

A Major Project on  
**“Microwave Hydro Thermal Synthesis And Characterization of Ag<sub>2</sub>O  
Nanoparticles with Efficient Anti-Microbial Activity”**



Under the Guidance of  
**Mr. DEEPU H R**  
Guest Faculty.  
M.Tech - Materials Science  
University of Mysore,  
Manasagangotri, Mysore -06

Submitted by  
**RAKSHITH K S**  
Student Reg. No: P01ZZ21S0379  
M.Tech in Material Science  
University of Mysore, Manasagangotri,  
Mysore -06

October - 2023



The University of Mysore

**UNIVERSITY OF MYSORE**

**Department of Materials Science**

Date:12/10/2023

***Certificate***

This is to certify that the major project work titled **"Microwave Hydrothermal Synthesis And Characterization of Ag<sub>2</sub>O Nanoparticles with Efficient Anti-Microbial Activity"** is the bona-fide Major Project work carried out by **RAKSHITH K S** bearing register number : **P01ZZ2180379** student of **M. Tech in Materials Science, University of Mysore**, in fulfillment for the award of the degree of **MASTER OF TECHNOLOGY** in Materials Science.

Signature of Guide

Signature of Examiner

Signature of Co-ordinator