



SREE NARAYANA COLLEGE KANNUR

ACCREDITED BY NAAC WITH 'A' GRADE (AFFILIATED TO KANNUR UNIVERSITY)

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PROJECT WORK DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE

KANNUR- 670007



Department of Mathematics

Project Record on

**“Time Series Econometrics-Forecasting some basic
concepts”**

To be submitted to the Kannur University in the partial fulfillment of UG
Programme in Mathematics under the faculty of Science

By

ABHINAV P, ANUGRAH M, ADITH TK

Reg.No: SN21CMSR01, SN21CMSR05, SN21CMSR27

SREE NARAYANA COLLEGE KANNUR 670007

APRIL 2024

DEPARTMENT OF MATHEMATICS
SREE NARAYANA COLLEGE KANNUR

(Affiliated to Kannur University)

CERTIFICATE

This is to certify that the project record submitted by **ABHINAV P, ANUGRAH M, ADITH TK** Reg. No: SN21CMSR01, SN21CMSR05, SN21CMSR27 on **"Time Series Econometrics-Forecasting some basic concepts** is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.



JENCY JOHN
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Head of Department


Greshma T
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SREE NARAYANA COLLEGE

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Department of Mathematics

Project Record on

“ INTRODUCTION TO GRAPH THEORY ”

To be submitted to the Kannur University in the partial fulfillment of UG
Programme in Mathematics under the faculty of Science

By

AKASH PK, ASWATHI K, NANDANA VINOD

Reg.No:SN21CMSR02, SN21CMSR16, SN21CMSR19

SREE NARAYANA COLLEGE KANNUR 670007

APRIL 2024

DEPARTMENT OF MATHEMATICS
SREE NARAYANA COLLEGE KANNUR
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CERTIFICATE

This is to certify that the project record submitted by

AKASH PK, ASWATHI K, NANDANA VINOD Reg. No: SN21CMSR02, SN21CMSR16, SN21CMSR19 on "Introduction to graph theory" is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.


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SREE NARAYANA COLLEGE

KANNUR – 670001



Department of Mathematics

Project Record on

“Quantum Calculus”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

Akhil Prakash K, Arunima C, Mubasheer K C

Reg. no. SN21CMSR03, SN21CMSR15, SN21CMSR34

Sree Narayana College Kannur – 670001

MARCH 2024


Department of Mathematics

Sree Narayana College Kannur

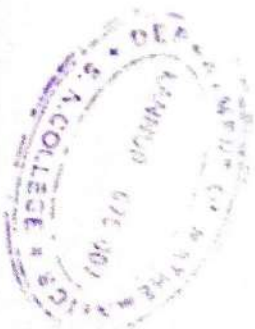
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This is to certify that the project record submitted by **AKHIL PRAKASH K, ARUNIMA C, MUBASHEER K C** Register No. **SN21CMSR03, SN21CMSR15, SN21CMSR34** on "**QUANTUM CALCULUS**" is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.


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SREE NARAYANA COLLEGE

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Department of Mathematics

Project Record on

“BINARY TREE”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

AMARNATH M, JYOTHISH P, SATHYAJITH PM

Reg. no. SN21CMSR04 , SN21CMSR06, SN21CMSR10

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SREE NARAYANA COLLEGE

KANNUR- 670007



Department of Mathematics

Project Record on

“ CRYPTOGRAPHY ”

To be submitted to the Kannur University in the partial fulfillment of UG
Programme in Mathematics under the faculty of Science

By

ABHISHEK BABU, MOORKOTH DHEENRAJ, ASHIN KRISHNA

Reg.No:SN21CMSR25, SN21CMSR07, SN21CMSR30

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DEPARTMENT OF MATHEMATICS
SREE NARAYANA COLLEGE KANNUR

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This is to certify that the project record submitted by **ABHISHEK BABU, MOORKOTH DHEENRAJ,ASHIN KRISHNA Reg.No:SN21CMSR25, SN21CMSR07, SN21CMSR30** on "**Cryptography**" is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.


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SREE NARAYANA COLLEGE

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Department of Mathematics

Project Record on

“QUEUEING THEORY”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

Adwaidh Babu, Navjyoth Anil, Karthik Anil

Reg. no. SN21CMSR28, SN21CMSR08, SN21CMSR32

Sree Narayana College Kannur – 670007

FEBRUARY 2024

Department of Mathematics

Sree Narayana College Kannur

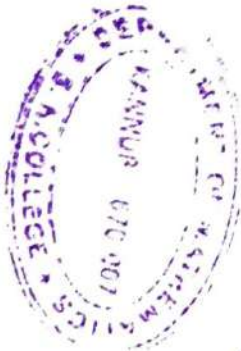
(Affiliated to Kannur University)

CERTIFICATE

This is to certify that the project record submitted by **ADWAIDH BABU, NAVJYOTH ANIL, KARTHIK ANIL** Register No. **SN21CMSR28, SN21CMSR08, SN21CMSR32** on "**QUEUEING THEORY**" is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.


