



DR. NAGALAKSHMI G

M.Sc. | Ph.D.

Assistant Professor & HoD (UG & PG), Department of Forensic Science

Experience: 12 Years

Faculty Profile

Dr. Nagalakshmi G. is a distinguished researcher and academician with over 12 years of experience in higher education and scientific research. For the past four years, she has served as the Head of the Department of Forensic Science at Soundarya Institute of Management and Science, leading both undergraduate and postgraduate programmes. Her career is defined by administrative leadership, rigorous research, and a deep commitment to student mentorship.

She served as a Senior Research Fellow at ICAR, managing critical projects funded by DBT, DST, and ICAR. She is a prolific scholar with over 15 research articles published in Scopus-indexed and peer-reviewed journals, holds six published patents, and acts as a Recognized Reviewer for several Scopus-indexed journals. Under her guidance, numerous student research initiatives have been showcased at national and international conferences including the Bangalore Tech Summit.

Awards & Recognition

- **Star Educator Award (2025):** Honoured with the "Star Educator Award for Excellence in Teaching" by Dr. C.A. Viraktamath via the Avian Trust.
- **Global Presence:** Represented her field at a major International Conference in Bangkok, Thailand.
- **Academic Governance:** Recognized member of the Board of Studies (BoS) and Board of Examiners (BoE) for Forensic Science at Bangalore University.
- **Adjudicator:** Served at the 1st National Conference on Advancement of Forensic Science, RR Institute of Management and Studies, 05 June 2024.

Publications

1. Gujjar, N.R., Itigimatha, N., Hadagali, M.D & Yallur, B.C. (2025). Stability Indicating RP-HPLC Method Development and Validation for the Determination of Anthelmintic Drug in Pure and Dosage Form. *Applied Research in Engineering Sciences*, CRC Press, Taylor and Francis Group. DOI: 10.1201/9781003771104.
2. Gujjar, N.R., Hadagali, M.D., Yallur, B.C., & Itigimatha, N. (2024). Novel and Stability Indicating RP-HPLC Method Development and Validation for the Determination of Metformin HCL. *Pharmaceutical Chemistry Journal*, 58(8), 1332–1338.
3. Nagalakshmi, G. et al. (2023). A brief review of Chromatographic Methods for the Quantification of Favipiravir. *Chromatographic Methods and Research*. Nova Publishers, USA.
4. Nagalakshmi, G. et al. (2023). Synthesis and optical properties of copper terephthalate metal organic frameworks. *Engineering Chemistry*, 2, 3–11.
5. Gujjar, N.R. et al. (2018). Advanced prediction to facilitate biocontrol of the mealybug *Rastrococcus iceryoides* in organic mango orchards. *The Canadian Entomologist*, 150(1), 116–119.
6. And 7 further research publications in peer-reviewed and Scopus-indexed journals (2013–2019).



Patents

- Indian Patent filed: "A Kit for Rapid Testing of Mono Sodium Glutamate in Food Products" — Application No. 202541103005, Oct 2025.
- Five Design Patents registered in the United Kingdom: Handy Digital Precision Fluorometer, Touch Interfaced Portable Clinical Chemistry Analyzer, Multi Terminal Immuno Analyzer, Automated Haematology Analyzer, Portable Ventilator for Asthmatic Conditions (all Feb 2024, Design Nos. 6342896–6342900).
- One Patent in Federal Republic of Germany: Composition for the Synthesis of Bromoacrylaldehyde Analogues. UTR No. 202023106335, May 2023.

Contact & Academic Profiles

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