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The Convener, ICoAC 2023

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12th INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING

August 17 - 19, 2023



ICoAC 2023

Organized by

Department of Computer Technology
Anna University, MIT Campus

Technically co-sponsored by

IEEE Madras section
& **IEEE Computer Society, Madras Chapter**

in commemoration of

Platinum Jubilee Celebrations
of
Madras Institute of Technology

INSTITUTION PROFILE

Anna University

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and Allied Sciences that are relevant to the current needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

Madras Institute of Technology

Madras Institute of Technology(MIT) was started in 1949 by Shri. C.Rajam with a vision to provide a strong technical base in various engineering disciplines for the independent India to compete at par with the International community. Merged with Anna University in the year 1978, MIT has played an important role in the growth and development of many sectors in the country by introducing several new specializations in the field of engineering. The institute is a part of the Anna University, and is known for producing eminent scientists like Dr. APJ Abdul Kalam, and Dr. K Sivan. As a part of commemorating the 75th year since the establishment of the institute, the conference aims to bring leading academicians and researchers to submit their original contributions in Advance computing and information technology. complex and critical problems in engineering and technology.

The Department of Computer Technology

The Department of Computer Technology at the Madras Institute of Technology Campus of Anna University, Chennai was established in the year 2010. The department offers undergraduate, postgraduate, and doctoral programs in the field of Computer Science and Engineering. The department has state-of-the-art infrastructure and facilities that help students and research scholars to acquire knowledge and skills necessary to excel in the rapidly evolving technology. The faculty members are experienced and dedicated to provide quality education, while enabling students to undertake research and development work. The department has global collaborations with industries, research organizations, and academic institutions, providing students with opportunities to gain practical experience and exposure to diverse perspectives.

ABOUT THE CONFERENCE

ICoAC 2023 is the 12th International Conference in the field of Computer Science and Communication. The theme of this conference in "Next-Gen Computing". This conference seeks to bring together international researchers to present papers and generate discussions in recent trends and developments of computing. The conference will feature a range of presentations on latest research activities as well as stimulating talks and keynote addresses. It is organized by the Department of Computer Technology, annually in association with IEEE Madras Section. Topics of Interest include (but not limited to the following)

Social Computing : Green IT, Cluster Computing, E-Commerce and E-Governance, Natural Language Processing, Sentiment Analysis, Social Network Mining, Semantic Web

Network Science : Ad hoc & Sensor Networks, Body Area Networks, Vehicular Communication, Next Generation Networks, Public Safety Networks, Unmanned Aerial Vehicle

Cyber Security : Security & Privacy, Network Security, IoT Security, Cryptography, Block Chain

Smart Computing : Internet of Things, Ambient Intelligence, Smart Cities, Agent Based Systems, Access and Home Networks, Ubiquitous Computing, Evolutionary Computing

High Performance Computing : Pattern Recognition, Image Processing, Multicore Programming, Compiler Optimization, Cloud and Fog Computing, Virtualization and Visualization

Intelligent Computing : Machine Learning, Soft Computing, Data Mining and Data Analytics, Neural Networks

Best Paper Certification will be awarded for each track.

Paper Submission Details

Prospective authors are invited to submit original unpublished research manuscripts that demonstrate current research in Advanced Computing. The full paper submission should be done through Microsoft Conference Management Toolkit (CMT) submission portal. All submissions will be peer reviewed and evaluated based on originality, technical and research content, correctness, relevance to conference, readability, significance, presentation, and references. The submissions should be in English with at most 8 printed pages using IEEE conference templates for LaTeX and Microsoft Word.

Proceedings

Accepted and Presented research papers will be submitted for inclusion in IEEE Xplore Digital Library.

IMPORTANT DEADLINES

Paper Submission	31 st May, 2023
Notification of acceptance	30 th June, 2023
Camera ready copy submission	7 th July, 2023
Paper Registration	7 th July, 2023
Pre-Conference Tutorial	17 th Aug, 2023
Conference Dates	18 th - 19 th Aug, 2023

REGISTRATION FORM

Name :
Designation :
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Organisation :
E-mail ID :
Phone Number :
Paper ID / Title of the paper :
Category : Student/Research Scholar/Faculty/Industry
IEEE member no :

PAYMENT DETAILS

Mode of Transfer : DD/Wire Transfer
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All payments are to be preferably made by Online Bank Transfer or by Demand Draft/Bankers cheque drawn in favour of ICoAC payable at Chennai. Behind the demand draft kindly mention your Name, Mobile No., and Paper ID.

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REGISTRATION FEE DETAILS

Indian Author	Non IEEE members	IEEE members	Tutorial
Student / Research Scholar	5500 INR	4500 INR	500 INR
Faculty	6500 INR	5500 INR	1000 INR
Industry	7500 INR	6500 INR	1000 INR
Foreign Author	Non IEEE members	IEEE members	
Faculty	250 USD	200 USD	
Industry	250 USD	200 USD	