

GREEN SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLES

Dissertation submitted to University of Calicut

In partial fulfillment of the Degree in Bachelor of Science in Physics

DEVIKA M	PWATSPH017
BAVNI ANIL	PWATSPH016
LIYANA SHERIN P	PWATSPH020
VAISHNAVI M	PWATSPH027
ANEENA KRISHNA P	PWATSPH032
ABHINANDANA A P	PWATSPH028
ARDRA SHAJI	PWATSPH033

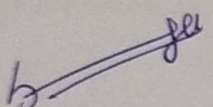


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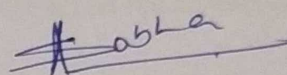
DEPARTMENT OF PHYSICS

CERTIFICATE

This is to certify that the project work entitled 'GREEN SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLES' is submitted in partial fulfilment for the degree of Bachelor of Science in Physics, at Providence Women's College, Calicut and is a bonafide record of the project work carried out by Ms. DEVIKA M, Ms. BAVNI ANIL, Ms. LIYANA SHERIN P, Ms. VAISHNAVI M, Ms. ANEENA KRISHNA P, Ms. ABHINANDANA A P, Ms. ARDRA SHAJI



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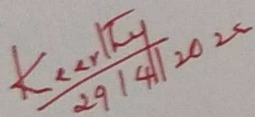


HEAD OF THE DEPARTMENT

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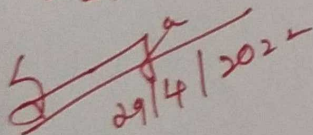
EXAMINERS

1)



29/4/2024

2)



29/4/2024

GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES

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AKHINA JOHN

PWATSPH010

ATHIRA K K

PWATSPH034

NAURI MERIYA K C

PWATSPH006

SNEHA P K

PWATSPH023

SREERESHMI K B

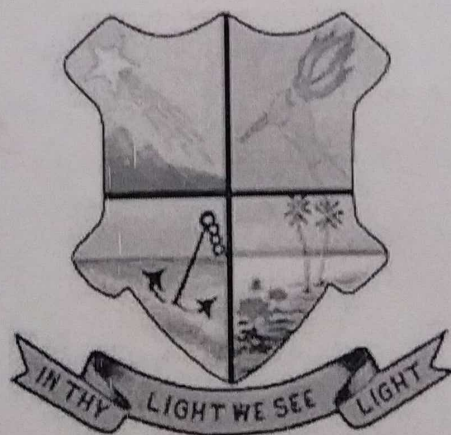
PWATSPH008

SREYA P

PWATSPH026

RIYA C BABU

PWATSPH040

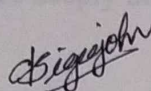


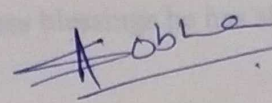
2019-2022

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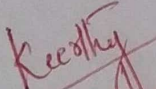

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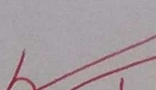
Dr. A. SOBHA
Head of the Dept. of Physics
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Kozhikode, Kerala - 673 009

EXAMINERS

1)


29/04/2022

2)


29/4/2022

STUDIES ON THE VARIATION OF RADIO SIGNAL STRENGTH

UNIVERSITY OF CALICUT

In partial fulfillment of the Degree in
BACHELOR OF SCIENCE in PHYSICS

by

Arya Sudhakaran	PWATSPH001
Gayathri Nambiar	PWATSPH003
Amrutha T	PWATSPH011
Manju. C	PWATSPH021
Amitha T.A	PWATSPH030
Huda Thasneem A M	PWATSPH037
Sreya Sanjeev	PWATSPH043



2019- 2022
DEPARTMENT OF PHYSICS

CERTIFICATE

This is to certify that the project work entitled 'STUDIES ON THE VARIATION OF RADIO SIGNAL STRENGTH' is submitted in partial fulfillment for the degree of Bachelor of Science in Physics, at Providence Women's College, Calicut and is a bonafide record of the project work carried out by Ms. ARYA SUDHAKARAN, Ms. GAYATHRI NAMBIAR, Ms. AMRUTHA T, Ms. MANJU C, Ms. AMITHA T A, Ms. SREYA SANJEEV, Ms. HUDA THASNEEM A M

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PROJECT GUIDE

A. Sobha

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EXAMINERS

- 1) *Keerthy*
28/04/2022
- 2) *S*
29/4/2022

STUDY OF EXOPLANET USING THE TRANSIT PHOTOMETRY METHOD

Dissertation submitted to university of Calicut
In partial fulfillment of the degree in Bachelor of Science
in Physics

