



## Manjunath Solapur

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**Summary:** "Highly accomplished Formulation Scientist with 15+ years of experience in the pharmaceutical and nutraceutical industries, specializing in softgel, tablets and gummies formulation development. Proven track record of successfully developing and commercializing softgel products, utilizing expertise in lipid-based formulations, acid base neutralization, process optimization, and regulatory compliance. Seeking to leverage expertise at Geltec Pvt Ltd, SPI Pharma to drive innovation and contribute to the development of advanced softgel delivery systems."

### **Work Experiences:**

**Senior Research Scientist** | Pharma Research SPI Pharma IDC, Bangalore, INDIA | May 2015 – April 2025

- Designed and executed soft-gel capsule formulation strategies for products, focusing on improved bioavailability, plasticizer application and product stability.
- Explored and evaluated excipients for soft-gel fill, shell, and tablet formulation, conducting compatibility studies to optimize formulation performance.
- Formulated hydrophilic, lipophilic, oil-based suspension, and SNEDDS-based fill systems for soft-gel product development, resulting in successful developing product.
- Optimized soft-gel encapsulation process, reducing production time and material costs.
- Visiting customer for sales support with technical key benefits about excipients.
- Successfully addressed customer queries and provided precursor formulation strategies or solution to facilitate product development trials, leading to increased client satisfaction."

**Senior Executive R&D** | Geltec (BANNER PHARMACAPS) Pvt Ltd., Bangalore, INDIA |

December 2009 - May 2015

- Formulate solid unit dosage products (Soft-gel, tablet, powder) in accordance with customer specifications.
- Manufacture pilot batches, troubleshoot production challenges related to formulation and ensure formulations run flawless on production scale.
- Ensure product formulations comply with product label claims and customer specifications.
- Develop FDA-compliant supplement facts and nutrition facts labels from the product formula.
- Developed hydrophilic, lipophilic, and suspension-based Soft-gels. New gel masses with different colors.
- Developing technique to reduce gel mass raw material consumption and improve production rate with compliance.
- Source and evaluate new raw materials required for the new formulation and reformulation.
- Generated formulation and bulk-cost quotes for new formulas for customers.
- Generate master batch records and other necessary documents for production batches.



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- Communicated with customer regarding their order of new products. Contributed in vegetable gel development and manufacturing process.

### **Key Skills:**

- **Formulation Development:** Soft-gel Formulation, Lipid-based Formulations, Hydrophilic Formulations, Oil-based Formulations, Suspension Formulations, SNEDDS, ODT Soft-gel, Chewable Gel, Excipient Compatibility Studies, Flavor Development.
- **Process Development & Manufacturing:** Process Optimization, Scale-up, Technology Transfer, Pilot Batch Manufacturing, Production Troubleshooting, Encapsulation Process, Drying Process
- **Analytical & Quality:** Raw Material Evaluation, Stability Testing (ICH Guidelines), Dissolution Testing, Product Label Development (FDA Compliant), GMP, SOP, Quality Control
- **Regulatory:** FDA Regulations, Regional/Global-GRA Regulations
- **Software & Tools:** Microsoft Office Suite
- **Soft Skills:** Cross-functional Team Collaboration, Communication, Problem-solving, Project Management, Time Management, Technical Writing"

### **Worked on Specific Projects:**

#### **Soft Gelatin Capsule (Soft-gel)**

- **Formulation Development: Hydrophilic fill systems** Ibuprofen, Diphenhydramine HCl Soft-gel
- **Self-Emulsifying:** COQ-10 SNEDDS, Loperamide HCl soft-gels
- **Nutritional and Lipophilic systems:** Multivitamin and multimineral and herbal extract soft-gels.

#### **Tablets**

- **Tablets:** Montelukast Sodium ODT concept development. Ibuprofen chewable tablets development.

**Chewable Gel/ Gummies:** Calcium Carbonate Vegetarian and gelatin-based gummies, Cetirizine HCl gummies,

**Equipment / Machine Exposer:** Technophar, Bochang softgel machine. Pacific tablet compression machine

### **Education:**

Bachelor of Pharmacy JSS College of Pharmacy, Mysore, Karnataka, India 2002 - 2006

Master of Pharmacy in Pharmaceutics National College of Pharmacy, Shivamogga, Karnataka, India 2007 – 2009

### **Languages:**

Kannada, English, Hindi

### **Reference:**

Rakesh Modi Team Leader SPI Pharma IDC +91 9741088307

Sarvesh Research Scientist SPI Pharma IDC + 91 9591314372