

PROJECT REPORT ON

DETERMINATION OF RIGIDITY MODULUS OF DIFFERENT MATERIALS USING TORSION PENDULUM

Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

IN PARTIAL FULFILLMENT OF

AWARD OF DEGREE

Submitted by

ABHINAV JAYESH

[Reg. No: 200021039089]



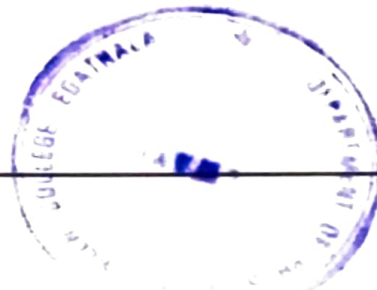
B.Sc. PHYSICS (2020-2023)

AL - AMEEN COLLEGE, EDATHALA

Date: /05/2023

Examiner:

A handwritten signature in blue ink, appearing to read 'S. Jayesh', is written over the 'Examiner:' label.



CERTIFICATE

This is to certify that **ABHINAV JAYESH** of final year BSc physics, Al-Ameen College, Edathala have undergone a project on "Rigidity modulus by Torsion pendulum" experiment as partial fulfilment of her studies

Dr Sreeja .S

Lecture in charge

Dept. Of Physics

Al – Ameen College

Edathala

Dr Sreeja .S

Head of the department

Dept. Of Physics

Al – Ameen College

Edathala



ENERGY AUDIT

In partial fulfilment of requirements for the award of
BACHELOR OF SCIENCE IN PHYSICS (MODEL II)

SUBMITTED BY

JAMIYA K.J

[Reg.No:200021039080]

Under the guidance of

Dr.SREEJA S

(Department of Physics, Al-Ameen College, Edathala)



DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

(Affiliated to Mahatma Gandhi University, Kottayam)

2020-2023



CERTIFICATE

This is to certify that the project entitled “**Energy Audit** ” submitted by **JAMIYA K.J** for the sixth semester in partial fulfilment of requirement for the award of Bachelor’s Degree Programme under my supervision and guidance. The project was successfully completed and their attitude and dedication in the project is highly appreciable.

Sreeja

Dr SREEJA S

Supervising guide

Asst. professor

Dept. of Physics

Al-Ameen College, Edathala

HIBA RAHMAN E

Head of the department

Dept. of Physics

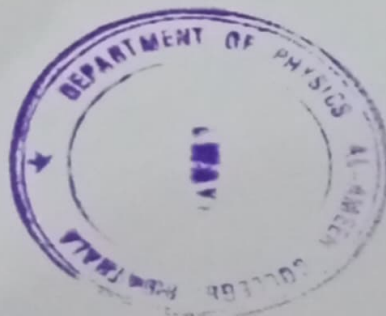
Al-Ameen College, Edathala

External Examiner:

Scary

Internal Examiner:

Sreeja



PROJECT REPORT ON

DETERMINATION OF RIGIDITY MODULUS OF DIFFERENT MATERIALS USING TORSION PENDULUM

submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

IN PARTIAL FULFILLMENT OF

AWARD OF DEGREE

Submitted by

HYRUNNISA K A

[Reg. No: 200021039079]



B.ScPHYSICS (2020-2023)

AL-AMEEN COLLEGE, EDATHALA

Date: /05/2023

Examiner: *S. Arath*

CERTIFICATE

This is to certify that HYRUNNISA K A of final year Bsc physics, Al-Ameen college, Edathala have undergone a project on "Rigidity modulus by Torsion pendulum" experiment as partial fulfilment of her studies

Dr Sreeja .S

Lecture in charge

Dept. of Physics

Al - Ameen College

Edathala

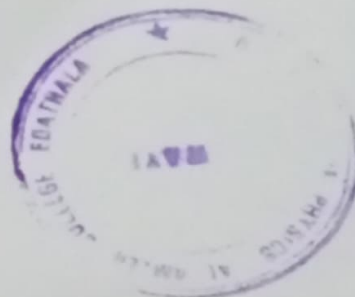
Dr Sreeja .S

Head of the department

Dept. of Physics

Al - Ameen College

Edathala



PROJECT REPORT

Submitted in partial fulfillment of the requirements for the award of the degree of

