



Coimbatore Institute of Technology, Coimbatore – 641 014

(A Government Aided Autonomous Institution, Affiliated to Anna University - Chennai)

DEPARTMENT OF MATHEMATICS

MATHEMATICS ASSOCIATION

Organized a Workshop on

Indian Knowledge System: Vedic Mathematics for Competitive Examinations

The Mathematics Association of Coimbatore Institute of Technology organized a workshop on "Indian Knowledge System: Vedic Mathematics for Competitive Examinations" for first-year students of Electronics and Communication Engineering department on the vibrant day of March 10th, 2025. The event was graced by Professor Dr. K. Indrani, retired Head of the Department of Mathematics, Nirmala College for Women, Coimbatore, and currently the State President, Tamil Nadu Unit of Shiksha Sanskriti Utan Nyas, as the chief guest.

The workshop commenced with the traditional Tamil invocation, "Tamil Thaaai Valthu." Dr. R. Lavanya, the esteemed Head of the Department (I/C) of Mathematics, Coimbatore Institute of Technology, welcomed the chief guest and invited her to address the gathering. Following a brief introduction to the chief guest, Dr. R. Lavanya presented a memento to the chief guest. Professor Dr. K. Indrani then delivered a comprehensive lecture on Vedic Mathematics, highlighting its significance and applications in competitive examinations.

The lecture covered various topics, including:

- Expressing unit place of larger numbers in negative
- Easy methods for finding products and division of large numbers
- Simplified higher-order differentiation of products of two terms and Integration using Vedic mathematics

The interactive session encouraged active participation from the students, who took notes and responded enthusiastically to the chief guest's questions.

The workshop concluded with Dr. R. Prabakaran, Assistant Professor, Department of Mathematics and one of the coordinators of the Mathematics Association, presenting a book to the chief guest as a token of appreciation. The event ended with the national anthem.

The workshop was a resounding success, providing students with valuable insights into the applications of Vedic Mathematics in Competitive Examinations. The Mathematics Association expresses its gratitude to Professor Dr. K. Indrani for sharing her expertise and inspiring the students.