



5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)
Manipal University Jaipur, Jaipur, Rajasthan, India
February 13-15, 2020.

Special Session on

Intelligent Internet of Things (IIoT)

Special Session Organizer(s):



Dr.J.Janet is the Principal of Sri Krishna College of Engineering and Technology, Coimbatore, a top 100 NIRF ranked autonomous Institution affiliated to Anna University. Being a distinguished academician with 25 years of experience and versatile research outcomes in Computer Science Engineering, she has guided more than 12 doctoral candidates to completion in Anna University, JNTUH and MS University. With research thrust on Internet of Things, Artificial Intelligence, Medical Image Processing, Knowledge based systems and Telemedicine, she has over 120 SCI and Scopus Indexed Journal publications to her credit with research imprint of 200+ citations. An engaging collaborative work with interdisciplinary researchers has led to colossal Research funding grants to the tune of 6.51 Crores in diverse schemes of DST-YSS, TIDE, CHORD, CSRI, TITE, SEED, WOS, AICTE-RPS & UGC-MRP and her strong research modelling skills to act as technical mentor for multitude of projects. The key research findings have been converted to more than 10 IPR patent publications and 1 International patent. She has served as Convener and Program Chair for more than 50 International conferences and workshop program committees. She has authored an assortment of books and book chapters with leading publishers on emerging technologies - 'Programming in Python', Artificial Intelligence and Expert Systems', 'Academic and Industry Perspectives on Embedded Systems Engineering', 'Lossless Compression Techniques for medical images in Telemedicine' to name a few. She is the recipient of Global Outreach Education Award 2019 for Excellence in Lifetime Achievement, Young Principal-Coimbatore Zone award 2018 and several Institutional awards for establishment of Centre of Excellences and vibrant Academic-Industry Interfaces.

She can be contacted at: jjanet@skcet.ac.in



Dr.S.Balakrishnan, is a Professor and Head of Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India. He has 17 years of experience in teaching, research and administration. He has published over 15 books, 3 Book Chapters, 1 article in Electronics For You (EFY) Magazine, 3 articles in Open Source For You magazine, 13 Technical articles in CSI Communications Magazine and over 100 publications in highly cited Journals and Conferences. He has published more than 8 Patents and doing one funded project. His professional awards include: Best Faculty – Computer Science and Engineering, Teaching Excellence Award, I2OR - Bright Researcher Award, Best Outstanding Faculty Award, Best Teacher Award, Best Research Paper Award, Best Book Publication Award and Best Book Chapter Award, Special Contributor Award and Star Performer Award. His research interests are Artificial Intelligence, Cloud Computing and IoT. He has delivered several guest lectures, seminars and chaired a session for various Conferences. He is serving as a Reviewer and Editorial Board Member of many reputed Journals and acted as Session chair and Technical Program Committee member of National conferences and International Conferences at China, Malaysia, Taiwan, Singapore, Japan, Australia and Bangkok. He has filed Patent on IoT Applications. Dr. Balakrishnan is a life member of ISTE, IAENG, IEAE, IARDO, CSI, UACEE, SDIWC and CSTA.

He can be contacted at balkiparu@gmail.com

SCOPE AND TOPICS

The future of smart cities lies in the hands of Internet of Things (IoT) and this plays a major role in creating a friendly environment. IoT plays a major role in almost all scenarios extending both private and public services. In the IoT, smart things/objects are expected to become active participants in business, information and social processes. The IoT will be able to interact and communicate by exchanging data and information sensed about the environment and by reacting autonomously to the real/physical events with or without direct human intervention.

Topics of interest include, but are not limited to:

- IoT system design methodologies
- Data processing latency and real-time IoT applications.
- Big data processing in IoT systems
- Software platforms and middlewares in IoT systems
- Human in the loop in IoT systems
- IoT based experiences in smart cities, smart transportation systems, smart home, etc.
- Energy efficiency and green networking.

IMPRTANT DATES

Paper Submission: 15 August 2019

Paper Accept/Reject Notification 15 September 2019

Camera Ready Paper Submission 30 September 2019

Registration Opens 15 September 2019

Early Bird Registration closes 15 November 2019

SUBMISSION GUIDELINES

Please refer the following link for paper template, submission system and other process related to online paper submission.

<http://amlta.com/2020/author-guidelines/>

