

THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University Re-accredited by NAAC With B+ Grade

Fourth Cycle NAAC Accreditation 2024



Criterion 1 Curricular Aspects

1.3 - Academic Flexibility

Metric No. 1.3.2

Percentage of students undertaking project work/field work/ internships

Projects - Maths

Submitted to



National Assessment and Accreditation Council



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Declaration of Principal

This is to certify that following 24 students from The Department of Mathematics have completed Project work during the academic year 2023-2024

Sl. No.	Title of Programme	No. of Students
1	BSc Maths	15
2	MSc Maths	9





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List of students who undertook project works from Department of Mathematics during the year 2023-24

\mathbf{SL}	PROGRAMME NAME	NAME OF STUDENT	PROJECT WORK/
NO			FIELD/INTERNSHIP
1	BSc Mathematics (SF)	Nancy Thomas	PROJECT WORK
2	BSc Mathematics (SF)	Ms. Nancy thomas	PROJECT WORK
3	BSc Mathematics (SF)	Nancy Thomas	PROJECT WORK
4	BSc Mathematics (SF)	Ambily s	PROJECT WORK
5	BSc Mathematics (SF)	Ambily	PROJECT WORK
6	BSc Mathematics (SF)	Ms.Aiswarya K R	PROJECT WORK
7	BSc Mathematics (SF)	Aiswarya KR	PROJECT WORK
8	BSc Mathematics (SF)	Ms.Aiswarya K R	PROJECT WORK
9	BSc Mathematics (SF)	Ms Nehala p.s	PROJECT WORK
10	BSc Mathematics (SF)	Ms Nehala PS	PROJECT WORK
11	BSc Mathematics (SF)	Ms.nehala PS	PROJECT WORK
12	BSc Mathematics (SF)	Ms.Nehala p.s	PROJECT WORK
13	BSc Mathematics (SF)	Ms. Nancy Thomas	PROJECT WORK
14	BSc Mathematics (SF)	Ambily S	PROJECT WORK
15	BSc Mathematics (SF)	Aiswarya K R	PROJECT WORK
16	MSc Mathematics	Ambily.s	PROJECT WORK
17	MSc Mathematics	Ms.Aiswarya K R	PROJECT WORK
18	MSc Mathematics	Ms Aiswarya K R	PROJECT WORK
19	MSc Mathematics	Ms AMBILY S	PROJECT WORK
20	MSc Mathematics	Ms. NANCY THOMOS	PROJECT WORK
21	MSc Mathematics	Ms Aiswarya K R	PROJECT WORK
22	MSc Mathematics	Ms. SULTHANA BALQEES	PROJECT WORK
23	MSc Mathematics	Ms.Aazia Mohsin	PROJECT WORK
24	MSc Mathematics	Ancy Antony	PROJECT WORK







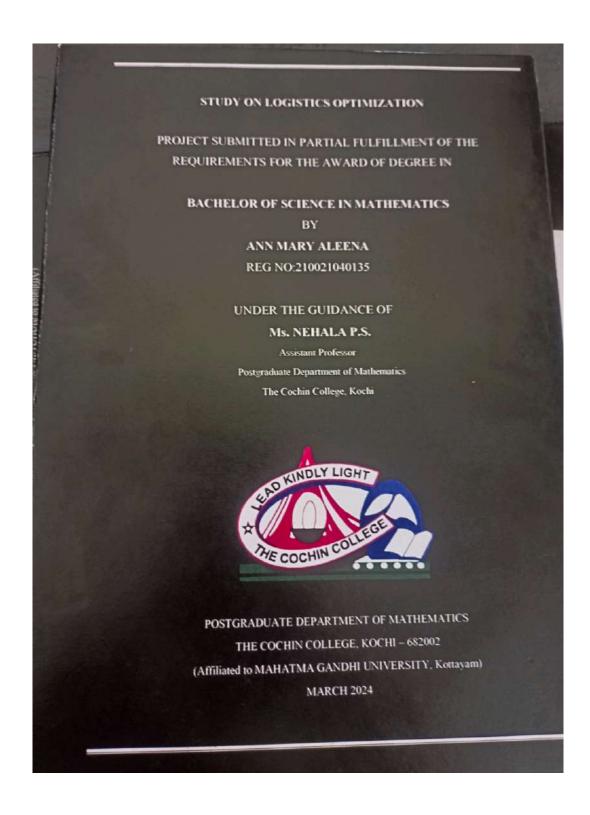
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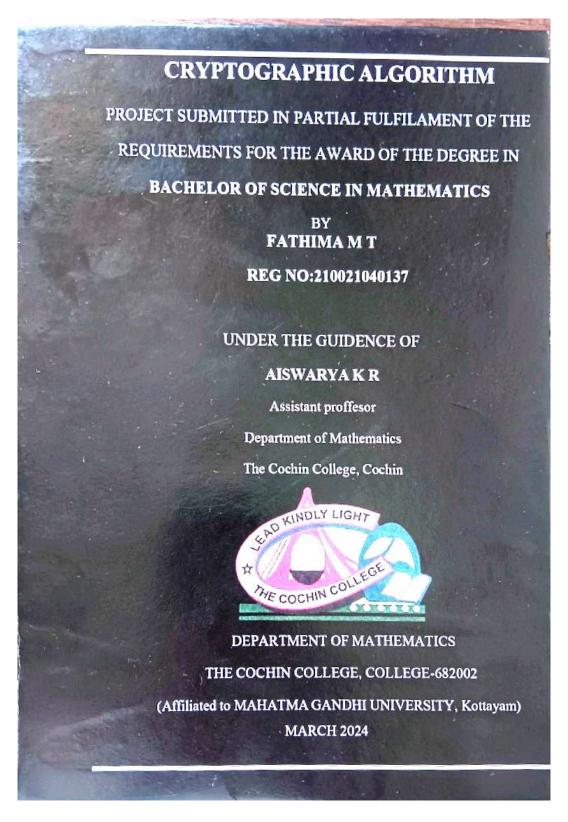
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CRYPTOGRAPHIC ALGORITHM

