



NAVYA CLEMENT

CONTACT

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PROFILE

A curious and enthusiastic Msc Polymer Science graduate with 3 months of internship experience and in-depth knowledge and technical skills in the field of polymers seeking a position where I can enhance my skills and interests, and which will also help to outgrow the knowledge in the subject and to work in professional environment where I will get hand-

EDUCATION

POST GRADUATION-MSC POLYMER SCIENCE

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY
UNIVERSITY: CUSAT
2020 - 2022

GRADUATION-BSC CHEMISTRY

MAHARAJAS COLLEGE, ERNAKULAM
UNIVERSITY: MAHATMA GANDHI UNIVERSITY
2017 - 2020
CGPA: 8.02

HSE

VADUTHALA JAMA-ATH HSS, NADVATHNAGAR
BOARD: KERALA STATE BOARD
2015-2017
PERCENTAGE: 90%

SSLC

ST. AUGUSTINE'S HSS, AROOR
BOARD: KERALA STATE BOARD
2015
PERCENTAGE: 95%

SKILLS

- Good communicative skills
- Efficient in going through research articles
- Good at conducting literature survey
- Obedient and optimistic
- Efficient at Lab equipment operations and optimization
- Patient and attentive

TECHNICAL SKILLS

- **Characterization**- UV, TGA, DSC, FTIR
- **Testing**-HDT, VST, MFI, Tear, Impact, Tensile, Flexural
- **Processing**- injection molding, blow molding, compression molding, extrusion

in experience with new laboratory techniques and machineries.

- **Quantitative and Qualitative-** gravimetry, volumetry
- **Other machineries-** Electrospinning, Fusion Deposition Modelling, Ultrasonic Probe Sonicator, Brookfield digital viscometer, X-RD, Twin Screw Extruder, Vacuum Casting

ACHIEVEMENTS

- Completed a 3 months project and internship at Defense Institute of Advanced Technology (DIAT), DRDO, Pune
- Completed a certificate course on plastic processing techniques
- Attended a national conference on changing trends in polymer science and technology
- Communicated one review paper as a part of my internship in an international journal (under review).

LANGUAGES

- Read, Write and Speak: English, Malayalam, Hindi

PROJECT SUMMARY

- Synthesis of Azo Dyes from aliphatic and aromatic amines and aromatic nitro compounds, my means of oxidative and reductive methods (graduation)
- Preparation and testing of thermal and pH responsive shape memory polyurethane film and wrote a thesis on the same (post-graduation).

PERSONAL DETAILS

Date of Birth: 05/10/1998

Father: T A Clement

Mother: Mini Clement

Marital status: Single

Nationality: Indian

REFERENCE

Dr. Neena George -Dept of Chemistry, Maharajas College, Ernakulam

Asst. professor

Ninleo07@gmail.com

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Dr. Balasubramanian K – DIAT, DRDO, Pune

DEAN Academics and HOD Materials and Metallurgical Engineering

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DECLARATION

I hereby declare that above given information is true to my knowledge.