



## **Proposal for Special Session**

Title: **Emerging Technologies and Future Trends in Electrical & Automation**

### **Aim and Scope:**

Emerging technologies refer to the continuing development of an existing technology. It is also denoted the emerging of new technology. Emerging technologies have produced new opportunities as well as new challenges to accommodate the existing needs especially in Electrical & Automation area. For example, the development of Internet of Things in wide applications of electrical, electronics, robotic, automation and Non-Destructive testing.

Thus, this special session is aimed to specifically cover the emerging technologies in the related area. It will provide the researchers and related industry in addressing and mutually discussing the latest technologies in a way to elevate and overcome the obstacles faced in this area.

### **Session Chair/Session Organizer**

Ts. Dr. Ruzlaine Bt Ghoni, *Faculty of Engineering Technology, Electrical & Automation Department, University College TATI, Terengganu, MALAYSIA*

### **Sub Topics:**

Topics included but are not limited to this area:

- Renewable energy
- Waste energy harvesting
- Internet of Things
- Internet of Robotic Things
- Sensor network
- Smart Grid
- Energy Security
- Electrical Machines
- Drive Technologies
- Power electronics
- Power Generation and Distribution
- Sustainable energy



- Robotic and Automation
- Non Destructive Testing

**Technical Program Committee:**

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