**BSC PHYSICS MODEL 2 COMPUTER APPLICATIONS
MAHATMA GANDHI UNIVERSITY, KOTTAYAM-686560**

2020-2023



Submitted By
K N AYSHA FARHATH
REG NO: 200021039081

Under the guidance of

Dr. SREEJA S

**DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE, EDATHALA
MAHATMA GANDHI UNIVERSITY**



**AL-AMEEN COLLEGE
EDATHALA, ALWAYS
DEPARTMENT OF PHYSICS**

CERTIFICATE

*This is to certify that the seminar entitled " **DETERMINATION OF COEFFICIENT OF THERMAL CONDUCTIVITY OF A BAD CONDUCTOR USING LEE'S DISC METHOD** " is a bonafide record of the submitted by **K N AYSHA FARHATH** with **Register Number 200021039081** , of Department of physics , Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of **BSC PHYSICS MODEL 2 COMPUTER APPLICATION** , by **Mahatma Gandhi University, Kottayam** during the year 2020-2023.*

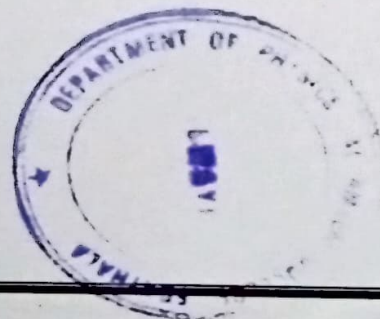
Project Guide

Head of the Department

Submitted for the university exam held on

Internal Examiner

External Examiner



YOUNG'S MODULUS OF DIFFERENT MATERIALS
USING NON UNIFORM BENDING

A project work by

ASHNA SATHAR

200021039094

Under the guidance of

Dr. Sreeja.S

Dept. of Physics

Al-Ameen College,Edathala.

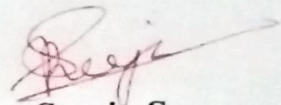
Submitted to Mahatma Gandhi University in partial fulfillment of
the requirement for the award of
Bachelor of Science in Physics
2020-2023



DEPARTMENT OF PHYSICS
AL-AMEEN COLLEGE ,EDATHALA
ALUVA

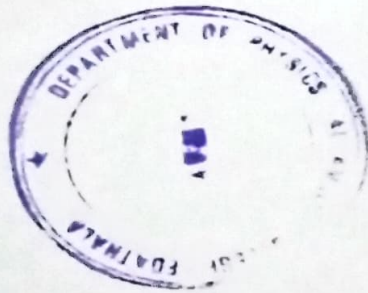
CERTIFICATE

This is to certify that this project report entitled "YOUNG'S MODULUS OF DIFFERENT MATERIALS USING NON UNIFORM BENDING" is the bonafide record of the work done by Ashna Sathar under my guidance in the Department of Physics, Al-Ameen College, Edathala. She has carried out the work with the best of her abilities.



Dr. Sreeja.S

Department of Physics
Al Ameen College, Edathala





AL-AMEEN COLLEGE

EDATHALA, ALUVA

PROJECT REPORT

SUBMITTED BY

MUHAMMED RASHID

REG NO : 200021039082

BSC PHYSICS MODEL II WITH COMPUTER APPLICATION

2020-2023

DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

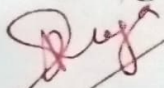
Affiliated to Mahatma Gandhi university, kottayam-686002



CERTIFICATE

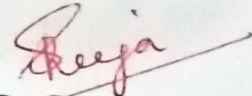
This is to certify that Muhammed Rashid of final year Bsc physics, Al-ameen college, Edathala have undergone a project on "Dielectric constant of different materials " experiment as partial fulfilment of her studies

