

## GMU - Faculty Profile



### Contact

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## Ms. LAVANYA B

Assistant professor in Mathematics

### Faculty

Faculty of Basic and Applied Science

### School / Program

School of Mathematical and Physical Science

### Faculty Introduction

I am Lavanya B, currently serving as an Assistant Professor with 2 years of teaching experience at GMU. I have completed both my graduation and postgraduation from Davanagere University, where I secured the 5th rank in my postgraduate studies. I am passionate about Mathematics and deeply committed to sharing my knowledge with students. My goal is to contribute to the nation's growth by inspiring young minds and expanding their understanding of mathematical concepts alongside my own continuous learning.

### Qualifications

#### MSc (Mathematics)

Davanagere University – Davanagere, Karnataka, 2023

#### BSc (PCM)

AVK college for women, Davanagere University, Davanagere, 2021

### Experience

#### Teaching

- 2 Years at G M University, Davanagere

#### Industry

- Nil

#### Research

- Nil

#### Training Program Attended

- Training on MATLAB software organised by GMU, Davangere
- Training on Mathematica by Dr. K R Raghunath, Assistant professor, Davangere University, Davangere

- AI and its applications on research.

#### **Research Interest**

- Graph Theory
- Fluid Mechanics

#### **Awards & Achievements**

- Focused on enhancing teaching methodologies and student engagement

#### **Publication / Patents**

- Nil

#### **Professional Membership**

- Nil

#### **Awards & Recognitions**

- Recognized for contributing as Master of Ceremonies (MOC) and Anchor in numerous academic and institutional events, showcasing strong communication, organization, and leadership skills
- Consistently achieving positive student outcomes and Working towards future recognitions

#### **Administrative Responsibilities**

- Disciplinary Committee
- Internal Squad for GMIT

#### **Workshops / FDPs / Seminars Attended**

- International FDP on “Innovative Applications of Mathematics” from 18/11/2024 to 23/11/2024 By Bapatla Engineering College, Bapatla, AP
- National Level Online Workshop On “Mastering Reference Management: Tools, Techniques and Best Practices for PhD Research and Scholarly Publishing “by ISRT, Chennai, on 01/03/2025.
- FDP on “Transformations, Probability and Statistics for engineering Applications” from 26/02/2024 to 1/03/2024 by Acharya Institute of Technology, Bangalore.
- Workshop on “Python Foundation for Machine Learning” from 11/09/2025 to 13/09/2025, at Ramaiah Technology Campus, Peenya, Bangalore.
- FDP on LEAP platform organised by GMU, Davanagere

#### **Workshops / FDPs / Seminars Organized**

- Workshop on MATLAB and Mathematica organized by GMU.

#### **Projects Guided**

- Nil



**Funded Projects / Grants Received**

- Nil

**Any Other Contributions**

- Volunteered in the selection process of SWs in NCC, supporting student participation in national service activities.
- Served as an Internal Squad Member for academic and examination-related duties at GMIT.
- Designed course curriculum for M.Sc. Mathematics and Robotics & Automation (RA) programs, contributing to academic development.
- Taught Manjunath (ISE) in clearing a backlog from the 4th semester, resulting in a VTU score of 64 marks, demonstrating effective academic support.
- Conducted remedial classes for slow learners, helping them strengthen conceptual understanding and improve performance.
- Assisted in the admission process.