



EMEA College of Arts and Science, Kondotti

Re-accredited with 'A' Grade by NAAC

Aided by Govt. of Kerala | Affiliated to University of Calicut

Kumminiparamba P.O., Kondotti Malappuram Dt., Pin: 673 638

Email: mail@emeacollege.ac.in Web: www.emeacollege.ac.in

PROJECT WORK

DEPARTMENT OF MATHEMATICS AND PHYSICS

1.3.2: Percentage of students undertaking project work/field work/internships

CONTENTS

- 1. Nominal Roll of the candidates from Calicut University who has completed project work as part of curriculum**
- 2. List of final year students undertaking project work**
- 3. Project work completion certificates**

1. Nominal Roll of the candidates who has completed project work as part of curriculum

Sl. NO	CAP ID	NAME OF STUDENT	REG. NO
1	CAP20UG197718	FATHIMA MURSHIDA KC	EMEAUSDM003
2	CAP20UG110743	HAFEEFA RISHANA M	EMEAUSDM004
3	CAP20UG155551	IBRAHIM BADUSHA K	EMEAUSDM013
4	CAP20UG147364	MUHAMMEDJASIR DANISH	EMEAUSDM014
5	CAP20UG149540	MUHAMMED RABEEH C	EMEAUSDM015
6	CAP20UG243426	MUNSHID A	EMEAUSDM017
7	CAP20UG190377	NAJIYA THASNEEM P	EMEAUSDM007
8	CAP20UG189205	RUFAIDA PP	EMEAUSDM008
9	CAP20UG132484	SHAHUL HAMEED P	EMEAUSDM018
10	CAP20UG193960	ASLA K	EMEAUSDM002
11	CAP20UG240968	FABIL FAISAL PT	EMEAUSDM012
12	CAP20UG203008	MISRIYA P	EMEAUSDM005
13	CAP20UG243427	MUFLIHA P	EMEAUSDM006
14	CAP20UG238064	SAJLA SULTHANA PC	EMEAUSDM009
15	CAP20UG199066	SHAHANA NUSRIYA KM	EMEAUSDM010
16	CAP20UG207545	SHAHNAS MK	EMEAUSDM011
17	CAP20UG212715	AFRA	EMEAUSDM001
18	CAP20UG122468	MUHAMMED SIYAS KC	EMEAUSDM016

2. List of final year UG students undertaking project work

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experiential learning through project work/field work/internship
UG MATHEMATICS AND PHYSICS	PHY	TRACE ELEMENT DETERMINATION IN THE COSTAL AREAS OF KERALA	PHY 6B35	2022-23	MUNSHID A SAJLA SULTHANA IBRAHIM BADUSHA JASIR DANISH NAJIYA THASNEEM SHAHUL HAMEED
UG MATHEMATICS AND PHYSICS	PHY	FABRICATION OF NON-CONTACT DISTANCE MEASUREMENT SETUP USING ULTRASONIC SENSOR AND ARDUINO NANO	PHY 6B35	2022-23	ASLA K FABIL FAISAL PT MUHAMMED RABEEH C MUHAMMED SIYAC KC
UG MATHEMATICS AND PHYSICS	PHY	TRACE ELEMENT DETERMINATION IN THE COSTAL AREAS OF MALABAR REGION- KERALA	PHY 6B35	2022-23	MUFLIHA P MISRIYA P RUFIDA PP HAFEEFA M
UG MATHEMATICS AND PHYSICS	PHY	DEVELOPMENT AND CALIBRATION OF A DIGITAL THERMOMETER USING ARDUINO NANO	PHY 6B35	2022-23	AFRA SHAHANAS MK SHAHANA NUSRIYA

3.Project work completion certificates

TRACE ELEMENT DETERMINATION IN THE COASTAL AREAS OF MALABAR REGION-KERALA

Dissertation submitted to the university of Calicut partial fulfillment of the
requirement for the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS AND PHYSICS DOUBLEMAIN

BY

MUFLIHA.P (EMAUSDM006)

MISRIYA.P (EMAUSDM005)

RUFAIDA.PP (EMAUSDM008)

HAFEEFA.M (EMAUSDM004)



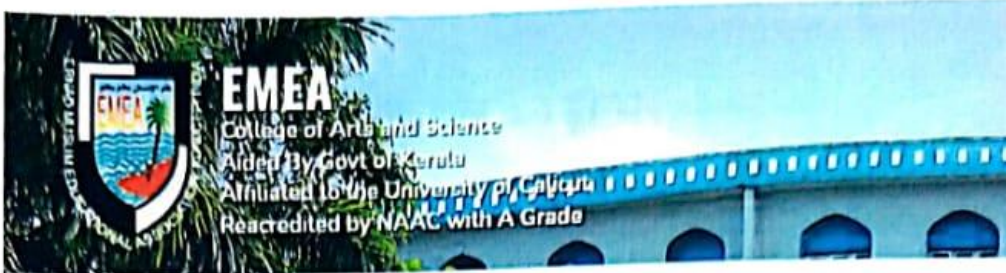
DEPARTMENT OF MATHEMATICS AND PHYSICS
DOUBLEMAIN

EMEA COLLEGE OF ARTS AND SCIENCE

(affiliated to Calicut university)