PROJECT SUBMITTED IN PARTIAL FULFILAMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS

BY

FATHIMA M T REG NO:210021040137

UNDER THE GUIDENCE OF

AISWARYA K R

Assistant proffesor

Department of Mathematics

The Cochin College, Cochin



DEPARTMENT OF MATHEMATICS

THE COCHIN COLLEGE, COLLEGE-682002

(Affiliated to MAHATMA GANDHI UNIVERSITY, Kottayam)

MARCH 2024





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POSTGRADUATE DEPARTMENT OF MATHEMATICS THE COCHIN COLLEGE, COCHIN -02

dissertation entitled CRYPTOGRAPHIC ALGORITHM is the bonafide record of the dissertation done by FATHIMA M T, 21001040137 under my guidance and supervision, in partial fulfilment of the requirements for the completion of sixth semester Degree of Bachelor of Science in Mathematics at the postgraduate department of Mathematics, The Cochin College, Cochin -02, affiliated to Mahatma Gandhi University, Kottayam, TIN COLLEG

Head of the Department Department of Mathematics

Assistant Professor

Supervisor

Department of Mathematics

The Cochin college, Cochin - 02

The Cochin college, Cochin - 02

PG Department of Mathematics The Cochin College

Kochi-2.

Name and Signature of External Examiners

1.







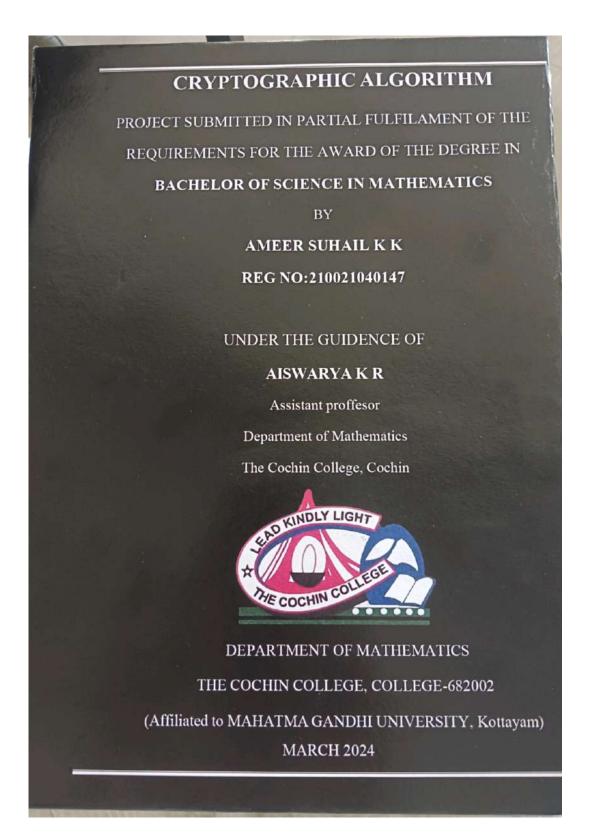
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BY

