

Department of Mathematics

ICOPAM 2022

ICOPAM 2022 came into our thoughts in the mid of Jan2022 in the department meeting and it was decided to organize it in the month of March 2022 as an International Conference for Two days in virtual mode in association with Kerala Mathematical Association. We planned to have 2 Foreign and 2 Indian Resource Persons. Dr. R. Angeline Sarguna Gita, Assistant Professor was nominated as the organizing secretary. Dr. D. Gnanaraj Thomas, Chennai, Dr. A Nagoor Gani, Trichy, Dr. Meenakshi Paramasivan from Germany, Dr. Atulya Nagara, UK gave their consent for this Conference. Due to the busy schedule of Dr. Atulya, Dr. Sonajharia Minz accepted our invitation.

A “Two-day International Conference was held during 24.03.2022 and 25.03.2022. This Conference was the 4th program conducted by our department in association with Kerala Mathematical Association that added one more feather to the department. The Inaugural session, started with a prayer for seeking heavenly blessings and for successful conduct of this Conference. The Head of the Department, and Convener of ICOPAM 2022 Dr. Thangaraj Beaula welcomed the gathering. Dr. Gene George, the Principal, presided over the function and she spoke on the objectives of the Conference and also about the new trends of pure and applied mathematics. The Conference Souvenir was released by our beloved Principal and Convener of ICOPAM 2022. Then Dr. D. Rajan Associate Professor of Mathematics introduced the Key note Speaker, Dr. Sunny Kuriakose, Secretary, Kerala Mathematical Society to the Audience. In the keynote address, the Chief Guest stressed the importance of Mathematical tools and Fuzzy Mathematical tools.

In the first Technical session, Dr. D. Lilly Esther Rani, Associate Professor of Mathematics introduced the Resource Person to the Audience. Dr. D. Gnanaraj Thomas, Professor and Head of the Department of Mathematics, Saveetha School of Engineering, Chennai, was the Resource Person and he gave a speech on Membrane Computing.

This Session was followed by a technical session which was chaired by Dr. D. Stephen Dinagar, Associate Professor of Mathematics. 15 members presented their research papers.

In the afternoon session, Dr. Meenakshi Paramasivan, Professor of Mathematics, University of Trier, Germany was the resource person. She spoke on basics of Automata Theory and she explained how this was applied in real life situations. Earlier, she was introduced by Dr. Thangaraj Beaula, Associate Professor and Head of Mathematics. This Session was followed by a technical session which was chaired by Dr. J. Joseline Manora, Associate Professor of Mathematics. 14 presenters presented their papers. Day I ended with a Vote of Thanks by Dr. T. Jeyaraj, Assistant Professor of Mathematics.

The second day of the programme was started with a word of prayer by Dr. Merlin Priyanga, Assistant Professor of Mathematics. Dr. D. Stephen Dinagar, Associate Professor of Mathematics introduced Dr. A. Nagoor Gani, Associate Professor of Mathematics, Jamal Mohamed College, Trichy, who inspired the participants with his expertise in “Types of Fuzzy Graphs in uncertain Environment. This Session was followed by a technical session

which was chaired by Dr.Thangaraj Beaula, Associate Professor and Head of Mathematics. Nearly 18 participants presented their research articles.

In Technical session IV, Dr. J. Joseline Manora, Associate Professor of Mathematics, introduced Dr.Sonajharia Minz, Vice Chancellor Sido Khanu Murmu University, Jharkand and she delivered a lecture on Mathematics for Data Science. She gave a detailed account on Linear Algebra, Soft Computing and Discrete Mathematics in Data Science. The Participants were enlightened with her wonderful and thought provoking speech.

This Session was followed by a Paper presentation session which was chaired by Dr. D. Rajan, Associate Professor of Mathematics. Nearly 18 participants presented their research articles. 66 papers were presented in this Conference. Nearly 87 participants registered for this conference of which 78 abstracts were received from various parts of our Country.

The selected papers will be published in the following Journals

1. Communications in Mathematics and Applications, a Web of Science Journal.
2. Advances and Applications in Mathematical Sciences, a UGC Care listed and Web of Science Journal.
3. Applied Mathematics Letters, an Elsevier Publisher.

e-certificates were provided to both the participants and the Paper Presenters. The Conference ended with a Valedictory session addressed by the Principal.

Convener
Dr. Thangaraj Beaula

Organizing Secretary
Dr. R. Angeline Sarguna Gita