



An analytical Pharmaceutical Technology with a passion for research and development combined with a strong academic background in biotechnology, pharmaceutical science, and medical sciences. Devoted to academic research, and experienced in leading several academic research projects. Reliable team member with a personable nature and positive communication style maintain professional boundaries while building lasting relationships. Committed to continuous learning and professional development with a genuine interest in pharmaceutical research

## SREEDEVI THUVANA

### Contact Details

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### SKILL SET

- Applied Research
- Critical Thinking
- Problem solving
- Academic Research Partnerships
- Cross-Functional Collaboration
- Strategic Project Management
- Pharmaceutical Operations
- Data Management
- Clinical Applications
- Process Implementation

### EXTRAMURAL ARRANGEMENTS

- Organized free medical camp – BT 4 THE PEOPLE.
- Organized of International Symposium Biovision.
- School captain representing upper primary section.
- School Group leader representing 'Ashoka' group.
- Participated in group discussions conducted at the college

### PERSONAL DETAILS

- DOB: Nov 19, 1987
- Linguistic Abilities: English, Malayalam, Hindi, and Tamil

### EDUCATION

**Master of Technology (M.Tech.) in Pharmaceutical Technology**, (2012), Sastra University, Thanjavur, Tamil Nadu, India with CGPA 8.0635

**Core Subjects:** Principles of Pharmaceutical Technology, Advanced Pharmaceutical Chemistry, Pharmaceutical Pre-Formulations, Pharmaceutical Dosage Forms, Analytical Techniques, Pharmaceutical Separation Process, Pharmacokinetics & Pharmacodynamics, Pharmaceutical Packaging Technology, Pharmaceutical Process Validation, Product Quality Management, Conceptual Design of Pharmaceutical Process, Process Equipment Design, Regulatory Affairs in Pharmaceutical Industry, Drug Delivery Systems, Basic Bioinformatics

**Project:** Evaluation of Compatibility and Suitability of Emu egg Lecithin as a Carrier for Topical Delivery- Organogel

**Bachelor of Technology (B.Tech.) in Biotechnology Engineering**, (2010), Sahrdaya College of Engineering & Technology, Kerala, Calicut University with 70%

**Core Subjects:** Immunology and Immunotechnology, Bioethics and Intellectual Property Rights, Metabolic Engineering, Hazardous Waste Management, Biopharmaceutical Technology, Immunology, and Genetic Engineering Practical

- Project 1:** Design of MFC (Microbial Fuel Cell) for harvesting electricity from wastewater using membrane technology
- Project 2:** Extraction of antioxidant, Astaxanthin from shrimp and crab waste

### PUBLICATIONS

- An Emerging Era in Topical Delivery: Organogels, International Journal of Drug Development and Research (IJDDR- 12-545), Sreedevi.T, VedhaHari BN, Ramya Devi D.
- Isolation and Characterization of Lecithin from Emu Egg as a Novel Pharmaceutical Excipient, Rasayan Journal of Chemistry (RJC-950), Sreedevi.T, VedhaHari B N, Ramya Devi D

### SEMINARS ATTENDED

- International Symposium: Biovision 09 on Marine Biotechnology at Trichur.
- National seminar on Post-harvest technology and Horticulture at KAU, Mannuthy.
- International Symposium: Biovision 08 on Industrial biotechnology at Trichur.
- International Symposium: Biovision 07 on Bioengineering for Environmental Management at Trichur.
- NCNPR 2011 (National Conference on Natural Product Research) at Coimbatore, Tamilnadu
- Indian Pharmaceutical Congress, 2012 at Bengaluru, Karnataka.
- Participated in industrial visits to various pharmaceutical companies like Glenmark, Lupin, Cadila Healthcare.
- Sanofi Chemicals, UPL, Vihitha Chemicals, etc in the year 2013-14.

### SEMINARS ATTENDED

- Member of National Service Scheme
- Member of ISTE (Indian Society for Technical Education)
- Member of AFSTI (Association of Food Science and Technology India)
- Group leader for the group in college (2006-07)

## WORK HISTORY

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**Shroff S.R. Institute of Chemical Technology**, Ankleshwar, Gujarat, India  
Assistant Professor Department of Pharmaceutical Technology

Nov 2013- Nov 2014

**Cochin University of Science & Technology**, Kerala, India  
Guest Lecturer Department of Biotechnology

Jul 2013- Oct 2013

### Roles and Responsibilities

- Imparted education covering professional development assessed students and conducted staff meetings.
- Managed classroom coverage of assigned subjects as per academic curriculum to students.
- Collaborated with teacher fellow on lesson plans and performed administrative tasks viz. recording attendance, managing student portfolios, and providing individual assistance to the students.
- Significantly enhanced classroom learning environment and acted as a facilitator to promote student leadership in initiating and creating positive learning opportunities
- Received consistently glowing evaluations from students and supervising administrators
- Devised lessons to capture the students' imaginations infusing much-needed enthusiasm
- Explored and implemented new teaching techniques and performed as a counselor to the students, advising them for their professional and personal developments while resolving and counseling them on their grievances and issues
- Discussed and implemented syllabus, commensurate with the standard and the Council, prepared exam schedule, analyzed syllabus, and contents of the subjects.

References Available On Request