

Doctoral Research Programs

- Abitha Thomas (Structured PhD Programme) Title: To Unravel the Biodiversity of *Dendrobium* in the Western Ghats and their Conservation for 'Moscatilin' (Completed)
- Ipsita Pujari (Structured PhD Programme) Title: Modulation of Moscatilin biosynthetic pathway in *Dendrobium ovatum* on November 12, 2013 (Ongoing)
- Soundaryaa Bargunam (Structured PhD 2018) Title: Decrypting the Multifaceted Function of Exogenously Supplemented Melatonin in Designated Dicot and Monocot species (Ongoing)

Selected Post-Graduate Research programs

- Deepika Pai. K., Identification of Polymorphisms in *Gloriosa superba* population using Molecular markers (RAPD and AFLP) and bioproduction of Colchicine using *in vitro* strategies. Division of Biotechnology, Manipal Life Sciences Centre, Manipal, Karnataka.
- Tanveer Shaik, Cytological and Nuclear Genome Content Evaluation of *Gloriosa superba* Populations and Bioelicitation of Demecolcine and Colchicine alkaloids *in vitro* using defined and undefined additives. Division of Biotechnology, Manipal Life Sciences Centre, Manipal, Karnataka.
- Shruthi Kumar , Relative Assessment of Photosynthetic Efficiency in Tropical Orchids Using Portable Photosynthesis Measuring System. Division of Biotechnology, Manipal Life Sciences Centre, Manipal, Karnataka.

Selected Graduate Research programs

- Akshaya Hegde , - Micropropagation of *Clitoria ternatea* and Assessment of Clonal fidelity of *in vitro* raised plants.
 - Sunaina Banerjee,- STANDARDIZATION AND ASSESSMENT OF ENZYME KINETICS INVOLVED IN MALATE OXIDATIVE DECARBOXYLATION IN PLANT SYSTEMS.
 - Yashika Khandelwal,- Standardization of the Molecular Diversity in *Dendrobium* Plant (hybrid vs *D.ovatum*)
 - Pallavi Mathur-, Haploid production and cytogenetic studies in *Dendrobium ovatum*
 - Dhanwini S.- Utility of psbA-trnH and matK barcodes to determine species uniqueness amid *Dendrobiums*, endemic to the Western Ghats, Karnataka
 - Priyal Lyncia Almeida - SCREENING GENETIC POLYMORPHISMS IN *DENDROBIUM* SPECIES ENDEMIC TO WESTERN GHATS USING DOMINANT MOLECULAR MARKERS, Department of Plant Science, School of Life Sciences, Manipal University, Manipal, Karnataka.
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