

## **SEMINAR ON HIGHER STUDIES OPPORTUNITIES AND MULTIDISCIPLINARY RESEARCH CHALLENGES**

The Department of Mathematics began functioning in 1925 and is currently commemorating its centennial. In view of this celebration, a seminar titled '*Higher Studies Opportunities and Multidisciplinary Research Challenges*' was organized on August 28, 2024 with the objectives of

- Advancements in Mathematics education
- Prospects for a career in Mathematics
- Cross-disciplinary research.

Dr. Sushmita Gupta, Associate professor, Theoretical computer science, Institute of Mathematical Science, Chennai, served as the resource person.

The head of the department, Dr. D. Antony Xavier, gave the welcoming speech after the seminar began with a prayer hymn. He emphasized the value of research as well as the growing prospects for mathematical research. The master of ceremony was Ms. Gnancy Viccona V, the second-year PG student. Dr. D. Florence Isido, presented the resource person with a memento. Dr. M. Arockiaraj gave a briefing on the dynamics of the seminar. Dr. M. Chris Monica then provided the introduction of the resource person.

The resource person gave a lecture on game theory, its purposes, how to design mechanisms for a social choice function and the importance of coding. She gave many illustrations to aid the students to appreciate the subject.

During her address, Dr. Sushmita Gupta shared about her own educational experience. She also talked about her experience of studying at Chennai Mathematical Institute (CMI) to complete her bachelor degree in mathematics and what inspired her to pursue a career in theoretical computing. As she recounted her post-doctoral research experience, Dr. Sushmita Gupta offered some insightful advice to students hoping to pursue research in mathematics. Dr. Sushmita Gupta discussed the value of mathematics in computer subjects and said that students of Mathematics will have an easier time comprehending computational ideas.

Ms. Angelin Hepzibah, the second-year PG student, gave a vote of gratitude to conclude the seminar after a Question-and-answer session. The third-year students of undergraduate course and second year students of post-graduation were the participants of this seminar.

Conveners of the Seminar:

- Dr. M. Arockiaraj
- Dr. Chris Monica M.

Glimpse of the Seminar

