



ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

DEPARTMENT OF MATHEMATICS

REPORT ON ONLINE CONFERENCE ON ‘RMST 2024’

Date: March 11-12, 2024

Time: 10:00 AM -4:30PM

Brochure:

The image contains the logo of Vasavi College of Engineering (Autonomous) at the top left. The logo features a circular emblem with a green border, a red center, and a blue border. The text "Vasavi College of Engineering (Autonomous)" is written in a stylized font within the emblem. Below the logo, the text "9-5-81, Ibrahimbagh, Hyderabad-500031, Telangana, India" is printed. The main title "Vasavi College of Engineering (Autonomous)" is in a large, bold, blue font. Below it, in a smaller blue font, is "(Accredited by NAAC with 'A+' Grade)". A purple banner below the main title reads "Affiliated to Osmania University and Approved by AICTE". The conference details are centered below the banner: "National Conference on Recent trends in Mathematics in the fields of Science and Technology (RMST-2024)", "11th - 12th March 2024 (Virtual Mode)", "ORGANISED BY Departments of Mathematics", and "CALL FOR PAPERS". The "CALL FOR PAPERS" section includes a list of research topics and a submission deadline of "15th February 2024". The "Abstract Submission" section includes a list of submission requirements and a deadline of "25th February 2024". The "Accepted papers" section includes a note about publication and a deadline of "28th February 2024". The "ORGANISING COMMITTEE" section lists the President, Vice President, General Secretary, and other committee members. The "MEMBERS" section lists the Head of Department, Associate Professors, and Assistant Professors. The "EDITORIAL COMMITTEE" section lists the Editor-in-Chief, Associate Editors, and Reviewers. The "CONTRIBUTORS" section lists the Conference Chair, General Chair, and Technical Chair. The "PAPERS" section lists the topics for submission. The "REGISTRATION FEE" section lists the fees for Research Scholars, Ph.D., Honorary Faculty, and Industry partners. The "CONTACT" section provides the contact details for the conference chair, general chair, and technical chair.

Ms. Lavanya Baradi attended a 2 Day National online conference on '**Recent trends in Mathematics in the fields of Science and Technology (RMST-2024)**' and presented a paper titled '**Turbulent Flow Heat And Mass Transfer Of CuO – Water Nanofluid Through a Square Channel With Inner Semi Circular Grove**' under DBT STAR COLLEGE (Strengthening Component). It was organised by Vasavi College of Engineering (Autonomous), Hyderabad, in online mode. The aim of this conference is to provide a forum for research scholars, educators and faculty to exchange ideas, to communicate and discuss research findings and new advancement in mathematics.



St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University
NAAC Re-accredited with 'A' Grade 4th Cycle)



जैवप्रौद्योगिकी विभाग

DEPARTMENT OF
BIOTECHNOLOGY

Objective:

To give opportunity to both academicians as well as research scientists to communicate and discuss mathematical problems and their applications for the industry sector.

Outcome:

Knowledge gained by the participants in the topics mentioned below.

Topics covered

1. Common fixed point for family of non self and expansive mappings
2. Applications of Eigenvalues and Eigen vectors in AI & ML
3. Initial and Boundary value problems for Fractional Difference Equations.
4. Analytical insights using Mathematical and Statistical Computations.

Certificate

