from all over the world are making more and more investments into the sector for unleashing its existing potentialities as well as for exploring the untapped areas. Agro based industries can flourish in rural sectors where labour is abundant and labour cost is low. Small and medium enterprises set up at rural level can supplement traditional farming in a big way and create alternative sources of income. Government has already initiated to offer attractive incentives including easy loans, insurance schemes and tax benefits to farmers-cum-entrepreneurs.

Boosting entrepreneurial minds in agriculture can boost productivity by incorporating modern technologies in the farming sector. It is in this context, this training course of 21 days is proposed to be organized to develop human resource capable of addressing entrepreneurial needs for promotion and adoption of engineering technologies in Agriculture.

Objectives

The main objective of organising winter school is to upgrade the knowledge of participating research/extension personnel towards entrepreneurship development for empowerment and sustainable livelihood of farming community.

Course Content

The content (**lectures, hands-on practical and field visits**) of the winter school has been designed to cover broadly the following:

- i. Custom hiring of agricultural machines
- ii. Technopreneurship opportunities in post-harvest & value addition
- iii. Bio-residue management for agribusiness
- iv. Covered cultivation as business enterprise
- v. Feed processing for cattle, poultry and fish
- vi. Tools & Techniques for food quality & safety
- vii. IPR Issues for researchers and business
- viii. Cold storage, Rural Godowns for safe storage
- ix. Entrepreneurship Opportunities in the field of Solar Energy
- x. Enterprise & Personal Management
- xi. Funding opportunities & marketing strategies
- xii. Lessons from successful entrepreneurs & Case Studies

Eligibility

The training programme is open to Scientists/Teachers/Subject Matter Specialists/ Professionals of ICAR Institutes/CAU/SAUs/KVKs involved in research, development and extension programmes. The eligibility criteria for the course are:

- Master's degree in Agricultural Engineering / Agriculture and allied discipline Food Process Technology / Food Engineering /Dairy Engineering/ Postharvest Technology/ Food science/ Any other relevant discipline from any of the recognized university.
- Working in a position not below the rank of Scientist / Assistant Professor / Lecturer / Subject Matter Specialists or Equivalent.

How To Apply (On-Line Application Process)

As per the ICAR instructions, the interested candidates should register and apply online through 'Capacity Building Programme' (CBP) portal as follows:

1. Visit the website <http://www.iasri.res.in/cbp/> or click on Capacity Building Programme link under <http://www.icar.org.in/>
2. Login using your user ID and Password. To create user ID use "Create New Account".
3. After login, click on "Participate in Training" link and fill the Performa.
4. Take a printout and send duly signed copy through proper channel to the Course Director of Summer School by post along with registration fee as per the address and contact details given overleaf. Please free to contact the Course Director for any assistance. The last date for receiving the nomination is 31st December, 2017. The advance scanned copy of the nomination may be sent by e-mail.

Registration Fee

The participants are required to pay a sum of Rs. 50/- (Rupees Fifty only) as registration fee (Non-refundable) along with the completed application in the form of Demand Draft drawn in favour of ICAR UNIT-CIAE, BHOPAL payable at Bhopal.

Boarding and Lodging

Free lodging and boarding will be provided to the participants as per the approved ICAR norms. The Institute has a furnished guesthouse/ hostel with dining, recreation and medical facilities in the campus. Please note that, strictly no accommodation in the guest house will be provided to the family members or guests of the participants.

Travel

Participants will be paid travel fare to and fro through the shortest route from their respective institution to CIAE, Bhopal and back for journey by AC-II class train fare or bus as the case may be. TA to be paid on production of a certificate or tickets by the participant. No air fare will be provided.

How to Reach

CIAE Bhopal is well connected by air, rail and road. Pre-paid auto rickshaw and taxi can be availed at railway station to reach CIAE Bhopal campus.

About CIAE

The Central Institute of Agricultural Engineering (CIAE), was established by ICAR on Feb.15, 1976 at Bhopal (MP). The CIAE is a premier Institute in the country to conduct basic, applied and adaptive research in Agricultural Engineering. Organizing specialized training courses for human resource development is a major commitment of the Institute to upgrade the skills of engineers, scientists, subject matter specialists, farmers, artisans, manufacturers and planners engaged in the promotion of agricultural mechanization in the country.

The Institute campus located at Nabibagh on Bhopal-Berasia Road, 7 and 8 km, from Bhopal station and Raja Bhoj airport respectively, is situated at 77°20'E longitude and 23°20'N latitude at an elevation of 495 m above mean sea level. During Jan-Feb, the max. temp. normally varies between 25-30°C while min. is about 10-15 °C.

Important Dates

Last date for receipt of applications : 31.12.2017

Intimation to selected candidates : 05.01.2018

Confirmation by selected candidates: 10.01.2018

All correspondence may kindly be addressed to:

Course Director

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