

## Dr. Ravisha Savant

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### PROFILE

Expertise in micro-propagation of horticulture plants.

Self-motivated, hard-working, and goal-oriented, with a high degree of flexibility, creativity & resourcefulness, determined to carve a successful and satisfying career in the industry.

Strong academic background; quick learner with a sharp, analytical mind, qualities that are useful in troubleshooting and research & developmental activities.

An effective team player with exceptional planning and execution skills coupled with excellent interpersonal and communication skills.

### CAREER OBJECTIVE

Seeking a position to utilize my skills and abilities in a renowned organization that offers professional growth while being resourceful, innovative, and flexible.

### QUALIFICATIONS

Name of the degree	University	Year of passing	Class
Ph.D. (Plant Tissue Culture)*	Pune	2005	By thesis
M.Sc.(Botany)	Pune	2000	First
B.Sc. (Botany)	Pune	1998	First

\*“Tissue Culture Studies in Some Species of *Ceropegia*”

### CAREER PROFILE

Designation	Duration	Organization
Assistant Professor	Aug 2017- Till date	Modern College of Arts, Science &Commerce, Shivajinagar
Assistant Professor	Feb 2017- May 2017	Bharati Vidyapeeth Deemed University, Rajiv Gandhi
Content Writer	July 2016 – Jan 2017	Online Freelancer
Content Editor	Dec 2015 –July 2016	BGM Policy Innovations Pvt. Ltd
Head of Department	Aug 2011 –Aug 2014	Universal Training Solutions Pvt. Ltd
Head of Department	Dec 2009– July 2011	CareerRef.com, Pune
Head of Department	2007- 2009	IITians Institute, Pune
Lecturer	2005-2007	Modern College, Pune

## CERTIFICATE

6 months certificate course in Plant Tissue Culture at Bharati Vidyapeeth Deemed University, Rajiv Gandhi Institute of IT & Biotechnology.

## PROJECTS

- Micropropagation of commercially important fruit crop such as banana for large quantity of quality planting material.
- Worked on *In vitro* propagation and commercialization of Strawberry.
- Developed an efficient protocol for large scale production of Sugarcane.
- Developed a suitable protocol for mass production of orchids through micropropagation.
- Rapid multiplication of *Anthurium* and mass production of quality planting material through micropropagation.
- Performed *In vitro* studies on *Spathyphyllum*
- Micropropagation of horticultural plants and their utilization for container garden and herbal kits for health and well being
- Micropropagation of commercially important ornamental and medicinal plants for rapid production of Quality planting materials.
- Also worked on *In vitro* propagation of selected exotic plants such as *Crytanthus*, *Syngonium*, *Dracena*, *Cordyline*, *Chlorophytum*, ornamental banana, miniature banana.
- Innovated a new concept called container garden (bottle garden) by using tissue cultured plants. Displayed bottle garden with various types of themes such as glass container garden, tray garden and pot garden in an exhibition held at Westin, Koregaon Park
- Worked as a Consultant for Jordan based company for setting up of Tissue Culture lab and providing the protocol of Micropropagation of Date Palm.
- Set up my personal plant nursery to harden banana plants.
- Co-ordinated the raising of Orchid house in the Modern College of Arts, Science and Commerce, Shivajinagar, Pune-411005 along with plantations in college campus.

## ACHIEVEMENTS

- Received “India Prime Icon Award 2022” for Education & Social Leadership.
- Received “ **National Brilliance Award 2021**” for “Best Innovative Professor.
- Received **Women’s Achiever Award 2021**.
- Received “**Education Excellence Award 2021**” for contribution to education community.
- Received “**International Brilliance Award 2021**” for “Dynamic Professor of the Year.
- Received "**Global Teacher Award 2021**” for contribution to education community.
- Awarded "**International Education Award 2020**" for "Contribution in Student Development".
- Honoured to receive "Research Excellence Award 2020" from Institute of Scholars
- Awarded by the University authorities ‘University Research Stipend’ for Ph. D. course in Botany for the period of one year.(1-1-2002 to 31-12-2002)
- Awarded first prize for the best poster, presented in the National Conference in Plant Sciences organized by Department of Botany, Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar. (10 th March- 12th March 2005).

