
DAMISETTI V V N VAMSY KRISHNA

(M) 070750 06205

(E) contactvamsykrishna@gmail.com

Skype Id: vvnvamsykrishnad

C/o J Nirmala, 5-9-240/20/A, Shaili Gardens,

Yapral, Sainikpuri Secunderabad,

Telangana 500087



Summary

I am a curious, innovative, hardworking, organized, reliable and creative person. My passions are teaching and research. I like teaching science and building scientific temper in students. I also like doing research in order to contribute to the society and human kind through new inventions. I completed my post-graduation from University of Hyderabad and worked as a science teacher in Velammal group of Institutions for almost 3 years. Then I got an opportunity to work as junior research fellow in University of Hyderabad under the project of India and Germany research body called IGSTC. After the project tenure also got a patent with Indian govt. I worked as a NEET faculty in Bharathi Vidhyalaya CBSE Sr Sec. School, Rushi Academy and I contributed in several ways towards student welfare.

Research Experience

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

"A PROCESS OF PREPARATION OF NOVEL GROWTH MEDIUM FOR EFFECTIVE DEVELOPMENT OF IN VITRO SEEDLINGS, PLANTLETS AND ROOT OF TERMINALIA TOMENTOSA AND PRODUCT THEREOF"
(2020)

Patent with Govt. of India



IGSTC Project fellow, Ph.D. 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.

Scientific Publications in Life Sciences:

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 Akadami of Sciences) Vol. 1 (1) 59-75, ISSN 2455-5053

Teaching Experience _____

Brain Box, Hyderabad, Telangana (2021 to present)

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 Vidhayalaya 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 programmes 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.

PhD 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.)

Educational Background

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

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

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 a YouTuber 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 : 1st JUNE 1987
Nationality : Indian
Marital status : Married
Father name : Markandeyulu Damiseti
Languages : Telugu, English, Tamil

Place:
Hyderabad, Telangana

Vamsy Krishna D
(DAMISETTI V V N VAMSY KRISHNA)