

# ANJU M

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## Education

Degree	Institution/University	Year of passing	CGPA
PhD	Central University of Kerala, India	Thesis submitted	
MSc	Central University of Kerala, India	2015	8.5/10
BSc	Nehru Arts and Science College, Kanhangad	2013	3.5/4

## Awards/Achievements/Fellowships

- ❖ Awarded **KSCSTE** (Kerala State Council for Science Technology and Environment) - **JRF** for pursuing PhD (January, 2016)
- ❖ Qualified **CSIR-JRF**(Council of Scientific & Industrial Research- Junior Research Fellowship) – **NET** (June, 2016)
- ❖ Qualified **GATE** 2016
- ❖ **Second rank** in MSc Plant Science from Central University of Kerala
- ❖ **Third rank** in BSc Plant Science from Kannur University

## List of Publications

- ❖ **Anju M**, Thomas TD (2023) In vitro propagation via indirect shoot organogenesis, assessment of genetic stability using SCoT markers and antioxidant analysis in *Barleria prattensis* Sant., an endemic medicinal plant to the Western Ghats. Brazilian Journal of Botany 46:1-13
- ❖ Pramod S, **Anju M**, Rajesh H, Thulaseedharan A, Rao KS (2021) Effect of exogenously applied 24-epibrassinolide and brassinazole on xylogenesis and microdistribution of cell wall polymers in *Leucaena leucocephala* (Lam) De Wit. Journal of Plant Growth Regulation 1-13
- ❖ **Anju M**, Razdan MK, Thomas TD (2021) In vitro Production of Haploids and Triploids in Mulberry. In: Razdan MK, Thomas TD (eds.), Mulberry: Genetic Improvement in Context of Climate Change CRC Press, London, pp 122-130

- ❖ Deepa AV, **Anju M** Thomas TD (2018). The applications of TDZ in medicinal plant tissue culture. In: Ahmad N, Faisal M (eds.), Thidiazuron: From Urea Derivative to Plant Growth Regulator Springer, Singapore, pp 297-316

### **Presentations at Conferences/Seminars**

- ❖ **Anju M**, Thomas TD 2022. Multiple shoot induction from radicle explants of *Barleria prattensis* Santapau. International conference on Plant Genetic Engineering and Genome Editing . 27<sup>th</sup> and 28<sup>th</sup> October 2022, organized by Central University of Kerala, India
- ❖ **Anju M**, Thomas TD 2022. Micropropagation of *Barleria prattensis* Santapau., an endemic medicinal plant to Western Ghats. Online International Conference commences 2022. May 23-25, organized by department of Biotechnology CEPCI laboratory and research institute, Kollam, Kerala, India
- ❖ **Anju M**, Thomas TD 2021. Shoot induction from nodal explants of *Barleria prattensis* santapau. International Science Symposium- 2021 on Recent trends in Science and Technology. April 8-9, 2021 Organized by Christ College, Rajkot & Sponsored by GUJCOST and GSBTM, Gandhinagar, Gujarat, India
- ❖ **Anju M**, Thomas TD 2021. Direct shoot induction from cotyledon explants of *Barleria prattensis* santapau. The international conference on agriculture, climate change & life sciences 2021. March 05-06, 2021 Organized by International Multidisciplinary Research Foundation, India
- ❖ **Anju M**, Thomas TD 2019. *In vitro* conservation of *Hemigraphis colorata* (Blume). H.G Hallier. XLII All India botanical conference of the Indian botanical society and national symposium on innovations and inventions in plant science research. November 6-8, 2019 organized by university of Calicut, Kerala, India

### **Workshops and Trainings Attended**

- ❖ Participated in National Workshop on "Ex situ Conservation and Utilization of Medicinal Plants through Biotechnological Interventions" on January 2017 at JNTBGRI, Palode
- ❖ Participated in National Workshop on "Cryopreservation of plant germplasm" on November 2016 at ICAR- CPCRI, Kasaragod
- ❖ Participated in National Seminar on Molecular trends in taxonomy and biodiversity Conservation on March 2014 at Central University of Kerala
- ❖ Volunteer in Swasraya Bharath 2014 at college of Agriculture, Padennakkad organized by Swadeshi science movement, Kerala