Lecture in charge



Dr Sreeja .s

Head of the department



Dr Sreeja .s

Place : ..Edathala

Date : ..28/10/23



PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATION

MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560

2020-2023



Submitted By
ANTONY K J

REG NO: 200021039092

Under the guidance of

Ms. SREEJA S

DEPARTMENT OF PHYSICS

AL AMEEN COLLEGE, EDATHALA

MAHATMA GANDHI UNIVERSITY



**AL-AMEEN COLLEGE
EDATHALA, ALWAYS
DEPARTMENT OF PHYSICS**

CERTIFICATE

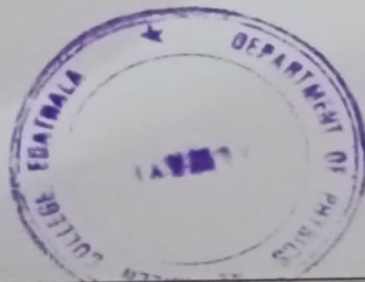
*This is to certify that the seminar entitled " HOMESPOT ID ' " is a bonafide record of the submitted by **ANTONY K J** with **Register Number 200021039092**, of Department of physics, Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of **BSC PHYSICS MODEL 2 COMPUTER APPLICATION**, by **Mahatma Gandhi University, Kottayam** during the year 2020-2023.*

Project Guide

Head of the Department

Submitted for the university exam held on

Internal Examiner



External Examiner

REFRACTIVE INDEX CALCULATION OF DIFFERENT LIQUIDS

A project report by

SAFNA SULAIMAN
200021039103

UNDER THE GUIDANCE OF

DR. SREEJA.S

DEPT. OF PHYSICS

AL AMEEN COLLEGE, EDATHALA

Submitted to Mahatma Gandhi university in partial fulfillment of the
requirement For the award of BACHELOR OF SCIENCE IN PHYSICS

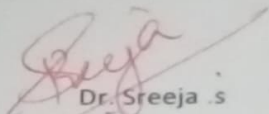
2020-2023



DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE EDATHALA

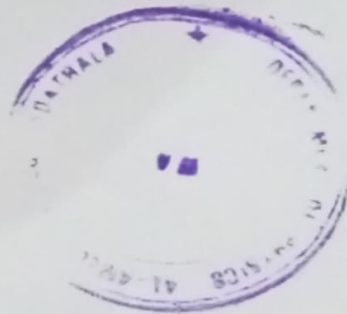
CERTIFICATE

This is to certify that project report entitled "*SPECTROMETER*" is the bonafide record of the work done by SAFNA SULAIMAN under my guidance in the Department of physics . Al-Ameen college ,Edathala .She has carried out the work with the best of her abilities.


Dr. Sreeja .s

Department of Physics

AL - Ameencollege, Edathala



STELLAR EVOLUTION

In partial fulfilment of requirements for the award of
BACHELOR OF SCIENCE IN PHYSICS (MODEL II)

SUBMITTED BY
FATHIMA NAZARIA S H
[Reg.No:200021039107]

Under the guidance of

Dr.SREEJA S

(Department of Physics, Al-Ameen College, Edathala)



DEPARTMENT OF PHYSICS
AL-AMEEN COLLEGE, EDATHALA
(Affiliated to Mahatma Gandhi University, Kottayam)

2020-2023



DEPARTMENT OF PHYSICS
AL-AMEEN COLLEGE, EDATHALA

CERTIFICATE

This is to certify that the project entitled “**STELLAR EVOLUTION**” submitted by **FATHIMANAZARIA S.H** for the sixth semester in partial fulfilment of requirement for the award of Bachelor’s Degree Programme under my supervision and guidance. The project was successfully completed and their attitude and dedication in the project is highly appreciable.

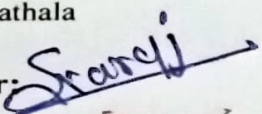

Dr SREEJA S

Supervising guide

Asst. professor

Dept. of Physics

Al-Ameen College, Edathala

External Examiner: 

Internal Examiner: 


HIBA RAHMAN E

Head of the department

Dept. of Physics

Al-Ameen College, Edathala



PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATION

MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560

2020-2023



Submitted By
SIVAPRIYA K R

REG NO: 200021039085

Under the guidance of

Ms. SREEJA S

DEPARTMENT OF PHYSICS

AL AMEEN COLLEGE, EDATHALA

MAHATMA GANDHI UNIVERSITY



**AL-AMEEN COLLEGE
EDATHALA, ALWAYS
DEPARTMENT OF PHYSICS**

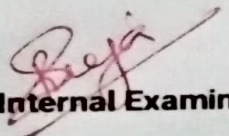
CERTIFICATE

This is to certify that the seminar entitled " HOMESPOT ID " is a bonafide record of the submitted by SIVAPRIYA K R with Register Number 200021039085 , of Department of physics ,Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of BSC PHYSICS MODEL 2 COMPUTER APPLICATION , by Mahatma Gandhi University, Kottayam during the year 2020-2023.

