



www.rmuti.ac.th

**RMUTI**

ราชมงคลอีสาน นครราชสีมา

# ICPEI 2024



**CALL FOR PAPERS**

## The 2024 International Conference on Power, Energy and Innovations

**16-18 October 2024**

**KORAT, THAILAND**

<https://www.icpei.net/2024/>

The 2024 International Conference on Power, Energy and Innovations (ICPEI 2024), organized by Electrical Engineering Academic Associations (Thailand) EEAAT and All Departments of Electrical Engineering in Rajamangala University of Technology Isan (RMUTI), technical support by IEEE Thailand Section and IEEE PES-Thailand Chapter. ICPEI is the conference of the Power, Energy and Innovations and provides a forum for researchers and engineers involved in electric power and energy engineering to share ideas and results.



**Topics of interest for submission include, but are not limited to :**

### Power:

- Power quality
- Smart grid technologies
- High voltage engineering
- Power system management
- Modeling, analysis and operation
- Motor drives and motion control
- Power transmission and distribution
- Switch-mode power supplies and UPS
- Lightning protection of power systems
- Planning and operation of Power systems
- Power system dynamics, stability and control
- FACTS
- Others related topics

### Innovation:

- IT and IoT innovation
- Nano technology
- Material engineering
- Information engineering
- Technology for big data
- Technological innovation
- Innovation in power system
- Technology-enhanced learning
- E-Car and Motorcycle conversion
- Communication technology

### Energy:

- Wind energy
- Energy issues
- Biogas and biomass
- Solar electricity and PV applications
- Hydrogen and fuel cells
- Hybrid energy systems
- Solar thermal applications
- Renewable energy technologies
- Energy policy, planning and management
- Analysis and design of electrical machines
- Power electronics in traction and automotive
- Modelling and simulation in power electronics
- Modelling and simulation in electrical machine
- Energy conversions
- Battery and energy storage technology
- Advances in sustainable buildings sustainable cities
- Other related topics

### Important Dates

Submission Deadline for Full Manuscript: ~~June 4, 2024~~ **July 1, 2024**

Notification of Acceptance: **July 31, 2024**

Camera-ready Submission Deadline **August 18, 2024**

Conference Dates: **16-18 October, 2024**

### Contact:

Asst' Prof. Dr.Yuttana Kongjeen

E-mail: [icpei2024@gmail.com](mailto:icpei2024@gmail.com)



**IEEE Thailand Section**