

# Application of Contraction Mapping Theorem

Project submitted to the University of Calicut

for the partial fulfillment of

award of the Degree of Master of Science in

Mathematics

by

Anagha.P.K      CHAVMMS001



under the supervision of

Dr.Vishnu Namboothiri K

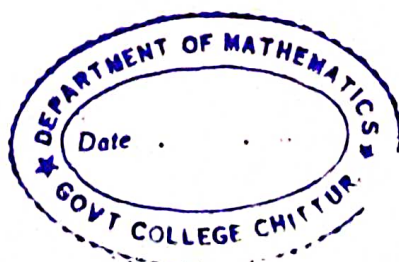
Professor

Department of Mathematics

Government College Chittur

Palakkad - 678104

2021 - 2023



# Locally Identifying Coloring of Graphs

Project Report

Submitted to the University of Calicut

in partial Fulfillment of the Requirements for the

Award of Degree Masters of Science

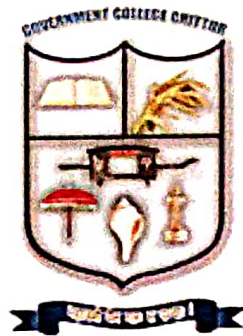
in

**MATHEMATICS**

Submitted by :

**APARNA C**

**(CHAVMMS002)**



Under the supervision of

**Dr.Reji.T**

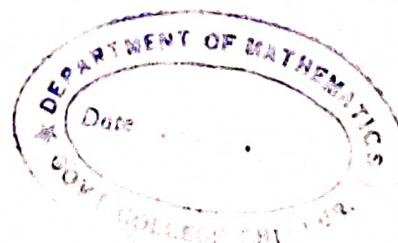
**DEPT. OF MATHEMATICS**

**GOVT COLLEGE CHITTUR**

**PALAKKAD-678104**

**2021-2023**

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# Category Theory

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Mathematics

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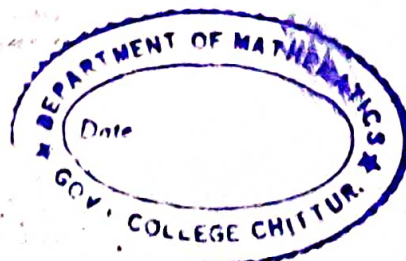
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# A Study on Ramsey Theory on Integers

Project submitted to the University of Calicut  
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by

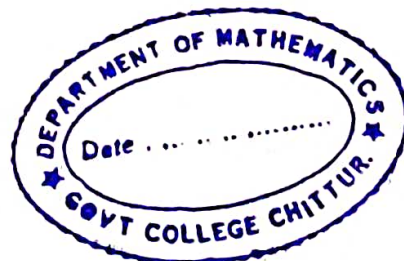
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# COMPOSITION OPERATORS

Project submitted to the University of Calicut  
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Mathematics

by

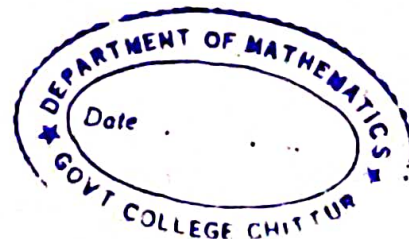
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2021 - 2023



# CAYLEY GRAPHS

Project submitted to the University of Calicut  
for the partial fulfillment of  
award of the Degree of Master of Science in  
Mathematics

by

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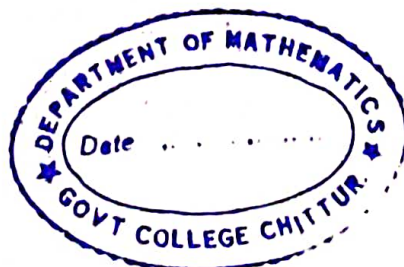
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# Modules

Project submitted to the University of Calicut  
for the partial fulfillment of  
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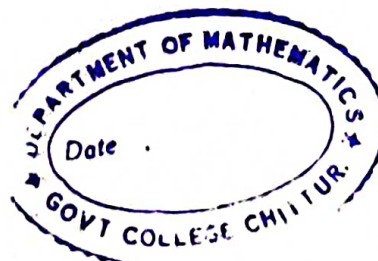
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# Coalition of Graphs

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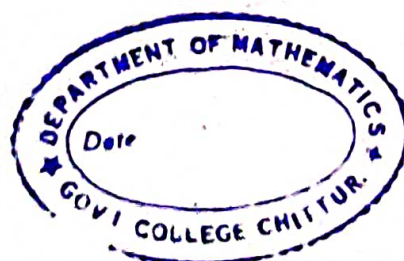
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Megha P      CHAVMMS008



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# Some Applications of Linear Programming

Project submitted to the University of Calicut  
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award of the Degree of Master of Science in  
Mathematics

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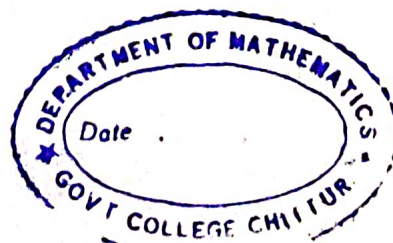
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# Domination In Graphs

