

CRITERION 2



EMMANUEL COLLEGE VAZHICHAL



2.3.1 STUDENT CENTRIC METHODS, SUCH AS EXPERIMENTAL LEARNING, PARTICIPATIVE LEARNING AND PROBLEM SOLVING METHODOLOGIES ARE USED FOR ENHANCING LEARNING EXPERIENCES USING ICT TOOLS.

PROJECT WORKS

EMMANUEL COLLEGE, VAZHICHAL

(Affiliated to University of Kerala)



DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**H1B VISA PROCESSING APP**” is a bonafide record of **AJIN RAJ R(320-20804008), DIVYA ROY (320-20804019), SREYA V.S (320-20804037), BEVEN S SILVA (320-20804016)** in partial fulfillment for the award of the B.Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.

Ms. Athira A.R.
(Internal Guide)



Mr. Benziger Raj J.J.
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on
External Examiners:

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EMMANUEL COLLEGE, VAZHICHAL

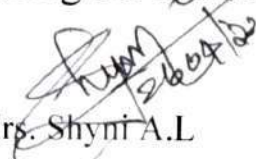
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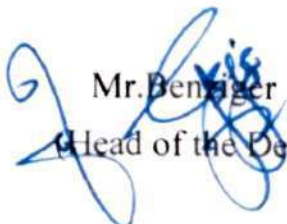
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

Certified that this is the Project work entitled **“LOAN PREDICTION USING MACHINE LEARNING”** is a bonafide record of **BRESTO SAJI (320-20804017), HELEENA CHRISTIE(320-20804022), JITHIN.S(320-20804023), SUFINA SULFIKAR.J (320-20804038)** in partial fulfilment for the award of the BSc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.


Mrs. Shyni A.L.
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Mr. Benjiger Raj J.J.
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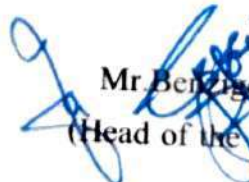
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**EXPLORATORY ANALYSIS OF GEOLOCATIONAL DATA**” is a bonafide record of **AFSANA.S (320-20804007), ATHIRA.S.S (320-20804015), GAYATHRI.P (320-20804021), NIKHIL DAVID (320-20804028)** in partial fulfillment for the award of the B Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.


Mr. ANTO H
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Mr. Ben Ziger Raj J.J
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DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**AIR QUALITY INDEX PREDICTION**” is a bonafide record of **MIDHUN RAJ.R.B (320-20804025)**, **ADARSH.H (320-20804004)**, **SARATH KRISHNA.S (320-20804033)**, **AMAL S RAJ (320-20804011)** in partial fulfillment for the award of the B.Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.

Mrs. Leena U
(Internal Guide)

DEPARTMENT OF COMPUTER SCIENCE
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Mr. Benziger Raj J.J
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Submitted to the Kerala University viva –voce conducted on

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DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled "PERFORMANCE ENHANCEMENT OF INFORMATION RETRIEVAL VIA ARTIFICIAL INTELLIGENCE" is a bonafide record of ANANDHU V (320-20804012), MUHAMMED SHAHEEN SN(320-20804026), RENOY SEBASTIAN(320-20804031) in partial fulfillment for the award of the B Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.

Ms. Athira A.R
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Mr. Benziger Raj J.
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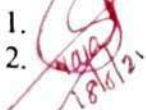

This is to Certified that the Project work entitled “**CRIME RATE ANALYSIS USING MACHINE LEARNING**” is a bonafide record of **DIVYA D V (320-20804018), NIDHIN SAJU (320-20804027), NISHA B (320-20804029)** in partial fulfillment for the award of the B Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.


Ms. ATHIRA A R
(Internal Guide)




Mr. Beniger Raj J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on
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EMMANUEL COLLEGE, VAZHICHAL

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DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**PLANT DISEASES AND PEST DETECTION USING DEEP LEARNING**” is a bonafide record of **ADITHYA.B.S** (320-20804006), **ANJANA.S.S** (320-20804013), **AKHIL RAJ.J.L** (320-20804009) and **SREE HARI.A** (320-20804036) in partial fulfillment for the award of the B Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.



Mr. Benziger Raj J.J
(Internal Guide)



Mr. Benziger Raj J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on

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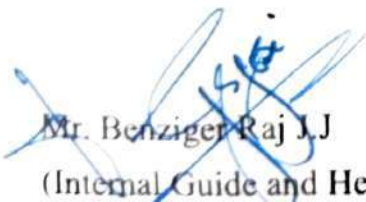
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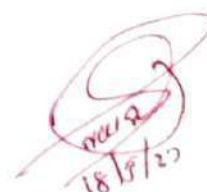
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**ATTENDANCE MONITORING SYSTEM USING MACHINE LEARNING**” is a bonafide record of **ABHINAV S J(320-20804003), DHANUSH RAJ R S(320-20804030), SANJOBIN S(320-20804032), JUBIL P REJI(320-20804025)** in partial fulfillment for the award of the B Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.


Mr. Benziger Raj J.J.
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18/5/23

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(Affiliated to University of Kerala)



DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**SENTIMENT ANALYSIS USING NAIVE BAYES ALGORITHM**” is a bonafide record of **ADHIL SALIM (320-20804005), SHANIF THASIM (320-20804034), DONA C (320-20804020)** in partial fulfillment for the award of the B.Sc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.

Mrs. Leena U
(Internal Guide)



Mr. Benziger Raj J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on

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EMMANUEL COLLEGE, VAZHICHAL
(Affiliated to University of Kerala)



DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

Certified that this is the Bonafied Record of the Project work entitled “LIBRARY MANAGEMENT STSTEM” is a bonafied record of **SHARATH J (320 20 804 035)** in partial fulfilment for the award of the BSc Degree in Computer Science by the University of Kerala, during the academic year 2022-2023.


Mr. Benziger Raj JJ
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Mr. Benziger Raj.J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on

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EMMANUEL COLLEGE VAZHICHAL

Kudappanamoodu P O
Thiruvananthapuram-695510
(Affiliated to the University of Kerala)



CERTIFICATE

This is to certify that the project entitled “TRIP PLANNER” is a bonafide record of the work done by **Jayakumar Bindu Aiswarya(328-20804007)**, **Akshaya A R(328-20804024)**, **Annie V Raj(328-20804003)** of Emmanuel College Vazhichal towards the partial fulfillment of the award of degree in Bachelor of Physics and Computer Application (CBCSS) under the University of Kerala during the academic year 2020-23.


Mrs. Leena U
(Internal Guide)




Mr. Benziger Raj.J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on
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18-08-23

EMMANUEL COLLEGE, VAZHICAL

Kudappanamoodu P O
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CERTIFICATE

This is to certify that the project entitled "CRISIS COMPANION "is a bona fide record of the work done by AKSHAY V L (Reg. No. 328-20804023), AKHIL C B (Reg. No. 328-20804022), and A S HARIKRISHNAN (Reg. No. 328-20804001) of Emmanuel College Vazhichal towards the partial fulfilment of the award of a degree in Bachelor of Physics and Computer Application (CBCSS) under the University of Kerala.

DEPARTMENT OF COMPUTER SCIENCE
EMMANUEL COLLEGE, VAZHICAL

Prof. BENZIGER RAJ J J

(Internal Guide)

Head of the Department

Department of Computer Science

Submitted to the Kerala University viva –voce conducted on

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EMMANUEL COLLEGE VAZHICAL

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(Affiliated to the University of Kerala)



CERTIFICATE

This is to certify that the project entitled “ E-ASRAYA “ is a bonafide the record of the work done by **Al Fahath, Sandeep Sabu, Shinjith S S** of Emmanuel College Vazhical towards the partial fulfillment of the award of degree in Bachelor of Physics and Computer Application (CBCSS) under the University of Kerala.

Asst . Prof. Leena U
Internal Guide

Department of Computer Science

DEPARTMENT OF COMPUTER SCIENCE
EMMANUEL COLLEGE, VAZHICAL

Prof. Benziger Raj J.J
Head of the Department

Department of Computer Science

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18.5.23

EMMANUEL COLLEGE
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Kudappanamoodu P O
Thiruvananthapuram - 695510
(Affiliated to the university of Kerala)



CERTIFICATE

This is to certify that the project entitled “**MACHINE LEARNING BASED HEART DISEASE PREDICTION SYSTEM**” is a Bonafede the record of the work done by AHISHMA RAJ R, JEENA SCARIA, VIJITHRA V S of Emmanuel College Vazhichal towards the partial fulfilment of the award of degree in Bachelor of Physics and Computer Application (CBCSS) under the university of Kerala.

Asst Prof. Anto H

Internal Guide

Department of Computer Science

DEPARTMENT OF COMPUTER SCIENCE
EMMANUEL COLLEGE, VAZHICAL

Prof. Benziger Raj J J

Head of the Department

Department of Computer Science

EXTERNAL EXAMINER

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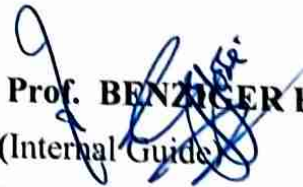
EMMANUEL COLLEGE
VAZHICHAL
Kudappanamoodu P O
Thiruvananthapuram-695510
(Affiliated to the University of Kerala)



CERTIFICATE

This is to Certified that the Project work entitled “**EMOTION DETECTION**” is a bonafied record of ANANYA MOL. S. S (Reg.No:328-20804026),REVATHY. M (Reg.No:328-20804014), SNEHA.S SANTHOSH (Reg.No:328-20804015) in partial fulfillment for the award of the BSc Degree in Computer Science by the University of Kerala, during the academic year 2020-2023.





Prof. BENJICER RAJ.J.J
(Internal Guide)
Head of the Department
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18.05.23

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EMMANUEL COLLEGE

VAZHICAL

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Thiruvananthapuram-695510

(Affiliated to the University of Kerala)



CERTIFICATE

This is to certify that the project entitled “ News Garden “ is a bonafide the record of the work done by **Goutham Krishna B R (Reg.No:328-20804006)**, **Panchami P Kumar (Reg.No:328-20804012)**, **Ananya R Salim (Reg.No:328-20804027)** of Emmanuel College Vazhichal towards the partial fulfillment of the award of degree in Bachelor of Physics and Computer Application (CBCSS) under the University of Kerala.


29/03/23

Prof. Shyni A L

Internal Guide

Department of Computer Science




28/3/2023

Prof. Benziger Raj J.J


Head of the Department

Department of Computer Science

External Examiner

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EMMANUEL COLLEGE
VAZHICHAL
Kudappanamoodu P O
Thiruvananthapuram - 695510
(Affiliated to the university of Kerala)



CERTIFICATE

This is to certify that the project entitled “A ROAD ACCIDENT PREDICTION MODEL USING DATA MINING TECHNIQUES” is a bonafide the record of the work done by ABISREE A N, HONEY VIJAI, JOTHIKA J C of Emmanuel College Vazhichal towards the partial fulfilment of the award of degree in Bachelor of Computer Science (CBCSS) under the university of Kerala.


Prof. Shyni A L

Internal Guide

Department of Computer Science



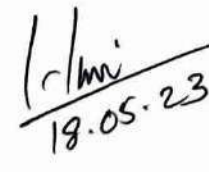


Prof. Benziger Raj J J

Head of the Department

Department of Computer Science

EXTERNAL EXAMINER

1. 
18.05.23
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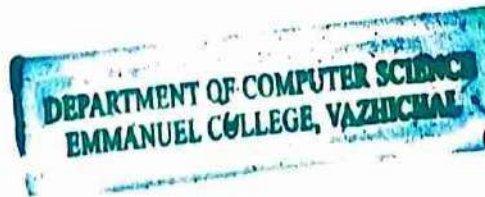


CERTIFICATE

This is to certify the project entitled "**DRIVER DROWSINESS DETECTION SYSTEM**" is a bonafide record of the work done by **Advaith. S. S (32820804020), Binoy. B (32820804004), Devika .M (32820804005)**, of Emmanuel college, vazhical towards the partial fulfilment of the award of degree in Bachelor of Physics and computer Application (CBCSS) under the University of Kerala.

for 

Ms. Leena.U
(Internal Guide)



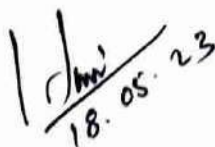


M r. Benziger Raj.JJ
(Head of the Department)

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EMMANUEL COLLEGE VAZHICHAL

Kudappanamoodu P O

Thiruvananthapuram-695510

(Affiliated to the University of Kerala)



DEPARTMENT OF COMPUTER SCIENCE CERTIFICATE

This is to certify that the project entitled " CROP YIELD PREDICTION USING MACHINE LEARNING "is a bonafide the record of the work done by **Aadil.S, Abhiram.M.P, Induja.M.K** of Emmanuel College Vazhichal towards the partial fulfillment of the award of degree in Bachelor of Physics and Computer Application (CBCSS) under the University of Kerala.

Ms. Athira A.R

Internal Guide

DEPARTMENT OF COMPUTER SCIENCE
EMMANUEL COLLEGE, VAZHICHAL

Mr. Benzeiger Raj J.J

Head of the Department

External Examiner

1

2

18.05.23



DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to Certified that the Project work entitled “**STUD TRACKER**” is a bonafide record of **ADITHYA S (328-20804019)**, **ANCY J S (328-20804028)**, **RASHINA NAJEEM R (328-20804033)** in partial fulfillment for the award of the B Sc Degree in Physics and Computer Application by the University of Kerala, during the academic year 2020-2023.

Mr. Benziger Raj J.J
(Internal Guide)



Mr. Benziger Raj J.J
(Head of the Department)

Submitted to the Kerala University viva –voce conducted on

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PROJECT CERTIFICATE



BOTANY AND BIOTECHNOLOGY

2020 - 2023

Sl No	Programme Name	Programme Code	List of Students Undertaking Project work	Lin to the relevant documents
1	Botany and Biotechnology	247	ABHIJITH D D	
2	Botany and Biotechnology	247	AKSHAYA ASHOK M	
3	Botany and Biotechnology	247	ANEETA ALOSIOUS	
4	Botany and Biotechnology	247	ANJALI A S	
5	Botany and Biotechnology	247	KAVYA NAIR	
6	Botany and Biotechnology	247	LAKSHMI A	
7	Botany and Biotechnology	247	MIDHUNA S M	
8	Botany and Biotechnology	247	MOHAMMED RIFAY. M	
9	Botany and Biotechnology	247	NIHALA SUBHANA S	
10	Botany and Biotechnology	247	RENU RAJ R.B	
11	Botany and Biotechnology	247	SILPA S	
12	Botany and Biotechnology	247	URMILA UNNI S M	
13	Botany and Biotechnology	247	VIJILA. V.J	
14	Botany and Biotechnology	247	VIJIN.V.G	
15	Botany and Biotechnology	247	VIVEK V S	
16	Botany and Biotechnology	247	ABIN S R	
17	Botany and Biotechnology	247	ADITHYA A S	
18	Botany and Biotechnology	247	ADITHYAN J R	
19	Botany and Biotechnology	247	AJEESH C L	
20	Botany and Biotechnology	247	AL AMEEN M R	
21	Botany and Biotechnology	247	ALEENA. S. EDWIN	
22	Botany and Biotechnology	247	ANISHMA S B	
23	Botany and Biotechnology	247	ASWATHI DAS C. S	
24	Botany and Biotechnology	247	ATHIRA SATHEESH	
25	Botany and Biotechnology	247	ATHUL G S	
26	Botany and Biotechnology	247	BISMI B	
27	Botany and Biotechnology	247	M S ABHIRAMI	
28	Botany and Biotechnology	247	MALAVIKA M S	
29	Botany and Biotechnology	247	SAMEERA R	
30	Botany and Biotechnology	247	SNEHA A	
31	Botany and Biotechnology	247	SNEHA SURESH G	
32	Botany and Biotechnology	247	SRUTHI S	
33	Botany and Biotechnology	247	UNNIKRISHNAN POTTY M A	
34	Botany and Biotechnology	247	VRINDA P. KESH	
			Dr. J. VIJAYAKUMAR	
			Principal	
			Emmanuel College, Vazhichal,	
			Kudappanamangadu P.O, Pin-695505	

3/11/23

EMMANUEL COLLEGE
VAZHICHAL
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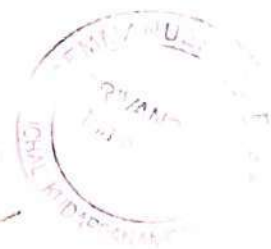


CERTIFICATE

This is to certify that the project report entitled "SCREENING AND ISOLATION OF PIGMENT PRODUCING HALOPHILES FROM SALT PAN" is bonafide record of work done by Ms. AKSHAYA ASHOK M towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

Research guide

Head, Department of Biotechnology



Dr.J.VIJAYAKUMAR
Principal
Emmanuel College, Vazhichal,
Kudappanamoodu P.O, Pin.695505

External examiners

- 1)
- 2) 18.5.2023

12/5/23

THIRUPURAM
"SCREENING AND IDENTIFICATION OF PIGMENT
PRODUCING HALOPHYTES FROM SALT PAN"

PROJECT REPORT

Submitted to the University
in partial fulfillment of the
requirement for the award of Degree of

BACHELOR OF SCIENCE IN CHEMISTRY & BIOTECHNOLOGY

EMMANUEL

(19780304012)

2007

YR

2007

2007



Dr.J.VIJAYAKUMAR
Principal
Emmanuel College, Vazhichal,
Kuttappanadu P.O, Pin-635005

DEPARTMENT OF CHEMISTRY & BIOTECHNOLOGY

(OF VAZHICHAL)

(2007-2010)

THIRUPURAM

EMMANUEL COLLEGE
VAZHICHAL,
THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BOTANY AND BIOTECHNOLOGY
CERTIFICATE



This is to certify that this thesis titled "ISOLATION AND IDENTIFICATION OF PHARMACOLOGICALLY ACTIVE ENDOPHYTIC BACTERIA FROM ADIANTUM SPECIES" submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfilment of the requirements for the award of the Degree of Bachelor of Science in Botany and Biotechnology is a record of bonafide research work done Anjali A.S, during fourth semester, 2023 in the Department of Botany and Biotechnology, Emmanuel College Of Arts And Science, Vazhichal, Thiruvananthapuram -695510 Kerala, India under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any candidates of any university so far.


Counter signed

Head of the Department

External Examiners

1:
2:


18/5/2023



18.5.2023




Signature of the Internal Guide

Dr.J VIJAYAKUMAR
Principal
Emmanuel College Vazhichal
Kudappanattodu PO, Pk. 695510

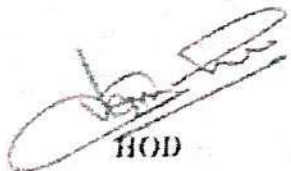


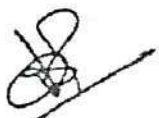
EMMANUEL COLLEGE
VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY




CERTIFICATE

This is to certify that the project report entitled "*trnH-psbA* BASED MOLECULAR CHARACTERIZATION OF *ADIANTUM CAPILLUS VENERIS*" is bonafide record of work done by Ms. Kavya Nair of Emmanuel College Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.


HOD


Lecture Incharge


Principal

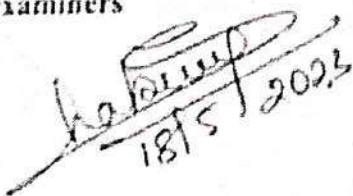
DEPARTMENT OF BOTANY AND
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EMMANUEL COLLEGE
VAZHICHAL

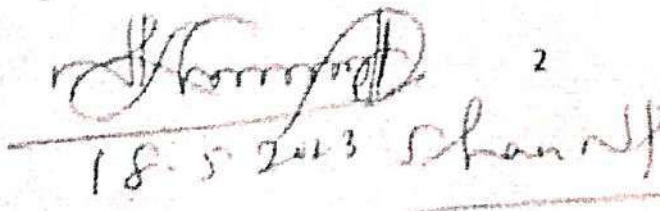


Dr.J.VIJAYAKUMAR
Principal
Emmanuel College Vazhichal,
Kudappanadu P.O. Pin-695505

External examiners

- 1)
- 2)


18/5/2023


18.5.2023 Chan NP


DEPARTMENT OF BOTANY AND BIOTECHNOLOGY

CERTIFICATE



This is to certify that this thesis titled "ISOLATION AND IDENTIFICATION OF PHARMACOLOGICALLY ACTIVE ENDOPHYTIC BACTERIA FROM


Emmanuel College Of Arts And Science, Vazhichal, Thiruvananthapuram -695510 Kerala, India under my supervision and guidance and that it has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidates of any university so far.


Counter signed

Head of the Department

External Examiners

DEPARTMENT OF BOTANY
BIO TECHNOLOGY
EMMANUEL COLLEGE
VAZHICHAL


Signature of the Internal Guide

Dr. J. VIJAYAKUMAR
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EMMANUEL COLLEGE
VAZHICHAL
THIRUVANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY




CERTIFICATE


This is to certify that the project report entitled "RIBOTYPING OF SALT PAN BORNE PIGMENT PRODUCING BACTERIA" is bonafide record of the work done by Ms.MIDHUNA S M of Emmanuel College, Vazhichal, Thiruvananthapuram towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the university of Kerala during the period 2020-2023




HOD


Lecturer in charge

DEPARTMENT OF BOTANY AND
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EMMANUEL COLLEGE
VAZHICHAL


Principal
Dr.J.VIJAYAKUMAR
Emmanuel College
Kudappanamoodu P.O, Kollam


External examiners

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18.5.2023 Chanu P


18.5.2023

EMMANUEL COLLEGE
VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "DUS CHARACTERISATION PRESERVATION AND SEED GERMINATION OF ANDAMAN GERMPLASM OF YAM BEAN (*PACHYRHISUS EROSUS L.*)" is bonafide record of the work done by, Mr. Mohammed Rifay, of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

HOD LECTURER IN CHARGE PRINCIPAL

DEPARTMENT OF BOTANY AND
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EMMANUEL COLLEGE
VAZHICHAL

Dr. J. VIJAYAKUMAR
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External Examiners:

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CERTIFICATE

This is to certify that the project report entitled "RIBOTYPING OF SALT PAN BORNE PIGMENT PRODUCING BACTERIA" is bonafide record of the work done by Mrs NIHALA SUBHANA S of Emmanuel College, Vazhichal, Thiruvananthapuram towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the university of Kerala during the period 2020-2023.


HOD



Lecturer in charge

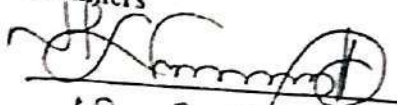
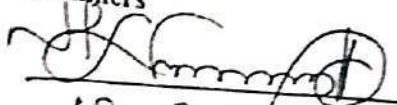


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Dr.J.VIJAYAKUMAR
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External examiners

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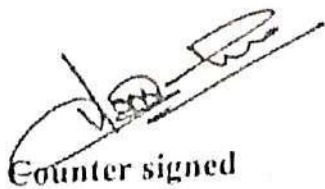

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EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA


DEPARTMENT OF BOTANY AND BIOTECHNOLOGY
CERTIFICATE

This is to certified that this thesis titled "ISOLATION AND IDENTIFICATION OF PHARMACOLOGICALLY ACTIVE ENDOPHYTIC BACTERIA FROM ADIANTUM SPECIES" submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfilment of the requirements for the award of the Degree of Bachelor of Science in Botany and Biotechnology is a record of bonafide research work done by Renuraj R B, during fourth semester, 2023 in the Department of Botany and Biotechnology, Emmanuel College Of Arts And Science, Vazhichal, Thiruvananthapuram -695510 Kerala, India under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidates of any university so far.


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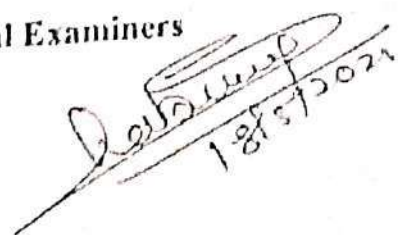
Head of the Department

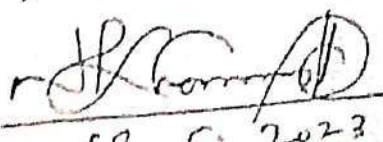
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BIO TECHNOLOGY
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VAZHICHAL


Signature of the Internal Guide

External Examiners

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18.5.2023


18.5.2023

Shan NP



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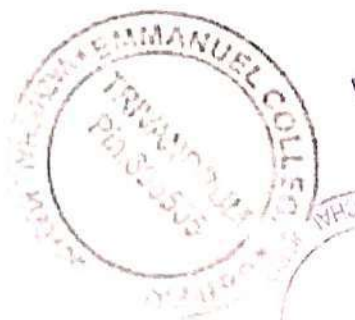
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HOD

LECTURER IN CHARGE

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External Examiners:

1.

2.

Signature
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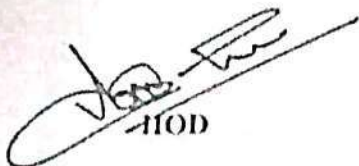
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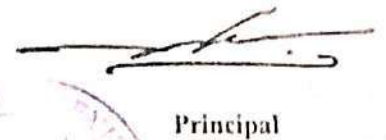


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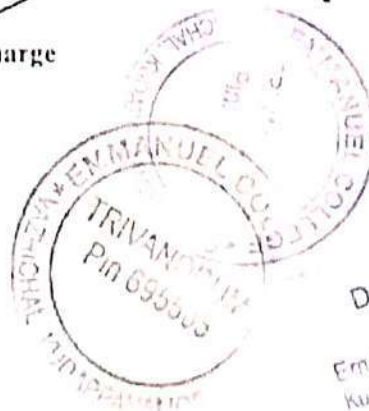
This is to certify that the project report entitled "trnH-psbA BASED MOLECULAR CHARACTERIZATION OF *ADIANTUM CAPILLUS VENERIS*" is bonafide record of work done by Ms URMILA UNNI S M (247-20804014) of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.


