

## **BRIEF BIODATA**



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<b>Date of Birth</b>	<b>: 09.04.1981</b>
<b>Nationality</b>	<b>: Indian</b>
<b>Educational Qualification</b>	<b>: M.Sc.; Ph.D. (Botany)</b>
<b>Teaching Experience</b>	<b>: 13 + Yrs. (Regular/Full time; since: 11-04-2012) UG</b> <b>: 07 + Yrs (CHB and Temporary Full Time) UG and PG</b>
<b>Research:</b>	
<b>Area/Specialization</b>	<b>: Plant Molecular Biology, Plant Biotechnology, Plant</b> Breeding and Plant Physiology, Cyto-genetics, Bioinformatics.
<b>Title of Ph.D. Thesis</b>	<b>: “Development and Applications of Molecular</b> <b>Markers for the Assessment of Diversity in some</b> <b>Wild and Cultivated Species of <i>Vigna</i> in MTR,</b> <b>Maharashtra”. (Date of Reg.: 15-01-2006).</b>
<b>Ph.D. degree award year</b>	<b>: 2012</b>
<b>Ph. D. Recognized Research</b> <b>Guide/ Supervisor</b>	<b>: Botany (SGB Amravati University, Amravati)</b>
<b>Ph. D. working students</b>	<b>: 03</b>
<b>M. Sc. and B. Sc. dissertation</b> <b>guidance Completed</b>	<b>: 04</b>
<b>Latest Research Papers –(Total:38)</b>	
<b>Undal VS (2024) Evaluation on characterization, properties and Applications of Dendrimer: A new class</b> <b>of polymer. Int. J Adv. Res. Inn. Ideas Edu., 9(4):3324-3336. ISSN: -2395-4396 (O)</b>	

**Undal VS** and Idhole SS (2024) Some medicinal plants with Antiasthmatic prospective: A current status. Global Online Electronic International Interdisciplinary Research Journal, 8(3): 169-177. ISSN: 2278-5639

Boliang B, Saranya S, Dheepaasri V, Muniasamy S, Alharbi NS, Selvaraj B, **Undal VS** and Gnanamangai BM (2022) Biosynthesized copper oxide nanoparticles (CuO NPs) enhances the anti-biofilm efficacy against *K. pneumoniae* and *S. aureus*. Journal of King Saud University-Science, 34:102120 (**Elsevier**) <https://doi.org/10.1016/j.jksus.2022.102120>

#### Latest Book Chapters-(Total:18)

**Undal VS** (2024) Properties and Applications of Dendrimers: A New Class of Polymers (217-241). Nanoscience and Nanotechnology for Smart Prevention, Diagnostics and Therapeutics, : Fundamentals to Applications. ISBN:9781394174577. (**Wiley Online Library**) <https://doi.org/10.1002/9781394175222.ch9>

**Undal VS** (2023) Biomolecules and Therapeutics of *Chlorophytum borivilianum* Santapau & R.R. Fern. (Safed Musli) Phytochemistry and Pharmacology of Medicinal Plants, Volume 1: T Pullaiah. (Ed.) **Apple Academic Press, CRC Press (Taylor & Francis)** (99-119) ISBN -978-1-77491-173-0.

**Undal VS** (2023) Biomolecules and Therapeutics of *Terminalia bellirica* Roxb. Phytochemistry and Pharmacology of Medicinal Plants, Volume 1: T.Pullaiah (Ed.) **Apple Academic Press, CRC Press (Taylor & Francis)** (227-257) ISBN-978-1-77491-173-0.

#### Oral and Poster Presentations in :17 National and International Conferences

**Patent-** Application No.-202431004811ATEMP/E1/5482/2024-KOL : Title- IoT-Enabled Smart Drug Delivery System Utilizing Bioresponsive Nanoparticles for Precision Medicine Applications. (2023-24)

**Academic courses attended/ Participated** : 10  
**Including Orientation and Refresher courses**

**Hand on Training/Workshop** : 05  
**Attended/Participated**

**Editor in Chief of Journal** : **Journal of Innovative Prospective in Sciences**, (ISSN:2455-6572) online published by GNA College, Barshitakali Dist Akola 444401 India. [www.gnaccollege.com/journal](http://www.gnaccollege.com/journal)

**College Administrative work** : Working as Chairman and members of various committees in the College, Board of College Development.

**National Service Scheme (NSS)** : Program Officer of NSS; Since 2021

**Publications in the form of individual Cassettes/ Lectures CDs/DVDs, Tracks published/ Recorded-** : In You Tube, PPT

**Guest Lectures/ invited talk delivered** : 07

**Life Member of Learned Societies** : 02