HYDROTHERMAL SYNTHESIS OF Ag2O/Bi2O3

HETEROSTRUCTURES FOR PHOTOCATALYTIC AND BIOLOGICAL APPLICATION

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
ANAND NAYAK S
(P01ZZ21S0555)

UNDER THE GUIDANCE OF

Dr. ABHILASH M. R.,

Ph. D., CChem., MRSC (London).,

Department of Studies in Environmental Science

Manasagangothri, University of Mysore, Mysore - 570 006

AUGUST



CERTIFICATE

L ANAND NAYAK S, (P01ZZ21S0555) certify that the Dissertation work entitled
"HYDROTHERMAL SYNTHESIS OF Ag2O/BizO2 HETEROSTRUCTURES FOR
PHOTOCATALYTIC AND BIOLOGICAL APPLICATION", is the result of the work
carried out by me under the guidance of Dr. ABHILASH M.R., Ph. D., CChem., MRSC
(London)., Department of Studies in Environmental Science, University of Mysore,
Manasagangothri, 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.

Signature of the Master's Candidate

Signed by me on 04/29/2023

Signature of Research Supervisor

Date: 07/09/2023

Date:

Counter signed by the

Dr. D.V. VENKATARAMANA

M.Sc., M. Phil., Ph.D.

Professor & Chairman DOS in Environmental Science University of Mysore, Massagangetri Mysore-579 906, INDIA

UNIVERSITY OF MYSORE

DEPARTMENT OF STUDIES IN ENVIRONMENTAL SCIENCE

MANASAGANGOTHRI, MYSURU - 570006, KARNATAKA, INDIA

Dr. ABHILASH M R

Ph.D., CChem., MRSC (London)...

Phone: 0821-2419555 Mob: 09141106393

Chartered Chemist

Former, DST- INSPIRE Fellow (SRF)

Email: abhilash@envsci.uni-mysore.ac.in

CERTIFICATE

This is to certify that thesis entitled "HYDROTHERMAL SYNTHESIS OF AG2O/BI2O3 PHOTOCATALYTIC HETEROSTRUCTURES FOR APPLICATION" is submitted for the degree of MASTER OF SCIENCE (M. Se) IN ENVIRONMENTAL SCIENCE of the University of Mysore, Mysuru. This work is a Bona fide and authentic record of research work carried out by ANAND NAYAK S, (P01ZZ21S0555) under my guidance and supervision. Further, I declare that, it has not been submitted before for the award of any degree/ diploma/ asocciateship / fellowship or any other similar title.

Place: Mysuru

Date: 07/09/2023

Research supermissingallish. Ph.D., CChem., MRSC (London)

Chartered Chemist

UNIVERSITY OF MYSORE

DEPARTMENT OF STUDIES IN ENVIRONMENTAL SCIENCE

MANASAGANGOTHRI, MYSURU - 570006, KARNATAKA, INDIA

Dr. G.V. VENKATARAMANA

M.Sc., M.Phil., Ph.D.

Phone: 0821-2419555 Mob: 09449783471

Professor and Chairman

Email: Venkataramana@envsci.uni-mysore.ac.in

CERTIFICATE

This is to certify that thesis HYDROTHERMAL SYNTHESIS OF Ag2O/Bi2O3

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APPLICATION", is submitted for the degree of "MASTER OF SCIENCE (M. Sc) IN

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of studies in Environmental Science, University of Mysore, Manasagangothri, Mysore.

Place: Mysuru

Date:

(Dr. G. V. VENKATARAMANA)

Professor and Chairman Dr. G.V. VENKATARAMANA

M.Sc., M.Phil., Ph.D

Professor & Chairman
DOS in Environmental Science
University of Mysore, Manasagangot:
Mysore-570 006, INDIA