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

## 14th – 15th December, 2018

### National Institute of Technology Agartala, Tripura, India

Special Session on:

## *Recent Trends and Applications on Green Computing, Computer Vision and Internet of Things*

Conference Proceedings:

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



### Conference Website

http://icciiot2018.iaasse.org/index.html

### Paper Submission Link

https://easychair.org/conferences/?conf=icciiot2018

### Important Dates

| | |
|---|---|
| *Submission* | ~~*August 25, 2018*~~ *September 25, 2018* |
| *Acceptance* | *October 20, 2018* |
| *Registration* | *November 20, 2018* |
| *Camera Ready* | *November 20, 2018* |
| *Conference* | *December 14-15, 2018* |

### Call for Paper

| | |
|---|---|
| **Special Session Name:** | **Recent Trends and Applications on Green Computing, Computer Vision and Internet of Things.** |
| **Chairman:** | Dr. Sudipta Roy, Assam University, Silchar Campus. |
| **Session Chair / Convener:** | Dr. Mrinal Kanti Deb Barma, NIT Agartala |
| **Co-chair:** | Dr. Jhunu Debbarma, Tripura Institute of Technology. |
| **E-mail:** | mrinal@nita.ac.in, mkdb06@gmail.com |
| **Mobile:** | 8974253353 |

The proposed International Conference on Computational Intelligence & Internet of Things (ICCIIoT), 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:

Technology has continuously been a crucial influence which acutely tangled with the progress of urban cities. Smart Cities seeks to assimilate technical and scientific vitality into urban and municipal operations, from making governance decision to transportation and more. The governance aspect of cities is not always perceptible to the citizens or end user. However, the advent of IoT, web 2.0 technologies and social media usage, the assimilation of smart cities technologies are more evident in our daily lives, which thrive enormous modifications in urban cities.

The massive and unstructured collection of location and citizen-related data offers several opportunities for the progress of smart city applications using big data technologies. Smart City analytics call for data to transform into information and this information into insight. Extracting the value from the streaming and heterogeneous urban data, subsequently, spotting, handling, and enhancing the operation of the smart city is a tedious task. The special issue on "Big Data for Smart City" aims to bring together scientists and researchers to publish their work in the field of Big Data while forwarding the latent cooperation with related engineering fields in the context of Smart Cities like, urban planning and development, industrial engineering, environmental studies and social sciences. The research associated to visionary ideas, case studies, novel approaches and technologies related to data-driven pioneering results and Big Data based applications to handle the physical as well as virtual domain challenges for developing smart cities.

The **Big Data for Smart City** special session calls for papers which offer state-of-the-art technologies and novel research findings.

### Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ Urban Computing and Big Data Analytics

- ✓ Urban Big Data and the Development of City Intelligence

- ✓ Big Data Ingestion and IoT Frameworks for Smart Cities

- ✓ Real-Time GIS for Smart Cities

- ✓ Big Data Modelling and Frameworks for Smart Cities

- ✓ Big Data Ingestion and Analysis for Smart and Connected Communities

- ✓ Context Aware Data Analytics for Smart Cities

- ✓ Collaborative Content Creation, Crowdsourcing and Social Collaboration Technologies

- ✓ Machine Learning for Smart Cities

- ✓ Optimization Techniques for Big Visual Data

- ✓ Sentiment Analysis, Opinion Representation and Influence Process Modelling

- ✓ Artificial Intelligence and Decision Making Systems for Smart Cities

- ✓ Big Data Privacy and Security for Smart Cities

- ✓ Location Based Smart City Big Data Governance and Management

- ✓ Transportation in Smart City using Big Data Analytics

- ✓ Big Data Analytics for Environment Monitor, Analytics and Prediction

- ✓ Big Data in Applied Operational Research for Healthcare

- ✓ Big Data Analytics and the Optimization of Public Administration Performance

- ✓ Designing of Big Data Technologies for Smart Health Information System

- ✓ Case Studies related to Big Data for Smart City