

PROJECT REPORT ON

**SYNTHESIS AND STRUCTURAL
CHARACTERIZATION OF TiO₂ NANOPARTICLES**

Submitted to the Department of Physics,

MES Asmabi College, P. Vemballur,

In partial fulfillment for the award of the degree of B. Sc Physics

By,

AMBAREESH O BABU

(AIAUSPH020)

AMRITHAKSHY UDAY

(AIAUSPH003)

ARYA M. A

(AIAUSPH011)

ATHUL C. S

(AIAUSPH021)

BINRAAZ K. R

(AIAUSPH022)

EHSANA V. R

(AIATSPH017)



DEPARTMENT OF PHYSICS

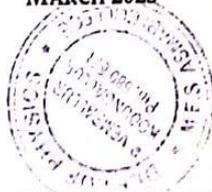
M.E.S. ASMABI COLLEGE, P. VEMBALLUR,

KODUNGALLUR, THRISSUR, PIN 680671

MARCH 2023

Sheena PA

Dr. Sheena PA



Nalitha
5/4/23

Dr. Namitha Asoken T

A PROJECT REPORT ON
**GRAVITATIONAL TIME DILATION AND
NEWTONIAN MECHANICS**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted By

SAYYIDA FATHIMA

Reg No: AIAUSPH017

Under the guidance of

RAMANATHAN K S



MES ASMABI COLLEGE

P.Vemballur P.O, Kodungallur,

Thrissur, Kerala 680671

Examiner 1:

Namitha
5/4/23

Dr. Namitha Asokan T.

Examiner 2:



SOLAR CELL CHARACTERISTICS AND APPLICATION-SOLAR MOBILE CHARGER

A dissertation submitted in partial fulfillment for the award of the

degree of

BACHELOR OF SCIENCE

IN PHYSICS

Submitted By,

AHAMED AKMAL K Reg.No: (AIAUSPH019) GOVIND O N Reg. No: (AIAUSPH010)

HRIDYA SEKHAR T S Reg.No: (AIAUSPH012) MOHAMED MUFEEES P M Reg.No: (AIAUSPH023)

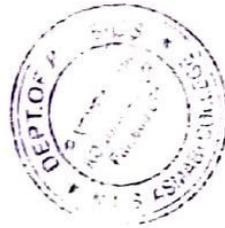
FADHIDA P M Reg.No: (AIAUSPH004) RINSHDHA SHIRIN TS Reg.No: (AIAUSPH016)

Under the guidance of

Ms. ANISHA P.M

ASSISTANT PROFESSOR

DEPARTMENT OF PHYSICS



NISHA P.K.

N. Nisha
5/4/23

M.E.S. ASMABI COLLEGE, P. VEMBALLUR,

KODUNGALLUR, THRISSUR, PIN 680671

Dr. Namitha Asoka

MARCH 2023

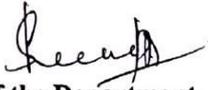
M E S ASMABI COLLEGE P VEMBALLUR
(Affiliated to the University of Calicut)
DEPARTMENT OF PHYSICS



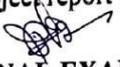
BONAFIDE CERTIFICATE

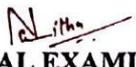
This is to certify that the project report entitled” **STUDIES ON ORGANIC SOLAR CELLS**” submitted by **KHADHEEJA HUSNA P (AIAUSPH014), SHAFNA M (AIAUSPH001), GAUTHAM GHOSH E S (AIAUSPH009), SUHAIL E A (AIAUSPH002)** in partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Physics is a bonafide record of the work carried out under my guidance and supervision.

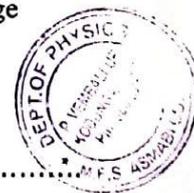

Supervising Guide
Ms. Nisha PK (Asst.Prof)
Dept. of physics
M E S Asmabi College
P.Vemballur


Head of the Department
Dr Sheena P A
Dept. of physics
M E S Asmabi College
P. Vemballur

This project report was evaluated by us on... 5/4/23'


INTERNAL EXAMINER
NISHA P K.


EXTERNAL EXAMINER
Dr. Namitha Asokan T.





M.E.S. ASMABI COLLEGE
Re-accredited by NAAC with 'B++' Grade
P.Vemballur, P.O. - 680671,
Kodungallur, Thrissur Dt.
Email: principal.mesasmabi@gmail.com
Web: www.mesasmabicollege.ac.in

Tel.: Office : 0480-2850596

CERTIFICATE

Certified that the project entitled "Simple Metal Detector" is a bonafide record of research work carried out by the students in the partial fulfillment of degree of Bachelor of Science of the University of Calicut.

FATHIMA KN. AIAUSPH005
ISHA TA AIAUSPH006
SHAMIYA NINZINAZ AIAUSPH007
LAKSHMI KS AIAUSPH015
THASNI KA AIAUSPH018

Place: P Vemballur

Date:

Dr. SHEENA P A

Head of the Department of Physics

M.E.S Asmabi College, P. Vemballur

5/4/23
Dr. Namitha Asoka T.

NISHA P K.