AMEER SUHAIL K K REG NO:210021040147

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MARCH 2024





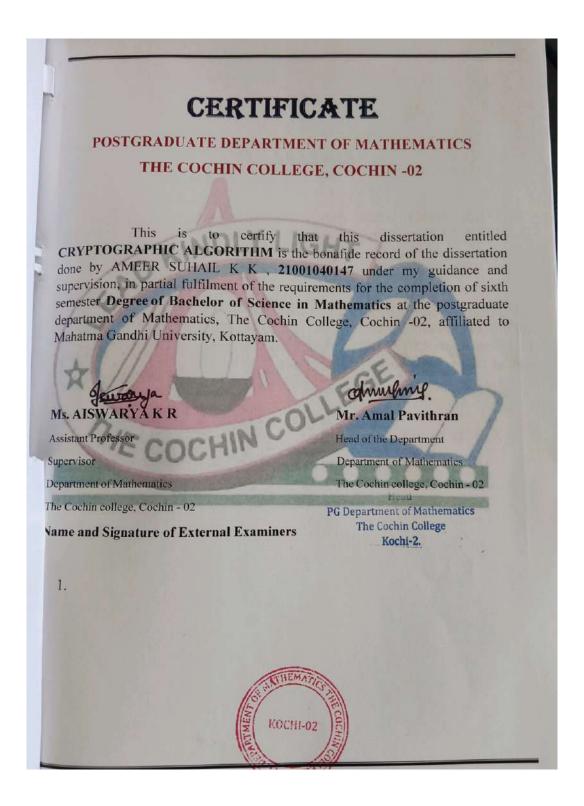
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A STUDY ON APPLICATION OF DIFFERENTIAL EQUATIONS IN BUSINESS & ECONOMICS

PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS

BY

ANASWARA ANILKUMAR REG NO: 210021040148

UNDER THE GUIDANCE OF NANCY THOMAS

Assistant Professor

Department of Mathematics The Cochin College, Kochi - 02



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March 2024





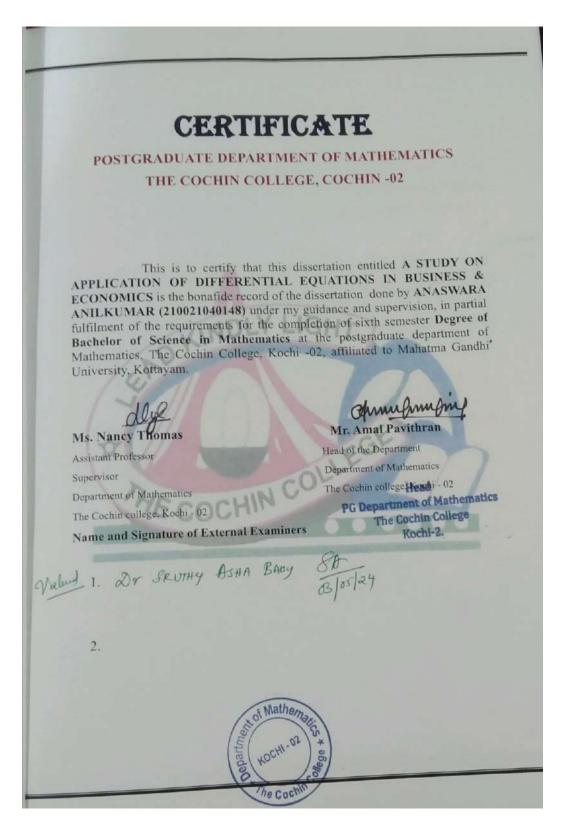
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DECLARATION

I do hereby declare that this dissertation work entitled "A STUDY ON APPLICATION OF DIFFERENTIAL EQUATIONS IN BUSINESS & ECONOMICS" has been prepared by me under the guidance of NANCY THOMAS Assistant Professor, Department of Mathematics The Cochin College, Kochi.

I also hereby declare that this project work submitted to the MAHATMA GANDHI UNIVERSITY, KOTTAYAM in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS is a record of original work and this has not previously formed the basis for award of any degree or diploma title or recognition earlier.

