

**S-scheme fabrication of g-C₃N₄/NiV₂O₆
Heterostructure Decorated with Ag nanoparticles for
Photocatalytic degradation of Methylene Blue.**

A minor project submitted to
University of Mysore
in partial fulfillment of the requirement for the degree of

Master of Science

in Physics

by

Vivek Utturkar (PY120310)

Chandan C. Urs (PY120260)

Pooja C. (PY120284)

Project Supervisor

Prof. Lokanath N. K.



Department of Studies in Physics.

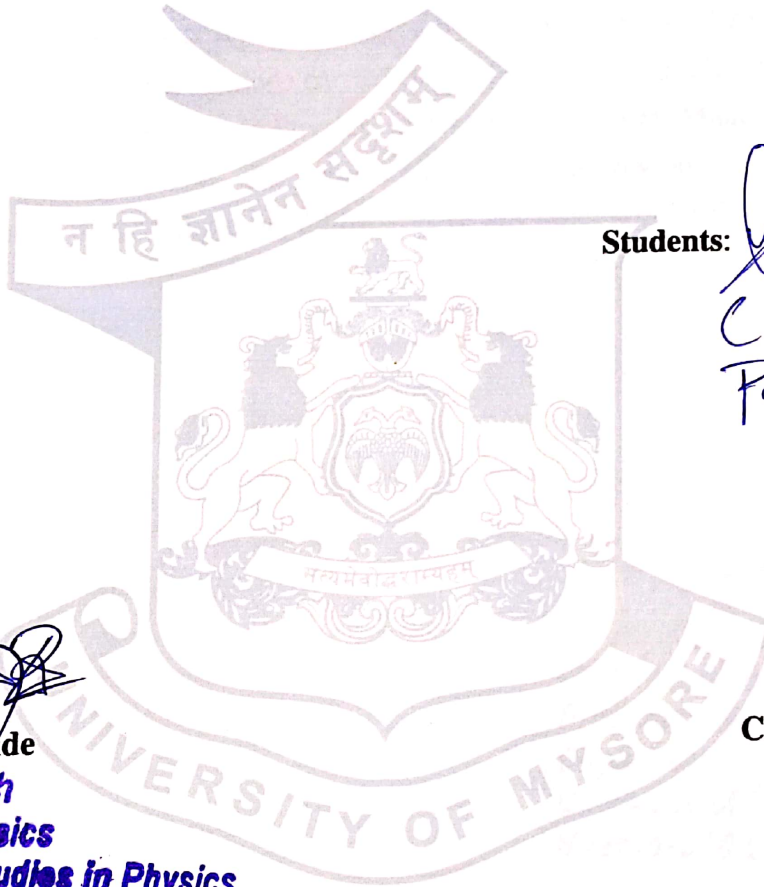
University of Mysore, Manasagangotri, Mysuru - 570 006

2022



DECLARATION

We, Vivek Utturkar, Chandan C. Urs, and Pooja C., hereby declare that the present project report is prepared by us in the fourth semester of the Master's degree in Physics under the guidance of Prof. Lokanath N. K., Department of Studies in Physics, University of Mysore, Manasagangotri, Mysuru. The subject matter has not previously formed the basis for the award of any degree, diploma, fellowship or other similar titles.



Students:

[Signature]
Chandan CDS
Pooja.c

[Signature]
Research Guide

Dr. N.K.Lokanath
Professor of Physics
Department of Studies in Physics
University of Mysore, Manasagangotri
Mysore-570 006, INDIA.

Chairman

Place: Mysuru

Date: 17/8/22