

PRIME FACTORIZATION

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

AHALYA K S

(REG NO: CRASSMT001)



DEPARTMENT OF MATHEMATICS

CARMEL COLLEGE MALA

MARCH 2021

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CERTIFICATE

This is to certify that this project entitled “**PRIME FACTORIZATION**” submitted by **AHALYA K S** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

Project Guide

Department of Mathematics

Dr. Jismy Joseph

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INTERNAL EXAMINER

EXTERNAL EXAMINER

GRAPH THEORY

Project Report Submitted to the University of Calicut in the partial
fulfilment of the requirements for the award of

BACHELOR OF DEGREE IN MATHEMATICS

By

AKHILA A V (CRASSMT002)

UNDER THE SUPERVISION OF

DR.JISMI JOSEPH

HEAD OF THE DEPARTMENT



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CARMEL COLLEGE MALA

THRISSUR, KERALA

MARCH 2021



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This is to certify that this project entitled "GRAPH THEORY" submitted by **AKHILA A V** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, consisting of a stylized 'J' and 'S' followed by a horizontal line.

Dr. Jismy Joseph
Project Guide
Department of Mathematics

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INTERNAL EXAMINER

EXTERNAL EXAMINER

LINEAR CODES

Project Report submitted to University of Calicut in partial fulfillment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

AKSHANA K N

(REG NO.CRASSMT023)

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DR JISMY JOSEPH

ASSISTANT PROFESSOR



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This is to certify that this project entitled "LINEAR CODES" submitted by AKSHANA K N in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, appearing to be "Jismy Joseph", is written over a set of horizontal lines.

Dr. Jismy Joseph
Project Guide
Department of Mathematics

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Dr. Jismy Joseph
Head of the Department
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INTERNAL EXAMINER

EXTERNAL EXAMINER

FAREY SEQUENCE AND ITS APPLICATION

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

ALEENA PAULSON

(REG NO: CRASSMT003)



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This is to certify that this project entitled “**FAREY SEQUENCE AND ITS APPLICATION**” “submitted by **ALEENA PAULSON** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.


Ms. Rachel Paul
Project Guide
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INTERNAL EXAMINER


Dr. Jismy Joseph
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EXTERNAL EXAMINER

PRIME FACTORIZATION

Dissertation submitted to

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in

MATHEMATICS

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ALFEE P R

(REG NO: CRASSMT024)



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This is to certify that this project entitled “**PRIME FACTORIZATION**” submitted by **ALFEE P R** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul
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INTERNAL EXAMINER

EXTERNAL EXAMINER

BOOLEAN LATTICE

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

ANAGHAKRISHNA KU

(REG NO.CRASSMT004)



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CARMEL COLLEGE MALA

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This is to certify that this project entitled “**BOOLEAN LATTICE**“ submitted by **ANAGHAKRISHNA KU** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in black ink, appearing to read 'Riya Jose', is positioned above the name of the project guide.

Ms. Riya jose
Project Guide
Department of Mathematics

A handwritten signature in black ink, appearing to read 'Jismy Joseph', is positioned above the name of the head of the department.

Dr. Jismy joseph
Head of the Department
Department of Mathematics

INTERNAL EXAMINER

EXTERNAL EXAMINER

EULERIAN GRAPH

Dissertation submitted to

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in

MATHEMATICS

by

ANDRIYA KURIAN

(REG NO.CRASSMT025)



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This is to certify that this project entitled “**EULERIAN GRAPH**“ submitted by **ANDRIYA KURIAN** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms Riya Jose
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INTERNAL EXAMINER

EXTERNAL EXAMINER

ELLIPTIC CURVE

Dissertation submitted to

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in

MATHEMATICS

by

ANIDA BENNY A (CRASSMT026)



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CERTIFICATE

This is to certify that this project entitled “**ELLIPTIC CURVE**” submitted by **ANIDA BENNY A** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 20182021. This project report has not been submitted for any other degree elsewhere.

