



2nd International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2022

12-13th March 2022

In Collaboration with

Indian Institute of Information Technology (IIIT) Kota - India

Indian Institute of Technology, Patna, India

Indian Institute of Technology (BHU) - Varanasi, India

California State University, San Bernardino, USA

Emlyon Business School - France

Research Institute of Big Data Analytics – Xi'an Jiaotong-Liverpool University- China

Session - 2

Internet of Things, Networks and Security



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The ONLINE submission site is

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This conference will provide an excellent international forum for sharing knowledge and results in the theory and applications of Computer Networks, the Internet of Things, and Security. Original papers are invited on Networks, the Internet of Things, and security. The conference aims to provide a platform for researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the field.



Topics of interest include, but are not limited to, the following:

Computer Networks

- Next Generation Internet and Web Architectures
- Modeling & Simulation of communication networks and Systems
- Mobile Networks & Wireless LAN
- New Network Architectures
- Network-Based Emerging Applications
- Network Protocols and Wireless Networks
- Big data/Cloud computing and networks
- QoS and Resource Management in Networks
- Routing, Switching, and Addressing Techniques
- Self-Organizing Networks and Networked Systems
- 5G/6G cellular systems and heterogeneous networks
- Artificial intelligence (AI) and autonomous networking
- Vehicle-to-everything (V2X) and autonomous cars
- Wireless Multimedia Systems
- Recent Trends in Computer Networks

Internet of Things

- 5G Networks and IoT
- IoT and Personal Data Protection
- IoT Interoperability and Multi-Platform Integration
- Sensor and Actuator Networks
- IoT Protocols and Standards
- Wearables, Body Sensor Networks, Smart Portable Devices
- Web of Things and Web of Everything
- Routing and Control Protocols

- Edge Computing, Fog Computing, and IoT
- Industrial IoT and Factory of Things and Internet of Things
- Smart Home, Smart Cities, Smart Public Places
- Smart Vehicle Automation
- Smart Agriculture and Water Management
- Smart factories and Industry 4.0
- e-Health, Assisted Living and e-Wellness
- Smart Grid, Energy Management
- Crowd-sensing, human-centric sensing
- Big data and IoT Data Analytics
- Mobile Cloud Computing (MCC) and IoT
- Design principals and best practices for IoT application development

Security

- Emerging techniques and algorithms in Cryptography
- Digital Signature Techniques
- Big Data Techniques in Cyber Security
- Forensic Analysis of Cyber Crimes
- Secure Design, Tooling, and Engineering
- Database security
- Advance Security techniques
- Cloud security
- Security & Privacy for Emerging Technologies: VoIP, Social Networks
- Cyber-physical systems
- Gaming Application Security
- Cyber security and AI
- Malicious cryptography
- Security-as-a-service
- IIoT security and privacy

<https://icmlbda2022.iaasse.org/sessions.html>

Important Dates/ Deadlines

Call for Papers: **November 01, 2021**

Submission: **January 31, 2022**

Notification of **Acceptance**: **February 25, 2022**

Early Bird Registration: **March 01, 2022**

Oral Presentation of Selected Works: **March 12-13, 2022**

Submissions of Full Papers: **April 10, 2022**



Dr. Yegireddi Ramesh has been working as Professor & HOD in the Department of IT at Aditya Institute of Technology and Management (A), Tekkali, Srikakulam permanently affiliated with Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh, India. He completed his Bachelor of Science (B.Sc) from Andhra University. He completed a Master of Computer Applications (MCA) from Osmania University, Master of Technology (M.Tech - CSE) from JNTUH Hyderabad, and Ph.D. (CSE) from JNTUK Kakinada.

He filed one International Patent, was published WIPO PCT, and also filed 2 Indian Patents (including 1 - Design), among them, all are published in Indian Patent Journal, Govt. of India. He secured one Copyright which was granted by the Copyright Office, Government of India.

He also wrote one Textbook entitled A Methodical Observation of the Analysis of Cryptographic Algorithms. He published 18 Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. He is also a reviewer for the International Journal of Research and Development in Engineering Sciences (IJRDES-2582- 4201)). He has more than 20 years of experience in teaching and research and also has good knowledge of Information Security, Networks, Future Internet Architecture & Technologies, Blockchain and Internet of Things along with academic subjects, etc. He guided 30 UG and 10 PG academic projects. Currently, he is an active member of ISTE, CSI, and ACM.

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