

CURRICULUM VITAE

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Career objective

Excelling in designing Premium & Economy Wood & Automotive coatings, specialized in developing "Value for Money" products based out of exhaustive Market mapping & culture both for B2B & B2C businesses. Aiming at employing my acquired knowledge & skills to the fullest to prosper in a reputed esteemed organization, trying to get their business on a roll, generating effective demand & converting business from competition with breakthrough innovations.

Areas of interest

Paints & Coating, Adhesive, Application Research & Polymer Technology.

Total Work Experience 14 Years+

1. Currently working at Kapci Coatings India Pvt Ltd Bangalore as Head R&D from Dec 2018 to till date.

R&D operations management and projects execution.

- Responsible for new product development for Auto Refinish & Wood Coatings.
- New color development management and execution for Auto Refinish.
- Technical support for Auto Refinish & Wood Coatings customers.
- Localization of auto Refinish and Wood Coatings products.
- Repacking of Auto refinish and wood coating products.
- Technical contents finalization for packaging Art work.
- Vendor development for raw materials and equipment.

Projects Delivered:

- 2K Polyurethane clear for Automotive segment
- 2K Acrylic Paint for Automotive
- Polyester Putty for automotive
- Light Weight Body filler
- 2K PU Premium Clear Coat system for wood coating.
- 2K high solid white surfacer.
- Unsaturated Polyester lamination for wood & Marble coatings.
- Acid cure Melamine for wood Coatings

2. Pidilite Industries Ltd as Manager Technical Service Mumbai from May 2015 to Nav 2018 (3 Year 7 Months).

Technical Service for Woodworking Adhesives & Wood Coating Products.

- Product Range: PVAc based adhesive, Contact/Rubber Adhesive, PUR 1K Adhesive, Cyanoacrylate, Epoxy Adhesive, Next Generation Adhesive Based on Neoprene/ Chloroprene water dispersion adhesive, AC Cure Melamine coating, 2K Polyurethane coating. Alkyd Paints.
- Basic Formulation understanding of PVAc, Rubber-based adhesive.
- New products application test in different atmospheric conditions for finalization of products for PAN India.
- New Product design input related to application for new product development.
- New product application finalization & ready for market trials.
- Gathering market insights for Adhesive & wood coating Business.
- Provide Product complaint solutions to the customers.
- Substrate analysis and recommendation of the right product.
- Provide technical training to marketing/sales/carpenter/polisher.
- Maintaining the housekeeping & safety norms of a lab.

Projects Delivered through application research:

- India's first sprayable white glue adhesive for Veneer and Lamination application for the India and UAE market.
- PUR Adhesive for multipurpose application
- Epoxy Adhesive for solid wood bonding application.

3. AkzoNobel, Decorative R&T Mumbai as Technical Officer & Assistant Manager technical From May 2011 to April 2015 (4 years)

- Designing and renovation of 1K Polyurethane, Nitrocellulose, Acid Cure Melamine, 2K Polyurethane, Wood stains. Next generation water-based coatings.
- Extensively worked with Acrylic & Polyurethane dispersion, striking optimized blends to design "Value for Money" products trying to replicate solvent-based product propositions.
- Leveraged Advanced Global Technology with close, coordinated & frequent knowledge exchanged between R&T and global R&T centers at Sassenheim, Netherlands & Slough, U.K.
- Championing in critical Application Techniques, On-Spot trouble shoots.
- Technical planning & execution of performance of wood care products.
- Closely coordinating with the marketing team for reformulation of existing products as per business demand.
- Analyze and plan the formulation design for new products & implementation with all responsibilities.
- Quality tracking of launched products/Raw Materials.
- Test method development for new product attributes.
- Cross functional working with the Global Team for coordinating formulations, design of experiments and prototyping.
- Handle processing related technology and coordinating in the manufacturing sites for preventive actions during the scale-up process.
- Raw Materials Source Development for wood care.
- Providing technical and Application training for sales in overall India.
- Strictly adhering with HSES compliance.

Projects Delivered:

- Benchmarking Global wood care products against local competition and finalizing the products for the Indian market and launching the products into the market.
- Alignment of wood care products for DPP compliance. Melamine Renovation with value creation to upgrade the melamine quality, which helps to increase the sales volume.
- Developed water-based Exterior/Interior coatings, Exterior/Interior wood stains and Fashion color for wood and launched in Market.
- Developed 2K PU range of wood coating and launched on the market.

4. Jubilant Industries Ltd, R&D Noida from July 2009 to April 2011 (1 Year 9 months)

Designation: Research associate

- Formulation and internal customer support for wood coatings products NC, Melamine and stains.
- Internship Project from July 2009 to June 2010. Work was done on suspension/ emulsion polymerization of vinyl acetate in the lab and scale-up the process in the Pilot Plant.
- The major project titled "Process engineering work for the scale-up of polyvinyl acetate polymer by suspension polymerization technique" (Dec. 2009 to June 2010).
- Minor project titled "Suspension polymerization of vinyl acetate and study the effects of ingredients on polymer properties" (July 2009 to Nov. 2009).

Scholastics:

- **M.E. (Master of Engineering) in Polymer Technology**
- Delhi College of Engineering (Delhi University), 2010. Marks obtained 74.5%.
- **M.Sc. (Master of Science) in Polymer Science & Chemical Technology**
- C.C.S University Meerut, U.P. in 2007 with distinction. Marks obtained 75.91%.
- **B.Sc. (Bachelor of Science) with Physics, Chemistry and Math's**
- D.D.U. University, Gorakhpur U.P. in 2005 in second division.

Achievements

- Second position in M. Sc. 2007. C.C.S. University Meerut.
- GATE qualified with all India rank 114 in 2008.

Paper Study in M.E

- Elements of chemical engineering, Petrochemical technology, Synthesis of polymer, Polymer processing, Rubber technology, Analytical techniques, Latex technology, Mould & die design, Fiber technology, Polymer testing & specification, Composite technology and tyer technology.

Training & Seminar

- One-month training in Motherson Advance Polymer Limited, phase II Noida, in July2006. The training was on injection molding of ABS, HIPS, PP for auto and electronic parts.
- One-month training in Uflex Ltd converting division sec 60, Noida, June 2007. The training was on testing of printed films and laminated films for flexible packaging.
- Participated in the India wood Exhibition Bangalore 2012.AkzoNobel India Ltd Exhibitor for wood coating products.

Computer Skills MS-Office Applications (Word/ Excel/ PowerPoint)**Personal details**

Father's Name----- Shri Ram Narayan Yadav

Date of Birth----- 31 March 1985

Marital Status-----Married

Hobbies-----Playing Cricket, Yoga, Interacting with People.

Languages Known ----Hindi and English

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**I hereby acknowledge that all the information in this document is true and accurate to the best of my knowledge.
(Shrikrishna Yadav)**