

**SYNTHESIS AND CHARACTERIZATION OF  $\gamma$ - $C_3N_4/TiO_2$   
HETEROSTRUCTURES WITH HIGHLY ENHANCED  
PHOTOCATALYTIC AND THEIR ENVIRONMENTAL  
INTEREST**

**A DISSERTATION REPORT**

Submitted to the University of Mysore in partial fulfilment for the award of degree of

**MASTER OF SCIENCE**

**IN**

**ENVIRONMENTAL SCIENCE**

**BY**

**PREETHI KS**

**(P01ZZ21S0218)**

**UNDER THE GUIDANCE OF**

**Dr. S. SRIKANTASWAMY., Ph.D., FRSC (London),**

**Professor**

**Department of studies in Environmental Science**

**Manasagangothri**

**University of Mysore, Mysore – 570 006**

**AUGUST**

**2023**

# CERTIFICATE

I, PREETHI K.S, (P01ZZ21S0218) certify that the Dissertation work entitled SYNTHESIS AND CHARACTERIZATION OF g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub> HETEROSTRUCTURES WITH HIGHLY ENHANCED PHOTOCATALYTIC AND THEIR ENVIRONMENTAL INTEREST, is the result of the work carried out by me under the guidance of DR. S. SRIKANTASWAMY, Ph. D., FRSC (London), Professor, Department of Studies in Environmental Science, University of Mysore, Manasagangotri, Mysuru. I am submitting this Dissertation work for the award of Master of Science (M. Sc.) degree in Environmental Science by the Mysore University during the year 2022-2023.

I further certify that this work has not been submitted by me for the award of any other degree or diploma of this or any other university.

*Preethi K.S*

Signature of Master's Candidate

Signed by me on *07/09/2023*

*Dr. G.V. Venkataramana*  
08/09/2023

Signature of Research Supervisor

Date:

Date:

*G.V. Venkataramana*  
Counter signed by the  
Chairperson of the Department  
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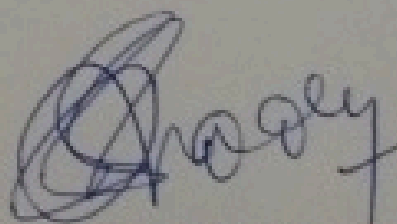
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**CERTIFICATE**

This is to certify that thesis entitled SYNTHESIS AND CHARACTERIZATION OF g-  
 $C_3N_4/TiO_2$  HETEROSTRUCTURES WITH HIGHLY ENHANCED  
PHOTOCATALYTIC AND THEIR ENVIRONMENTAL INTEREST, is submitted for  
the degree of **MASTER OF SCIENCE (M. Sc.) IN ENVIRONMENTAL SCIENCE** of  
the University of Mysore, Mysuru. This work is a Bonafide and authentic record of research  
work carried out by **PREETHI K.S, (P01ZZ21S0218)** under my guidance and supervision.  
Further, I declare that, it has not been submitted before for the award of any degree/  
diploma/ associateship/ fellowship or any other similar title.

Place: Mysuru

Date:

  
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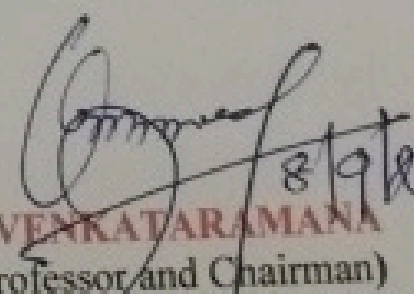
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