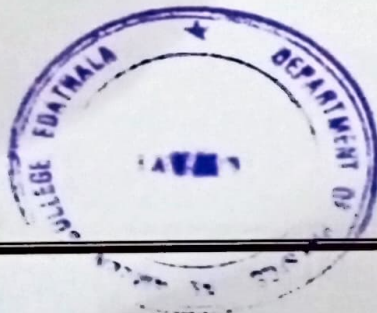

Project Guide


Head of the Department

Submitted for the university exam held on


Internal Examiner


External Examiner





AL-AMEEN COLLEGE

EDATHALA, ALUVA

PROJECT REPORT

SUBMITTED BY

AJAY DEVSEN P.S

BSC PHYSICS MODEL II WITH COMPUTER APPLICATION

2020-2023

DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

Affiliated to Mahatma Gandhi university, kottayam-686002



CERTIFICATE

This is to certify that Ajay Devsen P.S of final year Bsc physics, Al-ameen college, Edathala have undergone a project on "Dielectric constant of different materials " experiment as partial fulfilment of her studies

Lecture in charge

Head of the department

Dr Sreeja

Dr Sreeja .s

Place :

Date :



PROJECT REPORT ON

DETERMINATION OF RIGIDITY MODULUS OF DIFFERENT MATERIALS USING TORSION PENDULUM

submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

IN PARTIAL FULFILLMENT OF

AWARD OF DEGREE

Submitted by

AADHILA BASHEER

[Reg. No: 200021039078]



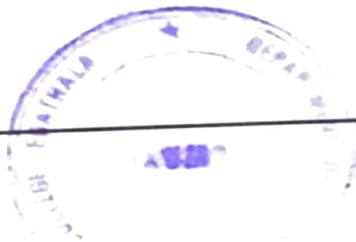
B.ScPHYSICS (2020-2023)

AL-AMEEN COLLEGE, EDATHALA

Date: /05/2023

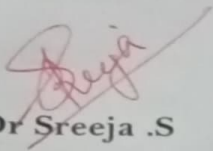
Examiner

A handwritten signature in blue ink, appearing to read 'S. George', is written over the word 'Examiner'.



CERTIFICATE

This is to certify that AADHILA BASHEER of final year Bsc physics, Al-Ameencollege, Edathala have undergone a project on "Rigidity modulus by Torsion pendulum" experiment as partial fulfilment of her studies



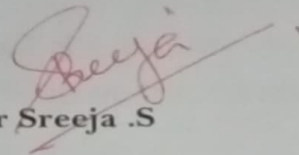
Dr Sreeja .S

Lecture in charge

Dept. of Physics

Al - Ameen College

Edathala



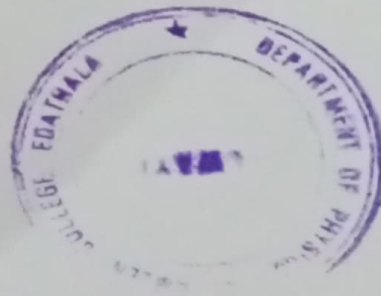
Dr Sreeja .S

Head of the department

Dept. of Physics

Al - Ameen College

Edathala



ENERGY AUDIT

In partial fulfilment of requirements for the award of
BACHELOR OF SCIENCE IN PHYSICS (MODEL II)

SUBMITTED BY

SHIFANA K H

[Reg.No:200021039108]

Under the guidance of

Dr.SREEJA S

(Department of Physics, Al-Ameen College, Edathala)



DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

(Affiliated to Mahatma Gandhi University, Kottayam)

2020-2023



CERTIFICATE

This is to certify that the project entitled “**Energy Audit** ” submitted by **SHIFANA K.H** for the sixth semester in partial fulfilment of requirement for the award of Bachelor’s Degree Programme under my supervision and guidance. The project was successfully completed and their attitude and dedication in the project is highly appreciable.

