

International and Interuniversity Centre for Nanoscience and Nanotechnology Mahatma Gandhi University

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Prof. Dr. SABU THOMAS PhD, FRSC Founder Director& Professor 03rd June 2019

60/2019

CERTIFICATE

This is to certify that the project report entitled "MnO₂ NANOPARTICLES SYNTHESIS AND PROPERTIES" is an authentic record of the work carried out by MABLE MARIA BABY(Reg No:170011001087) from NIRMALA COLLEGE, MUVATTUPUZHA under my guidance and supervision at the International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kerala

Prof.Sabu Thomas



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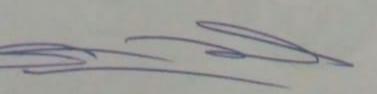
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7th June 2017

CERTIFICATE

This is to certify that the project entitled "An Inexpensive And Ecofriendly Method For Removal Of Fluoride Ions From Water Using Chitin" is an authentic record of the lab work carried out by Ms.Ann Mary Roy, M.Sc Chemistry student of NirmalaCollege, Muvattupuzha, Ernakulam under my supervision and guidance in partial fulfilment of the requirements as a part of their curriculam at International and Inter University Center for Nanoscience and Nanotechnology of Mahatma Gandhi University, Kottayam, for the award of the degree of Master of Science in Chemistry.



Sabu Thomas





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Prof. Dr. SABU THOMAS PhD, FRSC Founder Director& Professor

03" June 2019

63/2019

CERTIFICATE

This is to certify that the project report entitled "ELECTROSPUN TiO₂ COMPOSITE FIBRES FOR DYE DEGRADATION" is an authentic record of the work carried out by SIMIMOL SUNNY (Reg No:170011001090) from NIRMALA COLLEGE, MUVATTUPUZHA under my guidance and supervision at the International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kerala

Prof.Sabu Thomas

MnO₂ NANOPARTICLES SYNTHESIS AND PROPERTIES

A dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfilment for the degree of

MASTER OF SCIENCE IN CHEMISTRY

By.

MABLE MARIA BABY

Reg. No: 170011001087

NIRMALA COLLEGE, MUVATTUPUZHA



Under the guidance of

Dr. SABU THOMAS

INTERNATIONAL AND INTER UNIVERSITY CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

