

VANAMAMALAI SAI PRATHYUSHA

Asst. Professor

G Pulla Reddy College of Pharmacy, Mehdiapatnam, Hyderabad, Telangana-500028

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**OBJECTIVE:**

A dedicated and detail-oriented M.Pharm Pharmacology graduate with strong theoretical knowledge and practical skills in drug action, pharmacokinetics, toxicology, and clinical research. Seeking a responsible position in the pharmaceutical or healthcare sector where I can contribute to drug development, safety evaluation, and therapeutic advancements while continuously enhancing my professional competencies.

**EDUCATION:**

- Master of Pharmacy (Pharmacology), G Pulla Reddy college of Pharmacy, Mehdiapatnam (Aug 2023 – 2025; CGPA: 9.098)
- Bachelor of Pharmacy, Anurag Group of Institutions, Ghatkesar (Aug 2019 – Jun 2023; CGPA: 9.09)
- Intermediate, Sri Chaitanya Jr.College, Khammam (2016-2018; 92%)
- SSC, Gorkey High School, Khammam (2016; 9.5)

**Project:**

- M.Pharm Research Project – Neuroprotective effect of Moringa oleifera ethanolic leaf extract on Rotenone induced Parkinsonism in Rats.
- B.Pharm Project – In-silico evaluation of synergistic potential of cruciferous vegetable components on antioxidant activity via Nrf2 pathway.

**Technical Skills & Laboratory Proficiencies:**

- Pharmacology techniques: Animal Handling, behavioral testing, Cell-culture techniques, Cell line maintenance and Western Blot.
- Lab skills: TLC, UV-vis spectrophotometry, Soxhlet extraction, Phytochemical analysis.
- Software: GraphPad prism, Autodock, Biovia Visualization, MS Word, MS Excel, PowerPoint, Web-HTML.
- Documentation, report preparation, literature review.

**Trainings and Presentations:**

- Industrial training in various departments like Tablets, Capsules, Liquid orals manufacturing, packaging and quality control by Sunrise International Labs.
- Presented a paper in oral in the National Pharmacy Development Conference 2025 (NPDC 2025)
- Presented a paper in oral in the One Day Seminar on “Innovations in Pharmaceutical Research-2023”
- Presented a paper in oral in the 13<sup>th</sup> National Level Conference (2023) on “An Integrated approach to research in Pharmaceutical Sciences in the Current Era”, organized by Geethanjali college of Pharmacy.
- Presented a poster and secured 3<sup>rd</sup> in the One Day Seminar on “Current Practices in Drug Delivery Technology, Quality Assurance and Regulatory affairs in Pharmaceutical Industry”, organized by Chilkur Balaji college of Pharmacy.
- Presented a paper in oral and secured 2<sup>nd</sup> in the National level Techno-Cultural Symposium organized by Anurag University 2023.
- Presented an Expo in the National level Techno-Cultural Symposium organized by Anurag University 2023.
- Presented a poster at the 6<sup>th</sup> National Conference on “Trending Research and Innovations in Pharmaceutical Sciences” 2022, organized by Anurag University.

**Extra-Curricular Activities:**

- Participated in the 79<sup>th</sup> SPSR International Webinar on “Gene Polymorphisms associated with Treatment outcomes of Morphine among Cancer Pain Patients” organized by the Society of Pharmaceutical Sciences and Research (SPSR) in 2025.
- Participated in the 79<sup>th</sup> SPSR International Webinar on “EGCG as an emerging antihypertensive agent” organized by the Society of Pharmaceutical Sciences and Research (SPSR) in 2025.
- Participated in World Pharmacist Day Quiz Competition organized by MedHub Student Community 2025.
- Participated in Role of Nanotechnology in treatment of Breast cancer seminar organized by MedHub Student Community 2025.

- Attended the “30<sup>th</sup> Skill Development Programme on Pharmacovigilance” organized by National Coordination Centre, Pharmacovigilance Programme of India 2024.
- Participated in the webinar entitled, “In-silico Tests used in Drug Discovery and Development” held on Aug 2024 by Aditya college of Pharmacy.
- Participated in the webinar entitled, “Strategies and Challenges of Drug Repurposing” held on Apr 2025 by Aditya college of Pharmacy
- Organized DAKSHA event as a part of event co-ordinator organized by Anurag University.
- Secured winner up position in Pharma Quiz in 60<sup>th</sup> National Pharmacy Week organized by Anurag University.
- Participated in Certification course on Skills that Everyone should Master.
- Participated in workshop on CADD (Hands-on-training).
- Attended a workshop on Clinical Research and data management

**Interpersonal Skills:** Communication skills, Presentation skills, Leadership, Teamwork.

#### **Experience:**

- Working as Assistant Professor in G Pulla Reddy College of Pharmacy from 3<sup>rd</sup> August 2026.
- Worked as Project Intern in Birla Institute of Technological Sciences, Pilani, Hyderabad from 1<sup>st</sup> December 2025 – 1<sup>st</sup> July 2026.

**Academic achievements:** University Topper in Graduation – 2023, Anurag University, Ghatkesar; Gold Medalist in Post Graduation – 2025, G Pulla Reddy College of Pharmacy (OU), Mehdiapatnam.

#### **Publications:**

- S. Apoorva 1\*, B. Veeresh 2, **Sai Prathyusha Vanamamalai 2**, Likitha M 2, Santhosh Rao Salagondla 2 and Naveen Pathakala 3 “**CADD studies on evaluation of cruciferous vegetable components on antioxidant activity via Nrf2 pathway**”. International Journal of Science and Research Archive, 2025, 15(10), 1417-1425.
- Dr Veeresh. B 1, Santhosh Rao Salagondla 2, Likhita M 2, **Sai Prathyusha Vanamamalai 2**, “**In-silico evaluation of neuroprotective action of Phytoestrogen molecules on estrogen alpha receptors**”. International Journal of Pharmaceutical Science Innovation Volume 14 Issue 31 May-June, 2025 IPP 117-129.

**Declaration:**

I hereby declare that all the above written particulars are true to the best of my knowledge.

Place: Hyderabad

Date:

V. Sai Prathyusha