

International Conference on Energy, Power and Environment

(Towards Clean Energy Technologies)

September 04 – 06, 2020
National Institute of Technology Meghalaya, Shillong, India



ICEPE 2020

ICEPE 2020 Special Session (SS-09)

1. Title of the special session

Emerging Trends in Industrial Automation and Control Communication

2. Aims & Scope of the Session:

The aim of this session is to share theoretical and analytical knowledge of the emerging technologies intricate with Industrial Automation and Control, Communication Protocols, and their Networking based on Cyber Physical Systems (CPS), Industrial IoT, Industry 4.0, Advanced SCADA, Networked Control Systems (NCS). The session topographies a distinguishing blend of theoretical and applied research papers of archival, eternal value, reporting the results by authors across the globe. The unpublished original research work related to the topics mentioned below are encouraged to submit in this special session.

3. Topics of interest in sensing mechanism include, but are not limited to:

- Industrial Automation and Control
- Industrial Communication Protocols
- Cyber Physical Systems
- Industrial Internet of Things
- Industry 4.0
- Advanced SCADA
- Networked Control Systems

4. Special Session Organizers:

Mr. S.M.A.K. Azad,

Assistant Professor Sr. Grade,

VIT-AP University,

e-mail id: abdulkalam.a@vitap.ac.in



Mr. S.M.A.K. Azad, a man of interdisciplinary background especially with industrial process automation and control as the major areas of research. Presently he is working for industrial communication protocols and their application with the recent trends of networking. He started his graduation from Electrical and Electronics Engineering affiliated S.V University, Tirupati. He became of student of Electronics and Communication Engineering during his post-graduation, and completed his Master of Technology from Biju Pattnaik University, Rourkela. Besides of being an academicians for more than a decade, he also had an experience in Industrial Automation and Control during his tenure with pioneers of automation industry like Yokogawa and ABB GISL(R&D), Bangalore for more than four years. Presently he is with VIT-AP University as Assistant Professor Sr. Grade continuing his research towards industrial communication protocols for industrial process control.