Shifana
Dr SREEJA S

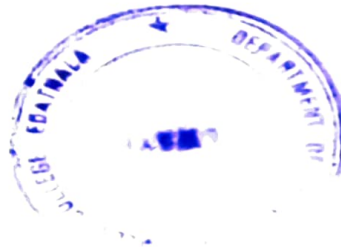
Supervising guide
Asst. professor
Dept. of Physics
Al-Ameen College, Edathala

External Examiner: *Secretary*

Internal Examiner: *Shifana*

for HOD
HIBA RAHMAN E

Head of the department
Dept. of Physics
Al-Ameen College, Edathala



PROJECT REPORT

Submitted in partial fulfillment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATIONS
MAHATMA GANDHI UNIVERSITY, KOTTAYAM-686560

2020-2023



Submitted By
SUMAYYA JABBAR

REG NO: 200021039087

Under the guidance of

Dr. SREEJA S

DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE, EDATHALA
MAHATMA GANDHI UNIVERSITY



**AL-AMEEN COLLEGE
EDATHALA, ALWAYE
DEPARTMENT OF PHYSICS**

CERTIFICATE

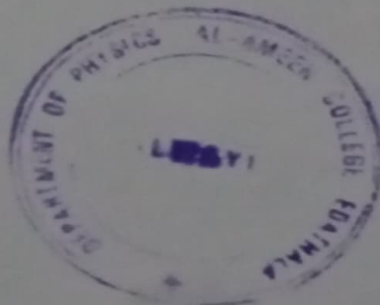
*This is to certify that the seminar entitled " **DETERMINATION OF COEFFICIENT OF THERMAL CONDUCTIVITY OF A BAD CONDUCTOR USING LEE'S DISC METHOD** " is a bonafide record of the submitted by **SUMAYYA JABBAR** with **Register Number 200021039087** , of Department of physics , Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of **BSC PHYSICS MODEL 2 COMPUTER APPLICATION** , by **Mahatma Gandhi University, Kottayam** during the year 2020-2023.*

Project Guide

Head of the Department

Submitted for the university exam held on

Internal Examiner



External Examiner

PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATION

MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560

2020-2023



Submitted By
ASEERA A S

REG NO: 200021039093

Under the guidance of

Ms. SREEJA S

DEPARTMENT OF PHYSICS

AL AMEEN COLLEGE, EDATHALA

MAHATMA GANDHI UNIVERSITY

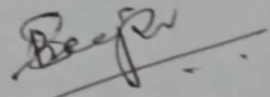


**AL-AMEEN COLLEGE
EDATHALA, ALWAYS
DEPARTMENT OF PHYSICS**

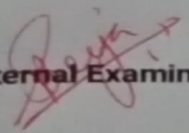
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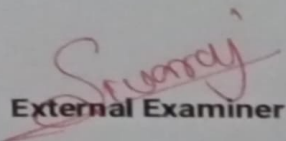
This is to certify that the seminar entitled " HOMESPOT ID " is a bonafide record of the submitted by ASEERA A S with Register Number 200021039093 , of Department of physics ,Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of BSC PHYSICS MODEL 2 COMPUTER APPLICATION , by Mahatma Gandhi University, Kottayam during the year 2020-2023.


