**MS ROLLIN PREETHA VAZ**

Assistant Professor - Stage II

Department of Mathematics

St Aloysius (Deemed to be University), Mangaluru - 575 003

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**ACADEMIC QUALIFICATION:**

* Pursuing PhD at Manipal Institute of Technology (MIT), MAHE, Manipal

Area of specialization: Differential Equations and its Applications

* Karnataka State Eligibility Test for Assistant Professors (KSET), 2018.
* M.Sc. in Mathematics, Mangalore University, Konaje

Year of completion: 2018

* B.Sc., Alvas College, Moodbidri

Year of completion: 2016; Area of specialization: Physics, Chemistry, Mathematics

**RESPONSIBILITIES AT SADU**

* Coordinator of Central Valuation
* Coordinator of CEC
* President - Astro Club
* Class guide, mentor and Project guide

**WORK EXPERIENCE**

* St Aloysius College (Autonomous), Mangalore, Assistant Professor: June 2019 – Present.
* Sacred Heart PU College, Madanthyar, Lecturer: June 2018 – March 2019.

**RESEARCH INTERESTS**

* Differential Equations
* Fluid Mechanics
* Semi-analytical Methods

**PUBLICATIONS/BOOKS**

Co-authored a textbook “Business Statistics” for BCom under NEP syllabus.

**SEMINARS /CONFERENCES /WORKSHOPS ATTENDED:**

* Attended Science Academies Lecture Workshop on “Ever Young Topics in Physical and Chemical Sciences” organised by St Aloysius (Deemed to be University), Mangalore held on 17 – 18 February 2025.
* Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by MM-TTC: Ramanujan College, Delhi in collaboration with Dr. Bhim Rao Ambedkar College, Delhi from November 13 to 22, 2024.
* One week national-level online workshop on “Graph Theory using Python” organized by Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore from October 22 to 26, 2024.
* Attended two-day Faculty Development Programme organized by the Human Resource Department of St Aloysius (Deemed to be University), held on 27 and 28 June 2024.
* Attended National Conference on Physical Sciences organized by St Aloysius (Deemed to be University) held on March 1 and 2, 2024.
* Completed two weeks “Refresher Course in Mathematical Sciences (Theme: Foundation Course in Vedic Mathematics)” organized by Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission On Teachers and Teaching during 01 - 14 September 2023.
* Hands-on workshop on OBE and Question Bank preparation using QnSmarti organised by the IQAC of St Aloysius College (Autonomous) Mangaluru and The Office of Registrar and Controller of Examinations in association with ipsr solutions limited on 14 July 2023.
* Participated in FDP on “Underlying Threads of OBE” organized by IQAC of St Aloysius College (Autonomous), Mangaluru in association with IPSR solutions limited on 11th March 2022.
* Participated in FDP on “Reimagining Internalization” organized by AAICHE, along with IQAC, St Aloysius College (Autonomous), Mangalore on 21st January 2022.
* Participated in a special online series on “Applications of Mathematics in Engineering Domains” organized by Department of Mathematics, St Joseph’s Engineering College in association with Karnataka Science and Technology Academy from September 14 - 20, 2021.
* Participated in one-week National Level Faculty Development Programme on “Transformation in Indian Education through New Education Policy- Challenges and Opportunities” during 05 - 11 July 2021 organised by Government First Grade College for Women, Balmatta, Mangaluru in association with St Aloysius College (Autonomous), Mangaluru.
* Participated in a five-day workshop on “Intertwining Strands in Physics and Mathematics: Symmetry” held at IISER Pune from 14th to 18th January 2020 organized by Center of Excellence in Science and Mathematics Education supported by MHRD, Govt. of India.
* Attended National Conference on “Discrete Mathematics and Graph Theory” during 05 - 06 February 2018, organized by Department of Mathematics, Mangalore University.