## RESEARCH PUBLICATIONS

**Savant RS and Nikam TD** (2009). Multiple shoot regeneration and alkaloid Cerpegin accumulation in callus culture of *Ceropegia juncea* Roxb.  
*Physiology and Molecular Biology of Plants*. 15(1)71-77. Print ISSN:0971-5894; Online ISSN:0974-0430.

**Nikam TD, Ebrahimi M.A, Savant RS, Jagtap S and Patil PP** (2008). Ecorestoration of *Ceropegia odorata* Hook and *C. maccannii* Ansari, Endangered Asclepiads, by Micropropagation.  
*The Asian and Australian Journal of Plant Science and Biotechnology*. 2(2), 80-83.

**Nikam TD, Savant RS and Pagare RS** (2008). Micropropagation of *Ceropegia hirsute* Wt.& Arn. A starchy tuberous Asclepiad.  
*Indian Journal of Biotechnology*. Vol.7, (129-132).

**Savant RS and Nikam TD** (2007). Callus culture and micropropagation of *Ceropegia sahyadrica* Ans. Kulk: An edible starchy tuberous rare asclepiad.  
*Indian Journal of Plant Physiology*, 12:108-114.

**Savant RS and Nikam TD** (2006). *In vitro* propagation of the endangered Asclepiad *Ceropegia oculata* Hook. through nodal culture.  
*In Vitro Cellular & Developmental Biology- Plant*.

### **Book Publication**

Published a chapter 'Microgreens and their benefits' in Journal "Emerging Trends in Life Sciences" SCIENG Publications

Has worked as an editor for "Futuristic Trends in Biotechnology " IIP Proceedings, Volume 2, Book 27, Part 1. ISBN: 978-93-95632-88-1 Publication date 1st November 2022.

## PRESENTATIONS AND SEMINARS

**Poster presentation** at 2<sup>nd</sup> International Congress of Plant Physiology held at IARI, New Delhi, on January 8-12, 2003.

"*In vitro* propagation of *Ceropegia sahyadrica* Ansari & Kulkarni; rare and endemic species" **Poster presentation** at National Seminar on Assessment, Utilisation and Conservation of Biodiversity held at Department of Botany, University of Pune, March 27-29, 2003.

"*In vitro* propagation of *Ceropegia oculata* Hook -A rare and endemic species of Western Ghats" **Poster presentation** at National Seminar on Assessment, Utilisation and Conservation of Biodiversity held at Department of Botany, University of Pune, March 26-27, 2004.

**Poster presentation** in National Seminar on the Plant Physiology held at Department of Botany, University of Pune, December 27-29, 2004.

Callogenesis and Morphogenesis in *Ceropegia sahyadrica* Ans. & Kulk." **Poster presentation** at National Conference in Plant Sciences held at Department of Botany, Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar, March, 10-12<sup>th</sup> 2005.

## TRAINING

Plant Tissue Culture training to Higher Secondary School students and graduates

Demonstration practicals for Science, Biotechnology and Pharmacy students with the help of live plant materials

Nature Tech activity: A student run entrepreneurial unit on Micropropagation of ornamental plants, Bottle gardens, Herbal kits and Microgreens etc.

## **WORKSHOP ATTENDED**

5 Days Hand-on Workshop on Molecular Biotechnology and Bioinformatics held from 15 July 2013-19 July 2013 at the International Centre of Stem Cells, Cancer and Biotechnology, (ICSCCB), Pune.

## **TECHNICAL SKILLS**

MS Office: Word, Excel, PowerPoint

Statistical package like SPSS (Duncan's Multiple Test) for data analysis

## **HOBBIES**

- Listening to Music
- Art (Painting)

## **PERSONAL DETAILS**

<b>Address:</b>	E-Surobhi Park, Nagras Road, Aundh , Pune -411007
<b>Languages</b>	English, Hindi, Marathi, Konkani

## **Reference:**

Dr. Neelambika Meti (9226253206)

Associate Professor,

Bharati Vidyapeeth Deemed University,

Rajiv Gandhi Institute of IT & Biotechnology