HOD

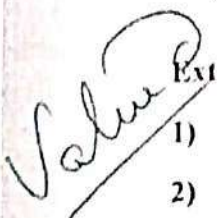
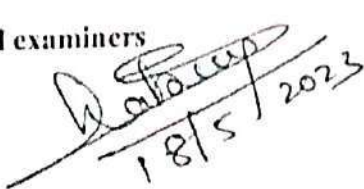
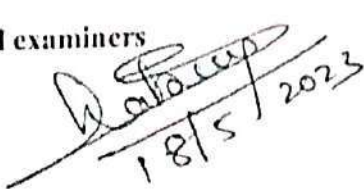

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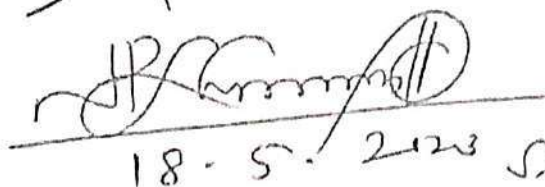

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External examiners
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EMMANUEL COLLEGE
VAZHICHAL
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DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "SCREENING AND ISOLATION OF PIGMENT PRODUCING HALOPHILES FROM SALT PAN" is bonafide record of work done by MS. VIJILA V J, towards the partial fulfillment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

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Head, Department of Biotechnology

External examiners

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- 2.



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CERTIFICATE

This is to certify that the project report entitled "DUS CHARACTERISATION PRESERVATION AND SEED GERMINATION OF RM-1 VARIETY OF YAM BEAN (*PACHYRRHIZUS EROSUS* L.)" is bonafide record of the work done by Mr *VIJIN V G*, of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

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Dr. J. VIJAYAKUMAR
Principal
Emmanuel College Vazhichal
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External Examiners:

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DEPARTMENT OF BOTANY AND BIOTECHNOLOGY

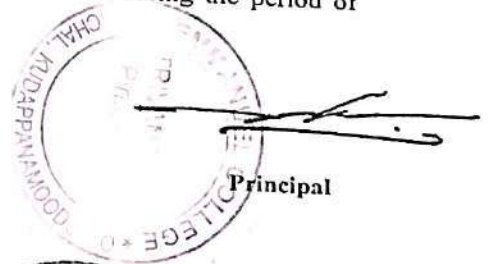


CERTIFICATE

This is to certify that the project report entitled "trnH-psbA BASED MOLECULAR CHARACTERIZATION OF *ADIANTUM CAPILLUS VENERIS*" is bonafide record of work done by Ms. Urmila Unni S. M., Ms. Kavya Nair, Mr. Vivek V S of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.


HOD


Lecture Incharge


Principal

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External examiners

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- 2)


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This is to certify that the project report entitled "STUDY ON THE "IDENTIFICATION OF PIGMENT PRODUCING HALOPHILE BACTERIA FROM SALT PAN" is bonafide record of work done by Mr. ABIN S R of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.



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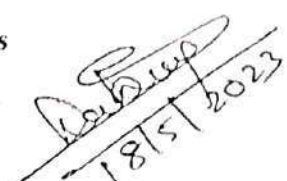


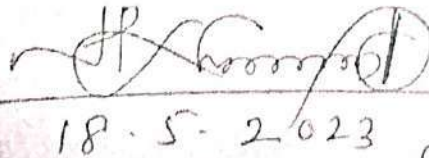
Head, Department of Biotechnology

DR. VIJAYAKUMAR
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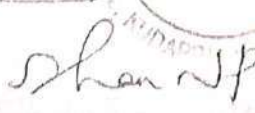
External examiners

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EMMANUEL COLLEGE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BOTANY AND BIOTECHNOLOGY
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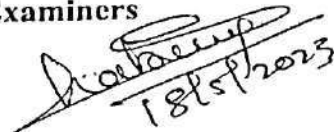
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Counter signed

Head of the Department


External Examiners

1:
2:


18.5.2023


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Signature of the Internal Guide


Dr. J. VIJAYAKUMAR
Principal
Emmanuel College Vazhichal



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VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY




CERTIFICATE

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DEPARTMENT OF BOTANY AND
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EMMANUEL COLLEGE
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Head, Department of Biotechnology

External examiners

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Dr. J. VIJAYAKUMAR
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Kudapuzha P.O, Kinnigitty

EMMANUEL COLLEGE
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THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

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HOD

LECTURER IN BOTANY

PRINCIPAL

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Dr. J. VIJAYAKUMAR
Principal
Emmanuel College Vazhichal,
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External Examiners:

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18.5-2023 Shan NP

EMMANUEL COLLEGE
VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "DUS CHARECTERISATION PRESERVATION AND SEED GERMINATION OF ANDAMAN GERMPLASM OF YAM BEAN (*PACHYRHISUS EROSUS L*)" is bonafide record of the work done by, Mr ALAMEEN M R, of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

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LECTURER IN CHARGE

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Dr. J. VIJAYAKUMAR
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VAZHICHAL
THIRUVANTHAPURAM
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This is to certify that the project report entitled "DNA BARCODING OF ADIANTUM TRAPAZIFORME" is bonafide record of work done by Aleena S Edwin of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.


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Head, Department of biotechnology


External examiners

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THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "DNA CHARACTERIZATION PRESERVATION AND SEED GERMINATION OF KMD VARIETY OF KAM BEAN (*PACHYRHIZUS EROSUS* L.)" is bonafide record of the work done by Ms. ANISHMA S B of Emmanuel college Vazhichal towards the partial fulfillment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

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LECTURER IN CHARGE

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DECLARATION
I hereby declare that the above mentioned work is the bonafide record of the work done by the student mentioned above.

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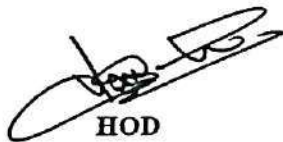
18.5.2024

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CERTIFICATE

This is to certify that the project report entitled "RIBOTYPING OF SALT PAN BORNE PIGMENT PRODUCING BACTERIA" is bonafide record of the work done by Ms ASWATHI DAS CS of Emmanuel College, Vazhichal, Thiruvananthapuram towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the university of Kerala during the period 2020-2023.


HOD


Lecturer in charge


Principal

Dr. VIJAYAKUMAR
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Kudappanadu P.O. P-188550

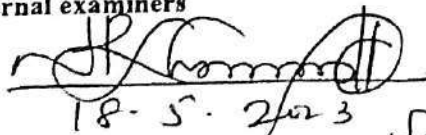
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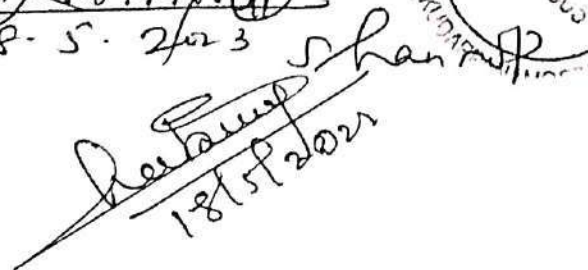


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CERTIFICATE

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PIGMENT PRODUCING HALOPHILE BACTERIA FROM SALT PAN" is bonafide
record of work done by Ms. ATHIRA SATHEESH, Mr. ADITHYAN JR, Mr. ABIN SR.
~~Mr. ABHIJITH DD, Ms. MS ABHIRAMI~~ of Emmanuel college Vazhichal towards the
partial fulfilment of the requirements of the award of Bachelor of Science in Botany and
Biotechnology from the University of Kerala during the period of 2020-2023.


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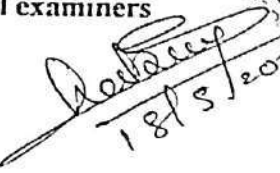

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EMMANUEL COLLEGE
VAZHICHAL


Head, Department of Biotechnology

External examiners

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- 2)


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This is to certify that the project report entitled "DNA BARCODING OF ADIANTUM TRAPAZIFORME" is bonafide record of work done by ~~Aleena S Edwin, Sameera R, Nithya Sreekumar S~~ and Athul G S of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.



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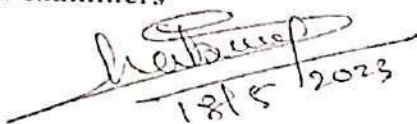


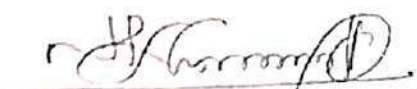
Dr. J. VIJAYAKUMAR
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Head, Department of biotechnology
EMMANUEL COLLEGE
VAZHICHAL

External examiners

- 1)
- 2)


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CERTIFICATE

This is to certify that the project report entitled "SCREENING AND ISOLATION OF PIGMENT PRODUCING HALOPHILES FROM SALT PAN" is bonafide record of work done by ~~Ms. ANEETA ALOSIOUS, Ms. AKSHAYA ASHOK M, Ms. VIJILA V J;~~ Ms. SRUTHI S, Ms. BISMILB, towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

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Kudappanamoodu P.O, Pin 695505

Head, Department of Biotechnology

External examiners

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- 2) 18.5.2023 Shanil

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Mr. ABHIJITH DD, Ms. MS ABHIRAMI of Emmanuel college Vazhichal towards the
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HOD LECTURER IN CHARGE PRINCIPAL

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EMMANUEL COLLEGE
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External Examiners:

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VAZHICHAL

Head, Department of biotechnology

External examiners

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- 2)

18.5.2023 Shari


EMMANUEL COLLEGE
VAZHICHAL
THIRUVANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "DNA BARCODING OF ADIANTUM TRAPAZIFORME" is bonafide record of work done by Sameera R of Emmanuel college Vazhichal towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.


Research guide

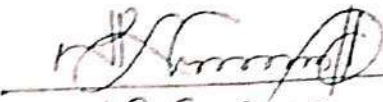

DEPARTMENT OF BOTANY AND
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EMMANUEL COLLEGE
VAZHICHAL


Head, Department of biotechnology

External examiners

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18/05/23


18-5-2023 Shanu

Dr. J. M. AVAKUM
Emmanuel College
Vazhichal

THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY




CERTIFICATE

This is to certify that the project report entitled "RIBOTYPING OF SALT PAN BORNE PIGMENT PRODUCING BACTERIA" is bonafide record of the work done by Ms Sneha A. of Emmanuel College, Vazhichal, Thiruvananthapuram towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the university of Kerala during the period 2020-2023.


HOD


Lecturer in charge




Principal

DEPARTMENT OF BOTANY AND
BIOTECHNOLOGY
EMMANUEL COLLEGE
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DR. J. M. JAYAKUMAR
Principal
Emmanuel College
Vazhichal

EMMANUEL COLLEGE
VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY




CERTIFICATE

This is to certify that the project report entitled "ISOLATION AND IDENTIFICATION OF PHARMACOLOGICALLY ACTIVE ENDOPHYTIC BACTERIA FROM ADIANTUM SPECIES" is bonafide record of the work done by Ms. SNEHA SURESH G, Ms LAKSHMI A, Ms ANJALI A S, Ms ADITHYA A S and Ms RENU RAJ R B of Emmanuel College, Vazhichal, Thiruvananthapuram towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the university of Kerala during the period 2020-2023.


HOB
DEPARTMENT OF BOTANY AND
BIOTECHNOLOGY
EMMANUEL COLLEGE
VAZHICHAL


Lecturer in charge

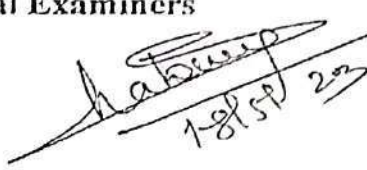
Dr. J. VIJAYAKUMAR
Principal
Emmanuel College, Vazhichal
Kudappanadu P.O. Pin-695595

Principal

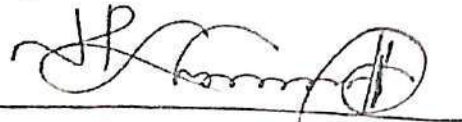


External Examiners

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18.5.23



18.5.2023 Shan NP

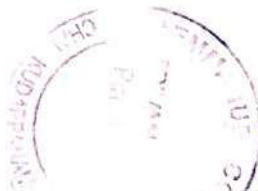
EMMANUEL COLLEGE
VAZHICHAL
THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "SCREENING AND ISOLATION OF PIGMENT PRODUCING HALOPHILES FROM SALT PAN" is bonafide record of work done by Ms. SRUTHI S towards the partial fulfilment of the requirements of the award of Bachelor of Science in Botany and Biotechnology from the University of Kerala during the period of 2020-2023.

Research guide



Dr. J. VIJAYAKUMAR
Principal
Emmanuel College Vazhichal,
Kudappanadu P.O., Pin 686001

Head, Department of Biotechnology

DEPARTMENT OF BOTANY
BIOTECHNOLOGY
EMMANUEL COLLEGE
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External examiners

1)

2)

18.5.2023

18.5.2023

EMMANUEL
VAZHACHAL
THIRUVARUR
DEPARTMENT OF BOTANY

COLLEGE
HAI
THAPURAM
AND BIOTECHNOLOGY

CERTIFICATE

This is to certify that the project
PRESERVATION AND SEED GERM
YAM BEAN (*PACHYRRHIZUS EROSUS*)
UNNIKRISHNAN POTTY M.A
partial fulfilment of the requirements of
Biotechnology from the University of Kerala

entitled "DUS CHARACTERISATION
ION OF ANDAMAN GERMPASM OF
bonafide record of the work done by Mr.
Emmanuel college Vazhachal towards the
ard of Bachelor of Science in Botany and
ng the period of 2020-2023

HOD LECTURER IN CHARGE

PRINCIPAL

EMMANUEL COLLEGE
VASHACHAL
THIRUVARUR
KARNATAKA

External Examiners:

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2




Dr J VIJAYAKUMAR
Emmanuel College Vazhachal
Kudremukh


EMMANUEL COLLEGE
VAZHICHAL
THIRUVANTHAPURAM
DEPARTMENT OF BOTANY AND BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project report entitled "RIBOTYPING OF "SALT PAN BORNE
PIGMENT PRODUCING BACTERIA" is bonafide record of the work done by
~~M. MEDHURIA S.M. M. NIHAHA~~ ~~SUBHANA S.~~ Ms. VRINDA P KESH, ~~Ms. ANWITA~~
~~Ms. CS. VISHWAKSANA A~~ of Emmanuel College, Vazhichal, Thiruvananthapuram towards the
partial fulfillment of the requirements of the award of Bachelor of Science in Botany and
Biotechnology from the university of Kerala during the period 2020-2023.


HOD



Lecturer in charge

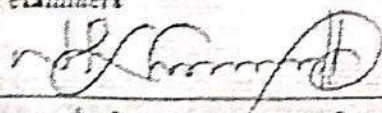
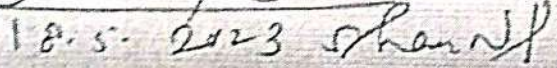

Principal


DEPARTMENT OF BOTANY AND
BIOTECHNOLOGY
EMMANUEL COLLEGE
VAZHICHAL.



Dr. J. M. VAKUNAR
Emmanuel College
Thiruvandrum


External examiners

1. 
2. 
18.5.2023


18/5/2023



CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES

CRMAS/Cert/2023/03/010

20th MARCH, 2023

CERTIFICATE

This is to certify that the work entitled **"ALKALOID BERBERINE MITIGATES DNA DAMAGES AND CELLULAR SENESCENCE IN EXPERIMENTAL AGEING – AN *In vitro* STUDY"** is a bonafide project work done by **ATHIRA. R. S., BLESSAN. V. A., NIRANJANA AJAY. S., NEETHU. B., and KARTHIKA. S. S.**, students of **EMMANUEL COLLEGE OF ARTS AND SCIENCE, Vazhichal, Thiruvananthapuram (Affiliated to UNIVERSITY OF KERALA)** in partial fulfilment of Bachelors Degree in Biochemistry.

Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

Dr. RAJESH RAMACHANDRAN
Director and Research Head
Center for Research on Molecular
& Applied Sciences (P.) Ltd.
Valiyavila, Thiruvananthapuram - 6

CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES PVT LTD
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Ph : 0471 2345059. MOB : +91 98953 49416



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

CERTIFICATE

This is to certify that the thesis "**ALKALOID BERBERINE MITIGATES DNA DAMAGES AND CELLULAR SENESCENCE IN EXPERIMENTAL AGEING - AN *In vitro* STUDY**" submitted to the **EMMANUEL COLLEGE OF ARTS AND SCIENCE**, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Biochemistry** is a record of bonafide research work done by **ATHIRA. R. S., BLESSAN. V. A., NIRANJANA AJAY. S., NEETHU. B., and KARTHIKA. S. S.**, during sixth semester, 2023 in the **Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India** under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.



Signature of Internal Guide

External Examiners

1:

2:

Rajy
17/5/2023



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

BONAFIDE CERTIFICATE

Certified that this thesis titled "NANOALBUMIN LOADED DOXORUBICIN SENSITIZES HUMAN OVARIAN CANCER CELLS BY REACTIVATING p53 AND INDUCE APOPTOSIS" is the bonafide work of NITHYA. V. S., GOPIKA. J. A., ARDRA AJI, N. GOWRI NANDAN and NANDANA. I. R., who carried out the research work under the supervision and guidance of Dr. RAJESH RAMACHANDRAN, Director, Biogenix Research Center, Thiruvananthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.



Dr. Lekshmi Vijayanathan
HOD and Associate professor
in biochemistry


29/3/23
Signature of the Internal Guide

BIJILA V. X.

Place : THIRUVANANTHAPURAM
Date :



CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES

CRMAS/Cert./2023/03/011


20th MARCH, 2023

CERTIFICATE

This is to certify that the work entitled "NANOALBUMIN LOADED DOXORUBICIN SENSITIZES HUMAN OVARIAN CANCER CELLS BY REACTIVATING p53 AND INDUCE APOPTOSIS" is a bonafide project work done by NITHYA. V. S., GOPIKA. J. A., ARDRA AJI, N. GOWRINANDAN and NANDANA. I. R., students of EMMANUEL COLLEGE OF ARTS AND SCIENCE, Vazhichal, Thiruvananthapuram (Affiliated to UNIVERSITY OF KERALA) in partial fulfilment of Bachelors Degree in Biochemistry.

Under the guidance and supervision




Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD
Center for Research on Molecular
& Applied Sciences Pvt. Ltd.
Valiyavila, Thiruvananthapuram - 6

CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES PVT LTD
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KERALA, INDIA
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VAZHICAL, THIRUVANANTHAPURAM-695510

DEPARTMENT OF BIOCHEMISTRY

BONIFIED CERTIFICATE

Certified that this thesis titled "Cytotoxic potential of selected medicinal plants against multi-drug resistant isolates of *Escherichia coli*, *Pseudomonas* and *Klebsiella*" is the bonified work of JESMINE JOHNSON, SHAHNAS KABEER A.K, SRUTHI. S.KUMAR, JOYAL SHIBU, JOBIN. J who carried out the research work under the supervision and guidance of DR. Aneesh Nair principal scientist and head Dr. Himma. L scientific officer of NIMS center of genomic Medicity, Neyyattinkara, Thiruvananthapuram. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree are award was conferred on earlier occasion on this or any other scholar.

Head of the department
Dr. Lekshmi Vijayanathan
HOD and Associate professor in Biochemistry

Signature of the Internalguide
Shyma R L

Place : THIRUVANANTHAPURAM
DATE :





**EMMANUEL COLLEGE OF ARTS AND SCIENCE
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KERALA, INDIA
EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, THIRUVANATHAPURAM-695510**

DEPARTMENT OF BIOCHEMISTRY

BONIFIED CERTIFICATE

Certified that this thesis titled "**Cytotoxic potential of selected medicinal plants against multi-drug resistant isolates of Escherichia coli, pseudomonas and Klebsiella**" is the bonified work of **JESMINE JOHNSON, SHAHNAS KABEER A.K , SRUTHI. S.KUMAR, JOYAL SHIBU, JOBIN. J** who carried out the research work under the supervision and guidance of **DR. Aneesh Nair** principal scientist and head **Dr. Hima. L** scientific officer of NIMS center of genomic Medicity, Neyyattinkara, Thiruvananthapuram. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree are award was conferred on earlier occasion on this or any other scholar.

Head of the department
Dr. Lekshmi Vijayanathan
HOD and Associate professor in Biochemistry

Signature of the Internalguide
Shyma R L

Place : THIRUVANATHAPURAM
DATE :

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CERTIFICATE

This is to certify that **Mr. NANDU KRISHNA C S**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, "**Pharmacological Analysis and Production Optimization of Prodigiosin from *Serratia marcescens***" at NIMS CGM from **26.12.2022 to 06.01.2023**.

Dr. Hima. L
Scientific Officer

Dr. Anesh Nair
Principal Scientist & Head



Certificate No. NIMSCGM/2022-23/P043



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

BONAFIDE CERTIFICATE

Certified that this thesis titled "PHARMACOLOGICAL ANALYSIS AND PRODUCTION OPTIMIZATION OF PRODIGIOSIN FROM *SERRATIA MARCESCENS*" is the Bonafide work of ANJANA. L., ARYA. S. NAIR, NANDU KRISHNA, NEETHU. V.S., SUFINA ZAINAB who carried out the research work under the supervision and guidance of DR. ANEESH NAIR, Principal Scientist and Head, NIMS Centre for Genomic Medicine, Neyyattinkara, Thiruvananthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.



Head of department

Dr. Lekshmi Vijayanathan
HOD And Associate Professor
in biochemistry


Signature of the Internal Guide

Reni Christabel H.P

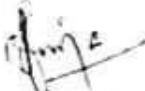
Place : THIRUVANANTHAPURAM
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Aaralummodu, Neyyattinkara Trivandrum,
Kerala-695123

www.nimsgenomics.com 04712223542 (Extn.930), 8089893037 contact@nimsgenomics.com

CERTIFICATE

This is to certify that Ms. DHANYA M, currently pursuing B.Sc. Biochemistry from Emmanuel College, Vazhichal has successfully completed her Final Year Dissertation Project titled, "Screening and Identification of Phytase-producing Bacteria from Garden Soil" at NIMS CGM from 26.12.2022 to 06.01.2023.


Dr. Hima. L.
Scientific Officer
Dr. Aneesh Nair
Principal Scientist & Head

Certificate No. NIMSCGM/2022-23/P027



EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL, THIRUVANANTHAPURAM - 695510

KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

BONAFIDE CERTIFICATE

Certified that this thesis titled **"SCREENING AND IDENTIFICATION OF PHYTASE - PRODUCING BACTERIA FROM GARDEN SOIL"** is the bonafide work of **AKSHAYA. P., DHANYA. M., JEFI. S. JASMIN., KRIPA. R., SIVAGANGA. A. S., SNEHA SATHEESH. V. S.** who carried out the research work under the supervision and guidance of **DR. ANEESH NAIR**, Principal Scientist and Head, NIMS Centre for Genomic Medicine, NIMS Medicity, Neyyattinkara, Thiruvanthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.



Head of Department

Dr. Leelshmi V. V.
HOD and Associate professor
in biochemistry


Signature of the Internal Guide

Place : THIRUVANANTHAPURAM


Date :



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA


DEPARTMENT OF BIOCHEMISTRY
CERTIFICATE


This is to certify that the thesis "**PHARMACOLOGICAL ANALYSIS AND PRODUCTION OPTIMIZATION OF PRODIGIOSIN FROM *SERRATIA MARCESCENS***" submitted to the **EMMANUEL COLLEGE OF ARTS AND SCIENCE**, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Biochemistry** is a record of Bonafide research work done by during sixth semester, 2023 in the **Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India** under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.


Counter signed
Head of department

Signature of Internal Guide

External Examiners

1:  Do Anu V.

2:  Date: 11/5/2023

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KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY
CERTIFICATE

This is to certify that the thesis "PHARMACOLOGICAL ANALYSIS AND PRODUCTION OPTIMIZATION OF PRODIGIOSIN FROM *SERRATIA MARCESCENS*" submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Biochemistry** is a record of Bonafide research work done by during sixth semester, 2023 in the **Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India** under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.


Countersigned
Head of department


Signature of Internal Guide

External Examiners

1:  Do. Ann U.

2: 
11/5/2023



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, THIRUVANATHAPURAM- 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY
BONAFIDE CERTIFICATE

Certified that this thesis titled **"ANALYSIS OF CELLULASE SYNTHESIS ACTIVITY OF SOIL BACTERIA"** is the bonafide record of the work of **Lincy M, Haritha Nair HS, Abdulla N, Megha Susan Varghese, Revathy R** who carried out the research work under the supervision and guidance of **Dr. ANEESH NAIR** (Principal Scientist and head, NIMS Centre for Genomic Medicine) **Dr. Hima L** (Scientific Officer, NIMS Centre for Genomic Medicine Neyyattinkara, Thiruvananthapuram). Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.

Head of the Department

Dr. Lekshmi Vijayananthan

HOD and Associate professor in
Biochemistry



Signature of the Internal Guide

Dr. Lekshmi Vijayananthan

Lekshmi
18/4/23

Place: THIRUVANANTHAPURAM

Date:

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MedicineNIMS Centre for Genomic Medicine
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Trivandrum, Kerala - 695123www.nimsgenomics.com ☎ 0471 2223542 (Extn.930), 8089893037 contact@nimsgenomics.com

CERTIFICATE

This is to certify that **Ms. LINCY M**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, **"Analysis of Cellulase Synthesis Activity of Soil Bacteria"** at NIMS CGM from **26.12.2022** to **06.01.2023**.

Dr. Hima. L
Scientific Officer



Dr. Anceesh Nair
Principal Scientist & Head

CONSULTATION

DIAGNOSTICS

TRAINING

RESEARCH

**NIMS**CENTRE FOR
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CERTIFICATE

This is to certify that **Ms. SHAHANAS KABEER A K**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, "**Cytotoxic Potentials of Selected Medicinal Plants against Multidrug Resistant Isolates of *Escherichia Coli*, *Pseudomonas* and *Klebsiella***" at NIMS CGM from **26.12.2022 to 06.01.2023**.

Dr. Hima. L.
Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head



Certificate No. NIMSCGM/2022-23/P048


EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM-695510, KERALA, INDIA



DEPARTMENT OF BIOCHEMISTRY
BONAFIDE CERTIFICATE

Certified that this thesis titled "Cytotoxic potential of selected medicinal plants against multidrug resistant isolates of Escherichia coli, pseudomonas and Klebsiella" is the bonafide work of, Ms. SHAHANAS KABEER A.K, Ms. JESMINE JOHNSON, Ms. SRUTHI.S.KUMAR, Mr. JOYAL SHIBU, Mr. JOBIN.J who carried out the research work under the supervision and guidance of DR. Aneesh Nair , principal scientist and head Dr.Hima. L, scientific officer of NIMS Centre of genomic Medicity, Neyyattinkara, Thiruvananthapuram. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree are award was conferred on earlier occasion on this or any other scholar.

