

## Bhubaneswar City

Popularly known as "City of Temples", Bhubaneswar, the capital city of Odisha is located in Eastern India. It is one of the most beautiful and popular tourist destination in the country. The city has famous archaeological and historical sites like *Lingaraj* temple with *Dhuli*, *Khandagiri* and *Udayagiri* caves and *Nandankanan*, the zoological park. The city is surrounded by world famous places like black pagoda at *Konark* (65) Kms, Lord *Jagannath* temple and sea beach at *Puri* (60 Kms) and other places of interest make ones visit memorable. The art and craft of Odisha is also famous worldwide. Weather in the month of November is pleasant with maximum temperature below 30°C and minimum temperature above 18°C.

## Contact us

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## Mailing Address

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## Application Form (ICAR Winter School)

Entrepreneurship Development through Value Addition of underutilized crops

15<sup>th</sup> November- 5<sup>th</sup> December, 2018

1. Full name (in BLOCK letters):.....
2. Designation:.....
3. Present employer and address:.....
4. Address to which reply should be sent:.....
5. Mobile No:.....
6. E-mail:.....
7. Date of birth :.....
8. Gender ( Male/ Female):.....
9. Academic record: (Degree onwards)

Examination Passed	Subjects	Division	University & year of passing
Bachelor			
Master			
Doctorate			
Post-doc			

10. Teaching/ research/ professional experience:  
Post held Period with dates  
.....
11. No. of Publications: .....
12. Marital status (Married/Unmarried): .....
13. Discipline and field of specialization: .....
14. Mention if you have participated in any seminar, Summer/Winter School/Short course, etc., during the last five years under ICAR/ other organizations:
15. Demand Draft of Rs. 50/- in favour of Dean, CAET, OUAT, Bhubaneswar, payable at Bhubaneswar towards registration (non-refundable):  
Bank.....  
Draft No:..... Date.....
16. Recommendation of the forwarding institute  
It is certified that the information furnished above is true and correct as per office order.  
  
Signature ..... Date.....  
Designation with official seal.....

Note: The Performa can be typed/ photocopied (enlarged) and used



Information Brochure



ICAR sponsored Winter School  
on

ENTREPRENEURSHIP DEVELOPMENT  
THROUGH VALUE ADDITION OF  
UNDERUTILIZED CROPS

15<sup>th</sup> Nov- 5<sup>th</sup> Dec, 2018



Course Director  
Dr. (Mrs.) K. Rayaguru

Course Coordinators  
Dr. M. K. Panda  
Dr. U. S. Pal

Organized by

Dept of Agricultural Processing and Food Engg.  
College of Agricultural Engineering and Technology  
Orissa University of Agriculture and Technology  
Bhubaneswar- 751003

## Background

Considering that the production of staple crops is facing challenges due to climate change effects, there is a need for exploiting the underutilized crops for achieving the goal of food and nutrition security. The neglected and underutilized crops in the country can aid not only for the development of diversified healthy foods, but also can prevent the environmental issues created due to food waste. Establishment of agro processing centres based on underutilized crops can enhance rural economy in addition to providing an array of healthy food products. However, it is important that the design of healthy foods has to be approached in a holistic way from the nutritional, technological, and managerial point of view to create more value at different points of the food chain. Hence, a formal skill development in this sector is highly essential.

Further, it is required to train the students on value addition and entrepreneurship development of underutilized crops through different course modules and experiential learning programmes. Thus, there is a need to impart skill to the Asst. Professors and other middle level professionals, who can ultimately develop human resource capable of addressing entrepreneurial needs for promotion and adoption of engineering technologies in the sector of value addition of underutilized crops.

## Course contents

The course includes lectures and hands-on practical on following broad themes

- The potential of underutilised crops for food and nutritional security through value addition
- Processing technology for value addition and nutritional aspects
- Optimization techniques for design of Food products
- Objective and subjective measurement of Food quality
- Product quality and food safety management
- Packaging and shelf life enhancement
- Economic analysis of process technology and business module preparation
- Food laws and regulations
- Entrepreneurial skills for establishment of Agro-processing centre

## Host Institute

Orissa University of Agriculture and Technology is the second oldest agricultural University of the country established in 1962. As the only agricultural university of the state, it is dedicated for excellence in graduation and post-graduation studies in basic sciences, agriculture and allied sciences. It undertakes the developmental initiatives through agricultural technology innovation for transmission to different stakeholders. OUAT has ten constituent colleges, one Centre for Post Graduate Studies (CPGS) and ten Agro-polytechnics to lead the versatile academic activities. It has eight Regional Research & Technology Transfer Stations (RRTTS), fifty-two All India Coordinated and Networking Research Projects and several ad-hoc projects to carry forward the research programmes and thirty-one KVKs with various location specific extension programmes for effective transfer of technologies to the farming community of the state.

## Eligibility

A maximum of 25 participants will be selected by the screening committee as per the ICAR guidelines and following eligibility criteria.

- Master's degree in Agricultural Process and Food Engineering, Food science and Technology, Home Science, Horticulture, Community Science, Biochemistry and Microbiology subjects with operational knowledge of computers
- Working not below the rank of Assistant Professor or equivalent in the concerned subject in agricultural University/ ICAR Institutes/KVKs/CAUs..

## Travel, Lodging and Boarding

Participants selected for winter school will be paid travel fare for to and fro journey by rail restricted to the maximum of II AC/bus fare by shortest route (subject to availability of fund on production of original tickets as per OUAT norms based on the criterion of pay scales of participants). Free boarding and lodging will be provided to the participants during the training period in guest house/farmers hostel of OUAT campus on twin sharing basis.

## How to apply

Interested candidates should register and apply online through "Capacity Building Programme" Vortal (<https://cbp.icar.gov.in>).

- Login using your User ID and Password. To create User ID use "Create New Account" link.
- After login, Click on "Participate in Training" link and fill in the Proforma.
- Take a printout of the filled in application form and get it approved by the competent authority of the Institute. Upload the scanned copy of the application through the above portal by 30.09.2018.
- However, the advance copy of the application (in enclosed format) may be sent to the Course Director of Winter School by post along with registration fee (non-refundable) of Rs. 50/- as DD in the name of Dean, College of Agricultural Engineering and Technology, Bhubaneswar payable at Bhubaneswar, Odisha. The scanned copy of application through email may also be sent.

## Important dates

**The last date for receipt of nomination: 30.09.2018**  
**Intimation of selection : 15.10.2018**  
**Confirmation by selected candidates : 25.10.2018**

## Registration Fees

The participants are required to send the successfully submitted online form approved by competent authority along with demand draft of Rs 50/- as registration fees (non-refundable) in favour of "Dean, CAET, OUAT, Bhubaneswar" payable at Bhubaneswar.

**NOTE:** Only selected candidates will be intimated through e-mail, fax or by post to which they should reply promptly with acceptance and travel plan.