

# Rupali Dandekar

📍 Dahisar

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☎ 9029787969

## Profile

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Experienced “Formulation Scientist” offering product development skill of novel delivery systems. Total 6+ years of experience in product development, technical operations, transfer/commercialization and manufacturing, regulatory.

## Skills

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- New product development
- Bases of personal and home care product
- formulation development using microencapsulation techniques
- Existing product reformulation
- Flavor and fragrance formulation
- R&D bench/pilot/feasibility trials
- Technical transfer/ commercialization
- Quality, SOP, PFD, BMR
- R&D lab and production equipment handling
- Odor evaluation
- Identify and develop vendor base for Raw material ordering
- Excellent written/verbal communication
- Product questionnaire filling
- Preparation of technical data sheets
- knowledge on REACH registration

## Professional Experience

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2018/11 – 2023/01  
Andheri

### **Oriental Aromatics Ltd**

*Research associate*

- **Research associate in Formulation development** : Responsible for all key points of new product introduction such as Literature using different search engine, planning, development, Design of experiments, Validations.
- Experience in writing technical and scientific reports like SOP, Batch manufacturing record, Process flow diagram, certificate of analysis.
- New product development as well as reformulation of old formulations within specification , timeline and in accordance with customer specification.
- Identify and develop vendor base for purchasing of raw material for project cost reduction, evaluation, and regulatory compliance.
- Hands-on experience on Spray dryer, extrusion-spheronization, fluid bed coater, high pressure homogenizer, granulation.
- Fragrance and flavor formulation development using microencapsulation development and application.
- In-process and finished product sampling for physical, analytical and stability testing of fragrance formulations.
- Malodor formulations and evaluation of fragrance counteracting properties.
- Experienced in fragrance performance evaluation and formulations of Home care and personal care bases
- Carry out formulation/process development activities as well coordination with manufacturing organizations for technology transfer.
- Independently manage product innovation and process and cost reducing processes.
- Report directly to chief R&D Head.
- Working closely with other R&D sites and technical support teams to solve challenging technical problems for customers.

- Handled team of two.
- **Regulatory** : Preparation of technical data sheets, and specifications
- Preparation of GHS and CLP SDS and Label
- Filling up customer's product related Questionnaires
- Conduct internal Audit for ISO certification at various locations
- Basic knowledge of REACH registration of products in Europe

2017/03 – 2018/10  
Andheri

#### **Roha Dyechem Pvt Ltd**

*Research associate- Formulation development*

- Utilized and set-up balances, hardness tester, moisture analyzer and other related laboratory equipment.
- Performed in-process and finished product sampling for physical, analytical and stability testing of Nutraceutical / Natural color Formulations.
- Proactively developed and maintained state-of-the-art knowledge in pharmaceutical and analytical sciences related to drug / Nutra /Color development.
- Worked on different types of formulation of Curcumin, Beta-carotene, Palm carotene, Annatto, Capsicum oleoresin, Paprika.
- Implemented techniques for formulation development such as coacervation, particle size reduction, granulation, compression, spheronization, extrusion, spray drying, lyophilization, beadlets formation, emulsification, high pressure homogenization.
- To create presentations related to work regarding completion of projects on monthly basis. To do market research on competitor's product.
- Experience in technology transfer of lab trials to the production.

### **STRENGTHS**

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- Good analytical, interpersonal, Presentation and problem-solving skills.
- Good with Microsoft Excel, PowerPoint and Microsoft word.
- Persistent ability to work well and deliver in fast paced environment.
- An excellent team player and works well independently.
- Capable of working effectively under pressure.

### **Education**

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2014 – 2016	<b>Master's in Pharmacy (Pharmaceutics)</b> <i>Bombay College of Pharmacy, Kalina</i>
2014	<b>Bachelor's in Pharmacy</b> <i>Mumbai educational trust (MET), Bandra</i>

### **Languages**

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- Marathi, English, Hindi