POSTGRADUATE COLLOQUIUM – 13

APPLICATION OF
MATHEMATICS IN DANCE
PRESENTED BY
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II Msc mathematics

THANK YOU
RESEARCH & POSTGRADUATE
DEPARTMENT OF

REPORT ON POSTGRADUATE COLLOQUIUM 13

The Department of Mathematics, St. Aloysius College, Edathua, successfully organized the Postgraduate Colloquium 13 on March 28, 2025, at 10:00 AM in the Board Room. The event served as a platform for postgraduate students and faculty members to engage in intellectual discussions and explore interdisciplinary applications of mathematics.

The colloquium commenced with an excellent opening remark by the esteemed Principal, Prof. Dr. Indulal G. In his address, he emphasized the significance of mathematical applications beyond conventional fields and encouraged students to explore innovative connections between mathematics and other disciplines.

The keynote speaker for the session was Ms. Gopika Dev G P, who delivered an insightful presentation on the topic “Application of Mathematics in Dance.” She elaborated on the mathematical principles that underlie various aspects of dance, including symmetry, geometry, rhythm, and patterns. The session was highly engaging as she demonstrated how mathematical concepts such as the Fibonacci sequence, fractals, and transformations play a crucial role in choreography and movement synchronization.

The presentation was followed by an interactive discussion where students and faculty members posed thought-provoking questions, further enriching the session. The event successfully highlighted the interdisciplinary nature of mathematics and its relevance in artistic expressions like dance.

The Postgraduate Colloquium 13 concluded on a high note, with attendees expressing appreciation for the unique and enlightening topic. The Department of Mathematics extended its gratitude to the speaker, participants, and organizers for their contributions in making the event a resounding success.