PAVANA B.G.

M.Tech Biotechnology | Phone: 9080725040 | Email: bgpavana16@gmail.com

CAREER OBJECTIVE

A highly motivated fresher, always eager to learn and equipped with various technical skills and knowledge. Seeking an opportunity to develop professionally and contribute to a company's growth through active participation and involvement.

EDUCATIONAL QUALIFICATION

M.Tech. in Biotechnology (2024 - 2026)
Prathyusha Engineering College - Tiruvallur
CGPA: 8.51

B.Tech. in Biotechnology (2020 - 2024)
Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College - Chennai
CGPA: 8.68

HSC (2019)
Bharathi Matriculation Higher Secondary School - Chennai
Percentage: 86.2%

SSLC (2017)
Bharathi Matriculation Higher Secondary School – Chennai
Percentage: 96.2%

TECHNICAL PROJECTS

- **Development and In Vitro Evaluation of Sodium Alginate-Xanthan gum composite Biofilms for Wound Healing Applications** (2026)
- **Characterization and Bioactivity Assessment of Mangrove Extract Doped with Sodium Alginate Nanoparticles: Anti-inflammatory, antioxidant, antimicrobial and cytotoxicity studies on lung cancer** (2024).

PAPER PRESENTATIONS

- Enhance the Xanthan gum production from *Xanthomonas campestris* (MGMARI 2025)
- Future perspective on cytotoxic activity of combined mangrove extract mixture (BSSF: RIS-2025)
- Biodiesel production from *Pongamia pinnata* using calcium catalyst from Oyster shell (VTHT 2023)
- Synthesis of copper oxide nanoparticles from almond gum (SVCE 2022)

INTERNSHIPS & TRAINING

- **SMS Labs Services Private Limited:** Gained hands-on experience in a testing laboratory, specifically within the food parameter department.

- **Essvee Hospital:** Trained in clinical laboratory procedures including Biochemistry and Hematology testing.
- **Deepam Hospital:** Completed clinical research training in Tambaram, Chennai.

TECHNICAL SKILLS

- **Lab Techniques:** Culture plating, streaking, chromatography, and electrophoresis.
- **Instrumentation:** Basic GCMS and safe handling of laboratory equipment.
- **Clinical:** Basic clinical diagnosis and diagnostic procedures.
- **Documentation:** Review paper writing and technical reporting.

CERTIFICATIONS & WORKSHOPS

- **NPTEL:** Introduction to Professional Scientific Communication, Patent Drafting for Beginners, and Human Molecular Genetics.
- **Workshops:** MATLAB (Alagappa College of Technology) and 3D Printing (RIT).

SOFT SKILLS

- Emotional Intelligence & Patience
- Teamwork & Social Adaptivity
- Decision Making & Punctuality

PERSONAL DETAILS

Date of Birth: 16-10-2002

Languages Known: English, Kannada, Tamil

Address: No. 501, 5th floor, GY Residency, Near Muthyalamma Temple, Hebbagodi, Bangalore- 560099.