



# College of Technology and Engineering

Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, India

## International Conference on Recent Challenges and Opportunities in Engineering-2021 (TEQIP-III Sponsored) March 13-14, 2021



**Chief Patron**  
**Prof. Narendra Singh Rathore**  
Vice-Chancellor, MPUAT, Udaipur



**Patron**  
**Prof. Ajay Sharma**  
DEAN, CTAE, Udaipur



TEQIP-III Coordinator  
Dr. Mahesh Kothari (CTAE, Udaipur)



Chair Person  
Dr. R. R. Joshi (CTAE, Udaipur)



TEQIP-III Coordinator  
Dr. Rohit Bhakar (MNIT, Jaipur)



Coordinator  
Dr. Navneet K. Agarwal  
(CTAE, Udaipur)



Con. & Org. Secretary  
Dr. Naveen Jain  
(CTAE, Udaipur)



Con. & Org. Secretary  
Dr. Jai Kumar Maherchandani  
(CTAE, Udaipur)



Coordinator  
Dr. Trilok Gupta  
(CTAE, Udaipur)

## About CTAE, Udaipur

The College of Technology and Engineering, Udaipur (CTAE) was started in 1964 with a Graduate Programme in Agricultural Engineering. Presently, the college has B. Tech. programmes in 7 branches, M.Tech. programmes in 12 disciplines, besides PhD programmes in 9 disciplines. The college has been recognized as Outstanding Engineering College in Northern Region and has been awarded "Outstanding Institution Award" in 2013 by National Institute of Technical Teachers Training and Research, Chandigarh (a Ministry of Human Resource and Development, Government of India, Institute).

## About ICRCOE

International Conference on Recent Challenges and Opportunities in Engineering (ICRCOE 2021) is being organized with the objective of bringing together researchers, developers and practitioners from academia & industry people working in these areas. The conference consists of keynote talks, panel discussions and oral presentations on all aspects of Engineering and Science (on-line). Researchers are invited to present the latest developments and technical solutions in their multidisciplinary areas. Please submit your research work here

(<https://easychair.org/conferences/?conf=icrcoe2021>)

## CONFERENCE Topics (Not limited)

### Artificial Intelligence: An Advance Approach in Planning and Operation of RES Intensive Power Systems

- Neural Networks
- Fuzzy Logic Theory
- Operation Research
- Soft Computing
- Evolutionary Computation
- Big Data Analytics
- Operations Management
- Renewal Energy Sources and System
- Power System
- Smart Grids
- Micro Grids

### Engineering, Technology and Science

- Information Theory and Coding
- Scientific Computing
- System Dynamics
- Control and Robotics
- Virtual Instrumentation
- Internet of things(IOT)
- Power Electronic Converters
- Intelligent Traffic Management

- Advance Safety Control
- Sustainable and Efficient Public Transportation
- Green Building Infrastructure
- Smart Metering
- Hydraulic Structures and its Impact
- HVAC/HVDC Systems
- Internal Combustion Engines
- Hydrology and Modelling
- Hydro-informatics
- Water Resources Management
- Water Resources Planning, Policy and Management
- Surface and Groundwater Modelling
- Sustainable Water Resources
- Sustainable Water Management Facilities
- Automobiles & Automotive Engineering
- Compressible Flows & CFD
- Structural Modeling
- Energy Conversion
- Processing and Food Technology
- Advancement in Farm and Machinery
- Mining and Environment Protection
- Cognitive Science
- Virtual Power Plants
- Energy Market
- Demand Response
- Wide Area Measurement Systems

## IMPORTANT DATES

Full Paper Submission Deadline

JANUARY 21, 2021

Intimation of Acceptance/Rejection

FEBRUARY 05, 2021

Camera Ready Paper Submission

FEBRUARY 10, 2021

Registration Open

FEBRUARY 15, 2021

## SUBMISSION AND PUBLICATION

Prospective authors are invited to submit their original research work that has not been previously submitted or presented in any other venue.

All papers that conform to submission guidelines will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, relevance to conference, contributions and readability. The authors of the accepted papers will be allowed to make corrections in accordance with the suggestions of the reviewers and submit final camera-ready papers within the stipulated deadline.

Full papers must be prepared as prescribed in format (Max. 8 pages) and submitted through the Easy Chair link only:

(<https://easychair.org/conferences/?conf=icrcoe2021>)