RAMAIAH College of Arts, Science & Commerce-Autonomous

Profile of Research Supervisor (Guide): Dr. Manmohan Singh Bengaluru City University

Discipline of Supervision: Biotechnology

Dr. Radha Dayanidhi

Assistant Professor

Department of Biotechnology & Genetics

Areas of Specialisation: Neurotoxicology, Sericulture, Biochemistry, Sustainable Agriculture

Dr. Radha Dayanidhi is an Assistant Professor in the Department of Biotechnology and Genetics at M S Ramaiah College of Arts, Science and Commerce-Autonomous in Bengaluru. She earned her Ph.D. from Bangalore University and specializes in Neurotoxicology, Sericulture, and innovative crop cultivation in the agricultural sector. She has published extensively in international journals, contributed to book chapters, and presented her work at various national and international conferences. Her accolades include the 'Best Paper Presentation' Award from Christ University, Bengaluru, and the 'Ideal Teacher' Award from Vachana Sahitya Sangha, Bengaluru. Beyond her academic responsibilities, she has worked as a Research Assistant at the National University of Singapore, served as a resource person, and acted as an academic expert on boards of studies. She has also supervised student research projects supported by funding from the management. With a robust background in Biotechnology, Biochemistry, Sericulture, and Toxicology, she is dedicated to advancing research in sustainable agriculture and Biotechnology.

Google Scholar link: https://scholar.google.com/citations?user=jKnjjooAAAAJ&hl=en

Selected Publications:

1. P. Mahaboob Basha & **M.J. Radha** (2017). Gestational di-n-butyl phthalate exposure induced developmental and teratogenic anomalies in rats: a multigenerational assessment. *Environmental Science and Pollution Research*, 24 (5), 4537-4551. https://doi.org/10.1007/s11356-016-8196-6

2. P. Mahaboob Basha., & **Radha, M.J.** (2020). Gestational and lactational exposition to di-*n*-butyl phthalate increases neurobehavioral perturbations in rats: A three generational comparative study. *Toxicology reports*, *7*, 480–491. https://doi.org/10.1016/j.toxrep.2020.03.006

3. **Radha, M. J.,** & Mahaboob Basha, P. (2020). Hepatotoxic evaluation of Di-*n*-butyl phthalate in Wistar rats upon sub-chronic exposure: A multigenerational assessment. *Toxicology reports*, *7*, 772–778.https://doi.org/10.1016/j.toxrep.2020.06.008