Head of the department


Dr. Lekshmi Vijayanathan
HOD and Associate professor in Biochemistry



Signature of Internal Guide


Shyma R L

Place: THIRUVANANTHAPURAM

Date:

**NIMS**CENTRE FOR
Genomic
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NIMS Medicity
Aaralummodu, Neyyattinkara
Trivandrum, Kerala - 695123www.nimsgenomics.com ☎ 0471 2223542 (Extn.930), 8089893037 contact@nimsgenomics.com

CERTIFICATE

This is to certify that **Ms. SNEHA SATHEESH V S**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, **"Screening and Identification of Phytase-producing Bacteria from Garden Soil"** at NIMS CGM from **26.12.2022 to 06.01.2023**.

Dr. Hima. L
Scientific Officer



Dr. Aneesh Nair
Principal Scientist & Head

Certificate No. NIMSCGM/2022-23/P031



EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA


DEPARTMENT OF BIOCHEMISTRY

CERTIFICATE

This is to certify that the thesis "SCREENING AND IDENTIFICATION OF PHYTASE - PRODUCING BACTERIA FROM GARDEN SOIL " submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Biochemistry is a record of bonafide research work done by AKSHAYA.P., DHANYA.M., JEF.I.S.JASMIN., KRIPA.R., SIVAGANGA.A.S., SNEHA SATHEESH.V.S. during sixth semester, 2023 in the Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.


18/4/23
Countersigned




18/4/23
Signature of Internal Guide
Head of department

External Examiners

1: 

2: 
17/5/2024



CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES

CRMAS/Cert./2023/06/099

27th JUNE, 2023

CERTIFICATE

This is to certify that the work entitled **“NANOALBUMIN LOADED DOXORUBICIN SENSITIZES HUMAN OVARIAN CANCER CELLS BY REACTIVATING p53 AND INDUCE APOPTOSIS”** is a bonafide project work done by **ARDRA AJI**, student of **EMMANUEL COLLEGE OF ARTS AND SCIENCE, Vazhichal, Thiruvananthapuram** (Affiliated to **UNIVERSITY OF KERALA**) in partial fulfilment of Bachelors Degree in **Biochemistry**.

Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

CENTER FOR RESEARCH ON MOLECULAR AND APPLIED SCIENCES PVT LTD
(Formerly Biogenix Research Center)

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KERALA, INDIA**

DEPARTMENT OF BIOCHEMISTRY

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Under the guidance and supervision




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Certified that this thesis titled "Cytotoxic potential of selected medicinal plants against multidrug resistant isolates of Escherichia coli, pseudomonas and Klebsiella" is the bonafide work of, Ms. SHAHANAS KABEER A.K, Ms. JESMINE JOHNSON, Ms. SRUTHI.S.KUMAR, Mr. JOYAL SHIBU, Mr. JOBIN.J who carried out the research work under the supervision and guidance of DR. Aneesh Nair , principal scientist and head Dr.Hima. L, scientific officer of NIMS Centre of genomic Medicity, Neyyattinkara, Thiruvananthapuram. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree are award was conferred on earlier occasion on this or any other scholar.

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This is to certify that **Mr. JOYAL SHIBU**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, "**Cytotoxic Potentials of Selected Medicinal Plants against Multidrug Resistant Isolates of *Escherichia Coli*, *Pseudomonas* and *Klebsiella***" at NIMS CGM from **26.12.2022 to 06.01.2023**.



Dr. Hima. L
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Dr. Aneesh Nair
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This is to certify that the thesis "SCREENING AND IDENTIFICATION OF PHYTASE - PRODUCING BACTERIA FROM GARDEN SOIL " submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Biochemistry is a record of bonafide research work done by AKSHAYA.P., DHANYA.M., JEFILS.JASMIN., KRIPA.R., SIVAGANGA.A.S., SNEHA SATHEESH.V.S. during sixth semester, 2023 in the Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.


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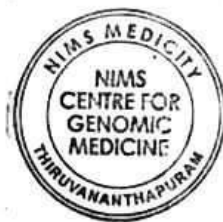
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Neena M. John

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Date : 27/8/23

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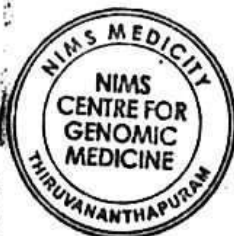
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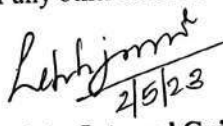
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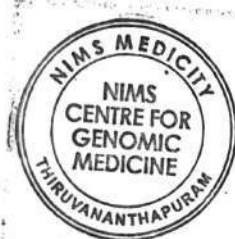
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Head of the Department

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HOD and Associate professor in
Biochemistry


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Dr. Lekshmi Vijayanathan

Place: THIRUVANANTHAPURAM

Date:

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This is to certify that Ms. **HARITHA NAIR H S**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, "**Analysis of Cellulase Synthesis Activity of Soil Bacteria**" at NIMS CGM from **26.12.2022** to **06.01.2023**.

Dr. Hima. L
Scientific Officer



Dr. Anceesh Nair
Principal Scientist & Head

Certificate No. NIMSCGM/2022-23/P032

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DEPARTMENT OF BIOCHEMISTRY
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Certified that this thesis titled **"ANALYSIS OF CELLULASE SYNTHESIS ACTIVITY OF SOIL BACTERIA"** is the bonafide record of the work of **Lincy M, Haritha Nair HS, Abdulla N, Megha Susan Varghese, Revathy R** who carried out the research work under the supervision and guidance of **Dr. ANEESH NAIR** (Principal Scientist and head, NIMS Centre for Genomic Medicine) **Dr. Hima L** (Scientific Officer, NIMS Centre for Genomic Medicine Neyyattinkara, Thiruvananthapuram). Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.



Head of the Department

Dr. Lekshmi Vijayanathan

HOD and Associate professor in
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Place: THIRUVANANTHAPURAM

Date:

Lekshmi
21/5/23

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Dr. Lekshmi Vijayanathan

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This is to certify that **Ms. SUFINA ZAINAB**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, "**Pharmacological Analysis and Production Optimization of Prodigiosin from *Serratia marcescens***" at NIMS CGM from **26.12.2022 to 06.01.2023**.

Dr. Hima. L.
Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head





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VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY
CERTIFICATE

This is to certify that the thesis "PHARMACOLOGICAL ANALYSIS AND PRODUCTION OPTIMIZATION OF PRODIGIOSIN FROM *SERRATIA MARCESCENS*" submitted to the EMMANUEL COLLEGE OF ARTS AND SCIENCE, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Biochemistry** is a record of Bonafide research work done by during sixth semester, 2023 in the **Department of Biochemistry, Emmanuel College Of Arts and Science, Vazhichal, Thiruvananthapuram - 695510, Kerala, India** under my supervision and guidance and the thesis has not formed the basis for any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University so far.




Signature of Internal Guide

External Examiners

1: 

2: 
17/5/2023



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KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

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Certified that this thesis titled "SCREENING AND IDENTIFICATION OF PHYTASE - PRODUCING BACTERIA FROM GARDEN SOIL" is the bonafide work of AKSHAYA. P., DHANYA. M., JEFL. S. JASMIN., KRIPA. R., SIVAGANGA. A. S., SNEHA SATHEESH. V. S. who carried out the research work under the supervision and guidance of DR. ANEESH NAIR, Principal Scientist and Head, NIMS Centre for Genomic Medicine, NIMS Medicity, Neyyattinkara, Thiruvanthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.

Head of department

Dr. Lekshmi Vijayarathnam
HOD and Associate professor
in biochemistry



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Place : THIRUVANANTHAPURAM

Date :

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CERTIFICATE

This is to certify that Ms. AKSHAYA P, currently pursuing B.Sc. Biochemistry from Emmanuel College, Vazhicheal has successfully completed her Final Year Dissertation Project titled, "Screening and Identification of Phytase-producing Bacteria from Garden Soil" at NIMS CGM from 26.12.2022 to 06.01.2023.

Dr. Hima. L
Scientific Officer



Dr. Anesh Nair
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VAZHICHAL, THIRUVANANTHAPURAM - 695510
KERALA, INDIA

DEPARTMENT OF BIOCHEMISTRY

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Dr. Lekshmi Vijayanathan
HOD and Associate professor
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Signature of the Internal Guide

Place : THIRUVANANTHAPURAM

Date : 18-05-2023



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Aralumoodu, Neyyattinkara, Thiruvananthapuram - 695123

CERTIFICATE

This is to certify that **Mr. JOBIN J**, currently pursuing **B.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, "**Cytotoxic Potentials of Selected Medicinal Plants against Multidrug Resistant Isolates of *Escherichia Coli*, *Psuedomonas* and *Klebsiella***" at NIMS CGM from **26.12.2022** to **06.01.2023**.

Dr. Anceesh Nair
Principal Scientist & Head
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Shri. M. S Faizal Khan
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This is to certify that Mr. JOBIN J, currently pursuing B.Sc. Biochemistry from Emmanuel College, Vazhichal has successfully completed his Final Year Dissertation Project titled, "Cytotoxic Potentials of Selected Medicinal Plants against Multidrug Resistant Isolates of *Escherichia Coli*, *Pseudomonas* and *Klebsiella*" at NIMS CGM from 26.12.2022 to 06.01.2023.

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DEPARTMENT OF BIOCHEMISTRY

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Certified that this thesis titled "**ALKALOID BERBERINE MITIGATES DNA DAMAGES AND CELLULAR SENESENCE IN EXPERIMENTAL AGEING - AN *In vitro* STUDY**" is the bonafide work of **ATHIRA. R. S., BLESSAN. V. A., NIRANJANA AJAY. S., NEETHU. B., and KARTHIKA. S. S.** who carried out the research work under the supervision and guidance of **Dr. RAJESH RAMACHANDRAN**, Director, Biogenix Research Center, Thiruvananthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.



Dr. Lekshmi Vijayanathan
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Neena M. John

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Date: 27/3/23



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DEPARTMENT OF BIOCHEMISTRY

BONAFIDE CERTIFICATE

Certified that this thesis titled **"NANOALBUMIN LOADED DOXORUBICIN SENSITIZES HUMAN OVARIAN CANCER CELLS BY REACTIVATING p53 AND INDUCE APOPTOSIS"** is the bonafide work of **NITHYA. V. S., GOPIKA. J. A., ARDRA AJI, N. GOWRI NANDAN and NANDANA. I. R.**, who carried out the research work under the supervision and guidance of **Dr. RAJESH RAMACHANDRAN**, Director, Biogenix Research Center, Thiruvananthapuram, Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other scholar.


Head of Department

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BIJILA V. X.

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20th MARCH, 2023

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This is to certify that the work entitled **"NANOALBUMIN LOADED DOXORUBICIN SENSITIZES HUMAN OVARIAN CANCER CELLS BY REACTIVATING p53 AND INDUCE APOPTOSIS"** is a bonafide project work done by **NITHYA. V. S., GOPIKA. J. A., ARDRA AJI, N. GOWRINANDAN and NANDANA. I. R.**, students of **EMMANUEL COLLEGE OF ARTS AND SCIENCE, Vazhichal, Thiruvananthapuram (Affiliated to UNIVERSITY OF KERALA)** in partial fulfilment of Bachelors Degree in Biochemistry.

Under the guidance and supervision




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Dr. RAJESH RAMACHANDRAN
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This is to certify that **Ms. JESMINE JOHNSON**, currently pursuing **B.Sc.Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, “**Cytotoxic Potentials of Selected Medicinal Plants against Multidrug Resistant Isolates of *Escherichia Coli*, *Pseudomonas* and *Klebsiella*** ”at NIMS CGM from **26.12.2022 to 06.01.2023**.

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Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head


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Certified that this thesis titled "Cytotoxic potential of selected medicinal plants against multidrug resistant isolates of Escherichia coli, pseudomonas and Klebsiella" is the bonafide work of, Ms. SHAHANAS KABEER A.K, Ms. JESMINE JOHNSON, Ms. SRUTHI.S.KUMAR, Mr. JOYAL SHIBU, Mr. JOBIN.J who carried out the research work under the supervision and guidance of DR. Aneesh Nair , principal scientist and head Dr.Hima. L, scientific officer of NIMS Centre of genomic Medicity, Neyyattinkara, Thiruvananthapuram. Certified further, that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree are award was conferred on earlier occasion on this or any other scholar.

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DIRECTOR & RESEARCH HEAD

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Head of department

Dr. Lekshmi Vijayanathan
HOD and Associate professor
in Biochemistry



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Date : 27/3/23



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Head of department

Dr. Lekshmi Vijayanathan
HOD and Associate professor
in Biochemistry

Signature of the Internal Guide

Neena M. John

Place : THIRUVANANTHAPURAM
Date : 27/3/23



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Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

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Head of department

Dr. Lekshmi Vijayanathan
HOD and Associate professor
in Biochemistry



Signature of the Internal Guide

Neena M. John

Place: THIRUVANANTHAPURAM
Date: 27/3/23



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Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

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Dr. Lekshmi Vijayanathan
HOD and Associate professor
in Biochemistry

Signature of the Internal Guide

Neena M. John

Place: THIRUVANANTHAPURAM

Date: 27/3/23

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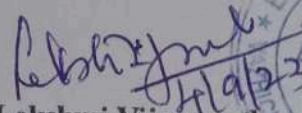


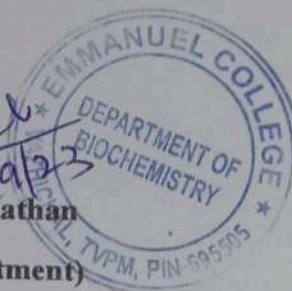
**DEPARTMENT OF BIOCHEMISTRY
BONAFIDE CERTIFICATE**

This is to certify that the dissertation entitled, “**Screening and identification of pectinase producing bacteria**” is an authentic record of research work carried out by **Ms. Adithya N.S** at **NIMS Centre for Genomic medicine, NIMS Medicity, Neyyattinkara, Thiruvananthapuram** under the guidance of **Dr. Hima L** in the partial fulfilment of the requirements for the award of the Post graduation in Biochemistry at Emmanuel College, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

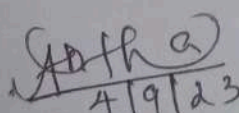
Examiners

1.


Dr. Lekshmi Vijayanathan
(Head of the Department)



2.


Mrs. Ajitha Nair V
(Internal Guide)

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CERTIFICATE

This is to certify that Ms. ADITHYA N.S. currently pursuing M.Sc. **Biochemistry** from Emmanuel College, Vazhichal has successfully completed her Final Year Dissertation Project titled, "Screening and identification of pectinase producing bacteria" at NIMS CGM from 10.4.2023 to 10.06.2023.

Dr. Hima. L
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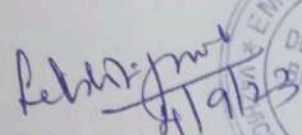


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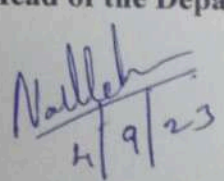
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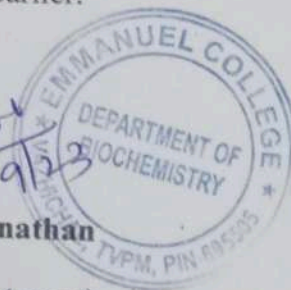

Dr. Lekshmi Vijayanathan

(Head of the Department)

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Ms. Neena M John

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This is to certify that **Ms. ANJANA M. BABU**, currently pursuing **M.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed her **Final Year Dissertation Project** titled, **“Phyto-endo-microbiome derived metabolites to inhibit efflux pump in MDR pathogens”** at NIMS CGM from **10.4.2023 to 10.06.2023**.

Dr. Hima. L
Scientific Officer

Dr. Aneesh Nair
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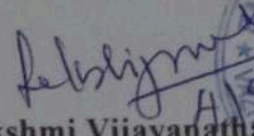


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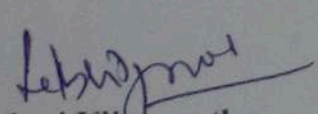
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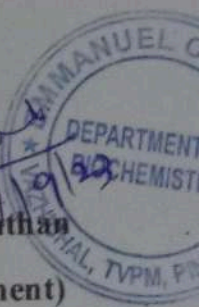
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Dr. Lekshmi Vijayanathan
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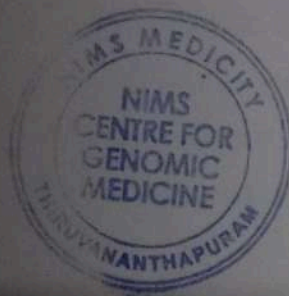
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This is to certify that **Mr. ANOJ S.L** currently pursuing **M.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, "**Cellulolytic potentials of extracellular enzyme from rhizosphere bacteria**" at NIMS CGM from **10.4.2023 to 10.06.2023**.

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This is to certify that the dissertation entitled, "**GENETIC DIVERSITY ANALYSIS OF *ENTEROCOCCUS FAECALIS* FROM EARLY CHILDHOOD CARIES PATIENTS**" is an authentic record of research work carried out by **Ms. Arathy A J** at **NIMS Centre for Genomic Medicine, Aralumoodu, Neyyattinkara, Thiruvananthapuram**, under the guidance of **Dr. Aneesh Nair, Principal Scientist, NIMS Centre for Genomic Medicine**, in the partial fulfilment of the requirements for the award of the Post-graduation in Biochemistry at Emmanuel College for Arts and Science, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

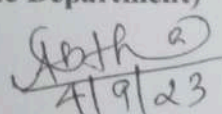
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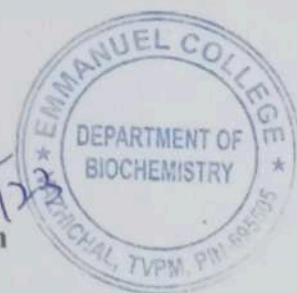

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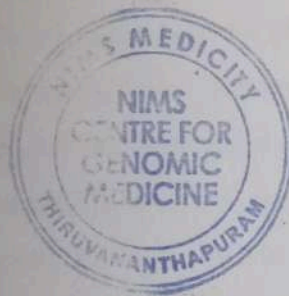
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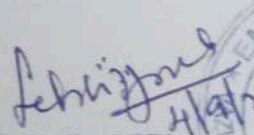
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This is to certify that the dissertation entitled, "GREEN SYNTHESIS OF NANOPARTICLES FROM *Moringa oleifera* Lam. AND ITS PHARMACOLOGICAL ANALYSIS" is an authentic record of research work carried out by Ms. Arsharaj K at NIMS Centre for Genomic Medicine, Neyyattinkara, Thiruvananthapuram under the guidance of Dr. Aneesh Nair, Principal scientist, NIMS Centre for Genomic Medicine, Thiruvananthapuram, in the partial fulfilment of the requirements for the award of the Post-graduation in Biochemistry at Emmanuel College, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

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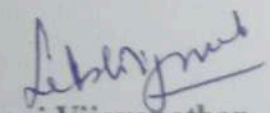
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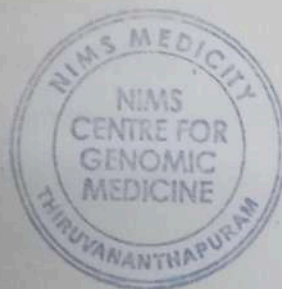
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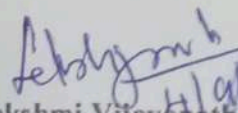


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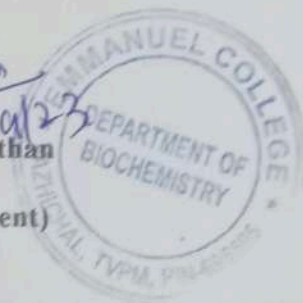
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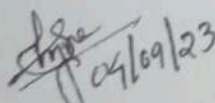
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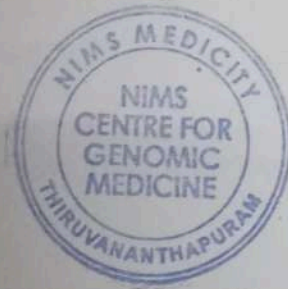
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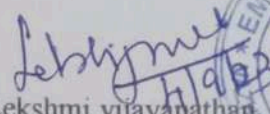


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This is to certify that the dissertation entitled, “ **Invitro studies on the senolytic effects of fisetin on UV induced cellular senescence** ” is an authentic record of research work carried out by **Mrs. Bincy J R** at **Centre for research on molecular and applied sciences pvt Ltd, Thiruvananthapuram** under the guidance of **Mrs. Kavya Manikantan** in the partial fulfilment of the requirements for the award of the Post graduation in Biochemistry at Emmanuel College, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

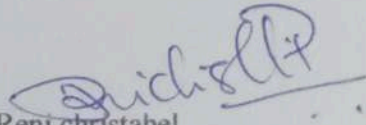
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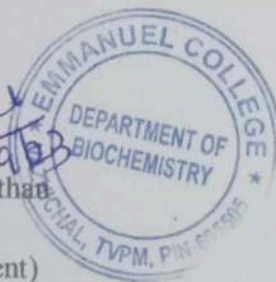

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Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

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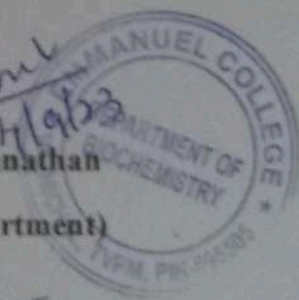
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Dr. Lekshmi Vijayanathan

(Head of the Department)

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Neena
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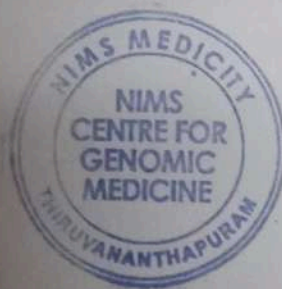
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Dr. Hima. L
Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head



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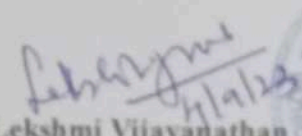
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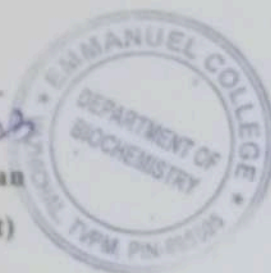
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Dr. Lekshmi Vijayanathan
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Mrs. Bijila V X
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Under the guidance and supervision



Dr. RAJESH RAMACHANDRAN
DIRECTOR & RESEARCH HEAD

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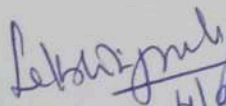
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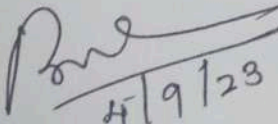
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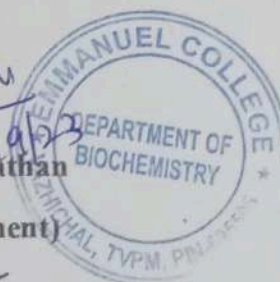
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Dr. Lekshmi Vijayanathan
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Ms. Bijila V X
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Dr. Hima. L.
Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head



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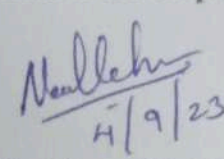
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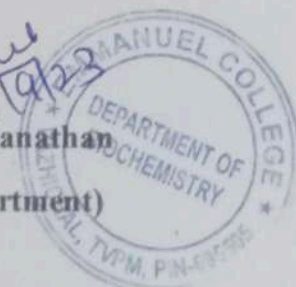

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BONAFIDE CERTIFICATE


This is to certify that the dissertation entitled, "Protease production in bacterial sources isolated from Dairy soil" is an authentic record of research work carried out by **Mr. Rejin J.R** at NIMS Centre for Genomic medicine, NIMS Medicity, Neyyattinkara, Thiruvananthapuram under the guidance of Dr.Hima L in the partial fulfilment of the requirements for the award of the Post graduation in Biochemistry at Emmanuel College, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

Examiners

1.

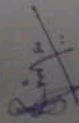

Dr. Lekshmi Vijayanathan
(Head of the Department)

2.


Mrs. Reni christabel
(Internal Guide)

CERTIFICATE

This is to certify that **Mr. REJIN J.R.** currently pursuing **M.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, **"Protease production from bacterial sources isolated from dairy soil"** at **NIMS CGM** from **10.4.2023** to **10.06.2023**.



Dr. Hima. L.
Scientific Officer



Dr. Aneesh Nair
Principal Scientist & Head



**EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICHAL, THIRUVANANTHAPURAM**

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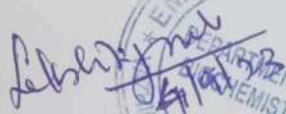


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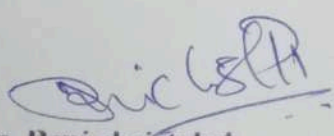
Examiners

1.


Dr. Lekshmi Vijayanathan
(Head of the Department)



2.


Mrs. Reni christabel
(Internal Guide)

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NIMS Medicity
Aaralummodu, Neyyattinkara
Trivandrum, Kerala - 695123

www.nimsgenomics.com | 0471 2223542 (Extn 930), 80898 93037 | contact@nimsgenomics.com

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This is to certify that **Mr. REJIN J.R.** currently pursuing **M.Sc. Biochemistry** from **Emmanuel College, Vazhichal** has successfully completed his **Final Year Dissertation Project** titled, **“Protease production from bacterial sources isolated from dairy soil”** at NIMS CGM from **10.4.2023 to 10.06.2023.**

Dr. Hima. L
Scientific Officer

Dr. Aneesh Nair
Principal Scientist & Head



Certificate No. NIMSCGM/2022-23/P-061

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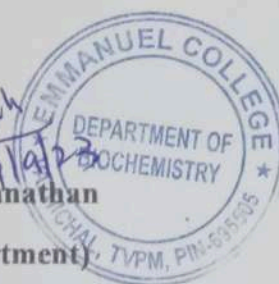
This is to certify that the dissertation entitled, "**Molecular Characterization of Non Polio Enterovirus among children in Southern Kerala** " is an authentic record of research work carried out by Mrs. Sincy Mol.N at Institute of Advanced Virology, Thonnakkal under the guidance of Dr.Aswathyraj, Scientist C and Dr. Aneesh .B ,Project Scientist (Department of Viral Diagnostics) in the partial fulfilment of the requirements for the award of the Post graduation in Biochemistry at Emmanuel College,Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

Examiners

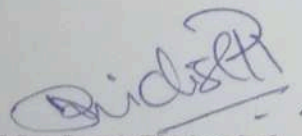
1.


Dr. Lekshmi Vijayanathan

(Head of the Department)



2.


