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GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA



## Contact

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## Mrs. Savitha P H

Assistant Professor in Chemistry & Director, SCBS

### Faculty

Faculty of Basic and Applied Sciences

### School / Program

School of Chemical and Biological Sciences

Department of Chemistry

### Faculty Introduction

Mrs. **Savitha P. H** is an Assistant Professor and Director of the School of Chemical and Biological Sciences at GMU. She specializes in organic synthesis, spectroscopy, and nanomaterial research. With over ten years of teaching and research experience, her research focuses on developing advanced materials and exploring their chemical and environmental applications. She actively engages in academic administration, curriculum development, and faculty coordination. Mrs. Savitha has also organized and guided seminars, workshops, and student Projects initiatives to promote innovation and scientific excellence in chemistry.

## Qualifications

### Ph.D. (Pursuing)

Visvesvaraya Technological University, Belagavi.

### M. Sc., (Organic Chemistry)

Kuvempu University, Karnataka

### B.Sc., (Physics, Chemistry, Mathematics)

Davangere University, Davangere

## Experience

### Teaching

- 11 years
- Director, School of Chemical and Biological Sciences, GM University, Davangere from 2023 to till date.
- Assistant Professor, Department of Chemistry, GM University, Davangere from May 2025 to till date.
- Assistant Professor, Department of Chemistry, GMS Academy, Davangere from 01/01/2016 to May 2025.
- Lectures in DRM Science College, Davangere from 01/07/2014 to 30/12/2015.

### Industry

- Nil



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### Research

- “Nanocellulose from Lignocellulosic Biomass: Synthesis, Characterization and Applications”

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### Training Program Attended

- Attended Hands on Training Session on **LED Interactive panel organised by I active** in collaboration with GM University held on 18th November 2023.
- One day training program on **SAMAVESHA Episode-7** organised by Indian Science and Technology and Engineering facilities Map in collaboration with GM University, Davangere on 26/11/2024.
- Attended Two Day **Leadership Training Program** Organised by School of Design Thinking, Chennai held on 12th and 13th March 2025.
- Two days **“Leadership training program”** conducted by Indian Leadership Academy on 25<sup>th</sup> and 26<sup>th</sup> June 2024.

### Research Interest

- Materials Science
- Chemistry (Green / Sustainable Chemistry)
- Environmental Science (Waste Utilization)

### Awards & Achievements

- “Extra Faculty Challenge Award” on the Occasion of Teachers Day celebration in 2021.

### Publication / Patents

- Ph.D. Dissertation:
- National Conference Papers:
- International Conference Papers:
- National Journal Papers:
- International Journal Papers:

### Professional Membership

### Awards & Recognitions

- “Extra Faculty Challenge Award” on the Occasion of Teachers Day celebration in 2021.

### Administrative Responsibilities

- Department Level
- Director, School of Chemical and Biological Sciences



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### Workshops / FDPs / Seminars Attended

- One day Workshop connected with “**International Year of Chemistry-2011**” held on 22<sup>nd</sup> October 2011 organised by Vision Group of Science and Technology, Bengaluru and National Education Society(R) Shimogga in Collaboration with Department of Collegiate Education, at Govt. First Grade College and P.G. Centre, Davanagere.
- Two days workshop on “**Intellectual Property Rights (IPR)**” organised by KSCST-GMIT IPR Cell in Association with Patent Information Centre (PIC), Karnataka, Student Council for Science and Technology (KSCST), Bengaluru on 17<sup>th</sup> and 18<sup>th</sup> September 2018.
- National Seminar on “**Recent Trends in Chemical Biology and Material Sciences**” organised by Department of P.G. Studies and Research in chemistry, Kuvempu University, P.G. Centre, kadur on 26<sup>th</sup> and 27<sup>th</sup> February 2018.
- One day Webinar on “**Covid-19 and its impact on Environment and Society: Bio and Physicochemical facts**” organised by Department of Chemistry, APS College of Arts and Science on 18<sup>th</sup> may 2020.
- 24<sup>th</sup> virtual webinar on “**Application of N-Heterocyclic Carbene Complexes of Cobalt in catalytic Borylation reaction**” organised by Reva University, Bengaluru on 08/06/2021.
- Three days Faculty Development Program on “**Leadership Skill for Everyone**” conducted by ICT Academy on 28/11/2022 to 30/11/2022 at GM Institute of Technology.
- Five days FDP on “**Science of New-Age Materials for Advanced Technological Applications**” held from 25<sup>th</sup> to 29<sup>th</sup> April 2022, organised by the Department of Chemistry, Acharya Institute of Technology, Bengaluru.
- Two days faculty development program on “**Secrets: Finding, Writing and Winning a Research Grants**” organized by R&D Cell, Pollachi College of Arts and Science, Pollachi, Coimbatore from 01/03/2022 to 02/03/2022.
- One day national webinar on “**Advances in Material Sciences**” organised by JSS College of Arts, Commerce and Science, Nanjanagud held on 13/02/2023.
- Five days Virtual Faculty Development Program on “**Innovation and Sustainability in Banks**” from



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10/04/2023 to 14/04/2023 organised by the Department of Commerce and Management, RPA First Grade College, Bangalore.

- Five days FDP on “**Advance Functional Materials for Science & Engineering-2023 (AFMSC)**” organised by Don Bosco Institute of Technology on 15/05/2023 to 19/05/2023.
- Presented paper in International Conference **MPCON 2023** on “**Re-visiting Pharmaceutical Manufacturing: Insights into Production, Quality, and Regulation.**” jointly organized by Department of Pharmaceutics, Department of Pharmaceutical Quality Assurance and Department of Pharmaceutical Regulatory Affairs and Management, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, to be held from 28<sup>th</sup> to 30<sup>th</sup> September 2023 at Manipal.
- One week faculty Development program on “**Polymer Composites for Engineering Applications (PCEA-2023)**” conducted by the Department of Chemistry, B.M.S college of Engineering, Bengaluru from 22/05/2023 to 26/05/2023.
- One day National level Workshop on “**AI-Assisted Scientific Writing & Publications**” organised by Raja Lakhamagouda Science Institute on 20<sup>th</sup> January 2024.
- Five days Webinar on **Topical Sustainable Development in Science and Technology 2025** organised by Don Bosco Institute of Technology on 01/09/2025 to 05/09/2025.

#### Workshops / FDPs / Seminars Organized

- NIL

#### Projects Guided

- Academic Year 2024–2025  
**Project Title:** Preparation of Nanocellulose by Using Wood Materials and Its Application in Various Fields  
**No. of Students:** 05  
**Nature of Work:** Experimental study involving extraction of nanocellulose from wood-based materials, its characterization (FTIR, XRD, SEM), and exploration of applications in various fields such as packaging, coatings, and biocomposites.
- Academic Year 2023–2024  
**Project Title:** A Brief Overview of Instrumental Techniques in Chemistry



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**No. of Students:** 07

**Nature of Work:** Review-based project highlighting fundamental principles, instrumentation, working mechanisms, and analytical applications of major techniques such as UV-Vis, IR, NMR, and Chromatography.

#### Funded Projects / Grants Received

- NIL

#### Any Other Contributions

- Academic and Admission Coordinator.
- BOE – Member – GM University
- BOS – Internal Member – GM University
- Internal Assessment and Examination Committee Member – FBAS- GM University