

Department of Materials Science,
Mangalore University,
Mangalagangotri-574199,
October 2021

CERTIFICATE

This is to certify that the work presented in the dissertation entitled

"A REVIEW REPORT ON SYNTHESIS OF Ag-Cu BIMETALLIC NANOPARTICLE"

by ATHIRA M submitted as the report of the mini project for the degree, Master of Science in Materials Science was carried out under my guidance. The present work or any part thereof has not been submitted to any other university for the award of any other degree or diploma.

Date: 29 10 2021

Place: Mangalagangothri

Open M. Bettel

Dr. Rani. M. Pattabi

Assistant Professor



Department of Materials Science,
Mangalore University,
Mangalagangotri-574199,
October 2021

CERTIFICATE

This is to certify that the work presented in the dissertation entitled "A REVIEW ON EFFECT OF DIFFERENT DOPANTS ON THE ELECTRICAL, OPTICAL AND STRUCTURAL PROPERTIES OF ZnO THIN FILMS" by DIVYA BHARATHI O submitted as the report of the mini project for the degree, Master of Science in Materials Science was carried out under my guidance. The present work or any part thereof has not been submitted to any other university for the award of any other degree or diploma.

Date:

Place: Mangalagangothri

Prof. Manjunatha Pattabi

Department of Materials Science Mangalore University MANGALAGANGOTRI - 574 19



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Date:

Place: Mangalagangothri

Prof. Manjunatha Pattabi

Chairman
Department of Materials Science
Mangalore University
MANGALAGANGOTRI - 574 19



(Accredited by NAAC)

DEPARTMENT OF MATERIALS SCIENCE

Mangalagangothri, Dakshina Kannada-574199

CERTIFICATE

Certified that the Project work entitled "A REVIEW ON BIOCOMPOSITES AND THEIR APPLICATIONS" is a literature review report carried out by Mr. Manoj under the guidance of Dr. Vishwanath T., Assistant Professor of Materials Science, Mangalore University, Mangalagangothri. The report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the course.

Date: 26 11 2021

Dr. Vishwanath T

Project Guide

Dr. Manjunatha Pattabi Chairman of the Department

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Date: 26 -11. 2021

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October 2021

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This is to certify that the review work presented in the dissertation entitled "POLYMER BASED TiO₂ HYBRID LAYERS FOR PEROVSKITE SOLAR CELLS" by Sonika Shetty and Poornima A R, submitted as the report of the mini project for the degree, Master of Science in Materials Science was carried out under my guidance. The present work or any part thereof has not been submitted to any other university for the award of any other degree or diploma.

Date: 29/10/2021

Place: Mangalagangothri

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Place: Mangalagangothri

Dr. Rani. M. Pattabi

Assistant Professor