About BIT Mesra, Jaipur Campus

Birla Institute of Technology, Jaipur Campus, was established in 1995, and is an integral part of Birla Institute of Technology, Mesra (Ranchi). The focus of the institute is to provide quality education in Engineering, Applied Sciences and Management with technology and professional exposure through innovative programmes & practices. With excellent performance, progressive mind set and good will earned, it is today one of the leading institutes in the field of Engineering, Applied Sciences and Management.

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About the Conference

Computing has rapidly evolved over the years, leading to the development of cutting-edge technologies and innovative applications. The advancements in computing have opened new avenues for research and development, and has also transformed the way we live and work.

The aim of this conference is to bring together researchers, practitioners, and industry experts to share their latest findings, innovations, and best practices in computing and multi-disciplinary computing applications. The conference will provide a platform to exchange ideas and in exploring new opportunities in the field of computing.

Original unpublished articles are invited for submission for the following tracks including the topics, but are not limited to:

Track 1: Innovations in Computing Technologies and Applications

A: Artificial Intelligence and Machine Learning

Machine Learning Algorithms for Predictive Analytics, Deep Learning and Computer Vision, Natural Language Processing for Intelligent Applications, Expert Systems, Speech Processing, Nature-Inspired Models and Approaches for Web Intelligence, AI-Driven Automation

B: IoT, Networking and Cyber Security

Networking Technologies for Data Centres, Adaptive and Cognitive Networks, Wireless Networks for IoT and Cloud, Mobile Ad-hoc Networks, IoT Security and Privacy Challenges

C: Cloud Computing, Big Data Analytics and Applications

Cloud Quality Management & Service Level Agreement, Edge Computing, Fog Computing, Cognitive Computing, Fog Computing in Edge Device Management, Data Analytics for E-Commerce

Track 2: Innovations in Electrical, Electronics and Computing Convergence

A: IoT and Embedded Systems Integration

IoT-enabled Smart Grids and Energy Management, Embedded Systems for Environmental Monitoring, IoT Integration in Industrial Automation, Edge Computing for Embedded Systems

B: Cybersecurity Challenges in Electrical Systems

Cyber Threats in Power Grids and Critical Infrastructure, Secure Communication Protocols for IoT Devices, Threat Detection and Mitigation in Smart Grids, Cybersecurity in Electric Vehicle Charging Infrastructure, Resilience and Recovery in Electrical Systems

C: Renewable Energy Integration and Power Electronics

Power Electronics for Wind and Solar Energy Integration, Energy Storage Systems and Grid Integration, Control Strategies for Grid-Connected Renewable Systems, Sustainable Energy Management with IoT, Microgrid Design and Optimization

Conference proceedings will be published by AIP Publishing and will be submitted for indexing in SCOPUS.

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