ANASWARA ANILKUMAR





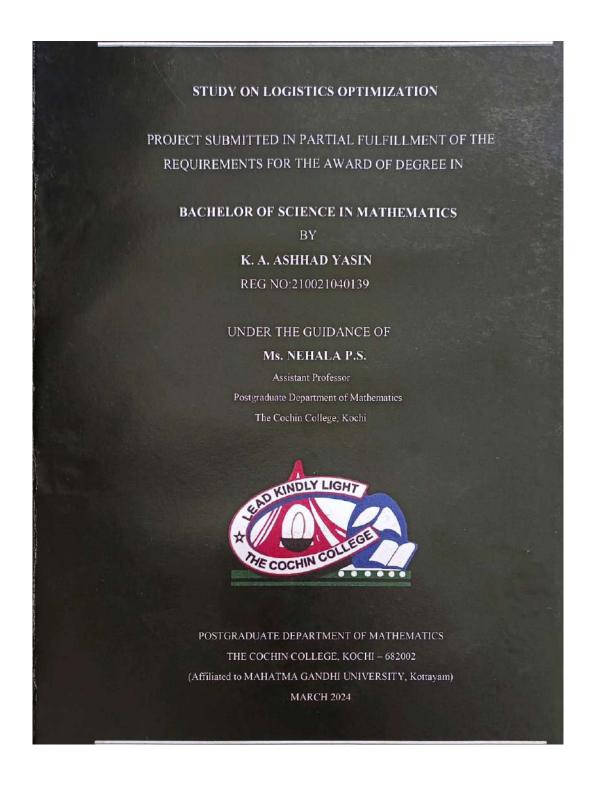
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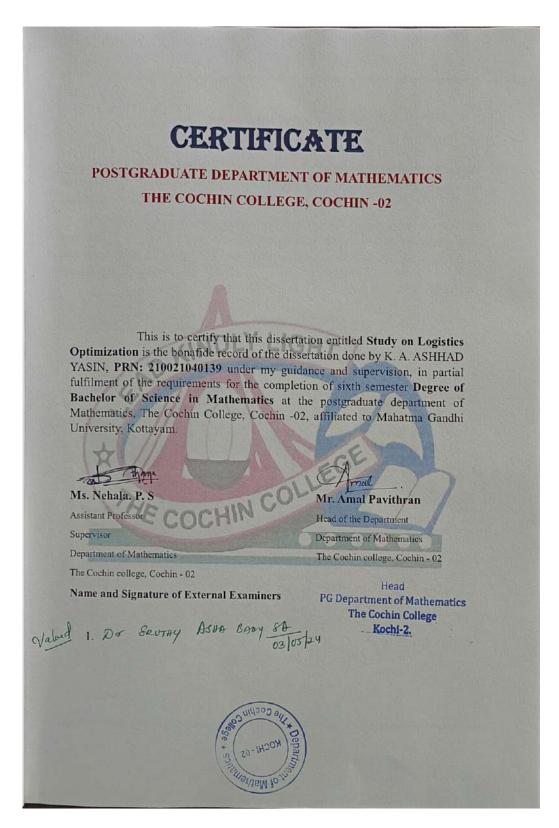
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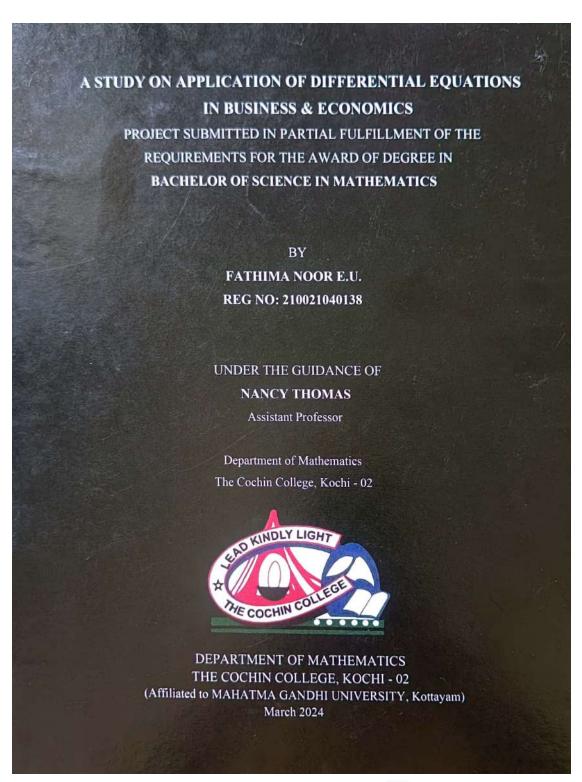
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A STUDY ON APPLICATION OF DIFFERENTIAL EQUATIONS IN BUSINESS & ECONOMICS

PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS

BY

FATHIMA NOOR E.U. REG NO: 210021040138

UNDER THE GUIDANCE OF NANCY THOMAS

Assistant Professor

Department of Mathematics The Cochin College, Kochi - 02



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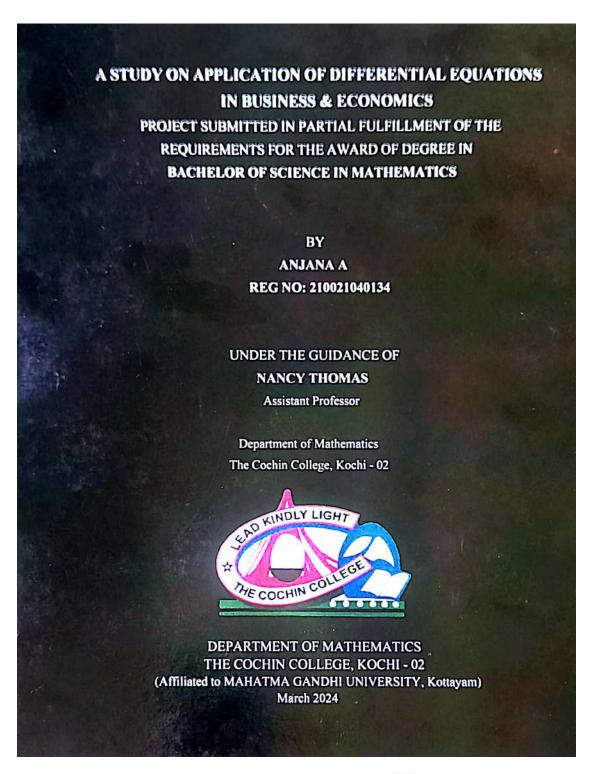
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A STUDY ON APPLICATION OF DIFFERENTIAL EQUATIONS

IN BUSINESS & ECONOMICS

PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS

BY

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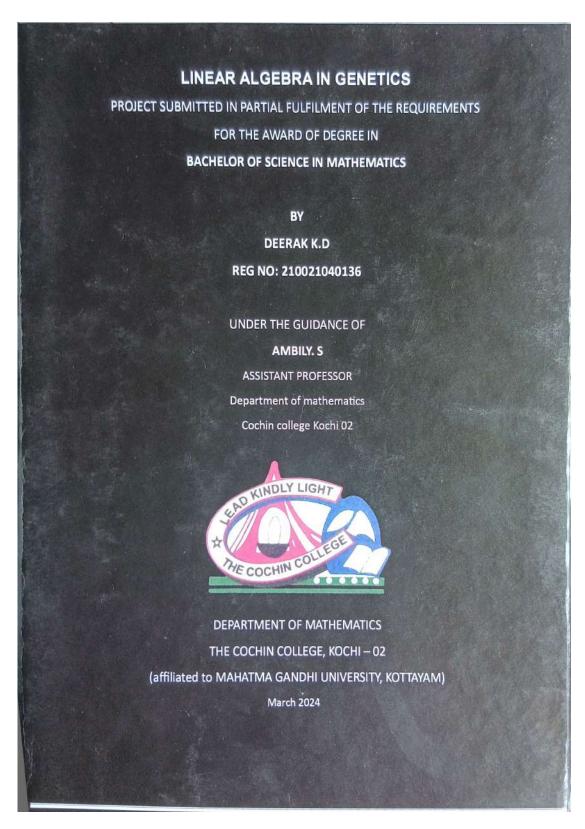
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PROJECT SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS
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March 2024





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Name and Signature of External Examiners

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The Cochin College, Cochin - 02

Head

PG Department of Mathematics

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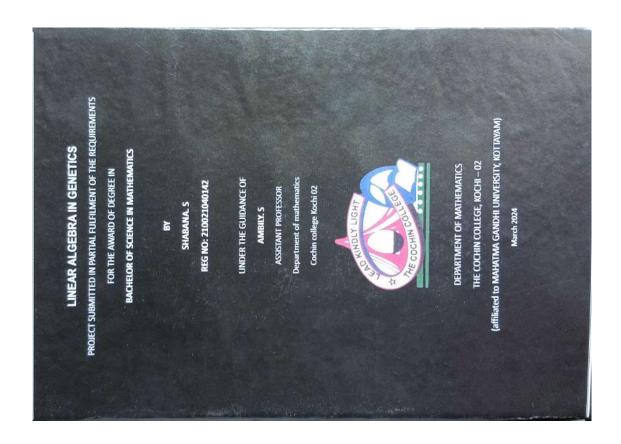
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LINEAR ALGEBRA IN GENETICS