Project Guide


Head of the Department

Submitted for the university exam held on


Internal Examiner


External Examiner



VELOCITY OF ULTRA – SONIC WAVES IN LIQUID

PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATION

MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560

2020-2023



**Submitted By
RAHMATH NISA E S**

REG NO: 200021039101

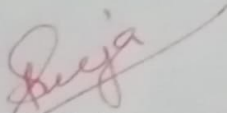
Under the guidance of

Ms. SREEJA S

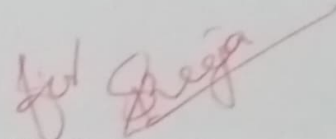
**DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE, EDATHALA
MAHATMA GANDHI UNIVERSITY**

DEPARTMENT OF PHYSICS
CERTIFICATE

This is to certify that this project entitled "*VELOCITY OF ULTRA- SONIC WAVES IN LIQUID* " is a bonafide record of the submitted by RAHMATH NISA E S with Register Number 200021039101 , of Department of physics ,nAl-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of BSC PHYSICS MODEL 2 COMPUTER APPLICATION , by Mahatma Gandhi University, Kottayam during the year 2020-2023.

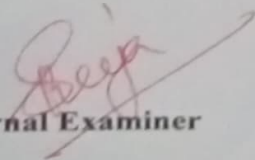


Project Guide

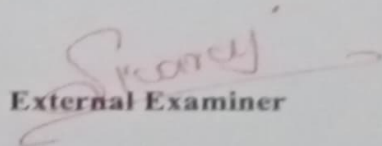


Head of the Department

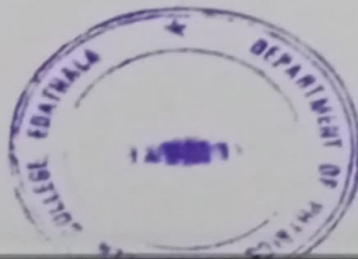
Submitted for the university exam held on



Internal Examiner



External Examiner



VELOCITY OF ULTRA – SONIC WAVES IN LIQUID

PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BSC PHYSICS MODEL 2 COMPUTER APPLICATION
MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560
2020-2023



Submitted By
THAMISA ABDUL MAJEED

REG NO: 200021039105

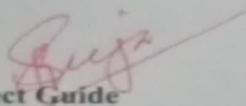
Under the guidance of

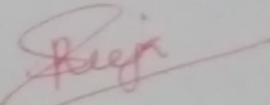
Ms. SREEJA S

DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE, EDATHALA
MAHATMA GANDHI UNIVERSITY

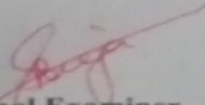
DEPARTMENT OF PHYSICS
CERTIFICATE

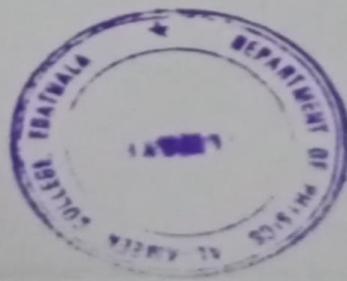
This is to certify that this project entitled "*VELOCITY OF ULTRA- SONIC WAVES IN LIQUID* " is a bonafide record of the submitted *by* **THAMISA ABDUL MAJEED** with *Register Number 200021039105* , of Department of physics ,Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of **BSC PHYSICS MODEL 2 COMPUTER APPLICATION** , by **Mahatma Gandhi University, Kottayam** during the year 2020-2023.

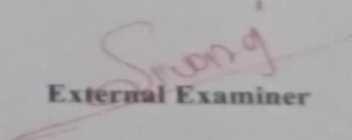

Project Guide


Head of the Department

Submitted for the university exam held on


Internal Examiner




External Examiner

YOUNG'S MODULUS OF DIFFERENT MATERIALS
USING NON UNIFORM BENDING

A project work by

SHAFNA SHAKEER S M

200021039104

Under the guidance of

Dr. Sreeja.S

Dept. of Physics

Al-Ameen College, Edathala.

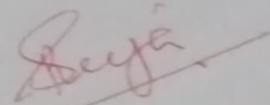
Submitted to Mahatma Gandhi University in partial fulfillment of
the requirement for the award of
Bachelor of Science in Physics
2020-2023



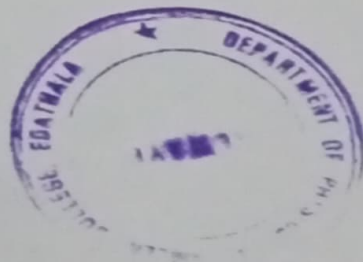
DEPARTMENT OF PHYSICS
AL-AMEEN COLLEGE ,EDATHALA
ALUVA

CERTIFICATE

This is to certify that this project report entitled "YOUNG'S MODULUS OF DIFFERENT MATERIALS USING NON UNIFORM BENDING" is the bonafide record of the work done by Shafna Shakeer S M under my guidance in the Department of Physics, Al-Ameen College, Edathala. She has carried out the work with the best of her abilities.

