



SAMEERA K.C

Padathu House, Morayur post,

Malappuram-673642, Kerala

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Email: Samiiaaf@gmail.com

Technical knowledge

Uv-Visible spectroscopy

FTIR spectroscopy

Fluorescence emission spectroscopy

Cyclic voltametry

Square wave voltametry

Apt knowledge in using MS word, Power point, and other MS Office programmes, chem. Draw, origin.

Personal Skills

Laboratory skill

Communication skills

Problem solving skill

Leadership and team player

Hardworking, consistent

Personal Details

Date of birth: 31/12/1998

Nationality: Indian

Reference

Abdul Salam Mattath

Head of the dept. of Chemistry

Markaz Arts and Science College,

Athavanad

salamattath@gmail.com

9400581061

Objective

Aiming to join an innovative team of chemicals at a reputable company where I can apply my skillset towards achieving success and also seeking a challenging role in chemical research and development, where I can apply my advanced knowledge of chemistry to contribute to innovative projects aimed at solving complex scientific problems and advancing field.

Education

2021-2023 **M. Sc Chemistry**, University of Calicut, Kerala, India
(CGPA: 3.49/5)

2017-2020 **B. Sc Chemistry**, with physics and mathematics as subsidiary
Subjects, University of Calicut, Kerala, India (CGPA: 4.48/6)

2015-2017 Higher Secondary Level with Physics, Chemistry, Mathematics,
Biology (90%)

2015 Tenth level board exam (93%)

Projects

DEVELOPMENT OF 8-HYDROXYQUINOLINE SUBSTITUTED METALLOPHALOCYANINES

- Done under the guidance of **Dr. Leena R**, at dept. of applied chemistry, **Cochin University of Science and Technology(CUSAT)**
- Synthesis of 8-hydroxyquinoline substituted metallophthalocyanines (ZnPC, CoPC, NiPC) by a two stage process
- Characterized by using uv-vis, FTIR, Fluorescence emission spectroscopy

SYNTHESIS AND CHARACTERISATION OF BIODIESEL FROM VARIOUS PURE AND USED VEGETABLE OILS

Training and Certifications

FUNDAMENTALS OF POLYMER SYNTHESIS AND CHARACTERISATION TECHNIQUES

Attended the training programme organized by **CIPET**, Palakkad. The programme aims to equip participants with the knowledge and skills required to effectively synthesise and characterize polymers for various applications.

Workshops And Seminars

Attended seminars on "Frontiers in Chemical Sciences" from University of Calicut campus , Kerala on march 2022

Attended two day international seminar on "Innovations in Chemical Research", ICR 2023

Explored Regional Chemical Examiners Laboratory, Calicut

Basic fundamental training on chemical instruments from NIT, Calicut