PROJECT SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS

FOR THE AWARD OF DEGREE IN

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BY

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ASSISTANT PROFESSOR

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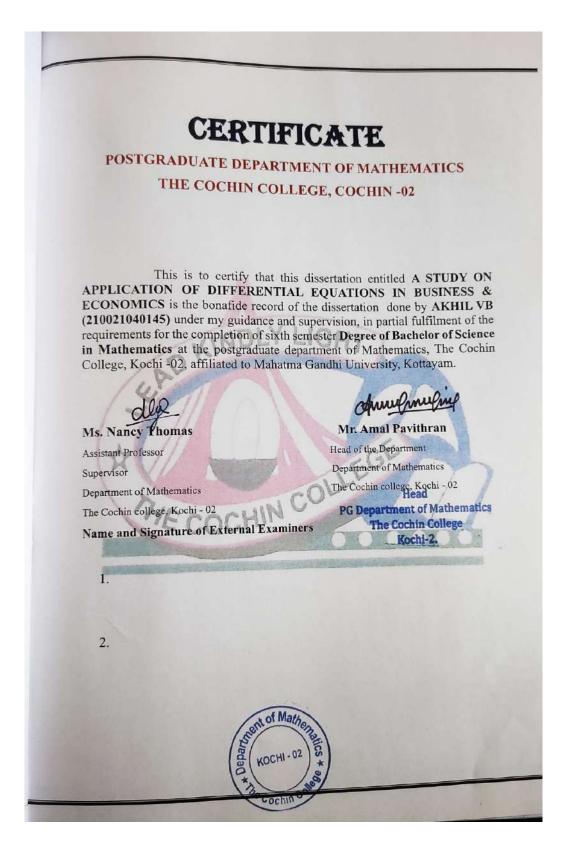
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PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS

BY AKHIL V.B. REG NO: 210021040145

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THE COCHIN COLLEGE, KOCHI - 02
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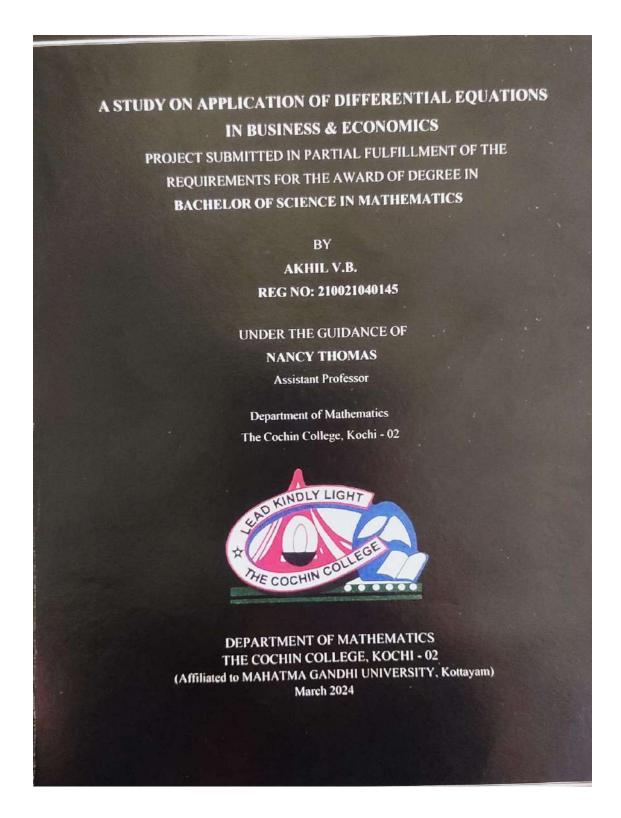
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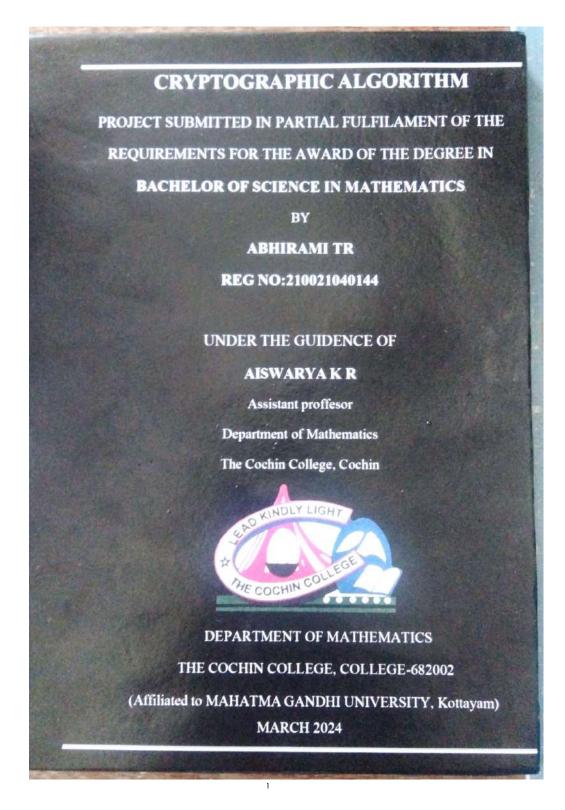
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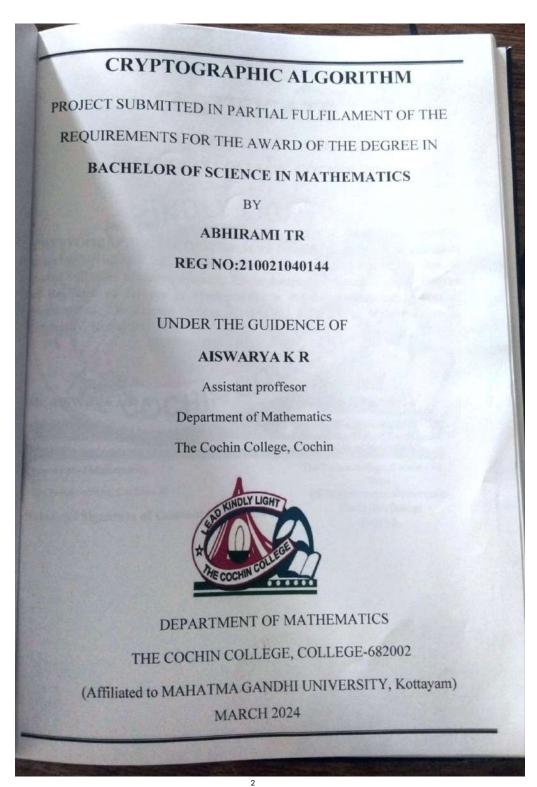
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Mrudula Menon V.
Principal-in-Charge

