

Chief Patron

Dr. Narendra Singh Rathore
Hon'ble Vice-Chancellor, MPUAT, Udaipur

Patron

Dr. Ajay Kumar Sharma
Dean, CTAE, MPUAT, Udaipur

Organizing Secretary

Dr. Sunil Joshi
Professor & Head, Department of ECE, CTAE, MPUAT

Dr. Naveen Choudhary
Professor & Head, Department of CSE, CTAE, MPUAT

Coordinators

Dr. Navneet Agrawal, Asst. Professor ECE, CTAE
Dr. Lava Bhargava, Professor ECE, MNIT
Dr. Chitrakant Sahu, Asst. Professor ECE, MNIT
Dr. Suman Singh, Professor (Retired) FRM CCAS
Dr. P. C. Bapna, Professor (Retired), ECE, CTAE
Mr. Deep Manwar, Asst. Professor, ECE, CTAE
Dr. Kalpana Jain, Asst. Professor, CSE, CTAE
Mr. Himanshu Mohan, Asst. Professor, ECE, CTAE
Mr. Vishwapriya, Asst. Professor, ECE, CTAE
Mr. Lalit Verma, Faculty ECE, CTAE
Dr. Suriti Gupta, Faculty, ECE, CTAE

Organizing committee

Dr. Mahesh Kothari, TEQIP Coordinator, CTAE
Dr. Rohit Bhakar, TEQIP Coordinator, MNIT
Dr. Deepak Sharma, Administrative Officer, CTAE
Mr. Neeraj Chaoudhary, Electronics and Communication
Mr. Narendra, Electronics and Communication
Ms. Gunjan Sahay, Electronics and Communication
Mr. Naresh Tiwari, Electronics and Communication
Mr. Lokesh Lohar, Electronics and Communication
Mrs. Harsha Prabha, Electronics and Communication
Mr. Sanjay Shekhawat, Electronics and Communication
Mr. Ajay Singh, Electronics and Communication

National Workshop

On

Digital Technologies For Smart Agriculture

(October 16-17, 2019)

REGISTRATION FORM

Name(Participant).....

(In block letters)

Department.....

Address

.....

Phone

e.mail

Signature (Participant)

Signature (H.O.D.)

Last Date to submit registration form : 14/10/2019.

Who can apply: Faculty, PhD/ M.Tech scholars, B.Tech students of the college. Selection will be on first come first serve basis with preference to faculty and PG students.

Contact us:

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College of Technology and Engineering
MPUAT Udaipur



In Twinning

with



Malaviya National Institute of Technology
(MNIT) Jaipur

Organizes

National Workshop on
Digital Technologies
for
Smart Agriculture
(October 16-17, 2019)



under
Technical Education Quality Improvement
Programme (TEQIP III)

Venue
Department of Electronics and Communication
Engineering,
CTAE, MPUAT, Udaipur-313001

ABOUT MPUAT

Maharana Pratap University of Agriculture and Technology, Udaipur (MPUAT), the second oldest Agricultural University of the state, came into existence on 1st November, 1999. The jurisdiction of the university include constituent colleges, Agricultural Research Stations (ARSs), Agricultural Research Sub Stations (ARSSs), Livestock Research Station (LRS), Dryland Farming Research Station (DFRS), and Krishi Vigyan Kendras (KVKs) spread over 7 districts of the south and south eastern part of the Rajasthan. These districts are Udaipur, Rajsamand, Dungarpur, Banswara, Chittorgarh, Bhilwara and Pratapgarh.

ABOUT CTAE

The college of Technology and Engineering, Udaipur (CTAE) is a constituent college of the Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur. It is situated at about 7 km from Udaipur city railway station and bus terminal and 2 km from Rana Pratap Nagar railway station. It is about 20 kms from Dabok Airport.

ABOUT DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The department of ECE has made significant contributions in research, training and teaching. The department has earned number of externally funded research projects sponsored from government and other agencies.

ABOUT TEQIP

CTAE has been bestowed with the prestigious Technical Education Quality Improvement Program (TEQIP) for strengthening institute to improve learning outcomes and employability of graduates by Ministry of Human Resource and Development, Government of India. This project is a World Bank initiative to improve efficiency and effectiveness of the technical education system in the country.

WORKSHOP THEME

The revolution and advancement in digital technologies has necessitated the dissemination of these technologies to the society and also to adopt it for modern agricultural applications. Although, the digital technology has transformed nearly every aspect of modern life, however, an organized and structured application in agriculture sector is yet to be explored and developed.

The agriculture sector, a major contributor to the national GDP has a tremendous potential and scope for its holistic modernization through the intervention of emerging digital technologies like: Artificial Intelligence (AI), Augmented Reality (AR), Virtual Reality (VR), Extended Reality (ER), Robotics, Drones, Internet of Things, Cloud Computing, Sensors, Blockchain technology etc.

The two day multidisciplinary workshop is aimed to bring together scientist and industry experts from agriculture and digital technologies on a common platform in order to discuss and share the present status, issues and challenges pertaining to agriculture sector and also to explore the possible digital technology solutions to address these issues and challenges.

WORKSHOP TOPICS

- Present status and Challenges in Agriculture.
- Artificial Intelligence and Machine Learning in Agriculture
- Image processing for Agricultural Applications.
- IOT-Sensor based Greenhouse Automation
- Artificial Intelligence using Drone based Hyperspectral Imagery for smart agriculture.
- Adoption of Digital Technologies/industry 4.0 in agriculture.
- Scientific Solution & Applications in Plant & Crop Research
- Augmented Reality and Virtual reality for smart agriculture.
- Cloud and IOT in agriculture.
- Big Data Analytics

KEYNOTE SPEAKER

Prof. M. B. CHETTI
Hon'ble Vice Chancellor
University of Agricultural Sciences
Dharwad

SPEAKERS

Prof. Rabindra Sah
Centurion University Bhubaneswar

Prof. Preetha Bhadra
Centurion University Bhubaneswar

Mr. Akhay
Quepplintech pvt. Ltd., Gurugram

Mr. Prafulla Mathur
Quepplintech pvt. Ltd, Gurugram

Dr. Sunil Joshi
CTAE Udaipur

Dr. Chitrakant Sahu
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Dr. Navneet Agarwal
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