Dr. Jismy Joseph

Project Guide

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Dr. Jismy Joseph

Head of the Department

Department of Mathematics

INTERNAL EXAMINER

EXTERNAL EXAMINER

PRIME FACTORIZATION

Dissertation submitted to

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in

MATHEMATICS

by

ANJALY PAUL

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CERTIFICATE

This is to certify that this project entitled "**PRIME FACTORIZATION**" submitted by **ANJALY PAUL** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul
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INTERNAL EXAMINER

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LINEAR CODES

Dissertation submitted to

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in

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ANJUMOL V C

(REG NO.CRASSMT027)



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A handwritten signature in blue ink, appearing to be 'Dr. Jismy Joseph', is written over a set of three parallel diagonal lines.

Dr. Jismy Joseph
Project Guide
Department of Mathematics

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Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINER

BOOLEAN LATTICE

Dissertation submitted to

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in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

ANN MARY P J

(REG NO.CRASSMT028)



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This is to certify that this project entitled “**BOOLEAN LATTICE**“ submitted by **ANN MARY P J** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Riya Jose
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Department of Mathematics

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INTERNAL EXAMINER

EXTERNAL EXAMINER

GRAPH THEORY

Dissertation submitted to

University of Calicut

in partial fulfillment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

ASHNA VARGHEESE

(REG NO.CRASSMT006)



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**DEPARTMENT OF MATHEMATICS
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This is to certify that this project entitled “**GRAPH THEORY**“ submitted by **ASHNA VARGHEESE** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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Dr. Jismy Joseph
Project Guide
Department of Mathematics

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Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINER

FUZZY MATHEMATICS

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

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ATHIRA K P

(REG NO: CRASSMT029)



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CERTIFICATE

This is to certify that this project entitled “**FUZZY MATHEMATICS** ” submitted by **ATHIRA K P** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

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INTERNAL EXAMINER

EXTERNAL EXAMINER

FAREY SEQUENCE AND ITS APPLICATION

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

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by

ATHULYA JOY

(REG NO : CRASSMT007)



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CARMEL COLLEGE MALA

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CERTIFICATE

This is to certify that this project entitled "**FAREY SEQUENCE AND ITS APPLICATION**" submitted by **ATHULYA JOY** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

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INTERNAL EXAMINER

EXTERNAL EXAMINER

BOOLEAN LATTICE

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

ATHULYA K

(REG NO.CRASSMT008)



DEPARTMENT OF MATHEMATICS

CARMEL COLLEGE MALA

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**DEPARTMENT OF MATHEMATICS
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CERTIFICATE

This is to certify that this project entitled “**BOOLEAN LATTICE**“ submitted by **ATHULYA K** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Riya jose
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INTERNAL EXAMINER

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FUZZY MATHEMATICS

Dissertation submitted to

University of Calicut

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BACHELOR OF DEGREE

in

MATHEMATICS

by

CHENGINIYADAN ANSU MARIA THOMAS

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CARMEL COLLEGE MALA

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**DEPARTMENT OF MATHEMATICS
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This is to certify that this project entitled **“FUZZY MATHEMATICS** “submitted by **CHENGINIYADAN ANSU MARIA THOMAS** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

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INTERNAL EXAMINER

EXTERNAL EXAMINER

EULERIAN GRAPH

Dissertation submitted to

University of Calicut

in partial fulfillment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

DILNA JOSEPH

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CARMEL COLLEGE MALA

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**DEPARTMENT OF MATHEMATICS
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This is to certify that this project entitled “**EULERIAN GRAPH**“ submitted by **DILNA JOSEPH** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms Rfya Jose

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Dr. Jismy Joseph

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INTERNAL EXAMINER

EXTERNAL EXAMINER

FUZZY MATHEMATICS

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

FINA DEVASSY

(REG NO: CRASSMT011)



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CERTIFICATE

This is to certify that this project entitled “FUZZY MATHEMATICS” submitted by **FINA DEVASSY** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.


Ms. Rachel Paul
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Department of Mathematics

INTERNAL EXAMINER


Dr. Jismy Joseph
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EXTERNAL EXAMINER

ELLIPTIC CURVE

*Project Report submitted to
University of Calicut
in partial fulfilment of the requirements for the award of*

BACHELOR OF DEGREE

in

MATHEMATICS

by

GAYATHRI PURUSHOTHAMAN (CRASSMT012)

UNDER THE SUPERVISION OF

DR. JISMY JOSEPH

ASSISTANT PROFESSOR



DEPARTMENT OF MATHEMATICS

CARMEL COLLEGE MALA

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CERTIFICATE

This is to certify that this project entitled “**ELLIPTIC CURVE**” submitted by **GAYATHRI PURUSHOTHAMAN** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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Dr. Jismy Joseph
Project Guide
Department of Mathematics