The Cochin College



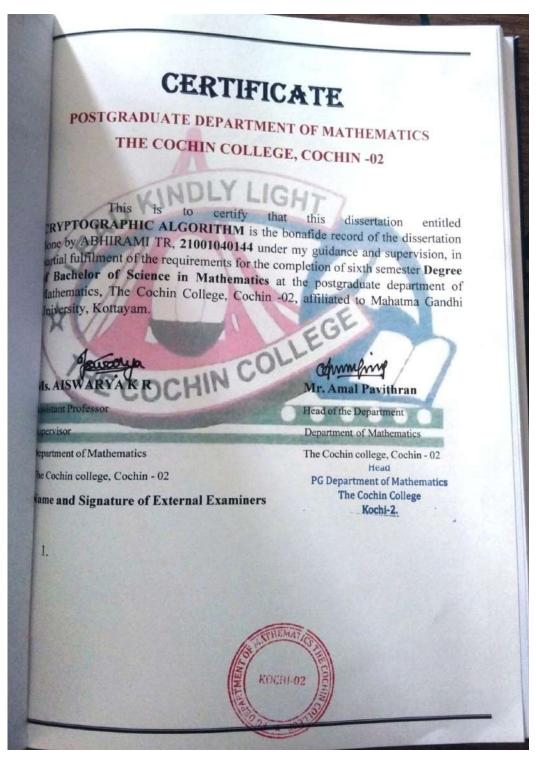
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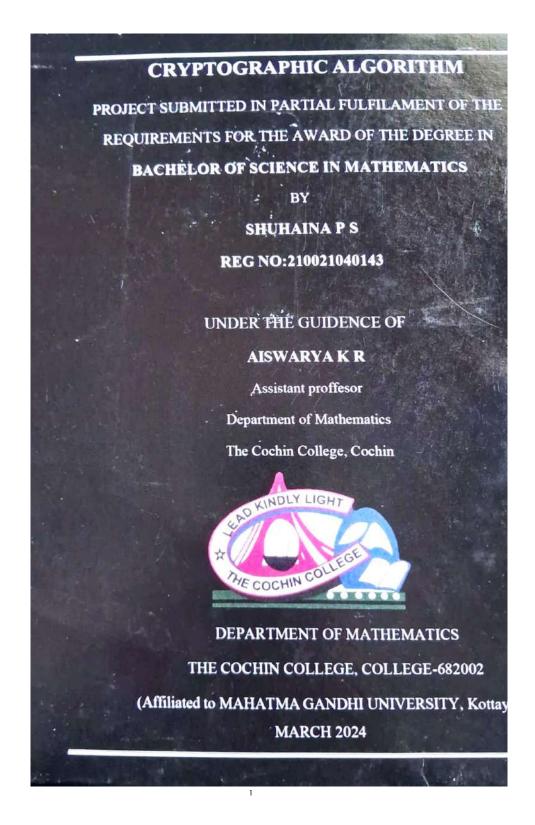
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CRYPTOGRAPHIC ALGORITHM