Mrs.Reni Christabel

(Internal Guide)



INSTITUTE OF ADVANCED VIROLOGY

Autonomous Institution under Science and Technology Department, Government of Kerala

CERTIFICATE

This is to certify that the thesis entitled 'MOLECULAR CHARACTERIZATION OF NON-POLIO ENTEROVIRUS AMONG CHILDREN IN SOUTHERN KERALA' is a bonafide record of research work carried out by Ms. SINCY MOL N., in partial fulfilment for the award of **Master of Science in Biochemistry** from Emmanuel College of Arts and Science, Vazhichal affiliated to the **University of Kerala**, under my guidance and supervision from 10-04-2023 to 10-06-2023, and that no part of this dissertation has been presented before for the award of any degree/diploma of any other university or institution.

Date: 15/06/2023



for

Dr. Aswathyraj S.

Dr. ASWATHYRAJ. S
Scientist C

Institute of Advanced Virology (IAV)
Bio 360 Life Sciences Park, Thonnakkal
Thiruvananthapuram - 695317

Counter signed by

Academic Coordinator

Institute of Advanced Virology

Dr. ANISMRIITA LAHON

Scientist C
Institute of Advanced Virology (IAV)
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Thiruvananthapuram - 695317

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VAZHICHAL, THIRUVANANTHAPURAM

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BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled, “**Expression Analysis of Dengue Virus NS2B3 Protein by Western Blot**” is an authentic record of research work carried out by **Mrs. Varsha Vinod M** at **Institute of Advanced Virology, Thonnakkal** under the guidance of **Dr. Anismrita Lahon, Scientist C** in the partial fulfillment of the requirements for the award of the Post-graduation in Biochemistry at Emmanuel College, Vazhichal, Kerala University Thiruvananthapuram. The work presented in this dissertation has not been submitted for any degree or diploma earlier.

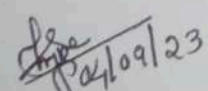
Examiners

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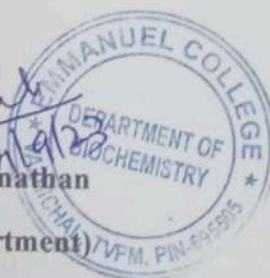

Dr. Lekshmi Vijayanathan

(Head of the Department)

2.


Mrs. Shyma R L

(Internal Guide)





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Autonomous Institution under Science and Technology Department, Government of Kerala

CERTIFICATE

This is to certify that the thesis entitled “**EXPRESSION ANALYSIS OF DENGUE VIRUS NS2B3 PROTEIN BY WESTERN BLOT**” is a bonafide record of research work carried out by **Varsha Vinod M** in partial fulfilment for the award of the Master of Science in Biochemistry from Emmanuel College Of Arts And Science, Vazhichal, Thiruvananthapuram under my guidance and supervision and that no part of this dissertation has been presented before for the award of any degree/diploma of any other university or institution.

Date: 09-06-2023



Anismrita

Dr Anismrita Lahon

Dr. ANISMRIPTA LAHON

Scientist C

Institute of Advanced Virology (IAV)
Bio 360 Life Sciences Park, Thonnakkal
Thiruvananthapuram - 695317

Anismrita

Academic Co-ordinator

Institute of Advanced Virology

Dr. ANISMRIPTA LAHON

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Institute of Advanced Virology (IAV)
Bio 360 Life Sciences Park, Thonnakkal
Thiruvananthapuram - 695317

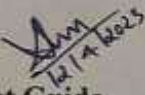
EMMANUEL COLLEGE VAZHICHAL

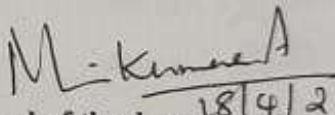


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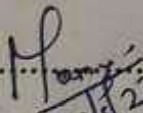
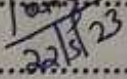
CERTIFICATE

This is to certify that the dissertation entitled "THE CURRENT TREND OF RUBBERCULTIVATION IN OTTASEKHARAMANGA-LAM PANCHAYAT" submitted to the University of Kerala, Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography, during the year 2020-2023 by Adithya Krishna A, Sijo John W S, Sneha A S, Alen Saji, Krishnaja S S were a bona fide project work carried out in the Department of Geography, Emmanuel College of Arts & Science, Vazhichal and the work has not been previously submitted for the award of any Degree/Diploma/ Fellowship or other similar titles and it has not been published so far either in full or in part.


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Head of the department 18/4/23

Examiners

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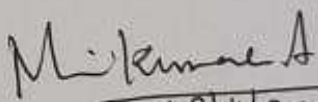


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CERTIFICATE

This is to certify that the entitled "AN ANALYSIS OF WATER SUPPLY AND CONSERVATION OF ARUVIKARA DAM " submitted to the university of Kerala, Thiruvananthapuram for the partial fulfillment of Degree of Bachelor of science in Geography ,during the year 2020-2023 by ALAN A K ,ANCY S, RESHMA S, SHABARI NATH and SIJIN JACOB are a bona fide research work carried out in the Department of Geography, Emmanuel college of Arts & Science, Vazhichal and the work was not been previously submitted for the award of any Degree /Diploma /fellowship or there similar titles and it has not been published so far either in full or print.


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12/4/23
Head of the Department

Examiners

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Department of Geography
Emmanuel College Vazhichal

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CERTIFICATE

This is to certify that the dissertation entitled " **AN ANALYSIS OF ROAD TRANSPORTATION ALONG THE HIGHLANDS OF THIRUVANANTHAPURAM DISTRICT, KERALA** " submitted to the university of Kerala, Thiruvananthapuram for the partial fulfillment of Degree of Bachelor of science in Geography ,during the year 2020-2023 by ALIFSHAH N is a bona fide research work carried out in the Department of Geography, Emmanuel college of Arts &Science, Vazhichal and the work was not been previously submitted for the award of any Degree /Diploma /fellowship or there similar titles and it has not been published so far either in full or print.



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Amrithraj S V

Assistant Professor

Department of Geography

Emmanuel College Vazhichal



Head of the Department

Dr. Mini Kumari A

Assistant Professor

Department of Geography

Emmanuel College Vazhichal

Examiners

1.....

2.....

CERTIFICATE

This is to certify that the project report entitled "Influence Of Environment And Topography On Thyroid Problems – A Case Study Of Selected Villages In Thiruvananthapuram Taluk And Kattakada Taluk" is an authentic record of the studies and research work carried out by **Ebi Francis S, Jayanth J S, Asha Nair O S, Gayathri J S** under my supervision and guidance for the partial fulfillment of the Degree of Bachelor of Science in Geography of the University of Kerala and that no part of this report has been presented earlier for any degree or diploma in any of the universities.

Mini Kumari A
18/4/23

Mrs. Dr. MINI KUMARI A

Head of the Department of Geography

Department of Geography

Emmanuel College,

Vazhichal

Padmapriya P
18/04/2023

Mrs. PADMAPRIYA P

Assistant Professor (Guide)

Department of Geography

Emmanuel College,

Vazhichal

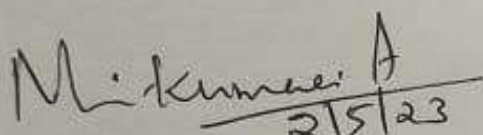


Place: Vazhichal

Date: 31-03-2023

CERTIFICATE

This is to certify that the project report entitled "**Crime analysis in Parassala panchayat**" is an authentic record of the studies and research work carried out by **Rohan Raj, , Amos Sen Michael, Aswany BA, Joshma JS, Adarsh JC** under my supervision and guidance for the partial fulfillment of the Degree of Bachelor of Science in Geography of the University of Kerala and that no part of this report has been presented earlier for any degree or diploma in any of the universities.


21/5/23

Mrs. Dr. MINI KUMARI A

Head of the Department of Geography

Department of Geography

Emmanuel College,

Vazhichal


26/04/2023

Mrs. PADMAPRIYA P

Assistant Professor (Guide)

Department of Geography

Emmanuel College,

Vazhichal



Place: Vazhichal

Date: 31-03-2023

CERTIFICATE

This is to certify that the project work entitled the "COMPARISON OF ELECTRIC POWER CONSUMPTION OF THE KSEB SECTIONS OF AMBOORI AND BALARAMAPURAM BEFORE COVID, DURING COVID, AND AFTER COVID" is an authentic record of the studies and research work done by Aadith Sanker, Aleena M S, Anagha Suresh, Devanand T R and Suraj S P under my supervision and guidance for the partial fulfilment of the Degree of Bachelor of Science in Geography of the University of Kerala and that no part of this project has been presented earlier for any Degree or Diploma in any Universities.

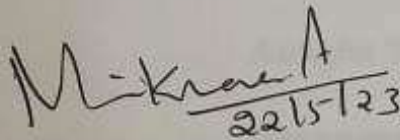


Mrs. CHRISTABEL ROSE

Assistant Professor,

Department of Geography Emmanuel College,

Vazhichal


22/5/23

Mrs. Dr. MINI KUMARIA

Head of the Department,

Department of Geography Emmanuel college,

Vazhichal

Place: Vazhichal

Date :31-03-2023



EMMANUEL COLLEGE VAZHICHAL



DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that the entitled "NEYYAR WILDLIFE SANCTUARY A DETAILED GEOGRAPHICAL ANALYSIS " submitted to the university of Kerala, Thiruvananthapuram for the partial fulfillment of Degree of Bachelor of science in Geography ,during the year 2020-2023 by AISWARIYA A B, AJITH S ANAND, JIJO JOHN, SALMAN S, SYAMA S are a bona fide research work carried out in the Department of Geography, Emmanuel college of Arts & Science, Vazhichal and the work was not been previously submitted for the award of any Degree /Diploma /fellowship or there similar titles and it has not been published so far either in full or print.

Chandrasekhar
22/5/23

Project Guide

M. K. A
22/5/23

Head of the Department




EMMANUEL ARTS AND SCIENCE COLLEGE,
VAZHICHAL

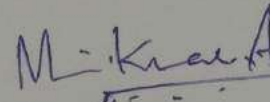


DEPARTMENT OF GEOGRAPHY

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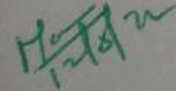
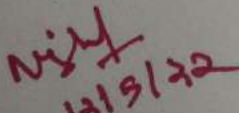
This is to certify that the dissertation entitled “A CRITICAL ANALYSIS ON VIZHINJAM SEAPORT DEVELOPMENT PLAN – A STUDY ON SOCIAL ENVIRONMENT AND FISH CULTURE”, submitted to the university of Kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 ABHIJITH.B is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


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Head of Department

Principal

Examiners

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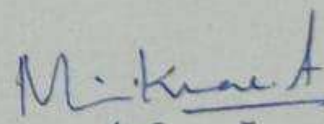


DEPARTMENT OF GEOGRAPHY

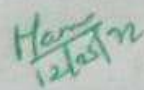
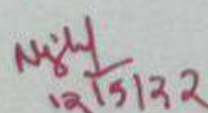
CERTIFICATE

This is to certify that the dissertation entitled **“SOCIO-ECONOMIC STATUS AND ACCESS TO HEALTHCARE OF PEOPLE – A CASE STUDY OF SELECTED WARDS IN POOVAR PANCHAYATH , THIRUVANANTHAPURAM**, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by ABHIJITH S is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it hasnot been published so far either in full or in part .


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Head of Department

Examiners

1. 
12/05/22
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12/5/22



EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL

THIRUVANANTHAPURAM

(Affiliated to University of Kerala)

MARCH 2022

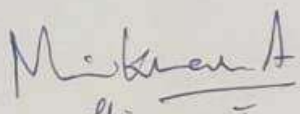


DEPARTMENT OF GEOGRAPHY

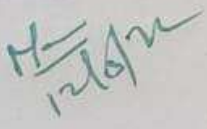
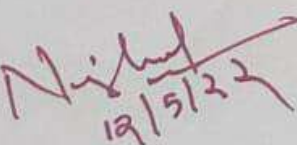
CERTIFICATE

This is to certify that the dissertation entitled “ ANALYSIS ON THE SOCIO-ECONOMIC CONDITION OF CHAVARA PANCHAYAT ”, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by ABHIJITH PRAKASH is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


21/4/22
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Head of Department

Examiners

1. 
12/6/22
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19/5/22



EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL

THIRUVANANTHAPURAM

(Affiliated to University of Kerala)

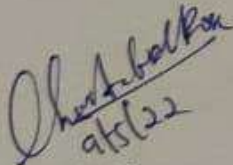
MARCH 2022

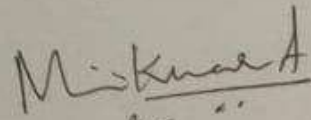


DEPARTMENT OF GEOGRAPHY

CERTIFICATE

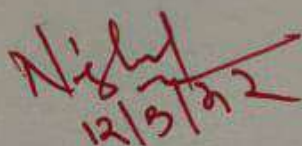
This is to certify that the dissertation entitled “ ANALYSIS ON THE IMPACT OF RURAL TOURISM ON THE ENVIRONMENT AND SOCIETY – REFERENCE FROM MUNROE ISLAND ”, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by ABIYA MARY JOHN is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


9/5/22
Project Guide


Head of Department

Examiners

1. 
12/3/22

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12/3/22



EMMANUEL COLLEGE, VAZHICHAL

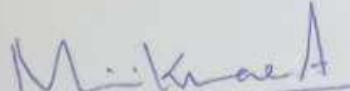


DEPARTMENT OF GEOGRAPHY

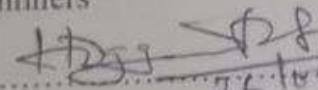
CERTIFICATE

This is to certify that the dissertation entitled "A STUDY OF TOURISM AND ITS EFFECTS ON VEMBANAD LAKE IN ALAPPUZHA DISTRICT" submitted to the University of Kerala, Thiruvananthapuram for the partial fulfilment of the Degree of Master of Science in Geography, during the year 2020-2022 by ANAGHA R is a bona fide research work carried out in the Department of Geography, Emmanuel College of Arts & Science, Vazhichal and the work has not been previously submitted for the award of any Degree/Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.


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Head of the Department

Examiners

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26.10.2022
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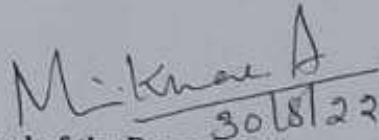


CERTIFICATE

This is to certify that the dissertation entitled “**PLANTATION AGRICULTURE IN KUTTICAL PANCHAYAT**” is an authentic record of studies and research work carried out by **Miss. ARYA M S** under my supervision and guidance for the partial fulfilment of the Degree of Master of Science in Geography of the University of Kerala during the year 2020 – 2022 and no part of this dissertation has been presented earlier for any Degree or Diploma in any of the Universities.

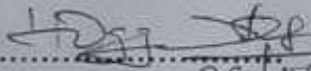


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30/8/22

Head of the Department

Examiners

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30/09/22

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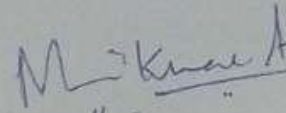


DEPARTMENT OF GEOGRAPHY

CERTIFICATE

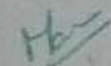
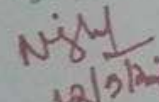
This is to certify that the dissertation entitled "A CRITICAL ANALYSIS ON VIZHINJAM SEAPORT DEVELOPMENT PLAN - A STUDY ON SOCIAL ENVIRONMENT AND FISH CULTURE", submitted to the university of Kerala, Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography, during the year 2019-2022 CHANDRA JYOTHI is a bonafide research work carried out in the Department of Geography, Emmanuel College of Arts & Science, Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part.


5/5/2022
Project Guide


Head of Department

Principal

Examiners

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CERTIFICATE

This is to certify that the dissertation entitled **"A CRITICAL ANALYSIS ON VIZHINJAM SEAPORT DEVELOPMENT PLAN – A STUDY ON SOCIAL ENVIRONMENT AND FISH CULTURE"**, submitted to the university of Kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 HARSHA HARIHARAN is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


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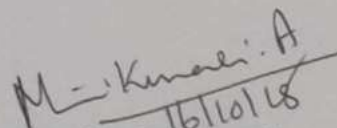


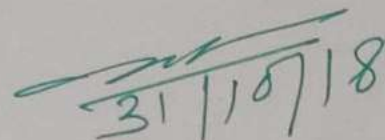
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This is to certify that this dissertation entitled "An analysis of cottage industries of Parassala Panchayat" is an authentic record of the studies and research work carried out by Miss. Rema Sobhia S R under my supervision and guidance for the partial fulfillment of the degree of master of science in geography of the university of Kerala that no part of this dissertation has been presented earlier for any degree or diploma in any of the universities.


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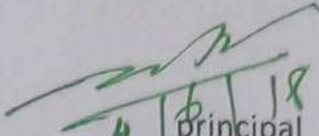
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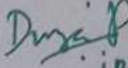


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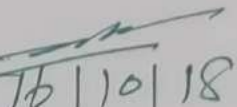
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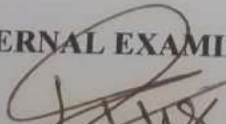

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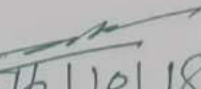
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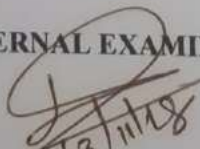

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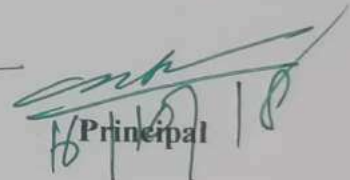
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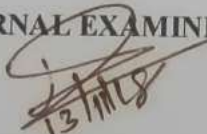

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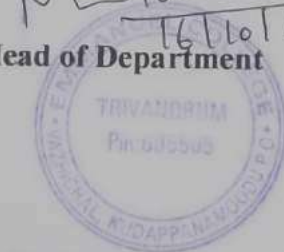
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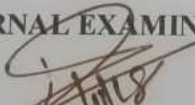

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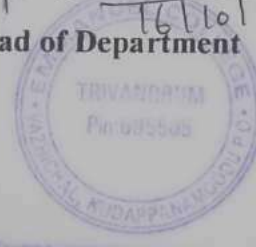
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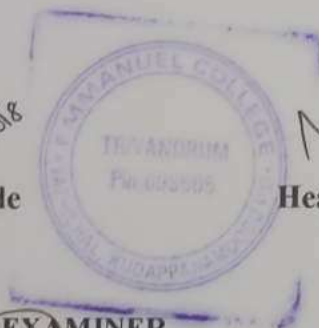
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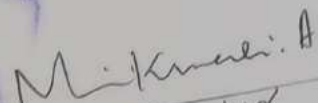
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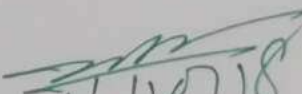


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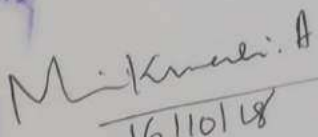
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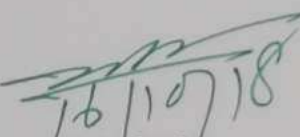


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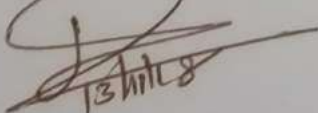



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DECLARATION

I Hereby declare that the project work entitled "**SOCIAL ENVIRONMENTAL AND ENVIRONMENTAL IMPACT OF VIZHIJAM PORT PROJECT ON LOCAL PEOPLE**" is a bonafide project work done by us submitted as a part award of Bachelor of Science in Geography during the year 2016-2019. This is my original work and has not been presented to our university by anybody for the award of any Degree or Diploma .

Harikrishnan G	20516804009
Midhuns RP	20516804026
Raji LR	20516804011
Silpa S Kumar	20516804032
Praveen AR	20516804029
Akhilesh BS	20516804015

Place: Vazhichal

Emmanuel Arts and Science College

Date :

Vazhichal

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This is to certify that the project entitled "A BRIEF STUDY OVER THE PRESENT STATUS OF COIR AS A COTTAGE INDUSTRY IN CHERTHALA TALUK" is a bona fide record work of Miss Anchitha.S.S, submitted for the award of Master Of Science in Geography during the year 2016-2018. This is the original work and has not been presented to our university by anybody for the award of our Degree or Diploma.

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M. K. K. A
9/10/18
Head of Department

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8/10/18
Principal

External Examiners

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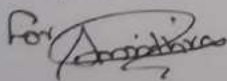
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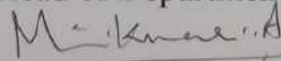
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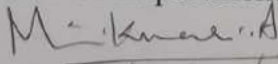
CERTIFICATE

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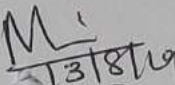
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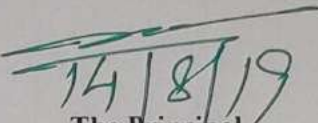
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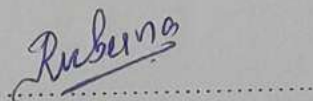

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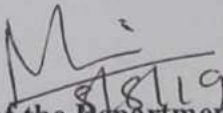
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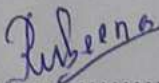

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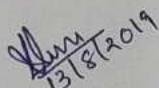
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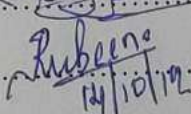
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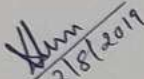

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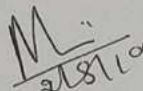
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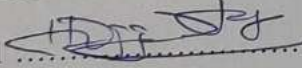
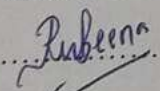

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12/6/18
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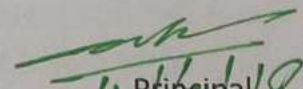
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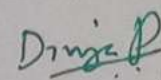


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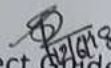
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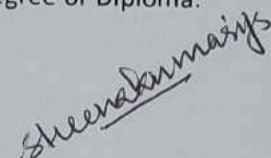
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2016-2018



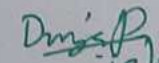

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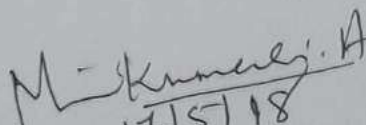
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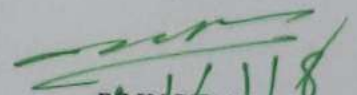
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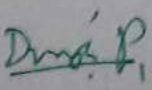
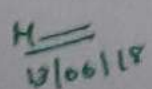
This is to certify this project entitled a study of "SOCIO ECONOMIC STATUS OF TRIBAL SETTLEMENTS IN MARUTHAMALA WARD OF VITHURA PANCHAYATH" is a bona fide record of studies and research carried out by **Aswathy.C.S** under the guidance and supervision at Emmanuel College Vazhichal, Thiruvananthapuram and submitted to University of Kerala in practical fulfillment of the requirement of Bachelor's degree under CBCS system. This is to certify that no party submitted before any University for any other degree or diploma.


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HOD 17/5/18


PRINCIPAL 24/6/18

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1.  13/6/18
2.  6/6/18



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This is to certify this project entitled a study of "SOCIO ECONOMIC STATUS OF TRIBAL SETTLEMENTS IN MARUTHAMALA WARD OF VITHURA PANCHAYATH" is a bona fide record of studies and research carried out by Govind G under the guidance and supervision at Emmanuel College Vazhichal, Thiruvananthapuram and submitted to University of Kerala in practical fulfillment of the requirement of Bachelor's degree under CBCS system. This is to certify that no party submitted before any University for any other degree or diploma.

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1. 13/6/18

2. 12/6/18



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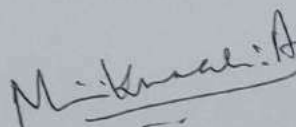
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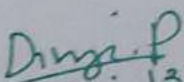


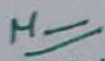
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13/6/18

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13/06/18



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THIRUVANANTHAPURAM

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This is to certify this project entitled "A Study of SOCIO ECONOMIC STUDY OF TRIBES IN CHONAMPAARA" is a bona fide record of studies and research carried out by VISMAYA V.S under the guidance and supervision at Emmanuel College Vazhichal, Thiruvananthapuram and submitted to University of Kerala in practical fulfillment of the requirement of Bachelor's degree under CBCS system. This is to certify that no party submitted before any University for any other degree or diploma.

Counter signed by

Supervision Teacher

M. Mini Kumari A
17/5/18
Dr. Mini Kumari
Associate Professor
Head of Department
Department of Geography
Emmanuel College,
Vazhichal

[Signature]
24/5/18
Principal
Emmanuel College,
Vazhichal

[Signature]
Amrithraj SV
Guest Lecturer
Department of Geography
Emmanuel College,
Vazhichal

Examiners.
1. Durgap
13.6.18
2. M
13.06.18



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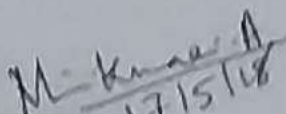
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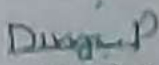



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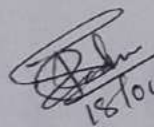


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CERTIFICATE



This is the Certify that the Project entitled "APPLICATION FOR INFORMATION TECHNOLOGY IN TRIBEL MEDICINE WITH REGARD , FOREST MEDICINAL PLANTS A CASE STUDY OF CHONAMPARA WARD IN KUTTICAL PANCHAYAT" is a bonofied for the work of ABHIJITH .S.K. , RAJITH R.L., SREEJITH.S.A, SHEHNA.N.A, ATHIRA.S.A, ANJANA.A.B submitted for the award of bachelor of science in geography during the year 2015-2018. This is the Orginal work and has not been presented to the University by enybody for the award of any degree or Diploma.


18/06/2018


PROJECT GIDE

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PRINCIPAL

EXTERNAL EXAMINERS.

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13.06.18

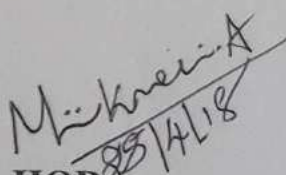
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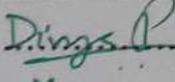

This is to certify that the project entitled "APPLICATION OF INFORMATION TECHNOLOGY IN TRIBAL MEDICINE WITH REGARD FOREST MEDICINAL PLANTS A CASE STUDY OF CHONAMPARA WARD IN KUTTICAL PANCHAYAT" is bonafide for the work of ANJANA A B submitted for the award of Bachelor of Science in Geography during the year of 2015-2018. This is the original work and has not been presented to the university by anybody for the award of any Degree or Diploma.


