

# International Conference on Computational Intelligence & Internet of Things (ICCIoT) 2018

14<sup>th</sup>– 15<sup>th</sup> December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

## Computational Intelligence for Smart Power System and Energy Management

Conference Proceedings:

ALL ACCEPTED & PRESENTED papers will be included in ELSEVIER-SSRN Digital Library.



Conference Website

<http://icciot2018.iaasse.org/index.html>

Paper Submission Link

<https://easychair.org/conferences/?conf=icciot2018>

Important Dates

**Submission**

Acceptance

Registration

Camera Ready

Conference

~~August 25, 2018~~ September 25, 2018

October 20, 2018

November 20, 2018

November 20, 2018

December 14-15, 2018

Call for Paper

**Special Session Name:** Computational Intelligence for Smart Power System and Energy Management

**Session Chair:** Dr. Sadhan Gope, Mizoram University.

**Co-chair:** Dr. Debashish Bhowmik, TIT Agartala.

**Convener:** Dr. Subhojit Dawn, SIT, West Bengal.

**E-mail:** [sadhan.nit@gmail.com](mailto:sadhan.nit@gmail.com)

**Mobile:** 09862670880/ 07005317632

The proposed International Conference on Computational Intelligence & Internet of Things (ICCIoT), 2018 will be held at National Institute of Technology, Agartala, India to enable researchers build connections between different digital technologies based on Computational Intelligence and Internet of Things (IoT).

Smart sensors can collaborate directly with machine without human involvement to automate decision making or to control a task using Computational Intelligence. Smart technologies including green electronics, green radios, fuzzy neural approaches and intelligent signal processing techniques play important roles for the developments of the wearable health care systems. This conference aims at providing a forum to discuss the recent advances on enabling technologies in Computational Intelligence and its applications for IoT.

Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations.

#### **The objectives of the special session:**

The main objective of this session is to provide the knowledge in the recent trends, challenges and advances in power and energy sector.

#### **Topics of Interest:**

We welcome submissions for ICCIIoT 2018's Special Session on “**Computational Intelligence for Smart Power System and Energy Management**” in the following areas and not limited to:

1. Power System Optimization
2. Power System Deregulation
3. Smart Grid Technologies & Applications
4. Electric Vehicle
5. Application of Soft Computing Techniques
6. Artificial Intelligence
7. Power Quality
8. Advances of Renewable Energy Sources and Technology
9. Energy Storage System
10. Demand Side Management
11. Load Frequency Control
12. Electrical Drives, Systems and Applications
13. Process Control and Instrumentation
14. Power System Operation and Control

Research contributions targeted towards green technologies will be also considered.

#### **Technical Committee Members**

1. Prof. Sujit kumar Biswas, Jadavpur University
2. Prof. Nidul Sinha, NIT Silchar
3. Prof. Lolit Kumar Singh, Mizoram University
4. Prof. Chandan Kumar Chanda, IEST Shibpur

5. Dr. Priyanath Das, NIT Agartala
6. Dr. Ardhendu Saha, NIT Agartala
7. Dr. Arup Kumar Goswami, NIT Silchar
8. Dr. Abhinandan De, IEST Shibpur
9. Dr. Sudipta Chottapadhy, Mizoram University
10. Dr. Prashant Kumar Tiwari, NIT Silchar
11. Dr. Mantosh Biswas, NIT Kurukshetra
12. Dr. Achinta Badiya, Mizoram University
13. Dr.(Miss) Chaitali Koley, NIT Mizoram
14. Dr. Kabir Chakraborty, TIT Agartala
15. Dr. Santosh Kumar Singh, RGM CET, Andhra Pradesh

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