JENCY JOHN
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SREE NARAYANA COLLEGE
KANNUR – 670001



Department of Mathematics
Project Record on
“BOOLEAN ALGEBRA”

*To be submitted to the Kannur University in the partial fulfilment
of Ug programme in Mathematics under the faculty of science*

By

Aswin C, Abhinand T V, Rahul Raj K K

Reg. no. SN21CMSR31, SN21CMSR24, SN21CMSR09

Sree Narayana College Kannur – 670001

FEBRUARY 2024

Department of Mathematics

Sree Narayana College Kannur

(Affiliated to Kannur University)

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This is to certify that the project record submitted by **ASWIN C, ABHINAND T V, RAHUL RAJ K K** Register No. **SN21CMSR31, SN21CMSR24, SN21CMSR09** on "**BOOLEAN ALGEBRA**" is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.

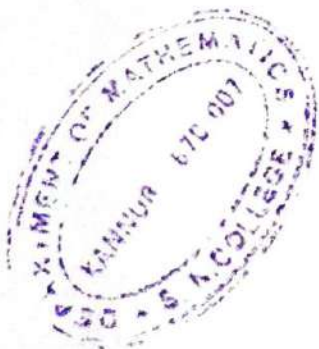

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SREE NARAYANA COLLEGE

KANNUR – 670001



Department of Mathematics

Project Record on

“FIBONACCI NUMBES AND GOLDEN RATIO”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

Nandana P, Megna K, Sayandh TM

Reg. no. SN21CMSR18, SN21CMSR44, SN21CMSR11

Sree Narayana College Kannur – 670001

APRIL 2024

Department of Mathematics

Sree Narayana College Kannur

(Affiliated to Kannur Univerity)

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This is to certify that the project record submitted by **NANDANA P,MEGNA K, SAYANDH TM** Register No. **SN21CMSR18, SN21CMSR44, SN21CMSR11** on "**FIBONACCI NUMBES AND GOLDEN RATIO**" is a bonafide record of thier work executed and this work has not previously formed for the award of any degree or fellowship.

Head of the Department



Project Guide

A handwritten signature in blue ink.



External examiner

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**SREE NARAYANA COLLEGE
KANNUR – 670001**



Department of Mathematics

Project Record on

**“INTRODUCTION TO FUZZY SETS AND
FUZZY LOGIC”**

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

SAMVEDYA P

ANILA M

ANAGHA P V

Reg No.SN21CMSR50

Reg No.SN21CMSR14

Reg No.SN21CMSR12

Sree Narayana College Kannur – 670001

MARCH 2024

Department of Mathematics

Sree Narayana College Kannur

(Affiliated to Kannur University)

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This is to certify that the project record submitted by SAMVEDYA P, ANILA M ,ANAGHA P V, Register No. SN21CMSR50,14,12 on “**INTRODUCTION TO FUZZY SETS**” is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.

Head of the Department


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SREE NARAYANA COLLEGE

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Department of Mathematics

Project Record on

“GRAPH AND MATRICES”

To be submitted to the Kannur University in the partial
fulfillment of Ug programme in Mathematics under the faculty
of science

By

Nandana Hareendran,,Hiba Sadath,Dhaya Mahesh

Reg. no. SN21CMSR17,SN21CMSR41,SN21CMSR40

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This is to certify that the project record submitted by **NANDANA HAREENDRAN, HIBA SADATH, DHAYA MAHESH** Register No. **SN21CMSR17, SN21CMSR41, SN21CMSR40** on **“GRAPH AND MATRICES”** is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.

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SREE NARAYANA COLLEGE

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Department of Mathematics

Project Record on

“PLANAR GRAPHS”

To be submitted to the Kannur University in the partial fulfillment
of Ug programme in Mathematics under the faculty of science

By

Thrishna V ,Athira Satheesh , Kishen Mahesh

Reg. no. SN21CMSR21 ,SN21CMSR39 ,SN21CMSR33


Sree Narayana College Kannur – 670001

APRIL 2024

Department of Mathematics
Sree Narayana College Kannur
(Affiliated to Kannur University)

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This is to certify that the project record submitted by **THRISHNA V**,
Reg No. SN21CMSR21, **ATHIRA SATHEESH**, **Reg No.**
SN21CMSR39, **KISHEN MAHESH**, **Reg No. SN21CMSR33** on
"PLANAR GRAPHS" is a bonafide record of this work executed and this
work has not previously formed for the award of any degree or fellowship.



