

## CURRICULUM VITAE



### **Dilip Khanderao Patil**

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Seeking assignments in the areas of **Research & Development** with an organization of repute Industry

Preference: **Coating**

Location preference: Anywhere in India

### **Profile Summary**

- A competent professional with **12 years of experience in Auto refinish and Industrial paint in Research & Development**, Project Execution, Quality Management, Process Enhancement in Paint Industry
- 1-year experience in chemical field as Chemist for preparation of Aroma products and Pesticides synthesis
- Expertise in handling the complete operations in production, research and QA entailing planning, resource utilization etc
- Wrote review papers in IPA (Indian Paint Association) competition and published in Paint India.
- An effective communicator with strong people management, coordination, planning, analytical and problem-solving abilities
- Competency in devising significant solutions, and implementing safety management systems for maintaining sound environmental and safety conditions

### **Core Competencies**

- New product development
- Shade (Colour) matching
- Production Support
- Cost Reduction
- Data Compiling and analysis
- Project management and planning
- Experienced in audit preparation and face.

## Employment Details

1. Feb'2009 – till date: **Asian Paints Ltd R & T Centre**, Navi Mumbai.

Joined as Researcher level-I and promoted in 2012 as Researcher level-II. Then in 2017 promoted as Senior Researcher

Recent Position-**Senior Researcher**

### A) Design and Development of Paint Formulations in Auto-refinish segment

- Working on most Economical and Valuable product in Refinish category in alkyd segment.
- Cost reduction and Value engineering in existing product as well as new product
- Standardization of products at various manufacturing machines without hampering product quality.
- Developed and launched (2012) Metallic tinting system in Alkyd system
- New shades development in solids and metallic shades in existing products
- Developed and launched (2016)1K Primer in economy category
- Developed and Launched (2011) Alkyd PU product for commercial transport (CT)
- Worked on Premium product category i.e., in Acrylic PU system
- Development of Acrylic Clear coat system for retail market.
- Developed and launched (2011) Economical Red oxide primer in alkyd category.
- Worked on project of conversion of lead/chrome free coatings

### B) Design and Development of Paint Formulation in Light Industrial Segment

- Supporting marketing team for product testing, standardization and promotion
- Developed DTM product for agricultural industry in QD category (Bery Udyog)
- Developed and commercialized different product portfolio with different industrial customers like Tata Tippers (Lucknow and Jamshedpur), Zamil steel (Pune), Bery Udyog (Karnal) and Tirth Agro industry (Ahmedabad), KSB pump (Pune) and many more small players.

### C) Additional Learning

- Experienced in ISO and **OHSAS** audit
- Work as **Safety representative** from our group for continual improvement in OHSAS policy
- Understanding of SAP operations and use in daily basis
- Knowledge of Optiva system for complete release of formulation to plant with approval of different stages

### D) Awards and achievements

- Published Feb 2018 review paper in Paint India magazine on topic "Synthesis, properties & applications of Polyaniline especially in surface coatings".
- Received II prize in review category award in IPA 18-19 for the topic of "An overview of Titanium Dioxide Optimization in surface coating"
- Received on spot recognition award (OTSR) in 2014 for development and successfully standardization of QD Primers and QD Topcoats at Industrial customer
- Received first rank (62.80%) in Diploma course IPA conducted by, The color society Matunga

2. June 2008 to Jan 2009 (7 months) at **Hindustan Polyamides and fibers Ltd Rabale, Navi Mumbai as “Chemist”**

- Synthesis of Aroma intermediates
- Testing of each reaction product by GC, IR, HPLC techniques

3. June 2007 to Dec 2007 (6 months) at **Sabero Organics Ltd Sarigam, Gujrath as “Chemist”**

- Synthesis of Agrochemicals and Pesticides
- Testing's of intermediate reaction product

## Education

2011	Diploma in paint from Indian Paint Association (IPA) from ICT, Mumbai with 62.80%
2007	M.Sc. Organic Chemistry from North Maharashtra University Jalgaon 75.30 %
2005	B. Sc.in Chemistry from North Maharashtra University Jalgaon 77.92 %
2002	HSC - Nasik Board with 60 %
2000	SSC – Nasik Board with 76.13%

## Personal Details

Date of Birth: 20-10-1983  
Languages Known: English, Hindi and Marathi  
Nationality: Indian  
Marital Status: Married  
Passport Number: R1560322

Regards  
Dilip Patil

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