



ESTABLISHED 1914

**Queen Mary's College (Autonomous)
Chennai – 04**

**Faculty and Students of
PG & Research Department of
Mathematics**

Cordially invite you for the

International Conference

on

EMERGING TRENDS IN MATHEMATICS

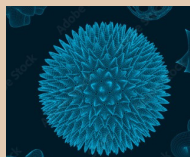
ICOETIM-2025

Sponsored by

Tamil Nadu State Council for Science and Technology

Dates: 25.3.2025 & 26.3.2025

Venue: Velu Nachiyar Hall



ABOUT THE COLLEGE

Queen Mary's College is best described as a pioneer in the task of empowering women through education. It was started in 1914 by the British Government as Madras College for Women. With a modest intake of 33 women students at the time of its existence, grown phenomenally from an intermediate to a tertiary level institution and on to a full-fledged premier institution. Today it caters to over 5099 women students.

ABOUT THE DEPARTMENT

The Department of Mathematics was established in 1948 to provide a strong foundation in Mathematics and its applications for women students. The Department of Mathematics has 18 faculty members with 11 Doctorates working on diverse areas such as Graph Theory, Functional Analysis, Formal Languages & Automata and Operations Research. With 6 Research Supervisors in the department, 14 Research Scholars have completed their Ph.D. Programme while 19 scholars are pursuing their course. Our Department faculty members and research scholars have published 131 papers in reputed journals with good citation index and h-index. Ramanujan Research Club is also an integral part of the Department.

ABOUT THE CONFERENCE

The International Conference on Emerging Trends in Mathematics aims to bring together researchers and academicians in the area of pure and applied Mathematics to share their expertise. It also provides a platform to exchange their ideas and present the research findings leading to rich discussions and an opportunity to the students to get exposure to the recent trends in Mathematics.

ICOETIM-2025

Patron

Dr. B. Uma Maheswari

Principal, Queen Mary's College, Chennai

Convenor

Dr. N. Jansi Rani,

Associate Professor & Head

Department of Mathematics

Organizing Secretary

Dr. R. Hemavathy, Associate Professor

Organizing Committee Members

Dr. B. Usna Banu, Associate Professor

Dr. P. Vasanthi Beulah, Associate Professor

Mrs. T. Premalatha, Assistant Professor

Mrs. M. Chitra, Assistant Professor

Mrs. K. Gomathi, Assistant Professor

Dr. K. Sumathy, Associate Professor

Dr. S. Najeema, Assistant Professor

Mrs. K. Geetha, Assistant Professor

Dr. M. Geethalakshmi, Associate Professor

Dr. J. Emerald Princess Sheela, Assistant Professor

Dr. C. Sugapriya, Assistant Professor

Dr. R. Sumitra, Assistant Professor

Dr. R. Chitra Lekha, Guest Lecturer

Mrs. M. Lavanya, Guest Lecturer

Mrs. B. Kaviyarasi, Guest Lecturer

Mrs. S. Maheswari, Guest Lecturer

KEY NOTE SPEAKERS

Speaker 1:

Prof. Marian Gheorghe
Emeritus Professor
Department of Computer Science
University of Bradford, UK.

Speaker 2:

Dr. K. G. Subramanian
Madras Christian College (Retired)
Chennai
Honorary Visiting Professor
Liverpool Hope University, UK.

INVITED TALK

Talk 1:

Dr. M. Joice Punitha
Associate Professor
Department of Mathematics
Bharathi Women's College
Chennai, TamilNadu, India.

Talk 2:

Dr. J. Jeba Jesintha
Associate Professor & Head,
PG Department of Mathematics,
Women's Christian College,
Chennai, TamilNadu, India.

PROGRAMME SCHEDULE

Day-1 - 25.03.2025

INVOCATION 9:30 a.m.

WELCOME ADDRESS
Dr. N. Jansi Rani
Associate Professor & Head
Department of Mathematics
Queen Mary's College, Chennai.

LIGHTING OF KUTHUVILAKKU

PRESIDENTIAL ADDRESS
Dr. B. Uma Maheswari
Principal
Queen Mary's College, Chennai

KEYNOTE ADDRESS 1 9 : 45 a.m.

Speaker 1:
Prof. Marian Gheorghe
Emeritus Professor
Department of Computer Science
University of Bradford, UK.

TEA BREAK 10 : 45 a.m.

KEYNOTE ADDRESS 2 11 : 00 a.m.

Speaker 2:
Dr. K. G. Subramanian
Madras Christian College (Retired), Chennai
Honorary Visiting Professor,
Liverpool Hope University, UK.

PAPER PRESENTATION SESSION 11 : 35 a.m.

LUNCH BREAK 12 : 15 p.m.

DISCUSSION FORUM 1 : 00 p.m.

Day- 2 - 26.03.2025

DISCUSSION FORUM 9 : 30 a.m.

INVITED TALK 1
Title: Dom Coloring in Graphs 10 : 00 a.m.
Dr.M.Joice Punitha
Associate Professor
Department of Mathematics
Bharathi Women's College
Chennai.

TEA BREAK 11 : 00 a.m.

INVITED TALK 2 11 : 15 a.m.

Title: Variations in Graceful Labeling
Dr. J. Jeba Jesintha
Associate Professor & Head,
PG Department of Mathematics
Women's Christian College
Chennai.

LUNCH BREAK 12 : 00 p.m.

VALEDICTORY FUNCTION 12 : 30 p.m.

VOTE OF THANKS

NATIONAL ANTHEM