

SYNTHESIS AND X-RAY DIFFRACTION STUDIES OF ZnO NANOPARTICLES

Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfilment of the requirements

For the Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted By

ANJANA . P. RAJ

(Reg. No: 170021034370)

Under the Supervision and Guidance of

Dr. PRINCE THOMAS

Guest Lecturer, Department of Physics



DEPARTMENT OF PHYSICS

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Certificate

*This is to certify that this project entitled "SYNTHESIS AND X – RAY
DIFFRACTION STUDIES OF ZnO NANOPARTICLES" is an authentic report of the project
done by ANJANA. P. RAJ (Reg. No: 170021034370) during SIXTH SEMESTER 2020,
partial fulfilment of the requirement for the award of BSc Degree in Physics Mahatma
Gandhi University, Kottayam.*

Dr. Prince Thomas

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Valued by Examiners:

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Dr. Jincy Devasia *10/6/2020*

2

Dr. Prince Thomas

Date: *10/06/2020*

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10/06/2020

'DIODE AS TEMPERATURE SENSOR'

Project Report

Submitted to Mahatma Gandhi University, Kottayam

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BACHELOR OF SCIENCE IN PHYSICS

Submitted By

ABHISHNA .T.R

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**TRANSIENT RESPONSE OF RC,RL AND , LCR CIRCUIT USING
EXPEYES-17**

Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfillment of the requirements

For the Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted By

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is an authentic report of the project done by RAHUL RAVI (Reg No: 170021034376) during SIXTH SEMESTER 2020 , partial fulfillment of the requirement for the award of B.Sc Degree in Physics Mahatma Gandhi University ,kottayam.

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Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfilment of the requirements

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This is to certify that this project entitled "WATER LEVEL INDICATOR" is an authentic report of the project done by **PARVATHY S MOOZHAYIL (Reg. No:170021034375)** during **SIXTH SEMESTER 2020**, partial fulfilment of the requirement for the award of **B.Sc. Degree in Physics Mahatma Gandhi University, Kottayam.**

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Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfilment of the requirements

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This is to certify that this this project entitled "WATER LEVEL INDICATOR" is an authentic report of the project done by CHRISTY KURLAN (Reg. No:170021034371) during SIXTH SEMESTER 2020, partial fulfilment of the requirement for the award of B.Sc. Degree in Physics Mahatma Gandhi University, Kottayam.

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*Dr. Ponce Thomas Pamil
10/06/2020*

**STUDY OF SIMPLE PENDULUM USING TRACKER VIDEO
ANALYSIS AND CAMERA: AN INTERACTIVE APPROACH TO
ANALYZE OSCILLATORY MOTION**

Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfillment of the requirements

For the Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted By

MUHSIN FAREED

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CAMERA: AN INTERACTIVE APPROACH TO ANALYZE OSCILLATORY MOTION
done by **MUHSIN FAREED (Reg No: 170021034374)** *during* **SIXTH SEMESTER 2020**
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STUDY OF SIMPLE PENDULUM USING TRACKER VIDEO ANALYSIS AND CAMERA: AN INTERACTIVE APPROACH TO ANALYZE OSCILLATORY MOTION

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**A COMPARISON STUDY OF THE X-RAY
DIFFRACTION PATTERNS
OF PURE SILVER AND JEWELLERY SILVER**

Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfillment of the requirements

For the Award of the Degree of

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'DIODE AS TEMPERATURE SENSOR'

Project Report

Submitted to Mahatma Gandhi University, Kottayam

In partial fulfilment of the requirements

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**A COMPARISON STUDY OF THE X-RAY
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