

# 9th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2025



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## ABOUT-(I-SMAC)-2025

Internet of Things (IoT) is a novel Internet-based information architecture that may be used to improve the information flow in worldwide information networks. IoT simplifies how information is maintained if the devices have digital capabilities and can be detected and monitored automatically. The role of IoT in information management has become more significant, including integrated systems and networking, security, automation systems, architecture, and technologies based on IoT. As IoT has an influence on global information networks, numerous innovative prospects for applying IoT to information management may be anticipated in the near future. The International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) is the premier forum to share and discuss the cutting edge research works in all areas of Internet of Things [IoT]. ISMAC 2025 focuses on exploring the application of IoT in different situations by discussing different challenges and issues such as efficiency in communication and collaboration, security and privacy, quality of services and problem predictions, network dynamic adaptations, network protocols and architectures, frameworks and distributed applications for coordinating connected devices and so on.

## ABOUT PURWANCHAL CAMPUS

Purwanchal Campus formerly known as Eastern Region Campus (ERC) is one of constituent campus of Tribhuvan University (TU) and one of the associate engineering campuses of Institute of Engineering (IOE) which is a comprehensive, non-profit making, autonomous institution and pioneering institution of higher education level in Nepal funded by the government of Nepal. It is situated at Gangalal Marg, Tinkune, Dharan-8, Sunsari district in the eastern region of Nepal. It occupies areas of 34-13-11.75 Bigahas in convenient unit, which is equivalent to about 234,870.53 square meters. It is adjacent to Charkose Jhadi (densely forest) in the north and located at entrance gate by bus of Dharan Sub-metropolitan city. It was established in Paus, 2034 BS (1976) under the loan agreement with Asian Development Bank (ADB). In another agreement with government of United Kingdom (UK) held in Shrawn, 2035BS (1978), the technical assistance was provided by the government of United Kingdom (UK). ERC was formally organized under Institute of Engineering (IOE), Tribhuvan University (TU) and all the construction works were completed in 2043 BS (1984). The campus firstly started trade level courses in Mechanical, Electrical and Civil engineering streams as specified in the loan and the project agreements. The programs in Diploma in Mechanical, Electrical, Civil Engineering (3 years) was started since 2043 BS (1984) and also Refrigeration & Air-conditioning Engineering program in 2052 BS, Computer and electronics engineering program in 2059 BS. In the attempt to further up gradation, IOE/ Purwanchal Campus introduced Bachelor level course that was Bachelor of Engineering (BE) in Agricultural Engineering in 2057 BS (2000) which was first and pioneer in the country. Another BE program in Civil Engineering was commenced from 2061 BS (2004).

## KEYNOTE SPEAKERS

**Dr. R Venkatesha Prasad**  
Delft University of Technology,  
Netherlands.

**Dr. R. Kanthavel**  
University of Technology,  
Papua New Guinea.

**Dr. Joy Iong Zong Chen**  
Professor,  
Department of Electrical Engineering,  
Da-Yeh University,  
Changhua County, Taiwan.

## COMMITTEE

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Belgium.  
Dr. Valentina Emilia Balas, Aurel Vlaicu University of  
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Romania.  
Dr. Pradeep Kumar, University of KwaZulu-Natal,  
Durban, South Africa.  
Dr. Przemyslaw Falkowski-Gilski, Gdansk University of  
Technology, Poland.

## CALL FOR PAPERS

### Track - 1

- Services, protocols and architectures
- Middleware, frameworks and distributed IoT devices
- Dynamic adaptation of IoT networks
- Opportunistic networking techniques
- IoT big data networks
- Congestion, scalability, and reliability
- Web of Things
- IoT communication technologies
- Sensing, actuation and analytics
- Human Interaction with IoT
- Multi-platform integration and interoperability
- Real-world Deployments, and Testbeds
- AI and machine learning for the IoT
- Data streaming architectures and machine learning analytics

### Track - 2

- 5G Networks and IoT
- Software Defined Network (SDN) and IoT
- Ultra-low power IoT Technologies
- Internet of Nano Things
- Resource Management and Access Control
- Routing and Control Protocols
- Machine to Machine (M2M)-  
Device-to-Device communication
- Identity management and object recognition
- Mobile, edge computing, fog computing and IoT
- Heterogeneous Networks and Industrial IoT
- Collaborative Applications and Systems
- Big data and IoT Data Analytics
- Cyber-physical systems
- Crowd-sensing, human centric sensing
- Personal, wearable, and other embedded networked systems
- Social computing models

## PUBLICATION



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All registered and presented papers  
will be submitted for inclusion into  
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## AUTHOR GUIDELINES

All papers must be novel and not simultaneously submitted to another conference/journal. All the manuscripts should be submitted via conference Email-ismacconfdesk@gmail.com in DOCX (WORD)/PDF format as per the format. Maximum number of pages allowed will be 6-8. Authors should ensure that the similarity score of their research paper is not above 15%. Manuscripts having a similarity score more than 10% shall not be processed.



<https://i-smac.org/2025/>

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