



FATHIMA SHAMLY O

Msc Biopolymer Science (CIPET – IPT Kochi)

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

+918281221790 | shamlyrazack@gmail.com | PP No. T3437991

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

English	████████████████████
Malayalam	████████████████████
Hindi	██████████████████
Arabic	██████████

REFERENCE

Dr. Neetha John
(CIPET-IPT Kochi)
Associate Professor
Phone :+917567317197
E-mail: neethajob@gmail.com
 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 **July 2023 – Present**
TUV Rheinland **Bangalore**

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

PROJECTS

Duration:6months **CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad- 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.