



## MUBASHIRA K M

### CONTACT



#### Address

Muwailah, Sharjah



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### TECHNICAL SKILLS

- Preparing compounds and reagent
- Knowledge of laboratory procedures
- Chemical testing
- Writing technical reports
- Developing and improving products
- Chemical identification

### CAREER OBJECTIVES

A motivated individual looking for opportunities to incorporate my skills and training to help the company grow. I am looking forward to roles that will help me realise my potential by exploring the various aspects of this field.

### EDUCATION

**Master of Science in Chemistry** / 2020 - 2022  
*Kannur University*

First class with distinction OGPA 8.615

**Bachelor of Science in Chemistry** / 2017 - 2020  
*Kannur University*

First class with distinction OGPA 9.2

### PROJECTS

#### PROJECT 1:

Synthesis of Magnesium Oxide nanoparticles by green methods and its application on photocatalytic degradation of dyes. The current study focused on the biogenic synthesis of MgO-NPs in an ecofriendly manner by using different leaves extract in a simple, easy, rapid and cost-effective way.

#### PROJECT 2 :

Adsorption of methylene blue by tamarind fruit shell activated carbon.

We carried out this project to easily remove the dye using a low-cost adsorbent such as tamarind fruit shell activated carbon. From these experiments, it was found that the amount of adsorption increases with increasing amounts of TFSAC, and the adsorption increases with increasing dye concentration. Maximum absorption of dye in TFSAC occurs in neutral medium. From the experimental observation, TFSAC shows high efficiency in absorbing methylene blue.

### PERSONAL INFORMATION

Date of Birth : 30/03/2000

Nationality : India

Visa status : Spouse Visa

Marital status : Married

Language : Malayalam, English