Project submitted to the University of Calicut  
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Mathematics

by

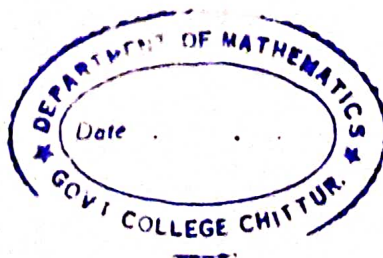
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2021 - 2023

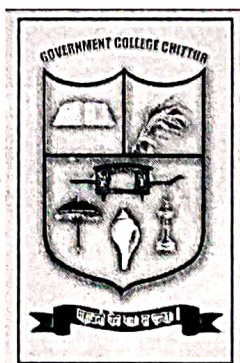


# INTRODUCTION TO COMMUTATIVE ALGEBRA

Project submitted to the University of Calicut  
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Mathematics

by

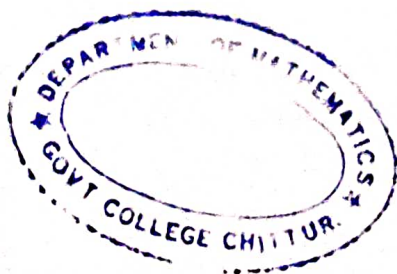
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2021 - 2023



An Analysis of Leptospirosis Disease Transmission  
Using Ordinary Differential Equations

Project submitted to the University of Calicut  
for the partial fulfillment of  
award of the Degree of Master of Science in  
Mathematics

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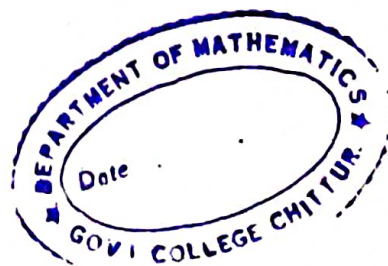
Assistant Professor

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2021 - 2023

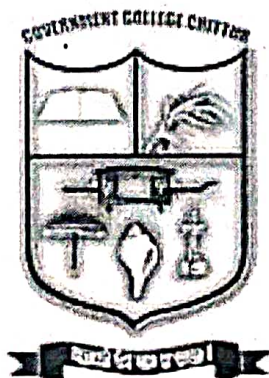


# Fuzzy Relations

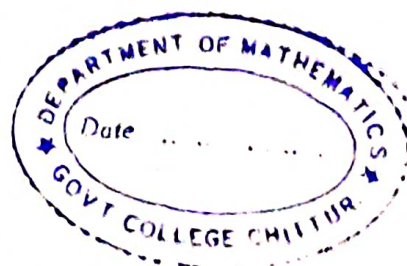
Project report  
Submitted to the University of Calicut  
for the partial fulfillment of the requirements for the  
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IN  
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Submitted by :  
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2021-2023



# Radio Number Of Fourth Power Paths

Project report

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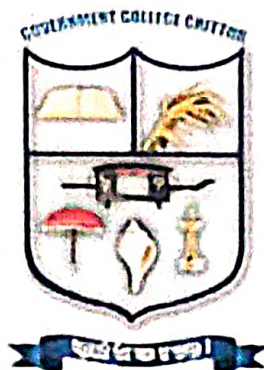
in partial fulfillment of the requirements for the

award of Degree Masters of Science

IN  
MATHEMATICS

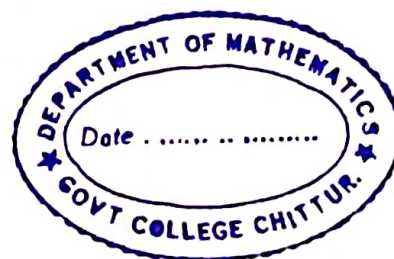
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DEPT. OF MATHEMATICS

GOVT COLLEGE CHITTUR

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# Neighbour Locating Coloring of Graphs

Project report

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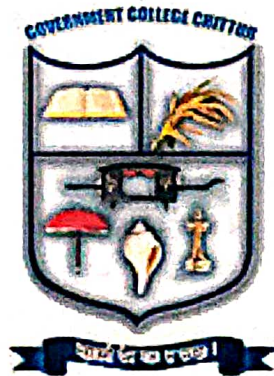
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Submitted by :

**LIGESH M P**

**(CHAVMMS015)**



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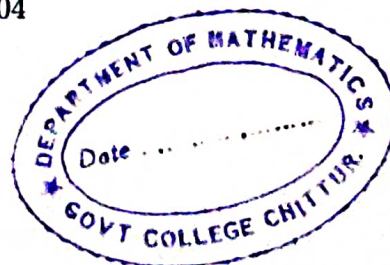
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**GOVT COLLEGE CHITTUR**

**PALAKKAD-678104**

**2021-2023**



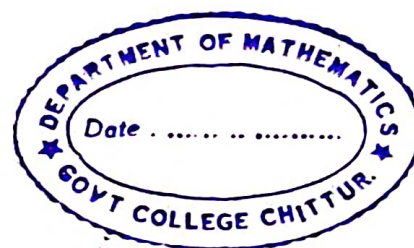
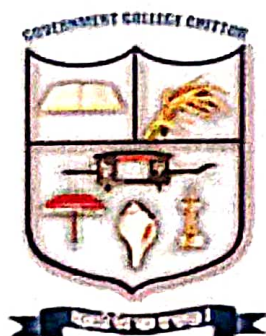
# **Social Choice Theory and Voting**

Project report

Submitted to the University of Calicut  
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IN  
**MATHEMATICS**

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**2021-2023**