## QUEEN MARY'S COLLEGE (AUTONOMOUS), CHENNAI-600004 DEPARTMENT OF MATHEMATICS TWO-DAY INTERNATIONAL SEMINAR on MATHEMATICS AND ITS APPLICATIONS

## **REPORT**

The **Two-day International Seminar** on **Mathematics and its Applications** was organised by PG & Research Department of Mathematics, Queen Mary's College (Autonomous), Chennai – 04 on 28<sup>th</sup> and 29<sup>th</sup> February 2024. The Seminar has been planned in commemoration of the 75<sup>th</sup> Anniversary of the Department which was started in the year 1948.

on 28<sup>th</sup> February 2024, during the Inauguration, Dr. N. Jansi Rani, Associate Professor & Head, Department of Mathematics welcomed everyone gathered, including our Dynamic Principal Dr. B. Umamaheswari, the Chief Guest of the day, Prof. Dr. V. Thangaraj, Former Director and Head, Ramanujan Institute for Advanced Studies in Mathematics, University of Madras, Chennai and all the Former Professors of the Department who were the special invitees. Our Principal gave the Presidential Address which was a motivating and inspiring Speech for both Staff and Students as always. Prof. V. Thangaraj delivered the Inaugural speech on the topic EVOLUTION OF INTEGRATION: NEWTON TO ITO. through his unique way of sharing knowledge.

The following Former Professors participated and graced the occasion.

S.No.	Name
1	Mrs. Kausalya Srinivasan
2	Mrs. P. Chandra
3	Mrs. Mumtaz Fathima
4	Mrs. P.V. Leelavathy
5	Dr. R.M. Lakshmi Mukundan
6	Mrs. R. Mallika Devi
7	Mrs. N. Rajaguruvammal
8	Mrs. Gomathy Ekanth
9	Dr. C. Vijayakumari
10	Mrs. M. Rukmani
11	Mrs. V. Jeeva
12	Mrs. T. M. Vinodini
13	Dr. N. Kannagi
14	Mrs. V. Suseela
15	Dr. M. Vijaya
16	Dr. P. Punithavathi

A cultural Programme was arranged to showcase the talents of our students through dance, song and Karagaattam. On top of all these, all the former Professors were honoured by our Department Faculty members and they all happily shared their memories and experiences in QMC.

In the afternoon, there were two online invited talk sessions. First talk was delivered by Dr. A. Naseer Ahmed, Lecturer in Mathematics, Head of Mathematics Section, University of Technology and Applied Sciences, Nizwa, Sultanate of Oman on the topic Semi-coloring of General Vague Graph: A novel approach for solving Examination Timetabling Problem.

The second talk was by **Dr. Pushpa B V,** Assistant Professor, University of Technology and Applied Sciences, Nizwa, Sultanate of Oman, on the topic **Introduction to Data Science and Statistics.** Both the sessions were very informative and well received by our students.

**On 29<sup>th</sup> February 2024**, in the paper presentation session, students from various city colleges presented papers. Prof. Dr. **V. Rajkumar Dare**, Former Head, Department of Mathematics, Madras Christian College, Tambaram, Chaired the session. Totally nine papers were presented on various topics, to name a few, Graph theory, Cryptography etc.

In the valedictory session, Prof. **Dr. K.G. Subramanian,** Former Professor, Department of Mathematics, Madras Christian College, Tambaram and currently Honorary Visiting Professor, Liverpool Hope University, U.K. delivered a talk on **Patterns in sequences in Mathematics** which was quite interesting and kindled the passion for Mathematics among the students.

It was a great pleasure and remarkable experience to each and every Staff and student of the Department of Mathematics to be a part of its 75<sup>th</sup> year celebration.

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