18/04/2018
PROJECT GUIDE


28/4/18
HOD

PRINCIPAL

EXTERNAL EXAMINER

1.  13.06.18
2.  13.06.18

A BRIEF STUDY OF INDIA'S FIRST RESCUE AND REHABILITATION CENTRE FOR ELEPHANTS, KOTTOOR

**A Project submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of Bachelor of Science in Geography**

Submitted by

Register Number

20517804017

20517804030

20517804014

20517804013

20517804023

20517804006

20517804034

YEAR OF STUDY : 2017-2020

**Socio – Economic conditions of workers in
Bonacaud Tea Plantation and Current status of
Ponmudi tea Plantation**

A project to the University of Kerala in Partial fulfillment of the requirement for the
award of the degree of Bachelor of Science in Geography

Submitted by
Register Number

20517804001

20517804005

20517804008

20517804010

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20517804020

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YEAR OF STUDY: 2017 – 2020

SMALL SCALE FISHER FOLK : THE BACKBONE OF FISHERIES SECTOR, A CASE STUDY OF FIVE FISHING VILLAGES IN TRIVANDRUM

PROJECT FOR

*Submitted in partial fulfillment of the requirement for the award of Degree of Bachelor of
Science In Geography of the University of Kerala*

Submitted by

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20517804035

Department of Geography

EMMANUEL COLLEGE, VAZHICHAL

2017-2020

INDEX

SOCIO-ECONOMIC STATUS OF POONTHURA FISHING VILLAGE AFTER OCKHI

A project submitted to the University of Kerala in partial fulfillment of the requirement for the award of the degree of Bachelor of Science in Geography

Submitted by

Register Number

20517804002

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20517804026

20517804032

20517804033

YEAR OF STUDY : 2017 - 2020

SMALL SCALE FISHER FOLK : THE BACKBONE OF FISHERIES SECTOR, A CASE STUDY OF FIVE FISHING VILLAGES IN TRIVANDRUM

*A Project report Submitted in partial fulfillment of the requirement for the award of
Degree of Bachelor of Science in Geography of the University of Kerala*

Submitted by

SUMI A.S	20517804007
ANJU P.V	20517804016
GOKILA. G	20517804018
HARSHA V.S	20517804019
SAJU SANTHOSH	20517804024
SREERAM J.S	20517804031
VISHNU R. K.NAIR	20517804035

Department of Geography

EMMANUEL COLLEGE, VAZHICHAL

2017-2020

CERTIFICATE

This is to certify that the project entitled **"SMALL SCALE FISHER FOLK : THE BACKBONE OF FISHERIES SECTOR, A CASE STUDY OF FIVE FISHING VILLAGES IN TRIVANDRUM"** is bonafide for the work of submitted for the award of Bachelor of Science on Geography during the year 2017-2020. This is the original work and has not been presented to the university by anybody for the award of Degree or Diploma.

Mrs.Padmapriya.P

Lecture, Department of Geography

Emmanuel College, Vazhichal

Place : Vazhichal

Date :

SOCIO-ECONOMIC STATUS OF POONTHURA FISHING VILLAGE AFTER OCKHI

A project submitted to the University of Kerala in partial fulfillment of the requirement for the award of the degree of Bachelor of Science in Geography



Submitted by

Student's Name

Register Number

ANOOP CHANDRAN

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ABHILASH.V.S

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ABHIRAM.S AMPADI

20517804011

JIBIN.S

20517804021

SHALU.A.P

20517804026

SRUTHY.B.S

20517804032

VARSHA.S.B

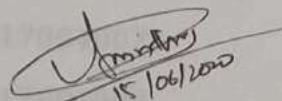
20517804033

DEPARTMENT OF GEOGRAPHY
EMMANUEL ARTS AND SCIENCE COLLEGE, VAZHICHAL
2017-2020

CERTIFICATE

This is to certify that the project entitled "SOCIO-ECONOMIC STATUS OF POONTHURA FISHING VILLAGE AFTER OCKHI" is a bonafide project work submitted for the award of Bachelor of Science in Geography during the year 2017-2020. This is the original work and has not been presented to our university by anybody forward of any Degree or Diploma.

ANOOP CHANDRAN	20517804002
ABHILASH.V.S	20517804009
ABHIRAM.S AMPADI	20517804011
JIBIN.S	20517804021
SHALU.A.P	20517804026
SRUTHY.B.S	20517804032
VARSHA.S.B	20517804033


15/06/2020
Mr. Amrithraj.S.V

Lecture, Department of Geography
Emmanuel Arts and Science college,
Vazhichal

ROLE OF ACCESSIBILITY IN SOCIO-ECONOMIC UPLIFTMENT OF KANI
TRIBES OF KUTTICAL PANCHAYAT

*PROJECT FOR
B.Sc 6th SEMESTER*

Submitted by

ARYA	20517804003
EBIN RAJ V A	20517804004
ABIN B ANIL	20517804012
JOMOL J U	20517804022
SIBIN MANOHAR	20517804028

EMMANUEL COLLEGE, VAZHICHICAL

DEPARTMENT OF GEOGRAPHY

2017-2020



This is to certify that the project entitled **“ROLE OF ACCESSIBILITY IN SOCIO-ECONOMIC UPLIFTMENT OF KANI TRIBES OF KUTTICAL PANCHAYAT”** is bonafide for the work of submitted for the award of Bachelor of Science on Geography during the year 2017-2020. This is the original work and has not been presented to the university by anybody for the award of Degree or Diploma.

[Signature]
4/6/2020
Project Guide

Head of the department

Principal

External Examiners

1

2

Office seal

Socio – Economic conditions of workers in Bonacaud Tea Plantation and Current status of Ponmudi tea Plantation

A project to the University of Kerala in Partial fulfillment of the requirement for the
award of the degree of Bachelor of Science in Geography



Project work Bsc. Geography SIXTH SEMESTER

Submitted by

Student's Name	Register Number
Ancy R Jayan	20517804001
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Varun A R	20517804008
Abhirag S S	20517804010
Ameena A H	20517804015
Jibin J L	20517804020
Shalini R	20517804025

Certified Bonafide Project

Principal

Examiner

1.
2.

M. K. K. A.
15/6/20
Head of the Department

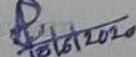
DEPARTMENT OF GEOGRAPHY
EMMANUEL ARTS AND SCIENCE COLLEGE
VAZHICHAL
2017 - 2020



CERTIFICATE

This is to certify that the project entitled "**Socio- Economic condition of workers in Bonacaud Tea Plantation and current status of Ponmudi Tea Plantation**" is a Bonafide Project work submitted for the award of Bachelor of Science in Geography during the year 2017 - 2020. This is the original work and this has not been presented to our university by anybody forward of any Degree of Diploma.

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Jibin J L	20517804020
Shalini R	20517804025

Miss. Athira : O 

Lecture, Department of Geography
Emmanuel Arts and Science College
vazhichal

**A BRIEF STUDY OF INDIA'S FIRST RESCUE
AND REHABILITATION CENTRE FOR ELEPHANTS, KOTTOOR**

A Project submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of Bachelor of Science in Geography



Submitted by

Student's Name	Register Number
BHAGYA.S.B	20517804017
SONA M.S	20517804030
AKASH MOHAN	20517804014
ADARSH.S.M	20517804013
NITHIN.S.NARAYANAN	20517804023
NASIM.N	20517804006
VIDHUN.P	20517804034

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EMMANUEL ARTS AND SCIENCE COLLEGE
VAZHICHAL
2017-2020**

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This is to certify that the project entitled "A BRIEF STUDY OF INDIA'S FIRST RESCUE AND REHABILITATION CENTRE FOR ELEPHANTS, KOTTOOR" is a bonafide project work submitted for the award of Bachelor of Science in Geography during the year 2017-2020. This is the original work and has not been presented to our university by anybody forward of any Degree or Diploma.


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SONA M.S	20517804030
AKASH MOHAN	20517804014
ADARSH.S.M	20517804013
NITHIN.S.NARAYANAN	20517804023
NASIM.N	20517804006
VIDHUN.P	20517804034

Mrs. Christabel Rose. C.R
lecture, Department of Geography
Emmanuel Arts and Science College
Vazhichal

PRINCESTON COLLEGE VARDHANA
DEPARTMENT OF GEOGRAPHY
CERTIFICATE



This is to certify that the dissertation entitled "AN ANALYSIS OF LAND USE LAND COVER CHANGES IN PALLIDHAI PARIHAYAT" is a bona fide research work done by MACHIRUDU to fulfill the partial fulfillment of the requirement for the award of Master of Science in Geography during the year 2021-2022. This is the original work and has not been presented to the university by anybody for the award of any degree or diploma.


Project Guide


Head of Department

EXTERNAL EXAMINER

1. 
26/09/2022

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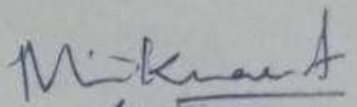


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
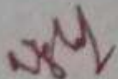
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This is to certify that the dissertation entitled **“SOCIO-ECONOMIC STATUS AND ACCESS TO HEALTHCARE OF PEOPLE – A CASE STUDY OF SELECTED WARDS IN POOVAR PANCHAYATH , THIRUVANANTHAPURAM**, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by NANCY S.S is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it hasnot been published so far either in full or in part .


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1. 
2. 



EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICAL

THIRUVANANTHAPURAM

(Affiliated to University of Kerala)

MARCH 2022

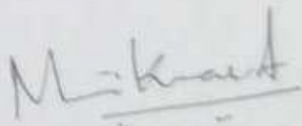


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This is to certify that the dissertation entitled “ ANALYSIS ON THE IMPACT OF RURAL TOURISM ON THE ENVIRONMENT AND SOCIETY – REFERENCE FROM MUNROE ISLAND ”, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by NIKHILA ANIL is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhical and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


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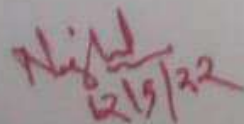

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1.


12/05/22

2.


12/5/22



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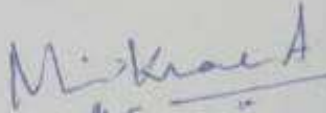


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
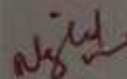
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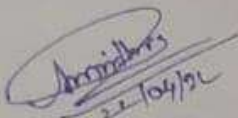
Examiners

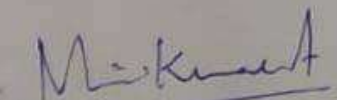
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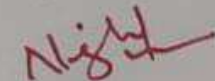
This is to certify that the project entitled “ **SOCIOECONOMIC STATUS OF TRIBES IN KUTTICAL GRAMA PANCHAYAT DURING COVID-19 PANDEMIC** ”submitted to the University of Kerala for the partial fulfillment of the requirements for the award of the Degree of bachelor of science in Geography, during the year 2019-2022 by RAMYAKRISHNAN is a bona fide research work carried out in the Department of Geography , Emmanuel College of Arts and science , Vazhichal and the work has not been previously submitted for the award of any Degree /Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.


22/04/22
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Head of the Department



External Examiners:

1. 
12/04/22
2. 
Nishu

EMMANUEL COLLEGE VAZHICHAL

DEPARTMENT OF GEOGRAPHY


CERTIFICATES




This is to certify that the dissertation entitled "**SOCIO-ECONOMIC CONDITION OF FISHERFOLK IN TANUR MUNICIPALITY**" is a bona-fide research work done by FATHIMA SANAV toward the partial fulfilment of the requirement for the award of Master of Science in Geography, during the year 2020-2022. This is the original work and has not been presented to the university by anybody for the award of any degree or diploma.

For

26/9/22
Project Guide

For

26/9/22
Head of Department

EXTERNAL EXAMINER

1. 
26/09/2022

2.



EMMANUEL COLLEGE OF ARTS & SCIENCE,
VAZHICHAL

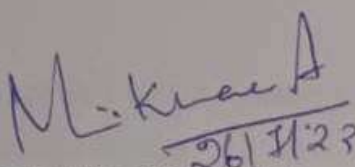


DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that the dissertation entitled **"ROLE OF TRIBALS AND NON-TRIBAL RURAL POPULATION ON FOREST DEGRADATION: A CASE STUDY OF THIRUVANANTHAPURAM DISTRICT, SOUTH-INDIA"** submitted to the University Of Kerala, Thiruvananthapuram for the partial fulfillment of the Degree of Master of Science in Geography, during the year 2020-2022 by SIBIN MANOHAR is a bona fide research work carried out in the Department of Geography, Emmanuel College of Arts & Science, Vazhichal and the work has not been previously submitted for the award of any Degree/Diploma/Fellowship or other similar titles and it has not been published for either in full or in part.


Project Guide


Head of the Department

Principal

Examiners

1.

2.



CERTIFICATE

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Project Guide


Head of the Department

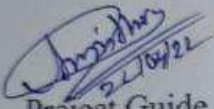


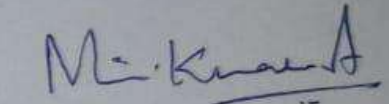
External Examiners:

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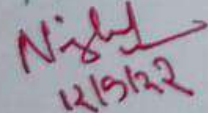
CERTIFICATE

This is to certify that the project entitled “ **SOCIOECONOMIC STATUS OF TRIBES IN KUTTICAL GRAMA PANCHAYAT DURING COVID-19 PANDEMIC** ” submitted to the University of Kerala for the partial fulfillment of the requirements for the award of the Degree of bachelor of science in Geography, during the year 2019-2022 by SUJIN V.S is a bona fide research work carried out in the Department of Geography , Emmanuel College of Arts and science , Vazhichal and the work has not been previously submitted for the award of any Degree /Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.


Project Guide


Head of the Department

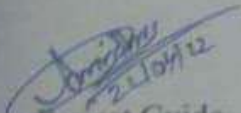
External Examiners:

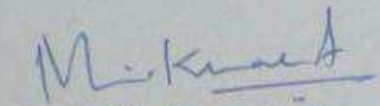
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CERTIFICATE


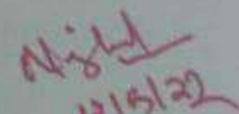
This is to certify that the project entitled " **SOCIOECONOMIC STATUS OF TRIBES IN KUTTICAL GRAMA PANCHAYAT DURING COVID-19 PANDEMIC** "submitted to the University of Kerala for the partial fulfillment of the requirements for the award of the Degree of bachelor of science in Geography, during the year 2019-2022 by THEJAS M.K is a bona fide research work carried out in the Department of Geography , Emmanuel College of Arts and science , Vazhichal and the work has not been previously submitted for the award of any Degree /Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.


22/10/22
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Head of the Department



External Examiners:

1. 
2. 
12/11/22

EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL

THIRUVANANTHAPURAM

(Affiliated to University of Kerala)

MARCH 2022

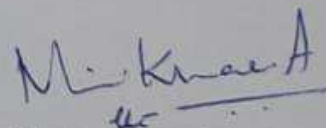


DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that the dissertation entitled “ ANALYSIS ON THE SOCIO-ECONOMIC CONDITION OF CHAVARA PANCHAYAT ”, submitted to the university of kerala , Thiruvananthapuram for the partial fulfillment of the Degree of Bachelor of Science in Geography , during the year 2019-2022 by TINI A J is a bonafide research work carried out in the Department of Geography , Emmanuel College of Arts & Science , Vazhichal and the work has not been previously submitted for the award of any Degree/ Diploma/ Fellowship or any other similar titles and it has not been published so far either in full or in part .


Project Guide


Head of Department

Examiners

1. 

2. 



EMMANUEL COLLEGE, VAZHICHAL



DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that the dissertation entitled "**SOCIO-ECONOMIC EFFECTS OF GROWING POPULATION IN THIRUVANANTHAPURAM DISTRICT**" submitted to the University of Kerala, Thiruvananthapuram for the partial fulfillment of the Degree of Master of Science in Geography, during the year 2020-2022 by ULLAS U. S. is a bona fide research work carried out in the Department of Geography, Emmanuel College of Arts and Science, Vazhichal and the work has not been previously submitted for the award of any Degree/Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.

Chandrasekhar
30/8/22
Project Guide/Supervisor

M. K. K. K.
30/8/22
Head of the Department

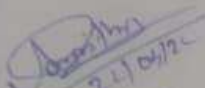
Examiner 1 :
26/8/2022


Examiner 2 :



CERTIFICATE

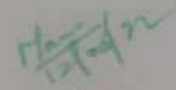
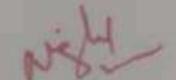
This is to certify that the project entitled " **SOCIOECONOMIC STATUS OF TRIBES IN KUTTICAL GRAMA PANCHAYAT DURING COVID-19 PANDEMIC** "submitted to the University of Kerala for the partial fulfillment of the requirements for the award of the Degree of bachelor of science in Geography, during the year 2019-2022 by VRINDA DAS M.P is a bona fide research work carried out in the Department of Geography , Emmanuel College of Arts and science , Vazhichal and the work has not been previously submitted for the award of any Degree /Diploma/Fellowship or other similar titles and it has not been published so far either in full or in part.


2.1/04/22
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Head of the Department



External Examiners:

1. 
2. 

EMMANUEL COLLEGE VAZHICHAL

DEPARTMENT OF GEOGRAPHY

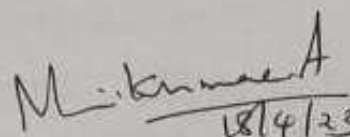
CERTIFICATE




This is to certify that this project entitled "A STUDY ON ANALYSIS OF SOCIO-ECONOMIC STATUS OF TRIBES IN PANGAV OF KUTTICHAL PANCHAYAT" submitted to the University of Kerala in partial fulfillment of the requirement for the first-degree programme under CBCSS career related B.Sc. Geography is a bonafide work carried out by the students under our guidance and supervision.

Place: Vazhichal

Date: 22/5/2023

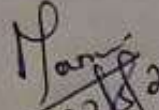

18/4/23
Dr. MINI KUMARI A
(Head of department)

PROJECT GUIDE:

Mrs. ATHIRA.O 
(Assistant professor, dept. of Geography)



External examiner

1. 
2. 22/5/23

EMMANUEL COLLEGE

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THIRUVANANTHAPURAM

(AFFILIATED TO THE UNIVERSITY OF KERALA)



CERTIFICATE

This is to certify that the project /dissertation titled “**UNJUSTIFIED OPPRESSIONS AN ANALYSIS OF BUCHI EMECHETA'S JOYS OF MOTHERHOOD**” is a record of studies carried out by Abhishek.S.Satheesh, Amrith.S John, Anisha. K K, Ashna. R and Prasanth. N P at the department of English, Emmanuel College, Vazhichal under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, first degree programme in English Language and Literature under CBCS system.

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External Examiners

- 1.
- 2.



ENDURANCE OF WOMEN IN KHALED HOSSEINI'S

A THOUSAND SPLENDID SUNS

Dissertation Submitted to the University of Kerala

In Partial Fulfilment of the Degree of Bachelor of Arts

Names of Candidates with Candidate Code:

- 1. ABHIN R.B : 13020804017**
- 2. DEVIKA. S : 13020804037**
- 3. HANNA R MOHAN : 13020804039**
- 4. JAISON S.R : 13020804042**
- 5. SAHITHA S.S : 13020804014**
- 6. SHANI AUGUSTIN : 13020804055**

Course Code: EN1645



EMMANUEL COLLEGE,

VAZHICHAL, KUDAPPANAMOODU P.O

THIRUVANANTHAPURAM

2022-2023

EMMANUEL COLLEGE
VAZHICHAL KUDAPPANAMOODU P.O
THIRUVANANTHAPURAM



CERTIFICATE

This is to certify that the dissertation entitled **VERSIONS OF DALIT AUTOBIOGRAPHIES: A READING OF CK JANU'S MOTHER FOREST** is a record of studies carried out by Anandhu. S, Arya. D. S, Athira. R. S, Dhanu. D. L, Tom. S at the Department of English, Emmanuel College, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree programme in English Language and Literature under CBCS system.

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EMMANUEL COLLEGE

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THIRUVANANTHAPURAM



CERTIFICATE


This is to certify that the dissertation titled **MAGIC REALISM IN THE CHRONICLES OF NARNIA: THE LION THE WITCH AND THE WARDROBE** is record of studies carried out by Aromal B S, Anulal S P, Jiji C S, Rahul Revi, S Akhila Sankar at the department of English, Emmanuel College, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree programme in English Language and Literature under CBCS system.

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External Examiners

- 1.
- 2.



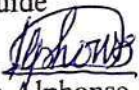
EMMANUEL COLLEGE
VAZHICHAL KUDAPPANAMOODU P.O
THIRUVANANTHAPURAM



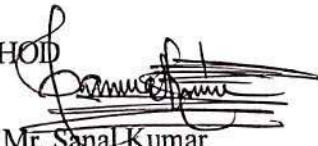
CERTIFICATE

This is to certify that the dissertation titled **ADICHIE'S PURPLE HIBISCUS AS A NOVEL ON OPPRESSION OF WOMEN AND DOMESTIC VIOLENCE** is a record of studies carried out by Arathy M. Purushothaman, Philan Rose, Midhun Krishna M. K, Rakhi Joy, Adithyan S. Dev at the Department of English, Emmanuel college, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree programme in English Language and Literature under CBCS system.

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Dr. Vijayakumar
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External Examiners

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- 2.



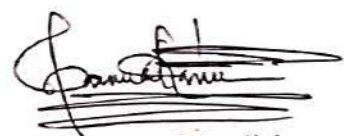
DECLARATION

We hereby declare that dissertation entitled "**NEW PERSPECTIVE OF SWITCHING NARRATIVES: AN ANALYSIS OF MARKUS ZUSAK'S *THE BOOK THIEF***" is a record of studies carried out by us at the department of English, Emmanuel College Vazhichal, under the guidance of Mr.Divin K L, Asst.Profeesor Department of English and submitted to the university of kerala in partial fulfillment of the requirement for the award of the degree of bachelor of Arts, First Degree Programme in English Language and Literature under CBCS system.

1. ABHIJITH.S.S
2. APARNA.R
3. APARNA.S
4. SOORAJ.S.R
5. VISHNU.M.R

Vazhichal

Date



Department of English

Emmanuel College

Vazhichal



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VAZHICHAL KUDAPPANAMOODU P.O
THIRUVANANTHAPURAM
(AFFILIATED TO THE UNIVERSITY OF KERALA)

CERTIFICATE

This is to certify that the project entitled **KITCHEN AS A PLACE OF SUBJUGATION: AN ANALYSIS OF THE MOVIE *THE GREAT INDIAN KITCHEN*** submitted by Ambady S S, Aparna S J, Arya Krishana S, Sreelekshmi J P, Vinod Wilson in partial fulfilment for the award of the Degree of Bachelor of English by the University of Kerala. It is a bonafide record of project done by them during the year 2022-2023.

Guide

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Mr. Sanal Kumar C

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Principal

Dr. VijayaKumar

Principal

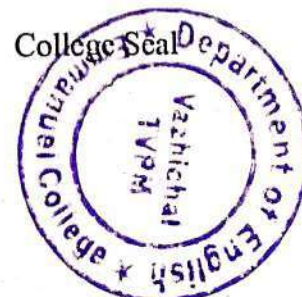
Emmanuel College

Vazhichal

External Examiner

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**EMMANUEL COLLEGE
VAZHICHAL KUDAPPANAMOODU PO
THIRUVANANTHAPURAM**



CERTIFICATE

This is to certify that the dissertation titled, **CONSTRUCTING AND PERFORMING GENDER IDENTITY THROUGH STORY TELLING: A PROBE INTO JEANETTE WINTERSON'S ORANGES ARE NOT THE ONLY FRUIT**, is a record of studies carried out by Abish.V, Aneeta Alex.B, Ajay Simon, Immanuel.S.B, Merin Grace.V.I at the Department of English, Emmanuel College, under my guidance and submitted to the University of Kerala in partial fulfilment of the degree of Bachelor of Arts, First Degree programme in English Language and Literature under CBCS system.


Guide

Mr. Ayswarya. S S
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HOD

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External Examiners

1.

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EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMOODU P.O
THIRUVANANTHAPURAM
(AFFILIATED TO THE UNIVERSITY OF KERALA)



CERTIFICATE

This is to certify that the project entitled **AMITAV GHOSH'S *THE HUNGRY TIDE: CONFLICT BETWEEN MAN AND NATURE*** submitted by Mr.Akhil.P.Vijay, Mr.Binoy.S.K, Ms.Dhanalekshmi.M, Ms.Nandana.S.P, Mr.Rahul Raj.R in partial fulfilment for the award of the Degree of Bachelor of English by the University of Kerala. It is a bonafide record of project done by them during the year 2022-2023.

Guide

Mrs.Sapna.T.S.Raj

Assistant Professor

Department of English

Emmanuel College

Vazhichal

External Examiners

1.

2.

HOD

Mr.Sanal Kumar.C

Department of English

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Vazhichal

Principal

Dr.J.Vijayakumar

Principal

Emmanuel College

Vazhichal



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VAZHICAL, KUDAPPANAMOODU P.O
THIRUVANANTHAPURAM



CERTIFICATE

This is to certify that the project/dissertation entitled **THIRST FOR POWER AS REVEALED IN 'THE DAY OF THE JACKAL'** is a record of studies carried out by Abhin.R.Vincent, Anchu V.A, Anjana G.S, Harith D.H, Rehna U at the Department of English, Emmanuel College Vazhichal, under my supervision and guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree in English and Communicative English under CBCS system.

Guide

Mr. Rajendran A

Assistant professor

Department of English

Emmanuel College

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Mr. Sanal Kumar C

Department of English

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Vazhichal

Dr. J Vijayakumar

Principal

Emmanuel College

Vazhichal

External Examiners:

1.

2.



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VAZHICHAL, KUDAPPANAMOODU P.O

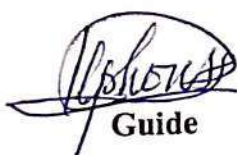
THIRUVANANTHAPURAM

2020-2023



CERTIFICATE

This is to certify that the project entitled "RATAN TATA : THE BUSINESS KOHINOOR OF INDIA " is a record of studies carried out by Abhilash B, Akshay S, Jojimon S A, Sneha S R, Surya S Nair, at the Department of English, Emmanuel College, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under CBCS system.



Guide

Fr. Joseph Alphonse
Assistant professor
Department of English
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Head of the Department

Mr. Sanal Kumar
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Principal
EMMANUEL COLLEGE
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Principal

Dr. J. Vijayakumar
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External Examiner :

1)

2)

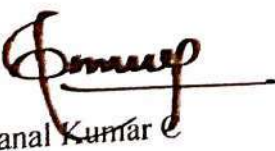


EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMMOODU.P.O
THIRUVANANTHAPURAM
(AFFILIATED TO THE UNIVERSITY OF KERALA)
2023

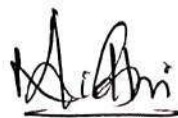


CERTIFICATE

This is to certify that the project titled "CONFLICTS IN KAMALA MARKANDYA' *A SILENCE OF DESIRE*" is a record of studies carried out by Amitha Anil, Soumya S, Soorya Narayanan S.Y, Shajin S.S, Deepu Krishna G, Akshay S Babu, at the department of English, Emmanuel College, Vazhichal, Under my guidance and submitted to the University of Kerala in partial fulfillment of the Degree of Bachelor of Arts, First Degree Programme in English and communicative English under CBCS system.