**Dr. Sreeja.S**

Department of Physics
Al Ameen College, Edathala



REFRACTIVE INDEX CALCULATION OF DIFFERENT LIQUIDS

A project report by

AFITHA FATHIMA KM
200021039090

UNDER THE GUIDANCE OF

DR.SREEJA.S

DEPT. OF PHYSICS

AL AMEEN COLLEGE, EDATHALA

Submitted to Mahatma Gandhi university in partial fulfillment of the
requirement For the award of BACHELOR OF SCIENCE IN PHYSICS

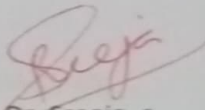
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DEPARTMENT OF PHYSICS
AL AMEEN COLLEGE EDATHALA

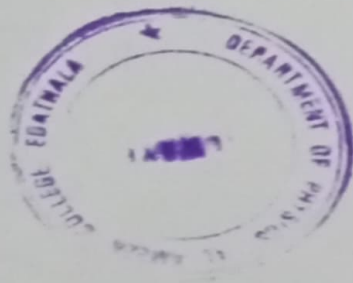
CERTIFICATE

This is to certify that project report entitled "*SPECTROMETER*" is the bonafide record of the work done by AFITHA FATHIMA KM under my guidance in the Department of physics . Al-Ameen college ,Edathala .She has carried out the work with the best of her abilities.


Dr. Sreeja .s

Department of Physics

AL - Ameen college, Edathala



YOUNG'S MODULUS OF DIFFERENT MATERIALS
USING NON UNIFORM BENDING

A project work by

THASNEEM AZEEZ

200021039088

Under the guidance of

Dr. Sreeja.S

Dept. of Physics

Al-Ameen College, Edathala.

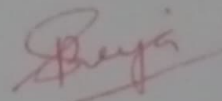
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2020-2023



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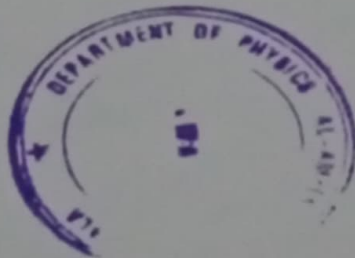
CERTIFICATE

This is to certify that this project report entitled "YOUNG'S MODULUS OF DIFFERENT MATERIALS USING NON UNIFORM BENDING" is the bonafide record of the work done by Thasneem Azeez under my guidance in the Department of Physics, Al-Ameen College, Edathala. She has carried out the work with the best of her abilities.



Dr. Sreeja.S

Department of Physics
Al Ameen College, Edathala



YOUNG'S MODULUS OF DIFFERENT MATERIALS
USING NON UNIFORM BENDING

A project work by

FATHIMA BEEVI P K

190021042026

Under the guidance of

Dr. Sreeja.S

Dept. of Physics

Al-Ameen College, Edathala.

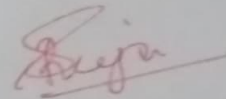
Submitted to Mahatma Gandhi University in partial fulfillment of
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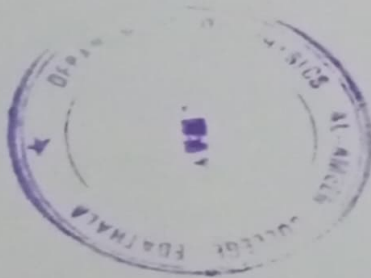
DEPARTMENT OF PHYSICS
AL-AMEEN COLLEGE ,EDATHALA
ALUVA

CERTIFICATE

This is to certify that this project report entitled "YOUNG'S MODULUS OF DIFFERENT MATERIALS USING NON UNIFORM BENDING" is the bonafide record of the work done by Fathima Beevi P K under my guidance in the Department of Physics, Al-Ameen College, Edathala. She has carried out the work with the best of her abilities.