Head of the Department
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SREE NARAYANA COLLEGE

KANNUR – 670001



Department of Mathematics

Project Record on

“VEDIC MATHEMATICS”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

Soorya Shankar, Sivakami MC, Vijay Venugopal

Reg. no. SN21CMSR36, SN21CMSR20, SN21CMSR37

Sree Narayana College Kannur – 670001

APRIL 2024

Department of Mathematics

Sree Narayana College Kannur

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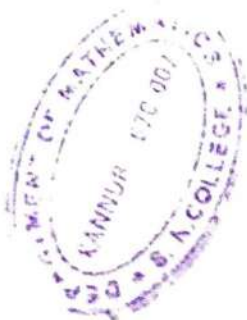
This is to certify that the project record submitted by **SOORYA SHANKAR, SIVAKAMI MC, VIJAY VENUGOPAL**, Register No. **SN21CMSR36,SN21CMSR20,SN21CMSR37**, on **“VEDIC MATHEMATICS”** is a bonafide record of his work executed and this work has not previously formed for the award of any degree or fellowship.

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Department of Mathematics

Project Record on

“GRAPH COLORING”

To be submitted to the Kannur University in the partial
fulfillment of UG programme in Mathematics under the faculty
of Science

By

,Vismaya A V , Yagha M, Midhuna C

Reg. No. SN21CMSR22,SN21CMSR23,SN21CMSR45

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This is to certify that the project record submitted by **VISMAYA AV**, **YAGHA M MIDHUNA C** Register No. **SN21CMSR22,SN21CMSR23,SN21CMSR45** on **“GRAPH COLORING”** is a bonafide record of her work executed and this work has not previously formed for the award of any degree or fellowship.


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SREE NARAYANA COLLEGE
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Department Of Mathematics

Project Record on

"INNER PRODUCT"

To be submitted to the Kannur University in the partial fulfillment of
Ugprogramme in Mathematics under the faculty of science

BY

Adith Sunil, Arjun Keloth, Sidharth Anil

Reg No SN21CMSR26, SN21CMSR29 , SN21CMSR35

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Department Of Mathematics

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This is to certify that the project has been submitted by
ADITH SUNIL, ARJUN KELOTH, SIDHARTH ANIL, Register
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HEAD OF THE DEPARTMENT



PROJECT GUIDE

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Department of Mathematics

Project Record on

“CONTINUED FRACTION”

*To be submitted to the Kannur University in the partial fulfillment of
Ug programme in Mathematics under the faculty of science*

By

ANANNYA A , NANDANA GIREESH , NAYANA GIREESH

Reg. no. SN21CMSR38 , SN21CMSR46 , SN21CMSR47

Sree Narayana College Kannur – 670001

MARCH 2024

Department of Mathematics

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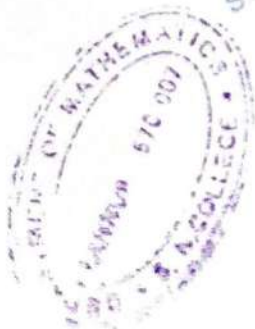
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NANDANA GIREESH , NAYANA GIREESH**, Register No.
SN21CMSR38 , SN21CMSR46 , SN21CMSR47 on "**CONTINUED
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Department of Mathematics

Project Record on

“POLYNOMIAL RINGS”

To be submitted to the Kannur University in the partial
fulfillment of UG programme in Mathematics under the faculty
of Science

By

Nila M B, Shivananda M, Rinni Babu

Reg. No. SN21CMSR48,SN21CMSR49,SN21CMSR51

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Department of Mathematics

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This is to certify that the project record submitted by **NILA M B , SHIVANANDA M , RINI BABU** Register No. **SN21CMSR48,,SN21CMSR49, ,SN21CMSR51** on "**POLYNOMIAL RINGS** " is a bonafide record of her work executed and this work has not previously formed for the award of any degree or fellowship.



