

## GMU - Faculty & Staff Profile Templet



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## Dr. Manjula G M

Associate Professor in Department of Mathematics

### Faculty

Faculty of Basic and Applied science

### School / Programme

School of Mathematical and Physical science

### Faculty Introduction (Five to Six Lines)

Dr. Manjula G M received a Master's degree from Kuvempu University, Karnataka, India in 1995. She completed B Ed. From Kuvempu University in the year 2008. She completed her M phil. From Vinayaka Missions University in the year 2009. She also completed her Ph.D. degree from Bundelkhand University, Jhansi, India in 2014. She is currently working as an Associate professor at GM University, Davangere. Dr. Manjula G M published two Research papers in reputed Scopus indexed journals. She has been a Board of Examiner in the year 2017 under VTU. She was awarded one patent. Her main area of research includes The study of Dimensions functions of von neuman algebras relative to groups of automorphism.

## Qualifications

### Ph.D. (von neuman numbers)

Bundelkhand University, Jhansi 2014

### M.Sc. (Mathematics)

Kuvempu University, Shimoga, Karnataka 1995

### B.Sc. (PCM)

Kuvempu University, Davanagere, Karnataka 1992

## Experience

### Teaching

- 26 years.
- Associate Professor at GM University, Davanagere (2023-Present).
- Assistant Professor in the department of mathematics, at GMIT, Davanagere (2010 – 2023)

- Assistant Professor at Bapuji Institute of Engineering and Technology (1995 – 2009)

### Research

- Deep learning based convolutional neural network for handwriting recognition.
- Numerical solution of Lead (Pb) removal from waste water using the Runge - Kutta method

### Training Programme Attended

- Leadership training programme organised by GM University.
- Attended International Conference on Advances in Chemical and Physical Sciences (ICACPS-2025) organised by School of Physical Sciences, Amrita Vishwa Vidyapeetham, Mysuru Campus held on 23<sup>rd</sup> and 34<sup>th</sup> January 2025.
- Python matlab related to Engineering Mathematics organised by GM University during 3 October 2024 6 October 2024.
- Attended 2<sup>nd</sup> International Conference on Emerging Trends in Science, Engineering and Management on 15<sup>th</sup> and 16<sup>th</sup> July 2021.
- Attended one week training programme on Emphasizing the Importance and Impact of Professional Ethics, Moral Human Values, Character Building in modern education held during August 23 to 28, 2021 organised by department of Studies in Mechanical Engineering University B.D.T College of Engineering, Davangere.
- Attended one week Training Programme for teachers on An overview of Teaching Techniques in Engineering Statistics & Linear Algebra from 6<sup>th</sup> to 10<sup>th</sup> January 2020.
- Attended One day National Conference on recent trends on the Applications of Science in Engineering (NCRSE- 2018) on 28<sup>th</sup> September 2018 held at Bapuji Institute of Engineering and Technology, Davangere.

### Research Interest

- Von neuman numbers
- Artificial Neural Networks
- Optimization techniques

### Publication / Patents

- Papers: 2
- Patents: 1
- International Conference Poster presentation: 1

### Professional Membership

- The Indian Society for Technical Education

### Awards & Recognitions

- Director, GM shahakara Sangha
- Director of GM Society

### Administrative Responsibilities

- Department Level: Cultural and Admission Co-ordinator
- University Level: Discipline Committee member and Competitive exam co-ordinator.

### Workshops / FDPs / Seminars Attended

- Participated in one day FDP on Revised Syllabus of Applied Chemistry, Applied Physics and Applied Mathematics jointly organised by JNN College of Engineering, Shivamogga & VTU-Belagavi on 30<sup>th</sup> August 2025.
- Participated in a Workshop under AICTE Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) on Roots to Recipes: Tech-Driven Agri Practices in Kannada language at GMIT from 20 August 2025 to 22<sup>nd</sup> August 2025.
- Attended Six day FDP on Master Math by Python organised by Department of Computer Science and Engineering, Jain Institute of Technology, Davangere in Association with ISTE Faculty Chapter, JITD held from 6<sup>th</sup> to 11<sup>th</sup> February 2023.
- Participated in Five Days National Level FDP on Graph Theory held from 29<sup>th</sup> June 2021 to 3<sup>rd</sup> July 2021 organised by Department of Science in Collaboration with IQAC.
- Participated in the Five day FDP on Information and Communication Technology(ICT) and Outcome based Education (OBE) organised by RVCE, Bengaluru, under the Margadarshan – AICTE Scheme, conducted at GMIT during 21<sup>st</sup> to 25<sup>th</sup> Jan 2020.
- Attended FDP on Business analytics – A Management Tool organised by Department of Studies in Management at GMIT on 7<sup>th</sup> and 8<sup>th</sup> of February 2019.
- Attended two day workshop on Advanced Mathematical Techniques in Research and Engineering Applications held on 29<sup>th</sup> and 30<sup>th</sup> January 2018.
- Participated in one day seminar on Science in Engineering (SSE) on 5<sup>th</sup> December 2017 held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka.
- Attended UGC sponsored National Seminar on Recent Advances in Mathematics and their Implications

organised by The Department of Mathematics on 18<sup>th</sup> March 2014.

- Participated in a Mission10X workshop conducted at Bapuji Institute of Engineering and Technology at Davangere from 28 May to 1 June 2012.
- Attended one day national workshop on Emerging Trends and Applied and Pure Mathematics on March 12<sup>th</sup> 2011, jointly organised by Department of Mathematics and ISTE Chapter, Ranebennur.

#### **Projects Guided**

- UG Projects: 3
- PG Projects: NIL

#### **Funded Projects / Grants Received**

- NIL

#### **Any Other Contributions**

- Mentoring the Students of 1<sup>st</sup> year, Engineering.