**Dr. Sreeja.S**

Department of Physics
Al Ameen College, Edathala





AL-AMEEN COLLEGE

EDATHALA, ALUVA

PROJECT REPORT

SUBMITTED BY

ROHITH R KAMMATH

REG. NO. 200021039102

BSC PHYSICS MODEL II WITH COMPUTER APPLICATION

2020-2023

DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

Affiliated to Mahatma Gandhi university, kottayam-686002



CERTIFICATE

This is to certify that Rohith R Kammath of final year Bsc physics, Al-ameen college, Edathala have undergone a project on "Dielectric constant of different materials " experiment as partial fulfilment of her studies

Lecture in charge

Dr Sreeja .s

Place : .. Edathala

Date : .. 28/4/23

Head of the department

Dr Sreeja .s



VELOCITY OF ULTRA – SONIC WAVES IN LIQUID

PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

**BSC PHYSICS MODEL 2 COMPUTER APPLICATION
MAHATMA GANDHI UNIVERSITY ,KOTTAYAM-686560**

2020-2023



**Submitted By
AMEERATHUNISA VA
REG NO: 200021039106**

Under the guidance of

Ms. SREEJA S

DEPARTMENT OF PHYSICS

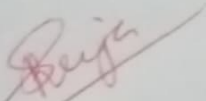
AL AMEEN COLLEGE

EDATHALA, ALUVA

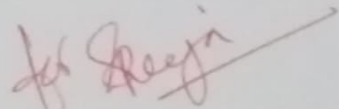
MAHATMA GANDHI UNIVERSITY

DEPARTMENT OF PHYSICS
CERTIFICATE

This is to certify that this project entitled "*VELOCITY OF ULTRA- SONIC WAVES IN LIQUID* " is a bonafide record of the submitted *by* AMEERATHUNISA VA with *Register Number 200021039106* , of Department of physics ,Al-Ameen College Edathala in partial fulfillment of the requirements for the award of the degree of BSC PHYSICS MODEL 2 COMPUTER APPLICATION , by Mahatma Gandhi University, Kottayam during the year 2020-2023.

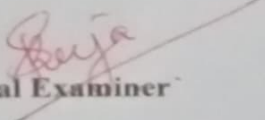


Project Guide

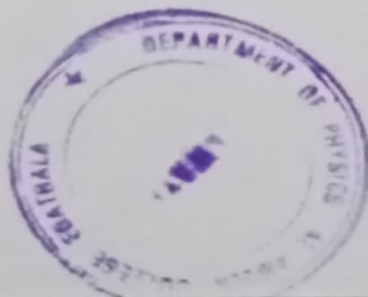


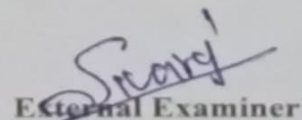
Head of the Department

Submitted for the university exam held on



Internal Examiner





External Examiner

STELLAR EVOLUTION

In partial fulfilment of requirements for the award of
BACHELOR OF SCIENCE IN PHYSICS (MODEL II)

SUBMITTED BY

RIFAMOL K R

[Reg.No:200021039083]

Under the guidance of

Dr.SREEJA S

(Department of Physics, Al-Ameen College, Edathala)



DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

(Affiliated to Mahatma Gandhi University, Kottayam)

2020-2023



CERTIFICATE

This is to certify that the project entitled "STELLAR EVOLUTION" submitted by RIFAMOL K R for the sixth semester in partial fulfilment of requirement for the award of Bachelor's Degree Programme under my supervision and guidance. The project was successfully completed and their attitude and dedication in the project is highly appreciable.

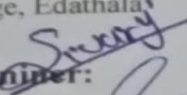

Dr SREEJA S.

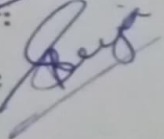
Supervising guide

Asst. professor

Dept. of Physics

Al-Ameen College, Edathala


External Examiner:


Internal Examiner:

HIBA RAHMAN E

DEPARTMENT OF PHYSICS

AL-AMEEN COLLEGE, EDATHALA