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Dr. Jismy Joseph
Head of the Department
Department of Mathematics

INTERNAL EXAMINER

EXTERNAL EXAMINER

PRIME FACTORIZATION

Dissertation submitted to

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in

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by

GREENA JAIN

(REG NO: CRASSMT030)



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CARMEL COLLEGE MALA

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This is to certify that this project entitled **“PRIME FACTORIZATION”** submitted by **GREENA JAIN** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

Project Guide

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Dr. Jismy Joseph

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Department of Mathematics

INTERNAL EXAMINER

EXTERNAL EXAMINER

LINEAR CODES

Dissertation submitted to

University of Calicut

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in

MATHEMATICS

by

JENIFER N SHYJU

(REG NO.CRASSMT031)



DEPARTMENT OF MATHEMATICS

CARMEL COLLEGE MALA

MARCH 2021

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This is to certify that this project entitled “**LINEAR CODES** “ submitted by **JENIFER N SHYJU** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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Dr. Jismy Joseph
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Department of Mathematics

A handwritten signature in blue ink, identical to the one on the left, consisting of a stylized 'J' and 'S' with a horizontal line through them.

Dr. Jismy Joseph
Head of the Department
Department of Mathematics

INTERNAL EXAMINER

EXTERNAL EXAMINER

GRAPH THEORY

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

JISNA TONY

(REG NO. CRASSMT032)



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MARCH 2021

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This is to certify that this project entitled “**GRAPH THEORY**” submitted by **JISNA TONY** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, appearing to be "Jismy Joseph", written over a horizontal line.

Dr. Jismy Joseph
Project Guide
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INTERNAL EXAMINER

EXTERNAL EXAMINER

LINEAR CODES

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

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This is to certify that this project entitled "LINEAR CODES" submitted by JISSY SUNNY in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, appearing to be 'J. Joseph', with a horizontal line above it.

Dr. Jismy Joseph
Project Guide
Department of Mathematics

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Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINER

FAREY SEQUENCE AND ITS APPLICATION

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

MALAVIKA VISWANATHAN

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This is to certify that this project entitled “**FAREY SEQUENCE AND ITS APPLICATION**” submitted by **MALAVIKA VISWANATHAN** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

BOOLEAN LATTICE

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in

MATHEMATICS

by

MARIYA K J

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CERTIFICATE

This is to certify that this project entitled “**BOOLEAN LATTICE**“ submitted by **MARIYA K J** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Riya jose
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Dr. Jismy joseph
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INTERNAL EXAMINER

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EULERIAN GRAPH

Dissertation submitted to

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BACHELOR OF DEGREE

in

MATHEMATICS

by

MARIYAMOL BABU

(REG NO.CRASSMT015)



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This is to certify that this project entitled “**EULERIAN GRAPH**“ submitted by **MARIYAMOL BABU** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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in

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(REG NO.CRASSMT034)



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This is to certify that this project entitled "EULERIAN GRAPH" submitted by **MINNU MARIA JOHN** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Riya Jose
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INTERNAL EXAMINER

EXTERNAL EXAMINER

ELLIPTIC CURVE

Dissertation submitted to

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in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

MIRFATH T N

(REG NO.CRASSMT016)



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THRISSUR,680741



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This is to certify that this project entitled "ELLIPTIC CURVE" submitted by **MIRFATH T N** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

PRIME FACTORIZATION

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BACHELOR OF DEGREE

in

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by

POOJA K P

(REG NO: CRASSMT017)



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THRISSUR, 680732



CERTIFICATE

This is to certify that this project entitled “**PRIME FACTORIZATION**” submitted by **POOJA K P** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

Project Guide

Department of Mathematics

Dr. Jismy Joseph

Head of the Department

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INTERNAL EXAMINER

EXTERNAL EXAMINER

FUZZY MATHEMATICS

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

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(REG NO: CRASSMT035)




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THRISSUR, 680732



CERTIFICATE

This is to certify that this project entitled “FUZZY MATHEMATICS ” submitted by **PRIYA K P** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Ms. Rachel Paul

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Dr. Jismy Joseph

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INTERNAL EXAMINER

EXTERNAL EXAMINER

GRAPH THEORY

Project Report Submitted to the University of Calicut in the partial
fulfilment of the requirements for the award of

