

Faculty Profile



Full Name: S D Vachala

Designation: Professor

Department: Department of Pharmaceutical Chemistry

Institution: Mallige College of Pharmacy, Bengaluru-90.

Email ID:sdvachala@gmail.com

Highest Qualification: PhD

Total Experience (Years): 20

Pharmacy Council Reg. No.: 8727A1

Professional Memberships:

- APTI-KA/LM-792
- IPA-KTK/PEEN/LM/1145
- Association of community pharmacists of India – KA/LM/053
- Society of Pharmaceutical Education and Research – SPER/LM/KA/064

Research Areas of Interest:

- Molecular modeling and docking studies.
- Medicinal Chemistry.
- Green Chemistry – microwave irradiated chemical synthesis.
- *In vitro* and *In vivo* studies on Anti-inflammatory and anticancer activities.

Total No. of Publications: 30

Total No. of Presentations: 21

No. of Projects Guided: 10

Patents: 01

Grants: 04

Role as Resource Person: 06

Awards & Honours:

- a. **Best result oriented teacher award 2023-RRCP**
- b. **Best Innovative Teacher award 2024-RRCP**
- c. **2nd prize in E-conference conducted by MS Ramaiah University, Bengaluru, 28th July 2023.**
- d. **Oral presentation- 1st Prize:** 24th Indo-US international conference on Worldwide trends and challenges in Herbal and Pharmaceutical Technology, Mallige college of pharmacy, Chikkabanavara, Bengaluru-90. 04 / 04/ 2023.

- e. **Best oral presentation award** received in ‘International conference on Diabetes mellitus-Cancer’ (Dia-Can’2012) 14-16th December 2012. Chidambaram, Tamil Nadu.
- f. **Second best poster award: 64th IPC 7th-9th December 2012**, SRM University, Tamil Nadu.
- g. **M.Pharm: Best outgoing student award 2006**
- h. **GATE qualified-2004**

Any other:

Expertise in Technical / Software Skills/Key Skills

- Experience in handling of Project likes, MVD, scifinder, Autodock Vina, chemdraw, chemsketch, coral draw.
- Design and synthesis of new chemical entities.
- Structural evaluation by ¹H-NMR, ¹³C-NMR, Mass spectroscopy, IR and UV-spectral analysis.
- *In vitro* and *in vivo* studies of compounds.