AISWARYA M K

PWATSPH009

ANEENA A

PWATSPH031

ATHULYA P K

PWATSPH015

AYSHAMOIDEEN KOYA KALATHIL

PWATSPH035

NAMITHA K

PWATSPH038

RUFAIDA BEEGUM C P

PWATSPH041

SARANYA JOY

PWATSPH022



2019-2022

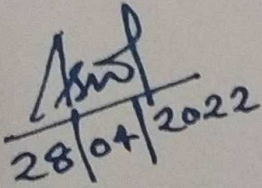
DEPARTMENT OF PHYSICS

CERTIFICATE

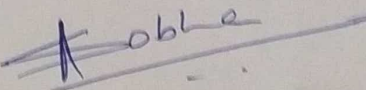
This is to certify the project work entitled 'STUDY OF EXOPLANETS USING THE TRANSIT PHOTOMETRY METHOD' is submitted in partial fulfillment for the degree of Bachelor of Science in Physics, at Providence Women's College, Calicut and is a bonafide record of the project work carried out by Ms. AISWARYA M K, Ms. ANEENA A, Ms. ATHULYA P K, Ms. AYSHA MOIDEENKOYA KALATHIL, Ms. NAMITHA K, Ms. RUFAIDE BEEGAM C P, Ms. SARANYA JOY

PROJECT GUIDE

Dr. Aswathy S

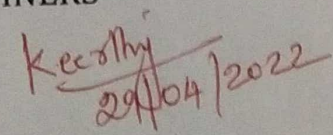

28/04/2022

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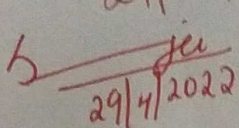

Dr. A. SOBHA
Head of the Dept. of Physics
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Kozhikode, Kerala - 673 009

EXAMINERS

1)


29/04/2022

2)


29/4/2022

A SIMPLE APPROACH TO SYNTHESISE CARBON QUANTUM DOTS

Project report submitted to The University of Calicut

In partial fulfillment of the degree in

Bachelor of Science in Physics

By

GAYATHRI P

NADA AYISHA

ANAGHA P

ANEESUNISSA

FATHIMA HISANA

SOUDA K

PWATSPH004

PWATSPH005

PWATSPH012

PWATSPH013

PWATSPH018

PWATSPH025



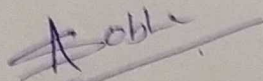
PROVIDENCE WOMENS COLLEGE

2021-2022

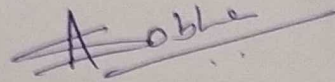
Keesha
29/09/2022

CERTIFICATE

This is to certify that the project work entitled " A SIMPLE APPROACH TO SYNTHESISE CARBON QUANTUM DOTS" is submitted in fulfillment of Under Graduate Degree in Bachelor of Physics at Providence Women's College, Kozhikode affiliated to the University of Calicut and is the bonafide record of the project work carried out by Ms. NADA AYISHA, Ms. GAYATHRI P, Ms. FATHIMA HISANA, Ms. ANAGHA P, Ms. Souda K and Ms. ANEESUNISSA under the guidance of Dr. A SOBHA, Head of the Department of Physics, Providence Women's College, Calicut.



PROJECT GUIDE
Dr. A SOBHA
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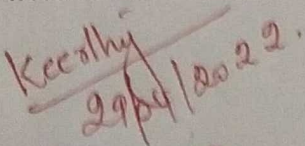


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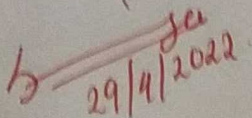
Dr. A SOBHA
Head of the Dept. of Physics
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Kozhikode, Kerala - 673 009

EXAMINERS

1)


29/4/2022

2)


29/4/2022

MEASUREMENT OF THERMAL CONDUCTIVITY

Project report submitted to

UNIVERSITY OF CALICUT

In Partial fulfillment for the degree

BACHELOR OF SCIENCE

In

PHYSICS

By

Diya S Francis	- PWATSPH002
Anupama M	- PWATSPH014
Indhuja C	- PWATSPH019
Soorya R	- PWATSPH024
Ambily Elizabeth John	- PWATSPH029
Famida Sherin	- PWATSPH036
Silja Babu	-PWATSPH042



2019- 2022

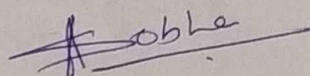
DEPARTMENT OF PHYSICS

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CALICUT-673009

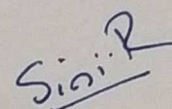
CERTIFICATE

This is to certify that the project entitled '**MEASUREMENT OF THERMAL CONDUCTIVITY**' submitted in partial fulfillment for the Degree of Bachelor of Science in Physics, at Providence Women's College, Calicut, and is a bonafide record of the project work carried out by Ms. Diya S Francis, Ms. Anupama M, Ms. Indhuja C, Ms. Soorya R, Ms. Ambily Elizabeth John, Ms. Famida Sherin and Ms. Silja Babu under the supervision and guidance of Dr. Sini R.



Head of the department

Dr. A. SOBHA
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Kozhikode, Kerala - 673 009



Dr. Sini R

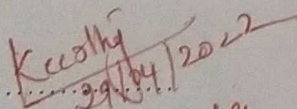
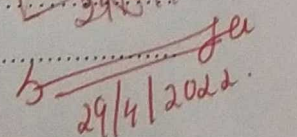
Supervising Guide

Providence Women's College

April 2022

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Examiners

- 1).....  29/4/2022
- 2).....  29/4/2022.

Date :