

REGISTRATION FEE:

Participants are required to pay the sum of Rs. 50/- towards registration fee (Non-refundable) in favour of The Comptroller, PJTSAU, Hyderabad should be sent through DD along with the application form

DURATION:

The Short Course will be of 10 days duration i.e., from 2nd to 11th March 2022 (Online Mode).

PROPOSED ONLINE PLATFORM: Cisco Webex/ Google Meet

Intake capacity: 25

Important dates:

Last date of receipt of application: 23.02.2022

Communication to selected candidates: 25.02.2022

Confirmation by selected candidates: 26.02.2022

The candidates may note that the selection is based on the first cum first serve basis limited to intake of 25. Candidates may make travel arrangements only after they receive confirmation from our end

All correspondence can address to

Course Director

Dr. K. Srinivasa Kumar

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ICAR sponsored

SHORT COURSE ON

**ADVANCED TECHNOLOGIES IN RESOURCE CONSERVATION
MACHINERY FOR DRYLAND AGRICULTURE**

2 - 11, March 2022

Sponsoring Authority

Education division

Indian Council of Agricultural Research (ICAR)
New Delhi

Course Director

Dr. K. Srinivasa Kumar

Course Co-Director

Dr. Satyanarayan

Er. P. Sudhakar Reddy

Organized by

College of Agricultural Engineering, Kandi, Sangareddy

Venue

College of Agriculture

**PROFESSOR JAYASHANKAR
TELANGANA STATE
AGRICULTURAL UNIVERSITY**

Rajendranagar, Hyderabad - 500 030

www.pjtsau.edu.in



ABOUT SHORT COURSE

Application of advanced technologies in resource conservation for dryland agriculture plays a vital role in the modern crop production. Technology innovation and interventions are inevitable for the farmers involved in dryland farming, for conserving the resources in agriculture. The short course covers about the advanced implementable technologies in conservation agriculture for the benefit of agricultural professionals to reach out the needy farmers for enhancing their farm productivity. This short course is designed to meet the requirements of the advanced machinery used in conservation agriculture in general and their field application in particular with the following objectives.

Objectives

1. To create awareness on the advanced technologies in resource conservation machinery for dryland agriculture
2. To upgrade the knowledge and skills of agricultural professionals on the technology application in conservation agriculture

COURSE CONTENT

Resource conservation machinery for dryland agriculture-Applications of IoT in agriculture-Advances in protected cultivation techniques-Agronomical practices for conservation agriculture-Advances in planting machinery for dryland farming-Crop residue management machinery for dryland agriculture-Appropriate machinery for weed management in dryland farming-Patenting of agricultural machinery-Zero tillage techniques for conservation agriculture-exposure visits to ICRISAT-CRIDA-FIM, PJTSAU.

METHODOLOGY

The short course has been designed to facilitate maximum interaction between participants and resource personnel. It includes participatory interactive lectures using audio-video-visual aids, group discussions and visit to different Institutes for hands on training sessions.

ABOUT PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

Professor Jayashankar Telangana State Agricultural University, (PJTSAU) Hyderabad, Telangana has been ranked 10th among the Indian Agricultural Universities by Indian Council of Agricultural Research. It strives to produce globally competitive human capital and cutting edge technologies to contemporary challenges of Agriculture and allied sectors and to evolve responsive and dynamic farmer outreach mechanism through its dedicated faculty.

PJTSAU is having 9 constituent colleges with 6 of those devoted to faculty of Agriculture, 2 to faculty of Agricultural Engineering and Technology and one to faculty of Home Science offering 4 Undergraduate, 24 Post Graduate and 17 Doctoral Degree Programmes in various faculties. In addition, there are 13 constituent polytechnics (11 in Agriculture, 1 each in Seed Science and Agricultural Engineering) offering two year diploma in Agriculture and Seed Technology in Telugu, three year Diploma in Agricultural Engineering in English. There are 16 Agricultural Research Stations across the state which mainly focuses on developing climate resilient crop varieties, sustainable natural resource management, community science, Farm Mechanization, post harvest and precision agriculture technologies, District Agricultural Advisory and Transfer of Technology Centres (DAATTC) located in 9 erstwhile districts and Krishi Vigyana Kendras (8) located in Telangana State are serving as ambassador to penetrate research outcomes in farmers fields.

ABOUT HYDERABAD

Hyderabad is the capital city of a State of Telangana. It lies on the Deccan Plateau, 541 meters above the mean sea levels, over an area of 625 km (244 mile). Hyderabad city is known for its rich history, food and its multi-lingual culture, both geographically and culturally. Places to visit are Charminar, Golconda Fort, QutbShahi Tombs, Salar Jung Museum, Birla Mandir, State Archaeological Museum, Nehru Zoological PARK, Shilparamam, High Tech City, Necklace Road, Ramoji Film City etc. The city is well connected by Air, Rail and Road. The climate in Hyderabad is pleasant during the month of January. However, the participants are advised to carry warm clothing as temperature might be low during early morning and in nights.

ELIGIBILITY

Faculty of ICAR Institutes/SAU's/CAU's/Agricultural faculty in the cadre of Assistant Professor or equivalent and above

HOW TO APPLY

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

1. Visit the website <https://iasri.res.in/cbp/> or click on 'Capacity Building Program (CBP) under <https://icar.org.in/>
2. Login using your user ID and password. To create user ID, "Create New account".
3. After log in click on "Participate in Training" link and fill the proforma.

Take a printout and send duly signed copy through proper channel to the course director of short course by post along with registration fee as per the address and contact details given in overleaf. Feel free to contact Course Director, Course Co-ordinators for any assistance.

The last date for receiving nomination is 23rd February 2022. The advanced scanned copy of nomination may be sent to e-mails mentioned in the brochure