



Yashodhan Bonde

Phone: +91-7972497075

Address: Lakshmi Vishnu Apt, Katepuram, Pimpale gurav, Pune-411027

Email: yashbonde1@gmail.com

EXPERIENCE

Elantas beck India, Pune.

September 2019 - Present

Research & development trainee

- The company manufactures a wide range of speciality chemicals in the electrical insulation and construction industries.
 - Working on the project which is "Development of high glass transition temperature and thermal shock resistant epoxy composition".
 - Objective of the project is development of product which has high thermal stability better insulation properties and mechanical properties.
 - Synthesis and characterization of Cardanol-based Phenalkamine as curing agent for epoxy network.
 - Synthesis and characterization of Anhydride-Amine Adduct as Hardener for Epoxy resin.
 - Characterization of samples by DSC, TGA, FTIR, Thermal shock Machine (TSM) etc.
 - TDS by thermal properties such as melting point, glass transition temperature. Mechanical properties strength, elongation, Modulus of Elasticity or Tensile Modulus. chemical properties such as chemical resistance as well as physical properties like viscosity by Brookfield viscometer, B4ford cup, cone plate viscometer etc. density by density cup, gel time, pot life of sample.
 - Titration method using for determination Amine Value, Acid value, Epoxy value, Normality.
- Topic Seminar to be Presenting On "Introduction to Ultraviolet and Electron Beam curing"

Ravi industries ltd, Pune.

December 2016 - November 2017

Proposal engineer

- Discuss with customer for any New enquiries, understand the proper application to provide the right Equipment's like Heat exchangers, distillation, reactors, tanks etc.
- Submit the quotation as per design specification to the customer's w.r.t. enquiries given & Continuous follow up for purchase order. Continuous involvement in development activities with new as well as existing Products. Coordination with all concerned departments for smooth & timely execution of project & handling of job related activities.

Garware polyester ltd, Waluj, Aurangabad.

January 2016- June 2016

In plant trainee

The Company has four manufacturing plants for Polyester Film and manufactures Film Thermal Lamination, BOPP, Coated Label.

Project Title- "Study and Characterization of Polyethylene Napthalate (PEN) Polymer chips, Design of Autoclave & Esterification Reactor for Pilot plant".

- Study of synthesis and manufacturing process of PEN Resin, Reaction followed by two step- esterification and Poly condensation polymerization reaction for the prepolymer and high MW polymer formation using esterification reactors & Autoclave reactors respectively.
- Study of Analytical instruments DSC, GC, Particle size Analyzer.
- Design Process Equipment's for pilot plant.

EDUCATION

University Institute of chemical Technology, Jalgaon

August 2018 - June 2020

Masters in Paint Technology

with 6.90(first year CGPA)

Academic subjects:-

Theory of color and architectural coatings

Automotive and Insulation coatings

Instrumental analysis

Corrosion engineering and marine maintenance coating

Waterborne coatings

University Institute of chemical Technology, Jalgaon

June 2012 - June 2016

Bachelor of chemical engineering

with 5.16(CGPA)

K. Narkhede Mahavidyalaya, Bhusawal

2011

HSC

with 60.67%

K. Narkhede Vidyalaya, Bhusawal

2009

SSC

with 65%

SKILLS

MS Office, AutoCAD, Leadership, Management Skills etc.

PERSONAL INFORMATION

Date Of Birth

05/03/1994

Marital status

Unmarried

Hobbies

Trekking, nature photography etc.

languages known

Marathi, Hindi, English

Permanent Address

18, Indraprastha, Near manak bagh, Shanti nagar, Bhusawal-425201

DECLARATION

All Mentioned details are true to best of my knowledge and belief.

Date:-

Yashodhan S Bonde

Place:-