



Department of Mathematics (UG)
(2023-2024)

A two-day **International Seminar on ‘Applications of Mathematics’- ISAM 2024** was organised by the UG Department of Mathematics, Women’s Christian College, Chennai on 22nd and 23rd February 2024. The Seminar aimed to provide the participants with a comprehensive understanding of the applications of mathematics in diverse fields, including research.



WOMEN'S CHRISTIAN COLLEGE, CHENNAI
(An Autonomous Institution affiliated to the University of Madras)
Re-Accredited by NAAC in July 2019 with Grade A+
College with Potential for Excellence



DEPARTMENT OF MATHEMATICS

Cordially invite you to the

International Seminar

on

APPLICATIONS OF MATHEMATICS

22nd & 23rd February , 2024

RESOURCE PERSONS

Dr. K.K. Viswanathan, M.Sc., Ph.D.
Professor
Department of Mathematical Modelling
Faculty of Mathematics
Samarkand State University
Samarkand, Uzbekistan

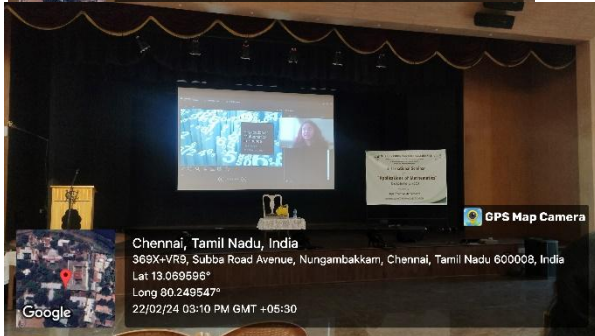
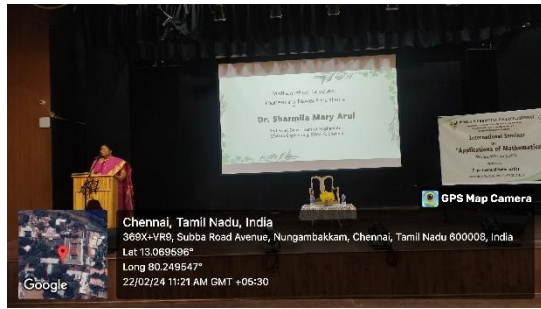
Dr. A. Hepzibah Christinal, M.Sc., M.Phil., Ph.D.
Professor
Department of Mathematics
Karunya Institute of Technology and Sciences
Coimbatore

Dr. G.K. Jagatheswari, M.Sc., B.Ed., M.Phil., Ph.D.
Professor of Mathematics
Department of Science and Humanities
People's Education Society University
EC Campus, Bengaluru

Mr. G. Prasanna, M.E.
Science Enthusiast & Technical Consultant
Ex-ISRO Scientist
Trivandrum

Dr. Sharmila Mary Arul, M.Sc., B.Ed., M.Phil., Ph.D.
Professor
Department of Mathematics
SIMATS Engineering
SIMATS, Chennai

Ms. Aditi Ramesh, B.Sc.(Maths), M.Sc.(Finance)
Financial Reporting and Analysis Team Lead
United Fidelity Insurance Company
United Arab Emirates





2. A talk on **“Encrypting Numbers through Graphs”** was organised by the Department of Mathematics, Women’s Christian College, Chennai on **11th September 2023**. The Seminar aimed to motivate and guide students in exploring knowledge about Mathematics in all branches of study, in particular, focusing on the topic of Encrypting numbers through Graphs.

Resource person-Dr. L. Shobana, Associate Professor, Department of Mathematics, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur.



As part of the curriculum, a one day trip was organised by the UG Department of Mathematics, Women's Christian College, Chennai to **IMSC, Taramani**, Chennai and Semmozhi poonga on **9th August 2023** for the second year students.

Visit to IMSC: The aim of this trip was to get a broad view of academics available for students after UG Mathematics. Dr. Anup faculty of IMSC, gave a lecture on binomial coefficients, Pascal's triangle in Meru Prastaar book and Sierpiński triangle. Prof. Prashad and Prof. Prasad clarified the doubts on researches and also they explained all the streams of mathematics available for students to explore after their UG.

The students visited the Nehru Centenary Library Complex located inside the campus which is also available for outside students for research. Ms. P. Lizzie Angelina and Ms. Shibi Arunkumar accompanied the students.



Visit to Semmozhi poonga:

In the afternoon, the students visited Semmozhi poonga, a botanical garden.



Inaugural Programme – Mathematics Association

The Inaugural programme of The Mathematics Association for the academic year 2023-2024 was held on 17th July 2023.

Student Presentations:

Comprehensive Analysis of Cyclone – induced rainfall pattern along the eastern coast of India through Applied Mathematics (by H.A. FATHIMA THAHSEEN – II MSc Mathematics)

Application of conditional probability in medical field (by ANCEY ANGELINE V- III
BSc Mathematics)

Number of participants – 227 (219 Students and 8 Staff)

Date- 17th July 2023



Intercollegiate Mathematics fest

Xtreme-23 - The Regal Empire of Math Explored was held on 07.10.2023. This event is an intercollegiate Mathematics fest in which about 15 colleges participated in different events. Dr. C. Annal Deva Priya Darshini, Assistant Professor, Department of Mathematics, Madras Christian College, Chennai was the chief guest for the event. Students participated enthusiastically in all the events. The rolling shield went to **SDNB Vaishnav College for Women, Chennai**.

