

## BHAGYASHRI SUDHIR SHIMPI

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Chikhali, Pimpri-Chinchwad - 411062



### Objective

To be a part of a work driven environment where I can utilize and apply my knowledge and skills to grow while fulfilling organisational goals and achieve a respectful position.

### Education

University Institute of Chemical Technology, KBC North Maharashtra University, Jalgaon

2021

M. Tech. (Paint Technology)

CGPA 7.95

University Institute of Chemical Technology, KBC North Maharashtra University, Jalgaon

2018

B. Tech. (Plastic Technology)

CGPA 7.5

Maharashtra State Board, Nashik Division

2014

H.Sc.

63%

Maharashtra State Board, Nashik Division

2012

S.Sc.

79.27%

### Experience

National Chemical Laboratory

Jun 2017 - Dec 2017

Project Intern

Studied the effect of melting temperature of carrageenan - (polyvinyl-pyrrolidone) blends.

Jain Irrigation System Ltd.

May 2016 - May 2016

In-Plant Training

Studied regarding compounding and training of extrusion molding in PVC department

### Projects

Rheological Investigation of bio adhesive based on wheat gluten using banana flour as a modifier.

Effect of various mechanical properties on adhesiveness of wheat gluten and banana fibre with their rheological aspects.

Equipment Handling (Characterisation Technique )

Equipment Handling TGA, DSC, FTIR, MFI, HDT, VST, Taber Abrasion, UTM, (Tensile, compression, flexural ), Density testing, Moisture analysis, Impact testing.



### Courses



- Basics of Polymer Rheology and Hands on Training on Rheometer.
- Advance Instrumentation and Characterization Techniques.
- Webinar: What is Expected from Dyes and Pigments for Sustainable Development in 21st Century.
- Bio-Mimetics Organised by ATAL.



### Activities



- Visited to an International Exhibition Plast Vision 2017 held at Mumbai.
- Attended National Level Conference on Recent Advances in Polymer Technology - 2017, 2018 & 2020.
- Co-Ordinated Various College Level Events.



### Skills



- Rheometer Handling (Performed: Tack Test, Rotational Test, Oscillation Test)
- Analytical Equipment Handling (like: GC, HPLC, FTIR, UV-Vis Spectroscopy, TGA, DSC, PSA, MFI, UTM, HDT, VST, Taber Abrasion.)
- Computer Skills (Like: MS Office, ChemDraw, Origin Software)
- Team Player
- Time Management



### Languages



- English
- Hindi
- Marathi



### Declaration



I hereby certify that the particulars given above are true to the best of my knowledge and belief.

Bhagyashri S. Shimpi