

FATHIMA SHAMLY O

Msc Biopolymer Science (CIPET – IPT Kochi)

D.O.B: 30 Sep 1999 | Nationality: Indian | Gender: Female

SUMMARY

A hard worker with a positive attitude and strong background in chemistry and biopolymer science. A team player with excellent communication and interpersonal skills. A quick learner and always eager to take on new challenges.

SKILLS

Laboratory Skills

- Polymer testing
- Polymer processing
- polymer synthesis

Instrumental Skills

- TGA, DSC
- FT-IR, MFI, UTM
- Thermal conductivity analyser
- Brookfield viscometer
- Rota vapor

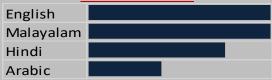
Industrial Skills:

- Injection Moulding
- Compression Moulding
- Blow Moulding
- Twin Screw Extruder
 Two Roll Mill

Software Skills

- MS Office
- Origin
- ChemDraw

LANGUAGE SKILLS



REFERENCE

Dr. Neetha John
(CIPET-IPT Kochi)
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Durga B S

(TUV Rheinland (India) Pvt. Ltd.

Polymer Chemist Phone :+916282732685

E-mail: durga280820@gmail.com

EDUCATION

Qualification	Board / University	Year	% / CGPA
Msc. Biopolymer Science (Post Graduation)	CIPET – IPT , Cochin University of Science & Technology	2023	8.62
Bsc Chemistry (Graduation)	University of Calicut	2021	80.4
HSE	CBSE	2018	80.6
SSLC (Matriculation)	CBSE	2016	95

WORK HISTORY

Jr Polymer Chemist
TUV Rheinland
Bangalore

Instruments and tests handling: DSC, TGA, FTIR, UV-VIS Spectrophotometer, chemical resistance tests, formaldehyde emission, density, Ash content

PROJECTS

(IICT), Hyderbad- M.Sc. Project

Title: Rigid Polyurethane Foams obtained from Biopolyols-Cellulose based polyol and Castor oil based polyol.

Guide: Dr. P. Aruna, Senior Principal Scientist, IICT Hyderabad

Duration:3months **MES Arts & Science College**

Ponnani, Kerala, India

Title: Review on inhibition of mild Steel corrosion in acidic medium by Schiff bases.

Guide: Ms. Anjana N Anil, Guest Lecturer, Department of Chemistry, MES Ponnani College.

INDUSTRIAL VISIT

- Benco Food and Beverages Pvt.Ltd, Ponnani, Kerala.
- GEM Polymers, Kalady, Perumbavoor, Ernakulam.

ACHIEVEMENTS

- Completed Coursera online course on "Introduction to Molecular Spectroscopy" authorized by University of Manchester.
- Completed Coursera online course on "Statistical Molecular Thermodynamics" authorized by University of Minnesota.
- Completed certificate course on 'office automation' (ADD-ON) - UGC aided career oriented programme
- Attended International Plastic exhibition- IPLEX 20.