Important Dates:

Paper Submission Start	:	Apr 01, 2024
Last date for Paper Submission	:	Jul 15, 2024
Notification for Acceptance of Paper	:	Jul 30, 2024
Early Bird Registration Deadline	:	Aug 05, 2024
Last date for online registration	:	Aug 10, 2024
Conference Date	:	Aug 21st to 23rd, 2024

BHARATH
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as DEEMED-TO-BE-UNIVERSITY u/s 3 of the UGC Act, 1956)

ICICC 2024

International Conference on Intelligent Computing and Communication (ICICC 24)

Organized by

School of Computing
Department of Computer Science
and Engineering

in association with Department of Research, BIHER

AUGUST 21-23, 2024

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SPEAKERS

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Dr. Wilfred Blessing N.R, Professor, College of Computing and Information Sciences, University of Technology and Applied Sciences-Ibri, Sultanate of Oman.

Mr.Rajan Chellappan, Software Engineer, Information Technology, Flexera Software, Cheshire (Manchester), UK

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Authors are invited to submit their papers in the link

CMT https://cmt3.research.microsoft.com/ICICCconf2024

ICICC 2024 invites original and unpublished research articles / papers and case studies from researchers, academicians, students, industrialists, domain experts etc., Papers will be reviewed by Peer and Expert Teams. Research papers are invited on any one or more in the following mentioned tracks, but not limited to.

Online Transaction

Conference Topics

Track 1
Artificial Intelligence in Healthcare
- Data Mining and Knowledge Discovery in Healthcare
- Machine Learning and Deep Learning approaches for Health Data
- A.I models for Health, Biology and Medicine
- Regression and Forecasting for Medical and Biomedical Signals
- Medical Signal and Image Processing Techniques
- Diagnosis and Theory Support Systems
- Applications of A.I in Healthcare Systems
- Neural networks in Medicine
- A.I. for Healthcare Social Networks
- Healthcare Devices and Circuits for Artificial Intelligence

Track 2
Machine Learning and Artificial Intelligence for Internet of Things
- Machine Learning for Control, Planning and Slicing of 5G Networks
- Machine Learning for Signal Intelligence in IoT.
- Experimental Data Collection Campaigns to Create Artificial Intelligence datasets for 5G
- Artificial Intelligence for Wireless sensing operations using IoT waveforms
- Machine Learning for next-generation MIMO networking in 5G
- Experimental Evaluation of Artificial Intelligence Techniques for IoT
- Machine Learning for 5G networks
- Machine Learning for Open Radio Access Network Beyond 5G Control
- Artificial Intelligence for reconfigurable reflecting surfaces for IoT
- Artificial Intelligence for next-generation MIMO networking in 5G
- Machine Learning based Channel modelling for 5G

Track 3
High Speed Networking
- Concepts, Methodologies, and Solutions for Modelling, Managing, Mining and understanding Computer networks.
- Algorithmic accountability and explainable algorithms for network services and applications.
- Ethical issues of data collection, storage and exchange in network security and privacy.
- Machine learning empowered the internet of things
- Artificial Intelligence solutions to mobile and edge computing.
- Machine learning algorithms to support green networking
- Machine learning approaches to QoE monitoring of encrypted video traffic.
- Reinforcement learning enables autonomous computer network operation.
- Artificial Intelligent, human-centric and human-driven computer networks.

Track 4
Wireless networks with performance evaluation, 5G and Beyond
- Transmission reliability evaluation for wireless sensor networks.
- Simulation tools for wireless network performance evaluation.
- Improving wireless sensor network survivability using human-inspired deep learning.
- Reliability and dependability of mobile and wireless communication networks.
- Reliable machine-to-machine communication for future networks.
- Energy-efficient real-time wireless networks.
- Safety, security and privacy for network survivability.
- Wireless sensor networks for Industrial applications.
- Reliability of software-defined wireless sensor networks.
- Survivability techniques for IoT.

Registration Fee

The International Conference on "INTERNATIONAL CONFERENCE ON" Intelligent Computing and communication (ICICC 24) will be held through physical mode. This conference is the 1st version of the (ICICC 24) series that is going to start in the year 2024. The vision behind organizing this conference is to provide an excellent forum for researchers, scientists and industrialists from interdisciplinary areas to showcase their current contributions in the recent area of Computer Science. The objectives of ICICC 24 are to abreast the young minds from Institutes, Universities, Colleges and Industries across the country, with the latest advancements in the field of this area, and to provide them with an opportunity to share their recent research and views in various fields of Computer Science and their applications for the ultimate benefit of the Society and Industry. The broad aim of the conference is to groom young engineers, researchers and faculty member's minds to face the challenges of the future for effective and efficient professional responsibilities. The conference will cover a wide range of topics in the form of plenary speakers, keynote speakers, invited talks & contributory papers/poster presentations.

Bharath Institute of Higher Education and Research (BIHER) started with Sri Lakshmi Ammal Educational Trust as the first self-financing Engineering College in Tamil Nadu in 1984 by Dr. S. Jagathrakshakan. The trust then established Sree Balaji Dental College and Hospital in 1989. Sree Balaji Dental College and Hospital was first recognized as a Deemed to be University by MHRD in July 2002, under section 3 of the UGC Act 1956 and placed under the purview of the new trust of Bharath Institute of Higher Education and Research (BIHER). The Bharath Institute of Science and Technology (BIST) and other institutions (below) were then brought under the ambit of the Bharath Institute of Higher Education and Research (BIHER). Thus, Bharath Institute of Higher Education and Research (BIHER) is providing multi-stream, multi-cultural and high-quality education to nearly 10000 students from around the world. It is functioning in a sprawling area of 603 acres of land with 1.3 crore sq. ft buildings located in 6 Campuses both in Tamil Nadu and Puducherry with state-of-the-art infrastructure facilities. There are qualified Teaching Faculty members to teach various UG and PG programmes and guide them.

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