
DAMISETTI V V N VAMSY KRISHNA

**Msc. Molecular Microbiology;
PGD. Tissue Culture Techniques; MA. Psychology; (LL.B)**

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(A) Kakinada, Andhra Pradesh



Summary

Lecturer – Life Sciences | Psychology | Research Mentorship

Empathetic, interdisciplinary educator with a strong foundation in **Life Sciences, Psychology, and Law**, and a passion for **student-centered teaching**. Holds **dual post-graduate degrees** and has experience as a **Teaching Assistant** during IGSTC-Research tenure at **University of Hyderabad**, conducting M.Sc. lab sessions and mentoring research projects. Previously taught Biology and Psychology at reputed institutions including **Velammal Group** and **Rushi Academy**, with a track record of integrating **academic coaching with life skills, soft skills, and emotional support**. Participated in **Indo-German research** on comorbid conditions. Skilled in creating inclusive, empowering classroom environments that develop cognitive strength, confidence, and creativity in learners.

Teaching Experience

Current Position: *Pithapur Raja's Govt. College Degree College, Kakinada*

Lecturer in Microbiology

DOJ: July 2025 to till date

Brain Box, Hyderabad, Telangana (2021 to 2024)

Freelancer: Teaching Biology for CBSE IX, X and +1 & +2 students

Making Teaching Videos for the NEET & Foundation concepts

Rushi Academy, Hyderabad, Telangana (2020 to June, 2021)

Roles and Responsibilities:

Teaching Biology for CBSE +1 & +2 students (online and offline)

Conducting revision sessions, exams and mock tests

Biology NEET faculty at Bharathi Vidhavalaya CBSE Hr. Sec School, Gobichettipalayam, Tamilnadu (2018 to 2020)

Roles and Responsibilities:

Teaching Biology for CBSE +1 & +2 students, Conducting weekly objective tests, Analyzing test results and Conducting mock tests based on previous year NEET papers pattern by keeping in mind the weightage of each chapter.

Additional contributions to the management system:

- Introduced online classes and trained all teachers.
- Designed new strategies for teaching academic courses and NEET Biology.
- Prepared curriculum plan for both CBSE and NEET programs (Biology).

Additional contributions to the student welfare:

- Provided individual study plans for students by assessing their confidence, interests and performance.
- Created special programs and gave opportunity for students to get exposure to presentations and seminars
- Introduced many mnemonics in order to help students in remembering tough concepts.
- Introduced a four-phase revision system.
- Did career counselling to help students in choosing their career paths.
- Helped students in developing self-awareness by introducing several activities and by providing safe space for them to talk.
- Worked on several student issues like abuse, bullying, perfectionism and procrastination by creating awareness among students. In that process, formed a support group called Phoenix that fights against bullying.

Research scholar and Teaching assistant at University of Hyderabad, Dept. of plant sciences, Hyderabad, India (2014 -2018) Roles involves teaching & guiding lab practices for post graduate students.

Medical Foundation Faculty (Biology) at Velammal group of Institutions, Panchetti, Tamilnadu, India. (2011 –2014)

Roles and Responsibilities:

- Teaching biology and handling a wide range of syllabus from ICSE, CBSE (NCERT and other publishers) AP Academy and Tamilnadu state board.
- Framing syllabus

- Preparing students to various National Olympiads. (60+ selections in various National Olympiad examination during teaching tenure.)

Research Experience ---

IGSTC Project fellow, Research Scholar and Teaching assistant at University of Hyderabad, Hyderabad, India. (2014 to 2018)

Project Title - Development, characterization and validation of nanoparticles for the adsorption of uremic toxins in renal failure patients

Supervisor – Dr Sarada D Tetali

Roles and Responsibilities:

- Extraction and purification of the compounds from *Boswellia serrata.L* (2010 to 2011) and *Vernonia* (2014 to 2017) for testing their antimicrobial activities, cell cytotoxicity, anti-oxidant, anti-inflammatory and anti-thrombotic activities.

Techniques learned

- Analytical techniques such as NMR, LC-MS, GC-MS and Data analysis. Protein marker analysis by FACS (Fluorescence-activated cell sorting; flow cytometry).
- Immunotechniques includes ELISA, and gene expression level studies includes RT-PCR.
- Handling of cell culture (Human cell line *i.e*, Monocyte (THP-1))
- Handling and maintenance of equipment.
- Data sorting and analysis by using software.
- Management of budget and communicating with the funding bodies like IGSTC, ICMR, CSIR, etc.