Sanal Kumar

Head, Department of English
Emmanuel College
Vazhichal



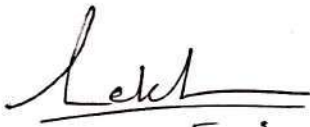
Nidhi Livis G
Asst.Prof., English Dept.
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CERTIFICATE



This is to certify that the Project / dissertation titled ***"PORTRAYAL OF FEMINISM IN MOLLYWOOD"*** is a record of studies carried out by **Ashik.A, Ashish.B.S, Nayana.S.Lovewin , Nandhana.S.Kumar, Soulwin Santo.S.L** at the department of English, Emmanuel College, Vazhichal under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First degree Programme in English Language and Communicative English under CBCS system.


Guide

Mrs.Lekha.S

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EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMOODU P.O.
THIRUVANANTHAPURAM
(Affiliated to Kerala University)



CERTIFICATE

This is to certify that the project title Exposing the complex realities of women in urban India a probe to Rupa Bajwa's The Sari Shop is a record of studies carried out by Sherin Johnson, Angel S S, Ansa S S, Jayaram Mohan and Abin Bennet at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, Career Related First Degree Programme in English and Communicative English under CBSS GROUP 2(a).

Guide

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Principal

Emmanuel College

Vazhichal

College Seal



EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMMOODU.P.O
THIRUVANANTHAPURAM
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2023



CERTIFICATE

This is to certify that the dissertation titled **'The Dignity of Lives in the Tidal Landscape of Sundarbans as Presented in The Hungry Tide'** is a record of studies carried out by **Aswin. AL, Sona Lal.M, Anupama. SS, Divya .SR, Dovin Reso Sanal**, at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, Career Related First Degree Programme in English and Communicative English under the CBCS System.

Guide

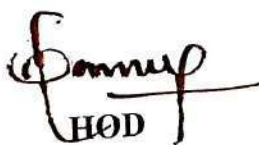
Mrs. Binitha.R

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2022-2023



CERTIFICATE

*This is to certify that the dissertation titled **Ethnicity as Revealed in Colour Matters** by **Anuranjita Kumar** is a record of studies carried out by **Parvathy S, Ajith YB, Abhijith V S, Ajeena Raj, Amala R L**, at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under the CBCS System.*

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External examiners:

- 1.
- 2.

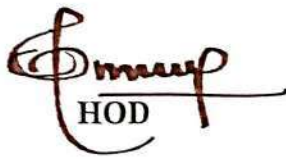


CERTIFICATE



This is to certify that the Project / dissertation titled ***"THE REPORT ON THE ANALYSIS OF WORLD OF ADVERTISEMENT"*** is a record of studies carried out by **Ansil Salim, Keerthana.Y.G, Sandra Santhosh, Vijin.V.R, Vishnu Rajesh** at the department of English, Emmanuel College, Vazhichal under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First degree Programme in English Language and Communicative English under CBCS system.

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CERTIFICATE



This is to certify that the Project / dissertation titled ***"PORTRAYAL OF FEMINISM IN MOLLYWOOD"*** is a record of studies carried out by **Ashik.A, Ashish.B.S, Nayana.S.Lovewin , Nandhana.S.Kumar, Soulwin Santo.S.L** at the department of English, Emmanuel College, Vazhichal under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First degree Programme in English Language and Communicative English under CBCS system.


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2022 – 2023



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*This is to certify that the dissertation titled **Psychological Legacy and Identity Crisis in Ralph Ellison's Invisible Man** is a record of studies carried out by **Abhai Shaji, Akshaya R.S, Adharsh M J, Aparna V S, Sneha Andrews**, at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under the CBCS System.*

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CERTIFICATE

This is to certify that the project entitled "GODFATHER; INFLUENCE ON HOLLYWOOD" is a record of studies carried out by Niranjana S Robert, Megha S M, Ajith J, Anandu A, Anishma A D, Lekshmi A P, at the Department of English, Emmanuel College, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under CBCS system.

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This is to certify that the project titled "CONFLICTS IN KAMALA MARKANDYA' *A SILENCE OF DESIRE*" is a record of studies carried out by Amitha Anil, Soumya S, Soorya Narayanan S.Y, Shajin S.S, Deepu Krishna G, Akshay S Babu, at the department of English, Emmanuel College, Vazhichal, Under my guidance and submitted to the University of Kerala in partial fulfillment of the Degree of Bachelor of Arts, First Degree Programme in English and communicative English under CBCS system.

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This is to certify that the project titled **"KALIYATTAM: CREATIVE ADAPTATION OF SHAKESPEARE'S OTHELLO"** is a record of studies carried out by Abin S R, Anjana Vijay S, Asher S Raj, Chandana U, Neha Manoj, at the department of English, Emmanuel College, Vazhichal, Under my guidance and submitted to the University of Kerala in partial fulfillment of degree of Bachelor of Arts, First Degree Programme in English language and literature under CBCS system.

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This is to certify that this dissertation entitled “ **UYARE MOVIE AS AN ENGROSSING TALE OF COURAGE AND STRUGGLE**” is a record of studies carried out by **SANA R S, ASHLIN PRAMOD J, JOBY JOY, MITHUN N, SRADHA MOHAN S P**, at the Department of English, Emmanuel College, vazhichal, under my guidance and submitted to the University of Kerala in partial fulfillment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under CBCS system.

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*This is to certify that the dissertation titled **THE LOSS OF IDENTITY IN AMITAV GHOSH'S THE SHADOW LINES** is a record of studies carried out by **ATHIRA S.R, MANJIMA M.S, NANDHU MOHAN, ALBY S.J, ASWIN K, ARSHA S NAIR**, at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfillment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under the CBCS System.*


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This is to certify that the project entitled **"EXPOSING THE COMPLEX REALITIES OF THE ABORIGINAL LIFE IN KATE GRENVILLE'S THE SECRET RIVER"** is a bonafide record of studies carried out by **ASHIF HUSSAIN. M (53021804014)** at the Department of English, Emmanuel College, Vazhichal under the guidance and supervision of **Asst. Prof. Ms. AYSWARYA. S. S**, during the year 2021-2023 in partial fulfillment of the requirement for the award of the master of arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.

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CERTIFICATE

This is to certify that the project entitled "SWOTTING STREET AS A SOCIAL SPACE FOR SELF ARTICULATION IN ANEES SALIM'S VANITY BAGH" is a bonafide record of studies carried out by ANCY M S (53021804007) at the Department of English, Emmanuel College, Vazhichal under the guidance and supervision of Asst. Prof. Ms. AYSWARYA. S. S, during the year 2021-2023 in partial fulfillment of the requirement for the award of the master of arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.


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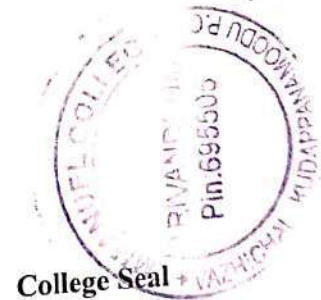
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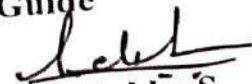
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This is to certify the project entitled **MYTH AND FOLKLORE IN THE PLAY OF WOLE SOYINKA: A DANCE OF THE FORESTS** is a bonafide record of studies carried out by **GOWRI V S (53021804018)** at the Department of English, Emmanuel college, Vazhichal under the guidance and supervision of Asst. Prof. Lekha S during the academic year 2021-2023 in a partial fulfillment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.

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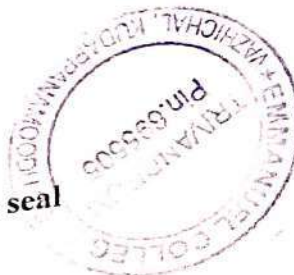
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This is to certify that this dissertation entitled "**ECOFEMINISM IN MARGARET ATWOOD'S *THE HANDMAID'S TALE***" is a bonafide record of project work done by **GIFTIN DAS C. J. (530-21804017)** under my guidance and supervision during the year 2021-2023 in partial fulfilment of the requirement for the award of the Master of Arts in the University of Kerala and no part of this has been submitted earlier for the award of any degree.

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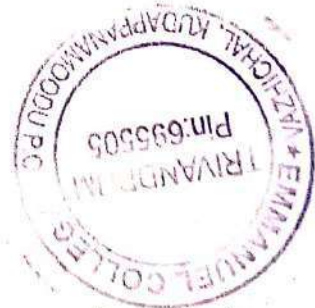
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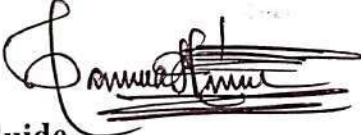
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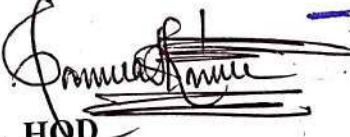
This is to certify that the Project entitled **DIASPORIC FEMALE**
IDENTITIES: AN ANALYSIS OF BHARATI MUKHERJEE'S

DESIRABLE DAUGHTERS


is a bonafide record of studies carried out by **ANIE JOHN.S (53021804011)** at the Department of English, Emmanuel college, Vazhichal under the guidance and supervision of Assistant Professor. **Mr. SANAL KUMAR**, during the year 2021- 2023 in partial fulfilment of the requirement for the award of the Master of Arts of University of Kerala no part of this has been submitted earlier for the award of any degree.


Guide

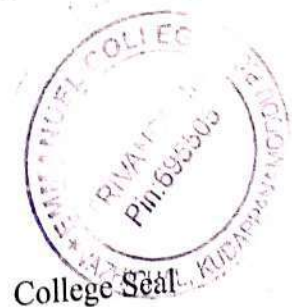
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This is to certify that the project entitled **A STUDY OF POSTCOLONIALISM AND EXISTENTIALISM IN J.M. COETZEE'S WAITING FOR THE BARBARIANS** is a bonafide record of studies carried out by **LEKSHMI.J.S.** (53021804021) at the Department of English, Emmanuel College, Vazhichal under the and supervision of Asst. Prof. Mr. **SANAL KUMAR** during the year 2021-2023 in partial fulfillment of the requirement for the award of the Master of Arts in University of Kerala and no part of this has been submitted earlier for the award of any degree.

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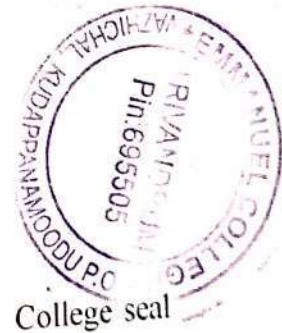
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This is to verify that the project entitle **A THEMATIC AND PSYCHOSOCIAL STUDY OF ALICE SEBOLD'S THE LOVELY BONES** is a bonafide record of project work done by **ANAMIKA A S** (530 – 53021804019), under my guidance and supervision during the year 2021-2023 in partial fulfilment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.


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This is to certify that the project entitled "A STUDY ON THE THEORIES ABOUT PARALLEL UNIVERSES AND USE OF THE CONCEPT IN KOREAN SERIES *TRAIN AND THE KING: ETERNAL MONARCH*" is a bonafide record of studies carried out by ANCY S. ROY (53021804008) at the Department of English, Emmanuel College, Vazhichal under the guidance and supervision of Asst. Prof. SAPNA T. S. RAJ during the year 2021-2023 in partial fulfillment of the requirement for the award of the Master of Arts in University of Kerala and no part of this has been submitted earlier for the award of any degree.

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This is to certify that the project entitled **APPLICATION OF FEMINIST IDEOLOGIES IN ANITA DESAI'S *CLEAR LIGHT OF DAY*** is a bonafide record of project work done by ASWANI A S (53021804015), under the guidance and supervision of Asst. Prof. Asha G A, during the year 2021-2023 in partial fulfilment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.

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This is to certify that that the project entitled A
STUDY OF SHASHI DESHPANDE'S *THE DARK HOLDS NO TERRORS IN*
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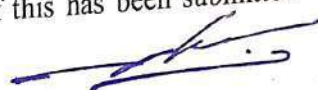
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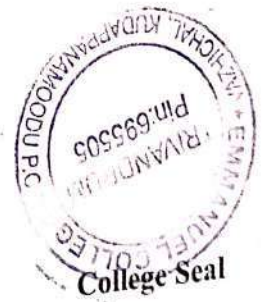
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This is to certify that the project entitled **EXPLORING THE AUTHENTIC VOICES OF THE SUBALTERN IN THE MOVIE KAALA KARIKAALAN** is a bonafide record of studies carried out by **ARYA M S**, (53021804013) at the Department of English, Emmanuel College, Vazhichal under the guidance and supervision of Asst. Prof. Jesny John during the year 2021- 2023 entitle in partial fulfilment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.


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Mr. SANAL KUMAR C
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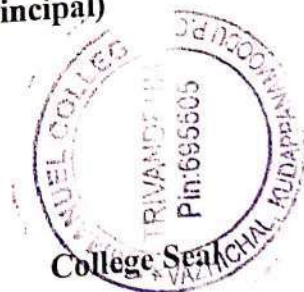

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Dr. J VIJAYAKUMAR
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This is to certify that the project entitled **A TALE OF EMPOWERMENT:
AN ANALYSIS ON GOWRI SHINDE'S ENGLISH VINGLISH
THROUGH FEMINISM** is a bonafide record of studies carried out by
BINISHA BS,(53021804016), at the Department of English, Emmanuel
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during the year 2021-2023 in partial fulfilment of the requirement for the
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This is to certify that the project entitled **CLASSISM AND INDIVIDUAL CHAOS: A STUDY ON ARAVIND ADIGA'S THE WHITE TIGER** is a bonafide record of studies carried out by **RAHUL KRISHNA G, (53021804024)** at the Department of English, Emmanuel college, Vazhichal under the guidance and supervision of Asst. Prof. Jesny John during the year 2020-2022 in partial fulfillment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.


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This is to certify that the dissertation titled 'The Reclamation of feminine self: Female subjectivity in Chitra Banerjee Divakaruni's Palace of illusions' (Candidate Code: 53021804023) at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under the CBCS System.

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- 2.

CERTIFICATE

This is to certify that project entitled **RACIAL INJUSTICE IN HARPER LEE'S TO KILL A MOCKINGBIRD** is a bonafide record of studies carried out by **AJISHA R A** , (53021804004) at the Department of English, Emmanuel college, Vazhichal under the guidance and supervision of Asst. Prof. Mrs. SINDHU MOL V S during the year 2021-2023 in partial fulfilment of the requirement for the award of the Master of Arts in English Language and Literature under University of Kerala and no part of this has been submitted earlier for the award of any degree.

Guide

Mrs. SINDHU MOL V S

Assistant Professor

Department of English

Emmanuel College,

Vazhichal

HOD 18/08/2023

Mr. Sanal Kumar C

Department of English

Emmanuel College,

Vazhichal

Principal

Dr. J Vijayakumar

Emmanuel College,

Vazhichal



College Seal

External Examiners

1.

2.

EMMANUEL COLLEGE VAZHICHAL

THIRUVANANTHAPURAM

(Affiliated to the University of Kerala)

CERTIFICATE

This is to certify that the project entitled **ANALYSING ESPIONAGE ELEMENTS IN JOHN LE CARRE'S *THE SPY WHO CAME IN FROM THE COLD*** is a bonafide record of studies carried out by **ANCY S S** (53021804009) under the guidance and supervision during the year 2021-2023 in partial fulfillment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.



Guide

Mrs. SINDHUMOL V S

Assistant Professor

Department of English

Emmanuel College

Vazhichal


HOD

Mr. SANAL KUMAR C

Department of English

Emmanuel College

Vazhichal



Principal

Dr. J VIJAYAKUMAR

Emmanuel College

Vazhichal



External Examiners

1.


2.

EMMANUEL COLLEGE VAZHICHAL
THIRUVANANTHAPURAM


(Affiliated to the University of Kerala)

CERTIFICATE


This is to certify that the project entitled **OPIUM WAR AND NATIONALISM IN AMITAV GHOSH'S *FLOOD OF FIRE*** is a bonafide record of studies carried out by **AGNUS.M.B.(53021804003)** at the Department of English, Emmanuel College, Vazhichal under the guidance and supervision of Miss. **ASWATHY MURUGAN** during the year 2021 – 2023 in partial fulfilment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.

Guide 
Miss. Aswathy Murugan.

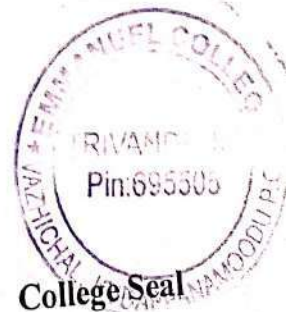
Assistant Professor
Department of English
Emmanuel College,
Vazhichal


HOD
Mr. Sanal Kumar

Department of English
Emmanuel College,
Vazhichal


Principal
Dr. J. Vijayakumar

Emmanuel College,
Vazhichal



External Examiners:

- 1.
- 2.

EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMMOODU.PO
THIRUVANANTHAPURAM
(AFFILIATED TO THE UNIVERSITY OF KERALA)



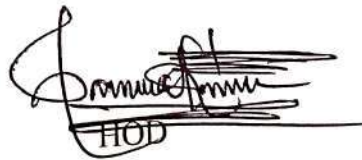
CERTIFICATE

*This is to certify that the dissertation titled **Liberating Female Identity from the Confines of Masculine Discourse: A Feministic Approach on Alice Munro's Lives of Girls and Women** is a record of studies carried out by **Aneesha S Chandran**, (Candidate Code: 53021804010) at the Department of English, Emmanuel College, Vazhichal, under my guidance and submitted to the University of Kerala in partial fulfilment of the Degree of Bachelor of Arts, First Degree Programme in English and Communicative English under the CBCS System.*



Guide

Mrs. Nidhi Livis
Assistant Professor
Department of English
Emmanuel College, Vazhichal



HOD

Mr. Sanal Kumar
Department of English
Emmanuel College,
Vazhichal



Principal

Dr. Vijayakumar J
Emmanuel College,
Vazhichal



College Seal

External examiners:


- 1.
- 2.

EMMANUEL COLLEGE VAZHICHAL
THIRUVANANTHAPURAM

(Affiliated to the University of Kerala)

CERTIFICATE

This is to certify that the project entitled **REPRESENTATION OF GENDER VIOLENCE IN CHIMAMANDA NGOZI ADICHIE'S *PURPLE HIBISCUS*** is a bonafide record of studies carried out by **ADLIN JACOB J A (53021804002)** under the guidance and supervision during the year 2021-2023 in partial fulfillment of the requirement for the award of the Master of Arts of University of Kerala and no part of this has been submitted earlier for the award of any degree.


Guide

Mrs. NIDHI LEVIS

Assistant Professor

Department of English

Emmanuel College

Vazhichal



HOD

Mr. SANAL KUMAR C

Department of English

Emmanuel College

Vazhichal


Principal

Dr. J VIJAYAKUMAR

Emmanuel College

Vazhichal



College Seal

External Examiners

- 1.
- 2.

CERTIFICATE


This is to certify that the dissertation **TREATMENT OF MYTHOLOGY AND FEMINISM IN GITHA HARIHARAN'S *THE THOUSAND FACES OF NIGHT*** is a record of studies carried out by **Ambareesh A S (53021804005)**, at the Department of English, Emmanuel College, Vazhichal, during the year 2023, under the guidance of **Mrs. Binitha R**, Asst. Prof. Department of English, and submitted to the University of Kerala in Partial Fulfilment of the requirements for the award of the Degree of Master of Arts in English Language and Literature.


Mrs. Binitha R

Assistant Professor,
Emmanuel College, Vazhichal

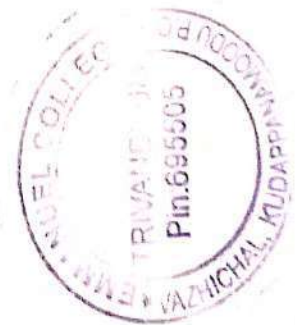

Mr. Sanal Kumar C

Head of Department of English
Emmanuel College, Vazhichal


Dr. J. Vijayakumar
Principal, Emmanuel
College, Vazhichal

Thiruvananthapuram

Date of submission



EMMANUEL COLLEGE
VAZHICHAL, KUDAPPANAMMOODU.P. O
THIRUVANANTHAPURAM
(AFFILIATED TO THE UNIVERSITY OF KERALA)

2021



CERTIFICATE

*This is to certify that the dissertation **COLONIZATION OF EAST AFRICA IN ABDUL RAZAK GURNAHS PARADISE AND AFTERLIVES: A STUDY IN HOMOLOGY** is a record of studies carried out by **SREELEKSHMI B L (53021804029)**, at the Department of English, Emmanuel College, Vazhichal, during the year 2023, under the guidance of **Mr. Manoj B.S.**, Asst. Prof. Department of English, and submitted to the University of Kerala in Partial Fulfilment of the requirements for the award of the Degree of Master of Arts in English Language and Literature.*


Mr. Manoj B.S.

Assistant Professor

College Emmanuel College, Vazhichal Emmanuel College, Vazhichal Vazhichal


Mr. Sanal Kumar C.

Head, Department of English,



Dr. J. Vijayakumar

Principal, Emmanuel

External Examiner:



EMMANUEL COLLEGE

VAZHICHAL, KUDAPPANAMMOODU.P. O

THIRUVANANTHAPURAM

(AFFILIATED TO THE UNIVERSITY OF KERALA)

2021



CERTIFICATE

This is to certify that the dissertation *AN ANALOGICAL STUDY ON SLAVERY IN TONI MORRISON'S BELOVED AND KATE CHOPIN'S THE AWAKENING* is a record of studies carried out by **Keertthi Krishna K S** (53021804020), at the Department of English, Emmanuel College, Vazhichal, during the year 2023, under the guidance of **Mr. Manoj B.S.**, Asst. Prof. Department of English, and submitted to the University of Kerala in Partial Fulfilment of the requirements for the award of the Degree of Master of Arts in English Language and Literature.

Mr. Manoj B.S.

Assistant Professor

Emmanuel College, Vazhichal

Mr. Sanal Kumar C.

Head, Department of English,

Emmanuel College, Vazhichal

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Principal

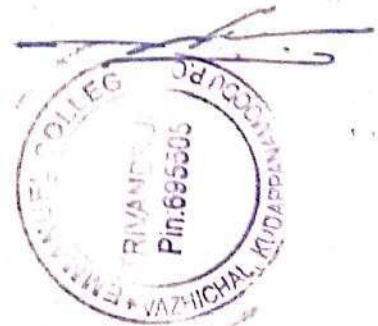
Emmanuel College, Vazhichal,
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Dr.J.Vijayakumar

Principal, Emmanuel College

Vazhichal

External Examiner:



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project entitled " PERCEPTION OF EMPLOYEES AND CUSTOMER'S ABOUT CORE BANKING SOLUTIONS WITH SPECIAL REFERENCE TO SBI " submitted to the University of Kerala in partial fulfilment of the requirement for the first-degree programme under CBCSS career related b.com computer application is a bonafide work carried out by the students under our guidance and supervision.

Place: Vazhichal

Date:

SHELY R.M

(Assistant prof. in commerce dept.)

Shely R.M
21/03/23

Mrs. PRINSALALI.V

(Head of department)

Prinsalali V
27/3/23

EXTERNAL EXAMINER

1. *L. Indurajani*

2.



**"PERCEPTION OF EMPLOYEES AND CUSTOMER'S ABOUT CORE
BANKING SOLUTIONS WITH SPECIAL REFERENCE TO SBI"**
*Project report submitted to the University of Kerala in partial fulfilment of the requirement
for the award of the degree of Bachelor of commerce"*

PROJECT REPORT

SUBMITTED BY

NAME OF THE STUDENT

CANDIDATE CODE

1. BENOY. B	15920804131
2. ABHIJA.A. S	15920804139
3. ANAND KRISHNAN. S	15920804152
4. AMAL. A. B	15920804150
5. SHIBIN S.	15920804181

Exam Code: 15918503

Course Code: CO1644

Under the guidance of

SHELY R M

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE



EMMANUEL COLLEGE VAZHICHAL

KUDAPPANAMOODU, TVM-695505

MARCH 2023

A STUDY ON MARKETING STRATEGIES OF CLUB MAHINDRA WITH SPECIAL REFERENCE TO POOVAR

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the
requirement for the award of the degree of bachelor of commerce.*

Submitted by

CANDIDATES NAME

CANDIDATES CODE

Anushibu.S

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Amal.A.S

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Anandhu.R.J

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33820804051

Exam Code : 33819603

Course Code : TT1644

Under the guidance of

Mrs.Soumya (B.com)

(Assistant professor in commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE OF ARTS AND SCIENCE 2020-23

CERTIFICATE



This is certify that the project work entitled “**A STUDY ON MARKETING STRATEGIES OF CLUB MAHINDRA WITH SPECIAL REFERENCE TO POOVAR**” is a bonafied record of the work done by **Anushibu.S, Amal.A.S, Anandhu.R.J, Joel.C.M, Surya.K.S** during the year 2020-23 in partial fullfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This disseratation represents entirely a dependet work done by candidates. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

Mrs. Soumya

Assistant professor in commerce

Head of the Department

Mrs. Prinsalali.V

Assistant professor in commerce

Place :

Date :

External Examiner

1..

2.



Office Seal

**TOURISM AS A DEVELOPMENT STRATEGY
IN SMALL REGION OF KERALA (SPECIAL REFERENCE
TO AZHIMALA)**

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

Submitted by

CANDIDATE NAME	CANDIDATE CODE
ABHISHEK.J.M	33820804017
AJITH. U.V	33820804019
MOHAMMED MUNEEF	33820804044
NANDAN. B	33820804045
SHALU. K.S	33820804013

EXAM CODE : 33819603
SUBJECT CODE : TT1644

Under the guidance of

REMYA. R. J

(Assistant professor in commerce)



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, KUDAPPANAMOODU P O
THIRUVANANTHAPURAM
2020-2023**

EMMANUEL COLLEGE VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "TOURISM AS A DEVELOPMENT STRATEGY IN SMALL REGION OF KERALA (SPECIAL REFERENCE TO AZHIMALA)" is a bonafide record of the work done by ABHISHEK.J.M (33820804017), AJITH. U.V(33820804019), MOHAMMED MUNEEF (33820804044), NANDAN. B (33820804045), SHALU.K.S (33820804013) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely dependent work done by candidate. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

Ramya. R.J

Assistant professor in commerce

Place:

Date:

22/3/23

Head of the Department

Mrs. Prinsalali V

Assistant professor in commerce



Office Seal

External Examiner

1.