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BY

SHUHAINA PS

REG NO:210021040143

UNDER THE GUIDENCE OF

AISWARYA K R

Assistant proffesor

Department of Mathematics

The Cochin College, Cochin



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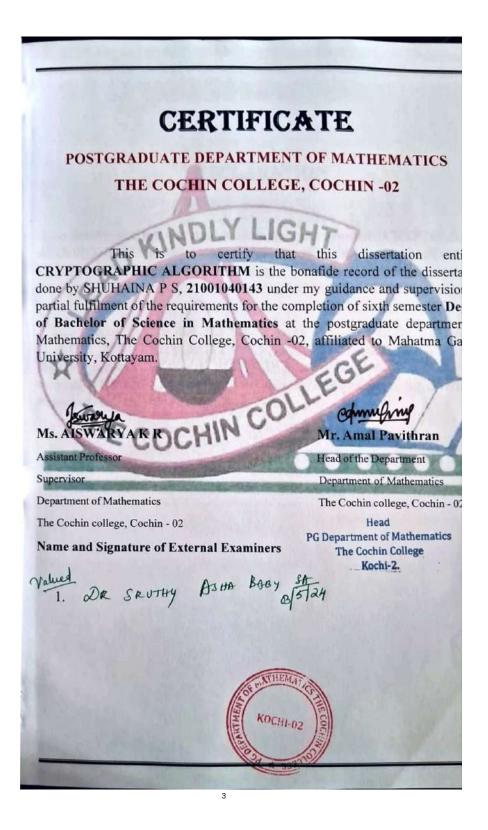
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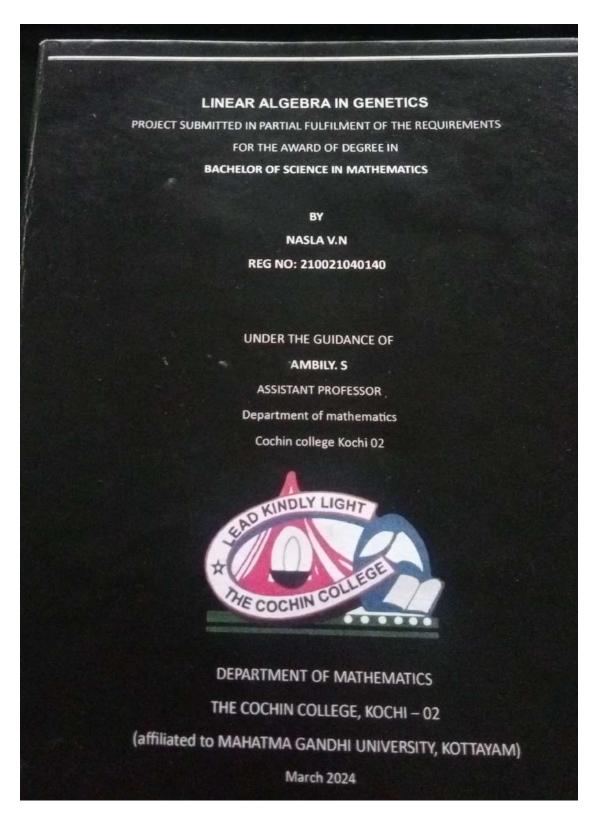
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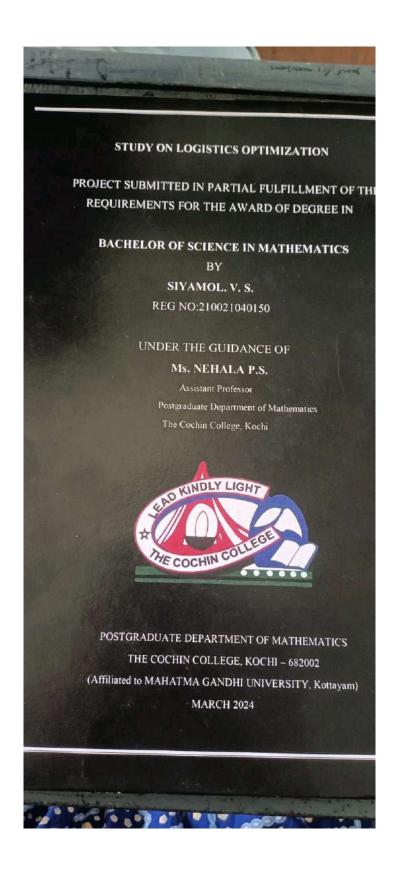
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