Counselling and Psychology experience ---

Life coach at Manastva.com : a Voluntary organization, Hyderabad (2021 – Present)

Internship programs

Intern at NIMHANS (NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES) Bangalore. (Feb 2022)

Online training program titled “Online Training Program in Research in Mental Health and Non-Communicable Diseases” under IMPACT in South Asia, **India and University of York**.

Intern at Mindsolace, (2022 to present)

Building Resilience Training Program – Online

Intern at GVA institute of Psychology, (2021)

Project and internship under supervision of Dr. Goggi Srikanth

Scientific Publications in Life Sciences:

1.

Sarada Devi Tetali, Venkata Ratnam Kamsala and Vamsy Krishna Damiseti., 2016, Effect of Domestic Processing on Antioxidant Potential of Aqueous Extracts of Fresh and Dry Leaves of *Boerhaavia diffusa L.*, Science Spectrum (Journal of Andhra Pradesh Akademi of Sciences) Vol. 1 (1) 59-75, ISSN 2455-5053

2.

Patent with Govt. of India



Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202041034140	TEMP/E-1/37985/2020-CHE	1920	25901	FORM 1	A PROCESS OF PREPARATION OF NOVEL GROWTH MEDIUM FOR EFFECTIVE DEVELOPMENT OF IN VITRO SEEDLINGS, PLA

3. A STUDY OF RELATIONSHIP BETWEEN FAMILY DISTRESS AND RELIGIOUS INVOLVEMENT OF INDIANS DURING COVID 19 CRISIS PERIOD.

4. Papers under scrutiny and presented in National seminars:

- LIVE-IN RELATIONSHIP: A COMPREHENSIVE LEGISLATION
- EXPLORING THE JURIDICAL FRAMEWORK OF ELECTORAL REFORMS IN INDIA: A COMPREHENSIVE STUDY

Educational Background

M.A. Psychology (2017)

IGSTC Project fellow, Junior Research Fellow and Research Scholar, University of Hyderabad (2014 to 2018)

M.Sc., Molecular Microbiology (1st Class), University of Hyderabad (2011)

PGD Tissue Culture Technology (1st Class), P.R.Govt Degree College/Andhra University (2009)

B.Sc Microbiology (1st Class), P.R.Govt Degree College/Andhra University (2009)

Higher secondary (1st Class) in Biology, Physics and Chemistry, Aditya Junior College (2006)

High school (1st Class), Natural & Physical sciences. Aditya Public School (2004)

Conferences Attended

Participations

- Plant sciences Departmental Colloquium, University of Hyderabad (UOH), Hyderabad (2014, 2017)
- XXXIII all India cell biology conference & International workshop on cell cycle regulation, University of Hyderabad (UOH), Hyderabad. (2009)

Presentations

- Abstract submission for Poster Presentation, German Society of Clinical Microcirculation and Hemorheology (DGKMH), Mainz, Germany. (2016)
- Poster presentation, BIOQUEST, University of Hyderabad (UOH), Hyderabad (2011, 2015)
- Oral presentation on the theme "the Survival and Pharmaceutical applications of Microbes by using microgravity", (A Review), AP-SCIENCE CONGRESS, University of Hyderabad (UOH), (2013)
- Poster Presentation, National Seminar on Water and Health (NSWAH), Kakinada-1. (2008)

Honors and Awards

- Selected in young Teacher category for THE 5th NOBEL SCIENCE CONCLAVE held at IIIT-ALLAHABAD. (2012)

Interests and Passions

- I work on my self-awareness. I believe that it's very important for any individual to be in touch with self to be authentic.
- I'm an EdTech Educator and I love making videos that are useful to Biology students. I also love blogging in the area of psychology & medicine.
- I love singing, playing music instruments, painting and writing poetry.
- I like travelling, meeting new people and socializing. Spending time in nature and living in different kinds of environments helps me in exploring myself and learning new things from people.

Personal Information

Date of Birth	:	1 st JUNE 1987
Nationality	:	Indian
Marital status	:	Married
Father name	:	Markandeyulu Damiseti
Languages	:	Telugu, English, Tamil

Address:

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