19/5/23

2.

**A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE
SHOPPING WITH SPECIAL REFERENCE TO
THIRUVANANTHAPURAM DISTRICT
PROJECT REPORT**

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

SUBMITTED BY

STUDENT NAME	CANDIDATE CODE
AROGYA ABHISHA B F	33820804008
BISMIN S R	33820804009
ATHUL A S	33820804031
MUHAMMAD ASHKAR S	33820804043
SUJITH S	33820804055

EXAM CODE : 33819603

SUBJECT CODE : TT 1644

UNDER THE GUIDANCE OF

**MR. REJI T (M.Com, M PHIL, B.Ed, NET, SET)
Assistant Professor in Commerce**



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ATRS AND SCIENCE
(Affiliated by Kerala University)
THIRUVANANTHAPURAM 2020-2023**

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that the project work entitle "A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE SHOPPING WITH SPECIAL REFERENCE TO THIRUVANANTHAPURAM DISTRICT" is a bonafide record of the work done by AROGYA ABISHA B F (33820804008), BISMIN S R ((33820804009), ATHUL A S (33820804031), MUHAMMAD ASHKAR S (33820804043), SUJITH S (33820804055) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and Travel and Tourism Management of the Kerala University. This dissertation represents entirely dependent work done by the candidates. This has not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

MR. REJI T

Assistant Professor in Commerce

Place : Vazhichal

Date :

External Examiner

1.

2.

Head of Department

Mrs. Prinsalali.V

Assistant Professor in Commerce



**THE STUDY OF PERCEPTION OF TOURISTS ABOUT ECOTOURISM
AND ITS SUSTAIN ABILITY IN PONMUDI TOURIST SPOT**

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

Submitted by

Name of the Candidate	Candidate code
APARNA U J	33820804007
HARI KRISHNAN K	33820804034
HARI PRASAD R N	33820804035
MIDHUN M	33820804011
SREEJITH V	33820804014

Examination Code : 33819603
Subject Code : TT1644

Under the guidance of

Mr.ANU.M (M.Com, M.Phill, NET, SET, CAT)
(Assistant Professor, Commerce Department)



DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, KUDAPPANAMOODU P O

THIRUVANANTHAPURAM
2020-2023

EMMANUEL COLLEGE VAZHICAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that project report entitled **"THE STUDY OF PERCEPTION OF TOURISTS ABOUT ECOTOURISM AND ITS SUSTAINABILITY IN PONMUDI TOURIST SPOT"** is a bonafide record of work done by APARNA U J (33820804007), HARI KRISHNAN K (33820804034), HARI PRASAD R N(33820804035), MIDHUN M (33820804011), SREEJITH V (33820804014) B.COM TTM S6 (SIXTH SEMESTER) under my guidance towards partial fulfillment of the required for the award of degree of bachelor of commerce on the University of Kerala during the period 2022-2023

Project guide

Mr. Anu.M (M.com,M .phill,NET, SET,CAT)

(Assistant professor,commerce department)

Head of the Department

Mrs. Prinsalali.V

Assistant professor in Commerce

Place: Vazhichal

Date :

External Examiner

1.

2.



A STUDY ON ATTITUDE AND PERCEPTION OF TOURIST TOWARDS NATURE BASED TOURISM IN THENMALA

PROJECT REPORT

*Submitted to the university of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

SUBMITTED BY

CANDIDATE NAME

CANDIDATE CODE

KAVERI SANTHAN L S

33820804041

EBIN R JUSTIN

33820804010

AL SUBUHAN S B

33820804023

ABEESHLAL X C

33820804016

EXAM CODE : 33819603

SUBJECT CODE : TT1644

Under the guidance of

MR. VISHNU AS

(M.Com, B.Ed, NET,SET)

(Assistant professor in commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL, KUDAPPANAMOODU .P.O, THIRUVANANTHAPURAM


2020-2023


EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON ATTITUDE AND PERCEPTION OF TOURIST TO WARDS NATURE BASED TOURISM IN THENMALA" is a bonafide record of the work done by KAVERI SANTHAN L S (33820804041) EBIN R JUSTIN (33820804010), AL SUBUHAN S B (33820804023), ABEESHLAL X C (33820804016) during the year 201122 in partial fulfillment of the requirements for the award of Degree 2020-2023 in Commerce and Tourism and Travel Management of the Kerala University. This dissertation represents entirely dependent work done by candidates. This has not formed the basis for the award of any degree diploma by this university or any other university.


MR. VISHNU.A.S
(Project Guide)


MRS. PRINSA LALI.V
(Head of the Department)

Place :

Date :

External Examiner

1. 
2. 
19/5/23

Office seal



A STUDY ON MEASURING CUSTOMER SATISFACTION TOWARDS FLIPKART SHOPPING, WITH SPECIAL REFERENCE TO VELLARADA PROJECT REPORT

*(Report submitted to University of Kerala for the partial fulfillment of the requirement of
the award of Degree of Bachelor of Commerce)*

Submitted by:

CANDIDATES

1. AMBADI P. S

2. ARAVIND N.S

3. JENCY S V

4. SARA VAN S R

5. SUJITH K

CANDIDATE CODE

33820804004

33820804029

33820804036

33820804049

33820804054

Exam code : 33819603

Course code. : TT 1644

Under the Guidance of:

Mrs.SINDHU K S

(Assistant professor Commerce, Mcom, MBA, Mphil)



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE, VAZHICHAL
KUDAPPANAMOODU P.O.
THIRUVANANTHAPURAM, KERALA
(Affiliated to University of Kerala 2021-22)**

EMMANUEL COLLEGE, VAZHICAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that this project entitled "A study on measuring customer satisfaction towards Flipkart Shopping and availability of several product at the web portal with reference to VELLARADA" is a bonafide record of work done by **AMBADI P. S-33820804004, ARAVIND N.S-33820804029, JENCY S -33820804036, SARAVAN S R-33820804049, SUJITH -33820804054**, B.Com TTM S6(Sixth Semester) under my guidance towards partial fulfilment of the required for the award of bachelor of commerce on the University of Kerala of Kerala during the period 2022-2023

Place: Vazhichal

Date:

PROJECT GUIDE

Mrs. SINDHU K S

(Assistant Professor Dept.of Commerce)

HEAD OF THE DEPARTMENT

MRS. PRINSA LALI V

(Assistant Professor Dept.of Commerce)

EXTERNAL EXAMINER

1.

2.



**“A STUDY ON THE IMPACT OF ONLINE BANKING WITH SPECIAL
REFERENCE TO SBI NEYYATINKARA”**

PROJECT REPORT

*Submitted to the university of kerala in partial fulfilment of the requirement for the award of
the degree of bachelors of commerce under CBCSS*

Submitted by

CANDIDATE NAME	CANDIDATE CODE
AJAY P SURENDRAN	33820804002
ATHUL S S	33820804032
JIJO J S	33820804037
KAVITHA V DAS	33820804042
VINCY JASMINE S	33820804056

EXAM CODE : 33819603

COURSE CODE: TT1644

Under the guidance of

Mrs. DIVYA RAJ U S (M.com ,M.phil)

(Assistant professor,department of commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE VAZHICHAL

(Affiliated by university of kerala)

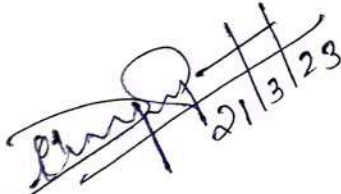
2020-2023

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON THE IMPACT OF ONLINE BANKING WITH SPECIAL REFERENCE TO SBI NEYYATINKARA" is a bonafide record of the work done by AJAY P SURENDRAN (33820804002), ATHUL S S (33820804032), JIJO J S (33820804037) KAVITHA V DAS (33820804042), VINCY JASMINE S (33820804056) during the year 2020-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Place: Vazhichal

Date:

 21/3/23

Mrs. DIVYA RAJ U S

Assistant professor

Department of commerce

 21/3/23

Mrs. PRINSA LALIV

Head of the department

Assistant professor

Department of commerce

External examiner

1. 
- 2.

Office seal



EMMANUEL COLLAGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that this project entitled “A STUDY ON CUSTOMER SATISFACTION LEVEL ON ONLINE SHOPPING WITH SPECIAL REFERENCE TO AJIO.COM” is a bonafide record of work done by ANAND G.S 338-20804005, ANANDAKRISHNAN 338-20804026, APARNA PRABHAKARAN 338-20804028, DERIK ANTONY 338-20804033, SHERBIN.S 338-20804050, B.Com TTM S6(Sixth Semester) under my guidance towards partial fulfilment of the required for the award of bachelor of commerce on the University of Kerala of Kerala during the period 2022-2023

Place: Vazhichal

Date:


PROJECT GUIDE

Mrs. SHELly R.M

(Assistant Professor Dept.of Commerce)


HEAD OF THE DEPARTMENT

MRS. PRINSA LALI V

(Assistant Professor Dept.of Commerce)

EXTERNAL EXAMINER

1. 

2.



EMMANUEL COLLEGE

VAZHICHAL

CERTIFICATION

I **Mrs.V.S.Anisha**, do hereby certify that the Project "**A STUDY ON JOB SATISFACTION OF EMPLOYEES IN MILMA DIARY AMBALATHRA**" Submitted by ADARSH MOHAN (33820804001), AKASH.A.B (33820804003), NIDHIN P NELSON (33820804046), PRINCE J RICHARD (33820804047), SREEBHADRA.S (33820804052) Practical fulfilment of the recruitment for award of the degree of Bachelor of Commerce by the Kerala university is a bonofied record of project done by them during 2022-2023 under my supervision and guidance.

Place : Vazhichal

Date :


Mrs.V.S.Anisha

Assistant Professor

Department of Commerce

Emmanuel College, Vazhichal



COUNTER SIGNED

Examiner

1. 
2. 


22/3/22

Mrs.PRINSALALI.V

(M.com,B.Ed,Mphil,PGDCA)

(Assistant Professor)

Head of commerce Department

Emmanuel College, Vazhichal

EMMANUEL COLLEGE VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON PROSPECTS OF ADVENTURE TOURISM WITH SPECIAL REFERENCE TO THENMALA IN KOLLAM" is a bonafide record of the work done by ADHITHYAN. S.M (33820804018), AKSHAY. M.S (33820804022), ANNIE DAS. C.N (33820804027), ARYA. T.S. (33820804030), SUBIN. V.L (33820804053) during the year 2022-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely dependent work done by candidate. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

VINOD, T.S

Head of the Department

Mrs. Prinsali V

(Assistant professor in commerce)

(Assistant professor in commerce)

Place:

Date:

Office Seal

External Examiner



1.

2.

EMMANUEL COLLEGE VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON ATTITUDE TOWARDS ECOTOURISM AMONG FOREIGN TOURISTS IN KERALA" is a bonafide record of the work done by JOBY A (33820804039), NOUFIVA M (33820804012), SOORAJ H S (33820804015), SARATH L K (33820804048), JISHNU S M (33820804038) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely a dependent work done by candidates. This is not formed the basis for the award of any degree diploma by this university or any other university.


Project guide

Head of the Department

Dr. Melbha D

Mrs. Prinsalali V

Assistant professor in commerce

Assistant professor in commerce

Place:

Date: 29/03/2023

External examiner

1. 
2. 19/5/23



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE


CERTIFICATE



I, Mr. VISHNU.A.S, do hereby certify that the project "A STUDY ON THE IMPACT OF ONLINE BANKING WITH SPECIAL REFERENCE TO SBI KATTAKADA" submitted by ABHISREE.S.S (15920804069), MIDHULA.M.S (15920804076), NIMMI.N (15920804079), ADHUAITHU (15920804070), ABHIRAJ.J.S (15919804070), BINOY.B.S (15920804107) partial fulfillment of the recruitment for the award of the Degree of Bachelor Commerce by Kerala University is a bonafide record of project done by them during 2022-2023 under my supervision and guidance

Place: Vazhichal

Date:

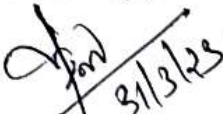

31/3/23
Mr. VISHNU.A.S,
(Project Guide),
Assistant professor,
Department of Commerce,
Emmanuel College, Vazhichal.

External Examiner

1. 
SD

2.




31/3/23
Mrs. PRINSA LALI.V,
(Head of the Department),
Assistant professor,
Department of Commerce,
Emmanuel College, Vazhichal.

DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the report entitled " A STUDY ON CONSUMER BEHAVIOUR OF ONLINE SHOPPING WITH SPECIAL REFERENCE TO TRIVANDRUM ", is a bonafide record of the work done by Navya S (Reg No. 15920804078), Abhijith A P (Reg. No. 15920804067), Gayathri M J (Reg. No. 15920804074), Adhithyan J (Reg No. 15920804071), Tony Jose (Reg. No. 15920804126) during the year 2022-2023 in partial fulfilment of the requirements for the award of the Degree of Bachelor of Commerce under CBCSS of the University of Kerala. This project represents entirely an independent work done by the candidates. This has not formed the basis for the award of any degree/diploma by this university or any other university.

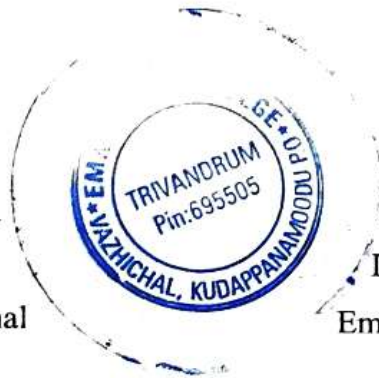
COUNTER SIGNED BY:

MRS. PRINSALALI V

Head of the Department

Department of Commerce

Emmanuel College, Vazhichal



PROJECT GUIDE

SHELY R M

Assistant Professor

Department of Commerce

Emmanuel College, Vazhical

EXTERNAL EXAMINER

1. *Sheerin Raj. U.*
- 2.

Place: Vazhichal

Date:



DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ARTS AND SCIENCE
(Affiliated to the University of Kerala)
Vazhichal, Thiruvananthapuram, Kerala

CERTIFICATE

This is to certify that project report entitled "An Assessment on Problems faced by Street Vendors in Kerala" is a bonafide record of work done by students of CBCSS B.Com S6 (Sixth Semester) under my guidance towards partial fulfillment of the required for the award of degree of bachelor of commerce on the University of Kerala during the period 2022-2023.


29/3/23

Mrs. Prinsalali
(HOD)


28/03/23

Mr. Vinodh T.S.
Project Guide

Place : Vazhichal
Date : 17/5/23



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "THE PROBLEM FACED BY EMPLOYEES IN CANDLE INDUSTRY WITH SPECIAL REFERENCE THIRUVANANTHAPURAM DISTRICT" is a bonafide record of the work done by SONA V (15920804123), APARNARAJ R B (15920804100), BLESSON J JOEL (15920804108), ARUN R M (15920804103) , ASWIN R (15920804105) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.


Project guide

Mr. REJI T

Assistant professor in commerce


Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examine

1. *Sherin Reju* 
- 2.



EMMANUEL COLLEGE VAZHICHAL

KUDAPPANAMOODU P.O



CERTIFICATE

This is to certify that this project report entitled "**A STUDY ON CUSTOMER SATISFACTION AT FOOD COURT OF LULU MALL TRIVANDRUM**" is a report of the project work done by, Bharathi S, Fathima Shabana, Midhun N, Sidharth Suresh S, Alan S under the guidance and supervision of Dileep Kumar S (Assistant professor in Commerce) and submitted to University of Kerala for the partial Fulfilment of the requirement for the award of the Degree of Bachelor of Commerce.

Project Guide

Dileep Kumar S

Assistant professor

Department of commerce

Mrs Prinsa Lali .V

Head of The Department

EXTERNAL EXAMINER:

1. *Sherin Rj-U*

2.



Vijay Kumar

Principal

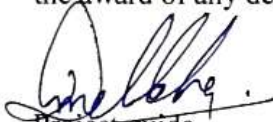
Emmanuel College Vazhichal,

Thiruvananthapuram

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE

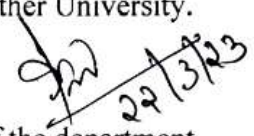


This is to certify that the project work entitled " A STUDY ON SAVINGS AND INVESTMENT PREFERENCE OF WORKING WOMEN IN RURAL AREA WITH SPECIAL REFERENCE TO VELLARADA GRAMA PANCHAYTH " is a bonafide record of the work done by Nithya M (15920804118), Anjana S S(15920804096) Devadethan R R(15920804110) Ashiq K (15920804104) Sneha Vinod S (15920804084) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.


Project guide

Dr.MELBHA D

Assistant professor in commerce


Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce



Place: Vazhichal

Date: 21/03/2023

External examiner

1. Sheerin Rg-U 
- 2.

Office seal

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled " **A STUDY ON THE EFFECTIVENESS OF GRIEVANCE HANDLING PROCEDURE IN KERALA SIDCO WITH SPECIAL REFERENCE TO TRIVANDRUM**" is a bonafide record of the work done by **ANGEL R JUSTIN (15920804072), ANUSHKA GOPAKUMAR (15920804098), SIBIN W S (15920804122), ARJITH S G (15920804102), ARAVIND S (15920804101)** during the year

2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mrs.REMYA R J

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

1. Sherin Rg. U.
- 2.

Office seal



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON THE USAGE OF GOOGLE PAY WITH SPECIAL REFERENCE TO THE THIRUVANTHAPURAM CITY" Is bonafide record of the work done by MALAVIKA K S (15920804115), ABHAYA RAJ. A (15920804065), SHIBIN S (15920804121), SUJITH S R (15920804124) during the year of 2020-2023 in partial fulfilment of the requirements for the award of degree in commerce and co-operation of Kerala University. This dissertation represents entirely a dependent work done by the candidates this has not formed the basis for the award of any degree diploma by this university or any other university.

Project guide

Dr. SHALILAL

Assistant professor in commerce

Shalilal
27/03/23

Head of the department

Mrs. PRINSA LALI V

Assistant professor in commerce

Prinsa Lali V
27/3/23

Place :

Date:

17/5/23

External examiner

1.

Sheerin Raj U

2.



Office seal

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled “STUDY ON ORGANISATION AT KERALA CO-OPERATIVE MILK MARKETING SOCIETY (MILMA)&CUSTOMER SATISFACTION ON MILMA PRODECTS WITH SPECIAL REFERENCE TO TVM DISTRICT” is a bonafide record of the work done by *Siva Nandini.S.A (15920804081)*, *Adithyan.A.C (15920804087)*, *Adithyan.S.Babu (15920804088)*, *Cijo Vijay.V.S (15920804109)*, *Saranya.S.M (15920804120)* under my supervision during the year 2022-2023 in partial fulfillment of the requirement for the award of the Degree in Bachelor in Commerce of the Kerala University and no part of this has been submitted earlier for the award of any Degree.

Place: Vazhichal

Date:

External Examiner

1 *[Signature]* Indurajani R

2



[Signature]
Mr.Vishakh.V.T

(Project Guide)

Assistant professor in Commerce

Countersigned

[Signature]
Mrs.Prinsa Lali.V

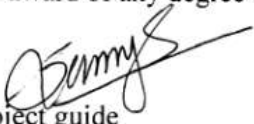
(Head of the Department),

Assistant professor in Commerce

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE

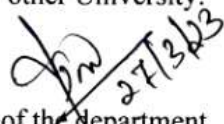


This is to certify that the project work entitled " A STUDY ON CUSTOMER SATISFACTION ON GOOGLE PAY IN TRIVANDRUM DISTRICT " is a bonafide record of the work done by Melvin Mathew(15920804116), Kiran R (15920804113), Adarsh A (15920804085), Karthika S Madhu (15920804075), Aleena A S(15920804091), during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.


Project guide

Mrs. SOUMYA S

Assistant professor in commerce


Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date: 27/3/23

External examiner

1. 
- 2.



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled " **A STUDY ON FLORICULTURE AS AN EMERGING BUSINESS OPPORTUNITY WITH SPECIAL REFERENCE IN TRIVANDRUM DISTRICT**" is a bonafide record of the work done by **ADHEENA KRISHNA B S (15920804086), RATHIKA B S (15920804080), NITHIN C J (15920804117), APARNA S R (15920804099), SHIVA SREEKANDAN (15920804082)** during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mr. ANU M

Assistant professor in commerce

Head of the department


Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examine

1.  Indurajani
- 2.



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled "A STUDY ON INVESTORS ATTITUDE TOWARDS CO-OPERATIVE BANK WITH SPECIAL REFERENCE TO KUTTICAL SERVICE CO-OPERATIVE BANK" is a bonafide record of the work done by Gayathri K B (15920804112), Ajeesh G B (15920804089), Angel R S (15920804095), Ambadi S K (15920804092) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mrs. SINDHU K S

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date: 17/5/23

External examiner

1. Sheerin Reg. U

2.



EMMANUEL COLLEGE, VAZHICAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is certify that the project work entitled "A STUDY ON THE IMPACT OF ONLINE MARKETING TO OFFLINE MARKET WITH SPECIAL REFERENCE TO THIRUVANANTHAPURAM DISTRICT" is a bonafide record of the work done by JIBIN BINU (15920804171), NIKIL.V.K (15920804176), GAYATHRI.B (15920804166), ANGELEENA JAMES (15920804153), JIJO M JOHN (15920804134) during the year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this university or any other Universities.

Project Guide

Dr. SHALILAL C H

Assistant Professor in Commerce

Head of the Department

Mrs. Prinsa Lali.V

Assistant Professor in Commerce

Place :

Date :

External examiner

1. Dr. MANOJ.C

2.



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS E-GOVERNANCE SERVICES THROUGH AKSHAYA CENTRES IN KERALA WITH SPECIAL REFERENCE TO ARYANCODE PANCHAYAT" is a bonafide record of work done by FARIZ AHAMMED T (15920804132) ASHNA F M (15920804160) BIJOY Y V (15920804162) GOPIKA B S (15920804168) JITHIN GALL (15920804171) towards the partial fulfillment of the requirement for the award of the Bachelor of Degree in Commerce of the Kerala University during the year 2022-23

Place: Vazhichal

Date:

MR. ANU M

(Assistant prof. in commerce dept.)

Mrs. PRINSALALI.V
(Head of department)

EXTERNAL EXAMINER

1. Dr. Anand C

2.



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE


CERTIFICATE

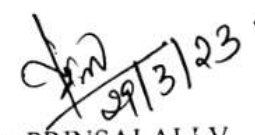


This is to certify that this project entitled " A STUDY ON CUSTOMER SATISFICATION IN JIO NETWORK WITH SPECIAL REFERENCE TO TRIVANDRUM " is a bonafide record of work done by ABY R S (15920804129) SAUGAN K S(15920804137) A M AKESH (15920804138) ANIJA S (15920804154) SUBINA SUDHEER S (15920804186) towards the partial fulfillment of the requirement for the award of the Bachelor of Degree in Commerce of the Kerala University during the year 2022-23

Place: Vazhichal

Date:


MR. DILSEPKUMAR S
(Assistant prof. in commerce dept.)


Mrs. PRINSALALI.V
(Head of department)

EXTERNAL EXAMINER

1.  Indurjani

2.



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled "A STUDY ABOUT THE CONSUMER BEHAVIOUR OF HANDLOOM PRODUCT IN THIRUVANTHAPURAM" is submitted by **Abin Suresh (15920804143)**, **Ajay Antony (15920804146)**, **Anupama.J (15920804156)**, **Femina Ashik (15920804165)**, **Jithu.J.S (15920804173)** in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala is bonafide record of the project done by they are during year 2022-2023 under my supervision and guidance.

Place: Vazhichal

Date :



Mr. Vishakh.V.T

(Project Guide)
Assistant Professor in Commerce


Mrs.Prinsa Lali.V

(Head of the Department),
Assistant Professor in Commerce

External Examiner

1.  Indurgani. C
- 2.



EMMANUEL COLLEGE VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project entitled "A STUDY ON WOMEN ENTREPRENEURSHIP IN KERALA WITH SPECIAL REFERENCE TO KOLLAM DISTRICT " submitted to the University of Kerala in partial fulfillment of the requirement for the first-degree programme under CBCSS career related b.com computer application is a bonafide work carried out by the students under our guidance and supervision.

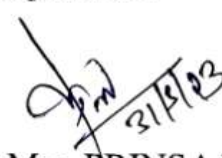
Place: Vazhichal

Date:

PROJECT GUIDE:

Mrs. SOUMYA S

(assistant professor , dept. of commerce)


Mrs. PRINSA LALI.V
(Head of department)

External examiner

1. 

2.

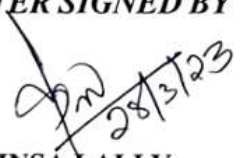


DEPARTMENT OF COMMERCE
CERTIFICATE




This is to certify that this project report entitled "A STUDY ON FARMER'S PERCEPTION TOWARDS AGRICULTURAL LOANS WITH SPECIAL REFERENCE TO FEDERAL BANK LTD, CHEMBOOR BRANCH" submitted by ANUPAMA.B.S (15920804157), AFSAL.P (15920804145), DAVID.I (15920804163), GOWTHAM KRISHNA.S (15920804133), NISL.B.S (15920804177) of sixth semester in partial fulfillment of the requirement for the award of the degree of bachelor of commerce by University of Kerala is bonafide record of the project work undertaken by them during the year 2020-2023 under my supervision and guidance.

COUNTER SIGNED BY


Mrs. PRINSA LALI.V
Head of the Department
Department of Commerce
Emmanuel College Vazhichal

PROJECT GUIDE


Dr. SHALILAL.C.H 27/03/23
Assistant professor
Department of Commerce
Emmanuel College Vazhichal

EXTERNAL EXAMINER

1. 

2.

Place : Vazhichal

Date :



DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project report title "A STUDY ON CUSTOMER SATISFACTION OF E-WALLET WITH SPECIAL REFERENCE TO KATTAKADA TALUK" is a bonafide record of project work done by ABIN THOMAS (15920804144), ANANDHA KRISHNAN.M.S (15920804151), BENOY.B (15920804161), SOUMYA.S.L (15920804184) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.

