

Keynote Speakers

Dr. Hiroki Sayama

Professor, Systems Science and Industrial Engineering
Binghamton University, New York.

Dr. Madhavan Mukund

Director, Chennai Mathematical Institute.

Dr. R. S. Selvaraj

Associate Professor, Department of Mathematics, NIT, Warangal.

Dr. R. Chandramouli

Founder and CEO, Spectronn

Former Professor, Stevens Institute of Technology, USA.

Dr. PL. Chitra

Professor, Department of Computer Science, University of Madras.

Dr. T. Velmurugan

Associate Professor, PG & Research Dept. of Computer Applications
D.G. Vaishnav College, Chennai.

Dr. Chitra Dhawale

Professor & Dean Academics

Datta Meghe Institute of Innovation & Research, Maharashtra.

Mr. T. Vinoth Senthil

Managing Director & CTO, Infysec, Chennai.

Advisory Committee

Dr. Bilal Abdulla Nasir

Professor, Northern Technical University, Hawijah Technical Institute
Kirkuk, Iraq.

Dr. L. Jones Tarcus Doss

Professor & Head, Department of Mathematics, Anna University, Chennai.

Dr. Paul Manuel

Professor, Department of Information Science
Kuwait University, Al-Shadadiy, Kuwait.

Dr. Prema Kirubakaran

Professor, Nile University, Nigeria.

Prof. Sachin Kulkarni

Professor & Head, DY Patil University, Pune.

Dr. K. Perumal

Professor, Department of Computer Applications
School of Information Technology, Madurai Kamaraj University, Madurai.

Mr. Iniya Nehru

Deputy Director General
National Informatics Centre, Chennai.

Dr. S. Thirumurugan

Assistant Professor & Head, Department of IT, CAS Sohar
Sultanate of Oman.

Mr. Madhusudhana Sadagopan

Principal Software Engineer
Resource Innovations, Chandler, Arizona, United States.

Mr. Arun Kumar

Senior Business Research Scientist @ Amazon, Chennai.

Ms. Geetanjali R

Studio Incharge - E-Learning Centre, Assistant Professor, MCA Department
Ramaiah Institute of Technology, Bangalore.

Mr. Ajit Singh

ISO 8000 Master Data Quality Manager, ECCMA, UK
IEEE Board Ambassador Experts, UNESCO Inclusive Policy Lab Expert.

Prof. Sudarshan Sirsat

Assistant Professor, Department of Data Science & Technology,
K J Somaiya Institute of Management, Somaiya Vidyavihar University,
Mumbai.

Chief Patron

Mr. V. M. Muralidharan

Chairman, Ethiraj College for Women.

Patron

Dr. S. Uma Gowrie

Principal & Secretary, Ethiraj College for Women.

Convenors

Dr. R. Prabha

Asst. Prof. & Head, Department of Mathematics (Aided).

Ms. A. Josephine Anitha

Asso. Prof. & Head, MCA Department.

Co-Convenor

Dr. K. Ezhilarasi Hilda Stanley

Asso. Prof. & Head, Department of Mathematics (SS).

Organizing Secretaries

Ms. C. Ambika

Assistant Professor, Department of Mathematics (Aided).

Ms. K. R. Bindhu

Assistant Professor, Department of Mathematics (SS).

Ms. R. Devi Kala

Assistant Professor, MCA Department.

Dr. U. Shantha Visalakshi

Associate Professor, MCA Department.

Coordinators

Dr. Chitra Suseendran, Assistant Professor.

Dr. P. R. Thiripura Sundari, Assistant Professor.

Ms. G. Shailaja, Assistant Professor.

Committee Members

Dr. C. Sivapoornapriya, Assistant Professor.

Dr. J. Sangeetha, Assistant Professor.

Ms. S. Latha, Assistant Professor.

Ms. M. Raja Rajeswari, Assistant Professor.

Ms. Rebekal Haribabu, Assistant Professor.

Dr. J. Regala Jebalily, Assistant Professor.

Ms. K. Indumathi, Assistant Professor.

Ms. N. Subashini, Assistant Professor.

Dr. A. Robina Tony, Assistant Professor.

Ms. S. Krithika, Assistant Professor.

Ms. G. Mahalakshmi, Assistant Professor.

Mrs. D. Sophia Navis Mary, Assistant Professor.

Ms. R. Radha, Assistant Professor.



ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

*Affiliated to University of Madras
College with Potential for Excellence
Re-accredited with "A+" Grade by NAAC*



International Conference

on
Mathematical Models
in

Computational Intelligence
ICMMCI 2023

Organized by
Department of Mathematics
&
MCA Department
jointly with ICT Academy

Date: 14th & 15th December 2023

**Venue: Main Auditorium,
Ethiraj College for Women,
Chennai.**

Topics of Interest

Research papers may be related to the following topics and is not limited to:

- Mathematical Logic and Foundations
- Numerical Analysis
- Neural Networks
- Fuzzy Set Theory
- Coding Theory
- Higher Algebra
- Number Theory
- Graph Theory and Combinators
- Computation in Complex Networks
- Calculus, Differential Equations and Integration
- Application of Soft Computing
- Knowledge Engineering and Machine Learning
- Artificial Intelligence and Machine Learning
- Big Data and Data Analytics
- High Performance Computing
- Network and Device Security
- Internet of Things (IoT)

Dates to Remember

Extended Abstract submission	: 31.10.2023
Paper submission	: 10.11.2023
Acceptance Notification	: 12.11.2023
Payment & Registration	: 15.11.2023
Conference Date	: 14-15 December 2023

Registration Fee

Faculty / Delegates from Industry	: 1500 INR
Research Scholar	: 1000 INR
Students	: 750 INR
Others (Overseas Participants)	: \$40

Payment details for Registration NEFT / Money Transfer

Account No	: 153801000032526
Account Name	: ETHIRAJ MATHEMATICS CONFERENCE
Account Type	: SB Account
Bank Name	: Indian Overseas Bank
Branch	: Women Entrepreneur Branch
IFSC Code	: IOBA0001538

Registration URL

<https://forms.gle/vNBE3hcjfXKzmVsw8>

Conference Website

<https://icmmci2023.bluebasetech.in/>

About the College

Ethiraj College for Women was founded by the illustrious Barrister-at-law, Shri. V. L. Ethiraj in 1948. The College is a living testimony to the munificence of our revered founder Shri. V. L. Ethiraj. This esteemed institution stands today as a magnificent citadel of learning with 75 years of splendid achievements and commitment to the mission of enabling students to blossom into knowledgeable, skilled, moral, and ethical citizens with courage and character. Our College is one of the select Colleges recognized nationwide as a College with Potential for Excellence. The College offers about 78 programs across different levels of study- UG, PG & Research with a strength of nearly 8000 students in Aided & Self-supporting streams. The students of Ethiraj College are currently occupying enviable positions all over the world. Every endeavor of the college is inspired by its motto:

To Strive, To seek, To find and Not To Yield.

Department of Mathematics

The Department of Mathematics was established in the year 1948, offering Mathematics as an ancillary subject to the students of other disciplines. In 1980 it became a major Department and in 1989, the Self-Supporting (SS) stream was started. In 1994 Post Graduate status was acquired and M.Phil. Course was introduced in 2005. B.Sc. Mathematics with Data Science is introduced in Self-Supporting stream from this academic year 2023-24 to bridge the gap between Mathematics and technology in today's emerging data-driven world. The Department has well equipped computer lab to meet the latest technology needs and well-qualified, experienced eighteen faculty members, out of which eight are doctorates extending their support in the constant pursuit of excellence.

MCA Department

MCA Department was started in 1999 and it strives to offer quality education in the field of Information Technology. The MCA course is affiliated to University of Madras and approved by All India Council for Technical Education (AICTE) and the course got its Autonomy status in the year 2006. The department foster technical skills to meet the current and emerging trends in the industry, to enable students to acquire good academic skills and knowledge towards research and development, to inculcate leadership qualities and ethical responsibilities towards the betterment of the society.

About the Conference

Today's technologically advanced world is digitizing itself from its inter-disciplinary arena for scientists, engineers, and other professionals to present the most recent findings of their research as well as their ideas, advances, and applications in versatile areas of technology and innovation. Mathematics provides the vital foundation required for the digital development and forms the basis of all complex decision making leading the world to its fourth industrial revolution. This Conference aims to highlight the applications of Mathematics and Computer Science in the frontier areas of Artificial Intelligence, Data Science and Machine Learning and to provide opportunities for modernists to delve into bridging the gap between the research and latest technology. It will serve as a platform for research scholars, academicians and students to share their research and engage in insightful discussions with others on the latest development.

Call for Papers

- Interested participants are invited to submit their original research papers for oral presentation.
- The abstract not exceeding 200 words can be sent to the e-mail-icmmci2023@gmail.com on or before 30.09.2023.

Note: Only registered delegates can present papers.

Guidelines for the Submission of papers

- Papers must be submitted in MS Word with 1.5 line spacing in Times New Roman with font size 12. Full paper not exceeding 10 pages.
- Title, Author(s), Name, Institution Name & E-mail id for communication should be clearly mentioned in the paper.

Publication Details

- Extended Abstract of the papers presented in the conference (offline only) will be published in the Proceedings with ISBN number.

Abstract Template

- Accepted papers after due refereeing process will be published in UGC CARE listed Journals of ICT Academy.
ICTACT Journal on Communication Technology
ICTACT Journals on Image and Video Processing.
ICTACT Journal on Soft Computing.

Journal Template

<https://ictactjournals.in/upload/Journal-Template.pdf>

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