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Project Guide

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SREE NARAYANA COLLEGE

KANNUR – 670001



Department of Mathematics

Project Record on

“GREENS FUNCTION”

To be submitted to the Kannur University in the partial
fulfillment of UG programme in Mathematics under the
faculty of science

By

ANANYA P, KEERTHANA T K , K SIVAPRIYARAJ

Reg. no. SN21CMSR13 , SN21CMSR42, SN21CMSR43

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UNITARY SPACES

**A PROJECT REPORT SUBMITTED TO
KANNUR UNIVERSITY**

BY

JISHNURAJ P

(Reg. No: C2PSNM1001)

In partial fulfillment of the award of Master of Science
Degree in Mathematics during 2022- 2024



DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE, KANNUR

(Affiliated to Kannur University)

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This is to certify that this project report was presented by
JISHNURAJ P (Reg.No:C2PSNM1001) on **UNITARY SPACES**
in partial fulfillment for the award of M.Sc. degree in mathematics for the
academic year 2022-2024


HEAD OF THE DEPARTMENT


PROJECT GUIDE



Submitted for the examination held on



Register number

C2PSNM1001

External Examiner

1. Haseena C 
2. Bushra Beevi 

DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE

KANNUR – 670007

(Affiliated to Kannur University)



Project record on

“TOPOLOGICAL VECTOR SPACE”

To be submitted to the Kannur University in the partial fulfilment of
the award of Master of Science Degree in Mathematics during

2022-2024.

By


AGHANYA K


Reg. no: C2PSNM1002

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This is to certify that the project record submitted by AGHANYA K, Register No. C2PSNM1002 on "TOPOLOGICAL VECTOR SPACE" is a bonafide record of her work executed and this work has not previously formed for the award of any degree or fellowship. *



(signature of the HoD)
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(signature of the supervising guide)
Mrs. Greeshma T
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(1) Haseena. C 

(2) Bushra - Beevi. /c.d.c. 

DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE

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Project record on

“GRAPH LABELING”

To be submitted to the Kannur University in the partial fulfilment of
the award of Master of Science Degree in Mathematics during

2022-2024.

By

AMAYA THERUVIL

Reg. no: C2PSNM1003

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CERTIFICATE

This is to certify that the project record submitted by **AMAYA THERUVIL**, Register No. **C2PSNM1003** on "**GRAPH LABELING**" is a bonafide record of her work executed and this work has not previously formed for the award of any degree or fellowship.



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Project record on

“FRAMES IN HILBERT SPACES”

To be submitted to the Kannur University in the partial fulfilment
of the award of Master of Science Degree in Mathematics during

2022-2024.

By

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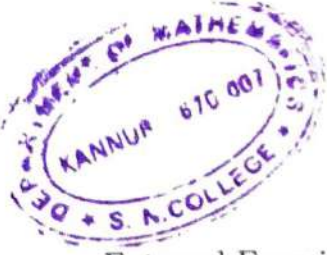
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Project record on

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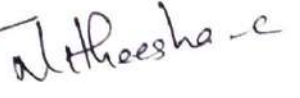
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Project record on

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To be submitted to the Kannur University in the partial
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BILINEAR FORMS

A project report submitted to Kannur University

By

MANJIMA . U


Reg No: C2PSNM1007

In partial fulfillment of the award of Master of Science Degree in


Mathematics during 2022-2024

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Project record on

COMPACTIFICATION

To be submitted to the Kannur University in the partial fulfillment
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Project record on

“FUZZY ALGEBRA”

To be submitted to the Kannur University in the partial fulfilment of
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NETS AND FILTERS

A project report submitted to Kannur University

By

P SHELGA AJAY
Reg No: C2PSNM1010

In partial fulfillment of the award of Master of Science Degree in

Mathematics during 2022-2024

CERTIFICATE

Certified that the work presented in this dissertation is a bonafide work done by P SHELGA AJAY under my guidance in the Department of Mathematics, Sree Narayana college, Kannur and this work has not been included in any other dissertation submitted previously for any degree.

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Submitted for the examination held on 12/06/2024

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External Examiner 1 Haseena. C

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External Examiner 2 Bushra Bealji

DEPARTMENT OF MATHEMATICS

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Project record on

“DIRECTED GRAPHS”

To be submitted to the Kannur University in the partial
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Project record on

“ALGEBRAIC TOPOLOGY”

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Project record on

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To be submitted to the Kannur University in the partial fulfilment of
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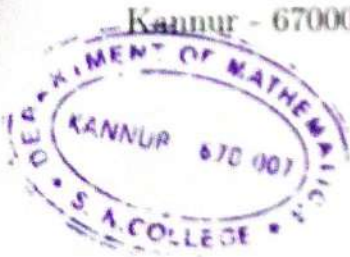
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