KUMMINIPARAMBA (PO), KONDOTTY, MALAPPURAM(DT),

KERALA, INDIA, PIN-673638



Dr. RAMSIYA M

Assistant professor and head

Department of Mathematics and Physics

CERTIFICATE

This is to clarify that this dissertation entitled "TRACE ELEMENT DETERMINATION IN THE COASTAL AREAS OF MALABAR REGION-KERALA" is an authentic record of research work done by Mrs. RUFIDA PP, Mrs. HAFEEFA RISHANA.M, Mrs. MUFLIHA.P, Mrs. MISRIYA in the laboratory CSIF, University of Calicut, under the supervision and guidance of Dr. RAMSIYA in partial fulfillment of the requirement for the degree of bachelor of science in mathematics and physics under the faculty of science, university of Calicut, and further that no part of this dissertation has been presented before for any other degree

Dr RAMSIYA

Head of department

External examiner

1. Ajeela - K.C
12/02/23

*Assistant Professor & Head
Department of Mathematics &
Physics
EMEA College of Arts and Science
Kondotty, Malappuram - 672 322*

FABRICATION OF NON-CONTACT DISTANCE MEASUREMENT SETUP USING ULTRASONIC SENSOR AND ARDUINO NANO

A Project Report submitted to the UNIVERSITY OF CALICUT in partial fulfilment Of the
requirement for the award of degree of

BACHELOR OF SCIENCE IN MATHEMATICS AND PHYSICS

Submitted by

ASLA K (EMAUSDM002)

FABIL FAISAL PT (EMAUSDM012)

MUHAMMED RABEEH C (EMAUSDM015)

MUHAMMED SIYAS K C (EMAUSDM016)



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CERTIFICATE

Certified bonafide project work entitled “ FABRICATION OF A NON-CONTACT DISTANCE MEASUREMENT SETUP USING ULTRASONIC SENSOR AND ARDUINO NANO”submitted to Calicut University in partial fulfillment of the requirement for the award of Bachelor of science in Mathematics and Physics under the guidance and supervision of ABDUL RASHEED PALOLY, during the academic year 2022 – 2023

ABDUL RASHEED PALOLY

ASSISTANT PROFESSOR

DEPARTMENT OF Mathematics and Physics

EMEA COLLEGE OF ARTS AND SCIENCE

KONDOTTY, P.O. KUMMINIPARAMBA.

EXTERNAL EXAMIER :-

1. Ajeela-K.C. 12/04/23
- 2.

TRACE ELEMENT DETERMINATION IN THE COASTAL AREAS OF KERALA

**Dissertation submitted to the university of Calicut partial fulfillment of the
requirement for the award of the degree of**

BACHELOR OF SCIENCE IN MATHEMATICS AND PHYSICS DOUBLEMAIN

BY

MUNSHID A

SAJLA SULTHANA

IBRAHIM BADUSHA

JASIR DANISH

NAJIYA THASNEEM

SHAHUL HAMEED



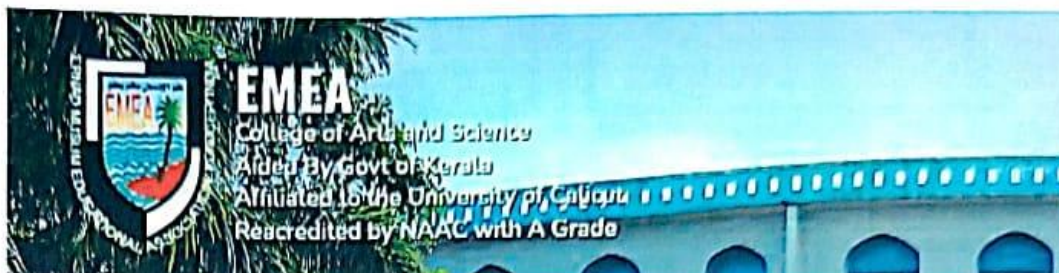
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Dr RAMSIYA

Head of department

External examiner

1. Ajeela-K.C 
12/04/23



Approved & Certified
Dr. Ramsiya M
Professor
EMEA College of Arts and Science
Kondotty, Malappuram - 686 508

EMEA COLLEGE OF ARTS & SCIENCE

DEPARTMENT OF BSC MATHS & PHYSICS



A Project Study On

DEVELOPMENT AND CALIBRATION OF A DIGITAL THERMOMETER USING ARDUINO NANO

In partial fulfillment of the requirements for the degree of Bachelor of Science

in Bsc Maths & Physics (Double Main) for the project study.

(PHY6B35)

By:

Afra (EMAUSDM001)

Shahnas mk (EMAUSDM011)

Shahana nusriya (EMAUSDM010)



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ABDUL RASHEED PALOLY

ASSISTANT PROFESSOR


DEPARTMENT OF Mathematics and Physics

EMEA COLLEGE OF ARTS AND SCIENCE

KONDOTTY, P.O. KUMMINIPARAMBA.

EXTERNAL EXAMNIER :-

1.

Ajeela - B-C 
12/09/23

2.