Place: Vazhichal

Date:


23/2023
Mr.VISHNU.A.S

(Project Guide)

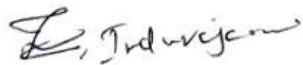
Assistant professor,

Department of Commerce,

Emmanuel College, Vazhichal

External Examiner

1



2

Countersigned


Mrs.PRINSA LALI.V

(Head of the Department),

Assistant professor,

Department of commerce,

Emmanuel Collage, Vazhichal



EMMANUEL COLLEGE, VAZHICHAL

(Affiliated to the University of Kerala)

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project entitled "A STUDY ON CUSTOMER'S PERCEPTION TOWARDS HOME LOANS PROVIDED BY THE THIRUVANATHAPURAM DISTRICT CO-OPERATIVE BANK WITH SPECIAL REFERENCE TO KATTAKADA BRANCH" is a bonafide record of project work done by is a Bonafede record of the work done by Abishek Jayan Rajani (Reg.No:159208041128), Meenu T S(Reg.No:15920804175),Gireesh R G(Reg.No:15920804167), Arya V V(Reg.No:15920804159),Abhiram R(Reg.No:15920804140), during the year 2020-2021 in partial fulfillment of the requirements for the award of the Degree of Bachelor of Commerce under CBCSS of the University of Kerala. This project represents entirely an independent work done by the candidates. This has not formed the basis for the award of any degree/diploma by this university or any other university

COUNTER SIGNED BY:

Mrs. PRINSA LALI.V

Head of the Department

Department of Commerce

Emmanuel college , Vazhichal

PROJECT GUIDE:

Dr. MELBHA D

Assistant professor

Department of commerce

Emmanuel college , Vazhichal

EXTERNAL EXAMINER

1. Dr. MANOJ.C

2.



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project entitled " PERCEPTION OF EMPLOYEES AND CUSTOMER'S ABOUT CORE BANKING SOLUTIONS WITH SPECIAL REFERENCE TO SBI " submitted to the University of Kerala in partial fulfilment of the requirement for the first-degree programme under CBCSS career related b.com computer application is a bonafide work carried out by the students under our guidance and supervision.

Place: Vazhichal

Date:

SHELY R.M
(Assistant prof. in commerce dept.)

Mrs. PRINSALALI.V
(Head of department)

EXTERNAL EXAMINER

1.

Dr. Anandose

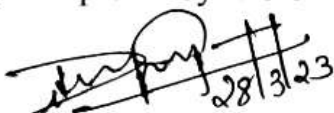
2.



CERTIFICATE



This is to certify that the project work entitled “CONSUMER SATISFACTION IN CO-OPERATIVE BANK IN ARYANAD” is a bonafide record of the work done by Ashiq Althaf (15920804130), Abhirami.G.R (15920804142), Akhila.M (15920804148), Nifin Remesh (15920804179), Shijo.S (15920804182) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.


Mrs. Divya Raj. U.S

(Project Guide)

Assistant Professor in Commerce


Mrs. Prinsa Lali. V

(Head of Department)

Assistant Professor in Commerce

Place :

Date :

External examiner

1.

2.

Office seal



CERTIFICATE



This is to certify that the project work entitled “CONSUMER SATISFACTION IN CO-OPERATIVE BANK IN ARYANAD” is a bonafide record of the work done by Ashiq Althaf (15920804130), Abhirami.G.R (15920804142), Akhila.M (15920804148), Nifin Remesh (15920804179), Shijo.S (15920804182) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.


Mrs. Divya Raj. U.S

(Project Guide)

Assistant Professor in Commerce


Mrs. Prinsa Lali. V


(Head of Department)

Assistant Professor in Commerce

Place :

Date :

External examiner

1. Indurajani 

2.



Office seal

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled " **A STUDY ON JOB SATISFACTION AMONG EMPLOYEES IN OXYGEN RETAIL LTD NEDUMANGADU** " is a bonafide record of the work done by Akshay A (33720804006), Aanimol S (33720804015), Ancy G J (33720804024), Felix C Suresh (33720804034), during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mrs. GEETHU A G

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

1. 17/05/2023
- 2.



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON FARMER'S PERCEPTION TOWARDS AGRICULTURAL LOANS WITH SPECIAL REFERENCE TO NABARD TRIVANDRUM" is a bonafide record of the work done by VICHITHRA J V (33720804044), ASWATHY RAJ A (33720804029), ABHIJITH S (33720804002), ABDULLA N (33720804001) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mr. REJI T

Assistant professor in commerce



Head of the department

Mrs. PRINSA LALI.V

Assistant profesor in commerce

Place: Vazhichal

Date:

External examine

1.

2.

Office seal

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled **“A STUDY ON SATISFACTION LEVEL OF TOURISTS WITH SEPCIAL REFERENCE TO KOVALAM, TRIVANDRUM”** is bonafide record of the work done by **ARUNIMA.H.S (33720804027), APSARA.S.M (33720804007), PREETHU.F.M (33720804040), MICHAEL VINS (33720804039)** during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree or diploma by this University or any other Universities.


Mr.ANU.M

(Project Guide)


Mrs.PRINSA LALI.V

(Head of the Department)

Place:

Date:

External Examiner

1.

2.



EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled " A STUDY ON CONSUMER SATISFACTION TOWARDS E-COMMERCE WITH SPECIAL REFERENCE TO KATTAKADA " is a bonafide record of the work done by Ronisa B S (33720804043), Aleena V Jayan (33720804019), Abhijith R A (33720804016), Vyshnav H (33720804045), during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mr. VISHNU A S

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALLV

Assistant professor in commerce

Place: Vazhichal

Date:



External examiner

Office seal


- 1.
- 2.


EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled " A STUDY ON ONLINE SHOPPING HABITS AMONG COLLEGE STUDENTS WITH SPECIAL TO TRIVANDRUM CITY " is a bonafide record of the work done by SONA B S (33720804013), ABHINA R RAJAN (33720804003), ABHIJITH K S (33720804004), LIPIN M S (33720804037) during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide 
Mrs. SHELY R M
Assistant professor in commerce

Head of the department 
Mrs. PRINSA LALLU
Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

- 1.
- 2.



DEPARTMENT OF COMMERCE

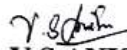
CERTIFICATE



This is to certify that this project report title “A STUDY ON THE IMPACT OF NET BANKING IN RURAL AREA WITH SPECIAL REFERENCE TO KATTAKADA” is a bonafide record of project work done by ARUN.B.R (33720804008), ASHBIN.C.G (33720804028), ATHULYA.A.C (33720804032) and INSHA.A.AJU (33720804036) during the year 2020-2023 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.

Place: Vazhichal

Date :


Mrs. V.S ANISHA

(Project Guide),

Assistant professor,

Department of commerce

Emmanuel College, Vazhichal

External examiner

1.

2.



Countersigned

Mrs. PRINSA LALI.V

(Head of the Department)

Assistant professor,

Department of Commerce,

Emmanuel College, Vazhichal

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that the project work entitled " **A STUDY ON CONSUMER SATISFACTION OF MILMA PRODUCTS WITH REFERENCE TO AMBALATHARA BRANCH** " is a bonafide record of the work done by Suseen V (33720804014) , Reneeshya S Dominic (33720804041) , Devanandan M J (33720804033) , Anjana M Shibu (33720804025), during the year 2022-2023 in partial fullfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mr. VINODH T S

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

- 1.
- 2.



DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project report title **"A STUDY ON SUCCESSFUL WOMEN ENTREPRENEURSHIP WITH REFERENCE TO NEYYATTINKARA"** is a bonafide record of project work done by **ASWATHY A (33720804010)**, **ANANDHALAKSHMI C ANIL (33720804021)**, **ANANDHU V S (33720804023)** and **ATHIRA R C (33720804030)** during the year 2020-2023 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.


Mrs. DIVYA RAJ U S

(Project Guide)

(Assistant Professor of Commerce)

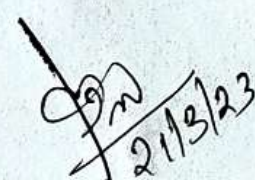
(Mcom , Mphil)

Department of commerce

Emmanuel College, Vazhichal

Place: Vazhichal

Date:


Countersigned

Mrs. PRINSA LALI V

(Head of the Department)

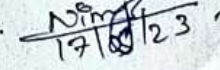
Assistant professor,

Department of commerce

Emmanuel College, Vazhichal



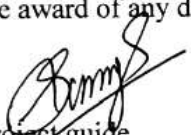
External examiner

1. 
17/8/23
- 2.

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE

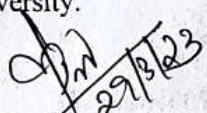


This is to certify that the project work entitled " **A STUDY ON EMPLOYEE-EMPLOYER RELATIONSHIP IN HANTEX, THIRUVANANTHAPURAM** " is a bonafide record of the work done by Arya A R (33720804009), Mohammed Nihal (33720804012), Amarnath A S (33720804020), Arun Kumar Anil Kumar(33720804026), during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.


Project guide

Mrs. SOUMYA S

Assistant professor in commerce


Head of the department


Mrs. PRINSA LALI.V

Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

1.  17/05/2023
- 2.



DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project report title “A STUDY ON THE USE OF MOBILE AMONG TEENAGERS AND ITS EFFECTS ON FAMILY AND SOCIAL RELATIONSHIPS” is a bonafide record of project work done by ABHIRAMI.A.T (33720804017), ABHISHEK.R.C (33720804018), SHYAM.M.R (33720804038) and RONAMOL.A.P (33720804042) during the year 2020-2023 in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other Universities.

Place: Vazhichal

Date :


Mr. VISHAKH.V.T



(Project Guide),

Assistant professor,

Department of commerce

Emmanuel College, Vazhichal

External examiner

1. 
2. 



Countersigned 

Mrs. PRINSA LALI.V

(Head of the Department)

Assistant professor,

Department of Commerce,

Emmanuel College, Vazhichal

EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled " **A STUDY ON THE PROBLEMS FACED BY NATURAL RUBBER CULTIVATORS WITH SPECIAL REFERENCE TO VELLARADA PANCHAYATH** " is a bonafide record of the work done by Athul Raj J L (33720804011), Yedhu Krishnan M S (33720804046), Athulya J (33720804031), Indrāja H S (33720804035), during the year 2022-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Project guide

Mrs. REMYA R J

Assistant professor in commerce

Head of the department

Mrs. PRINSA LALIV

Assistant professor in commerce

Place: Vazhichal

Date:

External examiner

- 1.
- 2.



EMMANUEL COLLEGE, VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that this project entitled " PERCEPTION OF EMPLOYEES AND CUSTOMER'S ABOUT CORE BANKING SOLUTIONS WITH SPECIAL REFERENCE TO SBI " submitted to the University of Kerala in partial fulfilment of the requirement for the first-degree programme under CBCSS career related b.com computer application is a bonafide work carried out by the students under our guidance and supervision.

Place: Vazhichal

Date:

SHELY R.M

(Assistant prof. in commerce dept.)

[Signature]
21/03/23

Mrs. PRINSALALI.V

(Head of department)

[Signature]
27/3/23

EXTERNAL EXAMINER

1. *[Signature]* Indurajani.a

2.



**"PERCEPTION OF EMPLOYEES AND CUSTOMER'S ABOUT CORE
BANKING SOLUTIONS WITH SPECIAL REFERENCE TO SBI"**
*Project report submitted to the University of Kerala in partial fulfilment of the requirement
for the award of the degree of Bachelor of commerce"*

PROJECT REPORT

SUBMITTED BY

NAME OF THE STUDENT

CANDIDATE CODE

1. BENOY. B	15920804131
2. ABHIJA.A. S	15920804139
3. ANAND KRISHNAN. S	15920804152
4. AMAL. A. B	15920804150
5. SHIBIN S.	15920804181

Exam Code: 15918503

Course Code: CO1644

Under the guidance of

SHELY R M

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE



EMMANUEL COLLEGE VAZHICHAL

KUDAPPANAMOODU, TVM-695505

MARCH 2023

A STUDY ON MARKETING STRATEGIES OF CLUB MAHINDRA WITH SPECIAL REFERENCE TO POOVAR

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the
requirement for the award of the degree of bachelor of commerce.*

Submitted by

CANDIDATES NAME

CANDIDATES CODE

Anushibu.S

33820804006

Amal.A.S

33820804024

Anandhu.R.J

33820804025

Joel.C.M

33820804040

Soorya.K.S

33820804051

Exam Code : 33819603

Course Code : TT1644

Under the guidance of

Mrs.Soumya (B.com)

(Assistant professor in commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE OF ARTS AND SCIENCE 2020-23

CERTIFICATE



This is certify that the project work entitled “**A STUDY ON MARKETING STRATEGIES OF CLUB MAHINDRA WITH SPECIAL REFERENCE TO POOVAR**” is a bonafied record of the work done by **Anushibu.S, Amal.A.S, Anandhu.R.J, Joel.C.M, Surya.K.S** during the year 2020-23 in partial fullfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This disseratation represents entirely a dependet work done by candidates. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

Mrs. Soumya

Assistant professor in commerce

Head of the Department

Mrs. Prinsalali.V

Assistant professor in commerce

Place :

Date :

External Examiner

1..

2.



Office Seal

**TOURISM AS A DEVELOPMENT STRATEGY
IN SMALL REGION OF KERALA (SPECIAL REFERENCE
TO AZHIMALA)**

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

Submitted by

CANDIDATE NAME	CANDIDATE CODE
ABHISHEK.J.M	33820804017
AJITH. U.V	33820804019
MOHAMMED MUNEEF	33820804044
NANDAN. B	33820804045
SHALU. K.S	33820804013

EXAM CODE : 33819603
SUBJECT CODE : TT1644

Under the guidance of

REMYA. R. J

(Assistant professor in commerce)



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, KUDAPPANAMOODU P O
THIRUVANANTHAPURAM
2020-2023**

EMMANUEL COLLEGE VAZHICHAL

DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "TOURISM AS A DEVELOPMENT STRATEGY IN SMALL REGION OF KERALA (SPECIAL REFERENCE TO AZHIMALA)" is a bonafide record of the work done by ABHISHEK.J.M (33820804017), AJITH. U.V(33820804019), MOHAMMED MUNEEF (33820804044), NANDAN. B (33820804045), SHALU.K.S (33820804013) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely dependent work done by candidate. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

Ramya. R.J

Assistant professor in commerce

Place:

Date:

22/3/23

Head of the Department

Mrs. Prinsalali V

Assistant professor in commerce



Office Seal

External Examiner

1.

19/5/23

2.

**A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE
SHOPPING WITH SPECIAL REFERENCE TO
THIRUVANANTHAPURAM DISTRICT
PROJECT REPORT**

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

SUBMITTED BY

STUDENT NAME	CANDIDATE CODE
AROGYA ABHISHA B F	33820804008
BISMIN S R	33820804009
ATHUL A S	33820804031
MUHAMMAD ASHKAR S	33820804043
SUJITH S	33820804055

EXAM CODE : 33819603

SUBJECT CODE : TT 1644

UNDER THE GUIDANCE OF

**MR. REJI T (M.Com, M PHIL, B.Ed, NET, SET)
Assistant Professor in Commerce**



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ATRS AND SCIENCE
(Affiliated by Kerala University)
THIRUVANANTHAPURAM 2020-2023**

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that the project work entitle "A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE SHOPPING WITH SPECIAL REFERENCE TO THIRUVANANTHAPURAM DISTRICT" is a bonafide record of the work done by AROGYA ABISHA B F (33820804008), BISMIN S R ((33820804009), ATHUL A S (33820804031), MUHAMMAD ASHKAR S (33820804043), SUJITH S (33820804055) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and Travel and Tourism Management of the Kerala University. This dissertation represents entirely dependent work done by the candidates. This has not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide

MR. REJI T

Assistant Professor in Commerce

Place : Vazhichal

Date :

External Examiner

1.

2.

Head of Department

Mrs. Prinsalali.V

Assistant Professor in Commerce



**THE STUDY OF PERCEPTION OF TOURISTS ABOUT ECOTOURISM
AND ITS SUSTAIN ABILITY IN PONMUDI TOURIST SPOT**

PROJECT REPORT

*Submitted to the University of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

Submitted by

Name of the Candidate	Candidate code
APARNA U J	33820804007
HARI KRISHNAN K	33820804034
HARI PRASAD R N	33820804035
MIDHUN M	33820804011
SREEJITH V	33820804014

Examination Code : 33819603
Subject Code : TT1644

Under the guidance of

Mr.ANU.M (M.Com, M.Phill, NET, SET, CAT)
(Assistant Professor, Commerce Department)



DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE OF ARTS AND SCIENCE
VAZHICAL, KUDAPPANAMOODU P O

THIRUVANANTHAPURAM
2020-2023

EMMANUEL COLLEGE VAZHICAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that project report entitled **"THE STUDY OF PERCEPTION OF TOURISTS ABOUT ECOTOURISM AND ITS SUSTAINABILITY IN PONMUDI TOURIST SPOT"** is a bonafide record of work done by APARNA U J (33820804007), HARI KRISHNAN K (33820804034), HARI PRASAD R N(33820804035), MIDHUN M (33820804011), SREEJITH V (33820804014) B.COM TTM S6 (SIXTH SEMESTER) under my guidance towards partial fulfillment of the required for the award of degree of bachelor of commerce on the University of Kerala during the period 2022-2023

Project guide

Mr. Anu.M (M.com,M .phill,NET, SET,CAT)

(Assistant professor,commerce department)

Head of the Department

Mrs. Prinsalali.V

Assistant professor in Commerce

Place: Vazhichal

Date :

External Examiner

1.

2.



A STUDY ON ATTITUDE AND PERCEPTION OF TOURIST TOWARDS NATURE BASED TOURISM IN THENMALA

PROJECT REPORT

*Submitted to the university of Kerala in partial fulfillment of the requirement for the
award of the degree of bachelor of commerce*

SUBMITTED BY

CANDIDATE NAME

CANDIDATE CODE

KAVERI SANTHAN L S

33820804041

EBIN R JUSTIN

33820804010

AL SUBUHAN S B

33820804023

ABEESHLAL X C

33820804016

EXAM CODE : 33819603

SUBJECT CODE : TT1644

Under the guidance of

MR. VISHNU AS

(M.Com, B.Ed, NET,SET)

(Assistant professor in commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE OF ARTS AND SCIENCE

VAZHICHAL, KUDAPPANAMOODU .P.O, THIRUVANANTHAPURAM


2020-2023


EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON ATTITUDE AND PERCEPTION OF TOURIST TO WARDS NATURE BASED TOURISM IN THENMALA" is a bonafide record of the work done by KAVERI SANTHAN L S (33820804041) EBIN R JUSTIN (33820804010), AL SUBUHAN S B (33820804023), ABEESHLAL X C (33820804016) during the year 201122 in partial fulfillment of the requirements for the award of Degree 2020-2023 in Commerce and Tourism and Travel Management of the Kerala University. This dissertation represents entirely dependent work done by candidates. This has not formed the basis for the award of any degree diploma by this university or any other university.


MR. VISHNU.A.S
(Project Guide)


MRS. PRINSA LALI.V
(Head of the Department)

Place :

Date :

External Examiner

1. 
2. 
19/5/23

Office seal



A STUDY ON MEASURING CUSTOMER SATISFACTION TOWARDS FLIPKART SHOPPING, WITH SPECIAL REFERENCE TO VELLARADA PROJECT REPORT

*(Report submitted to University of Kerala for the partial fulfillment of the requirement of
the award of Degree of Bachelor of Commerce)*

Submitted by:

CANDIDATES

1. AMBADI P. S

2. ARAVIND N.S

3. JENCY S V

4. SARAVAN S R

5. SUJITH K

CANDIDATE CODE

33820804004

33820804029

33820804036

33820804049

33820804054

Exam code : 33819603

Course code. : TT 1644

Under the Guidance of:

Mrs.SINDHU K S

(Assistant professor Commerce, Mcom, MBA, Mphil)



**DEPARTMENT OF COMMERCE
EMMANUEL COLLEGE, VAZHICHAL
KUDAPPANAMOODU P.O.
THIRUVANANTHAPURAM, KERALA
(Affiliated to University of Kerala 2021-22)**

EMMANUEL COLLEGE, VAZHICAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that this project entitled "A study on measuring customer satisfaction towards Flipkart Shopping and availability of several product at the web portal with reference to VELLARADA" is a bonafide record of work done by **AMBADI P. S-33820804004, ARAVIND N.S-33820804029, JENCY S -33820804036, SARAVAN S R-33820804049, SUJITH -33820804054**, B.Com TTM S6(Sixth Semester) under my guidance towards partial fulfilment of the required for the award of bachelor of commerce on the University of Kerala of Kerala during the period 2022-2023

Place: Vazhichal

Date:

PROJECT GUIDE

Mrs. SINDHU K S

(Assistant Professor Dept.of Commerce)

HEAD OF THE DEPARTMENT

MRS. PRINSA LALI V

(Assistant Professor Dept.of Commerce)

EXTERNAL EXAMINER

1.

2.



**“A STUDY ON THE IMPACT OF ONLINE BANKING WITH SPECIAL
REFERENCE TO SBI NEYYATINKARA”**

PROJECT REPORT

*Submitted to the university of kerala in partial fulfilment of the requirement for the award of
the degree of bachelors of commerce under CBCSS*

Submitted by

CANDIDATE NAME	CANDIDATE CODE
AJAY P SURENDRAN	33820804002
ATHUL S S	33820804032
JIJO J S	33820804037
KAVITHA V DAS	33820804042
VINCY JASMINE S	33820804056

EXAM CODE : 33819603

COURSE CODE: TT1644

Under the guidance of

Mrs. DIVYA RAJ U S (M.com ,M.phil)

(Assistant professor,department of commerce)



DEPARTMENT OF COMMERCE

EMMANUEL COLLEGE VAZHICHAL

(Affiliated by university of kerala)

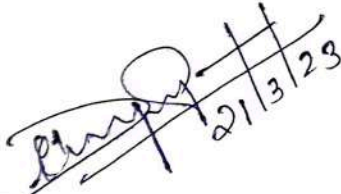
2020-2023

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON THE IMPACT OF ONLINE BANKING WITH SPECIAL REFERENCE TO SBI NEYYATINKARA" is a bonafide record of the work done by AJAY P SURENDRAN (33820804002), ATHUL S S (33820804032), JIJO J S (33820804037) KAVITHA V DAS (33820804042), VINCY JASMINE S (33820804056) during the year 2020-2023 in partial fulfilment of the requirement for the award of the Degree of Bachelor of Commerce of University of Kerala. This has not formed the basis for the award of any degree diploma by this University or any other University.

Place: Vazhichal

Date:

 21/3/23

Mrs. DIVYA RAJ U S

Assistant professor

Department of commerce

 21/3/23

Mrs. PRINSA LALIV

Head of the department

Assistant professor

Department of commerce

External examiner

1. 
- 2.

Office seal



EMMANUEL COLLAGE, VAZHICHAL
DEPARTMENT OF COMMERCE
CERTIFICATE



This is to certify that this project entitled “A STUDY ON CUSTOMER SATISFACTION LEVEL ON ONLINE SHOPPING WITH SPECIAL REFERENCE TO AJIO.COM” is a bonafide record of work done by ANAND G.S 338-20804005, ANANDAKRISHNAN 338-20804026, APARNA PRABHAKARAN 338-20804028, DERIK ANTONY 338-20804033, SHERBIN.S 338-20804050, B.Com TTM S6(Sixth Semester) under my guidance towards partial fulfilment of the required for the award of bachelor of commerce on the University of Kerala of Kerala during the period 2022-2023

Place: Vazhichal

Date:


PROJECT GUIDE

Mrs. SHELLY R.M

(Assistant Professor Dept.of Commerce)


HEAD OF THE DEPARTMENT

MRS. PRINSA LALI V

(Assistant Professor Dept.of Commerce)

EXTERNAL EXAMINER

1. 

2.



EMMANUEL COLLEGE

VAZHICHAL

CERTIFICATION

I **Mrs.V.S.Anisha**, do hereby certify that the Project "**A STUDY ON JOB SATISFACTION OF EMPLOYEES IN MILMA DIARY AMBALATHRA**" Submitted by ADARSH MOHAN (33820804001), AKASH.A.B (33820804003), NIDHIN P NELSON (33820804046), PRINCE J RICHARD (33820804047), SREEBHADRA.S (33820804052) Practical fulfilment of the recruitment for award of the degree of Bachelor of Commerce by the Kerala university is a bonofied record of project done by them during 2022-2023 under my supervision and guidance.

Place : Vazhichal

Date :


Mrs.V.S.Anisha

Assistant Professor

Department of Commerce

Emmanuel College, Vazhichal



COUNTER SIGNED

Examiner

1. 
2. 


22/3/22

Mrs.PRINSALALI.V

(M.com,B.Ed,Mphil,PGDCA)

(Assistant Professor)

Head of commerce Department

Emmanuel College, Vazhichal

EMMANUEL COLLEGE VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON PROSPECTS OF ADVENTURE TOURISM WITH SPECIAL REFERENCE TO THENMALA IN KOLLAM" is a bonafide record of the work done by ADHITHYAN. S.M (33820804018), AKSHAY. M.S (33820804022), ANNIE DAS. C.N (33820804027), ARYA. T.S. (33820804030), SUBIN. V.L (33820804053) during the year 2022-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely dependent work done by candidate. This is not formed the basis for the award of any degree diploma by this university or any other university.

Project Guide


VINOD, T.S

Head of the Department

Mrs. Prinsali V

(Assistant professor in commerce)

(Assistant professor in commerce)

Place:

Date:

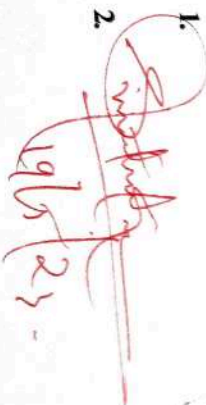
Office Seal

External Examiner



1.

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19/5/23

EMMANUEL COLLEGE VAZHICHAL
DEPARTMENT OF COMMERCE

CERTIFICATE



This is to certify that the project work entitled "A STUDY ON ATTITUDE TOWARDS ECOTOURISM AMONG FOREIGN TOURISTS IN KERALA" is a bonafide record of the work done by JOBY A (33820804039), NOUFIVA M (33820804012), SOORAJ H S (33820804015), SARATH L K (33820804048), JISHNU S M (33820804038) during the year 2020-23 in partial fulfillment of the requirements for the award of Degree in Commerce and tourism and travel management of the Kerala University. This dissertation represents entirely a dependent work done by candidates. This is not formed the basis for the award of any degree diploma by this university or any other university.


Project guide

Head of the Department

Dr. Melbha D

Mrs. Prinsalali V

Assistant professor in commerce

Assistant professor in commerce

Place:

Date: 29/03/2023

External examiner

1. 
2. 19/5/23