BACHELOR OF DEGREE IN MATHEMATICS

By

RESHMI M B (CRASSMT018)

UNDER THE SUPERVISION OF

DR.JISMI JOSEPH

HEAD OF THE DEPARTMENT



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THRISSUR, KERALA

MARCH 2021



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This is to certify that this project entitled “**GRAPH THEORY**“ submitted by **RESHMI M B** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

GRAPH THEORY

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

BY


ROSE U T (CRASSMTO36)

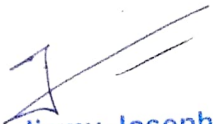


DEPARTMENT OF MATHEMATICS

CARMEL COLLEGE MALA

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DEPARTMENT OF MATHEMATICS
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This is to certify that this project entitled “**GRAPH THEORY**” submitted by **ROSE UT** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, consisting of a stylized 'J' and 'S' followed by a horizontal line.

Dr. Jismy Joseph
Project Guide
Department of Mathematics

A handwritten signature in blue ink, identical to the one on the left, consisting of a stylized 'J' and 'S' followed by a horizontal line.

Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINAR

ELLIPTIC CURVE

Dissertation submitted to

University of Calicut

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BACHELOR OF DEGREE

in

MATHEMATICS

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ROSNA DAVIS


(REG NO. CRASSMT019)




DEPARTMENT OF MATHEMATICS

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**DEPARTMENT OF MATHEMATICS
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THRISSUR, 680741**



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This is to certify that this project entitled "ELLIPTIC CURVE" submitted by ROSNA DAVIS in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

Dr. Jismy Joseph
Project Guide
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Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINER

FAREY SEQUENCE AND ITS APPLICATION

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

SIVANYA C M

(REG NO: CRASSMT020)



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CARMEL COLLEGE MALA

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This is to certify that this project entitled “**FAREY SEQUENCE AND ITS APPLICATION**” submitted by **SIVANYA C M** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.


Ms. Rachel Paul
Project Guide
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INTERNAL EXAMINER


Dr. Jismy Joseph
Head of the Department
Department of Mathematics

EXTERNAL EXAMINER

FUZZY MATHEMATICS

Dissertation submitted to

University of Calicut

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in

MATHEMATICS

by

SNEHA C S


(REG NO: CRASSMT037)




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CERTIFICATE

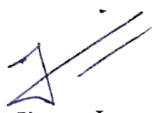
This is to certify that this project entitled “FUZZY MATHEMATICS ” submitted by SNEHA C S in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.


Ms. Rachel Paul

Project Guide

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Head of the Department

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EXTERNAL EXAMINER

EULERIAN GRAPH

Dissertation submitted to

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MATHEMATICS

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SNEHA SHAJI (REG NO.CRASSMT021)



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This is to certify that this project entitled “**EULERIAN GRAPH**“ submitted by **SNEHA SHAJI** in partial fulfillment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College, Mala during 2018-2021. This project report has not been submitted for any other degree elsewhere.

A handwritten signature in blue ink, appearing to read 'Riya Jose', is written over a horizontal line.

Ms. Riya Jose
Project Guide
Department of Mathematics

A handwritten signature in blue ink, appearing to read 'Jismy Joseph', is written over a horizontal line.

Dr. Jismy Joseph
Head of the Department
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INTERNAL EXAMINER

EXTERNAL EXAMINER

FAREY SEQUENCE AND ITS APPLICATION

Dissertation submitted to

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in partial fulfilment of the requirements for the award of

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in

MATHEMATICS

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SONA JOHNSON

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INTERNAL EXAMINER

EXTERNAL EXAMINER

BOOLEAN LATTICE

Dissertation submitted to

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in partial fulfilment of the requirements for the award of

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in

MATHEMATICS

by

SUMAYYA NASEER

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Ms. Riya Jose

Project Guide

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INTERNAL EXAMINER

EXTERNAL EXAMINER

LINEAR CODES

Dissertation submitted to

University of Calicut

in partial fulfilment of the requirements for the award of

BACHELOR OF DEGREE

in

MATHEMATICS

by

VIBIYA WILSON

(REG NO.CRASSMT039)




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Dr. Jismy Joseph
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INTERNAL EXAMINER

EXTERNAL EXAMINER