

GEOGRAPHY:



75
Azadi Ka
Amrit Mahotsav



KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD

DEPARTMENT OF GEOGRAPHY
B.Sc. VI SEMESTER GEOGRAPHY
Survey / Project / Report, August, 2022

**SPATIAL EFFICIENCY IN LOCATION OF ROUTES
AND MOVEMENT IN DHARWAD TALUK : A
QUANTITATIVE APPROACH**

BY

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SEMESTER EXAMINATION IN GEOGRAPHY

AUGUST, 2022



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DEPARTMENT OF GEOGRAPHY
B.Sc. VI SEMESTER GEOGRAPHY
Survey / Project / Report, August, 2022

**SPATIAL STRUCTURE OF ROAD NETWORK AND
LEVELS OF SETTLEMENTS OF DHARWAD TALUK
: A QUANTITATIVE APPROACH**

BY

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DEPARTMENT OF COMPUTER SCIENCE
2021-2022



PROJECT REPORT ON
URBAN SERVICES

UNDER THE GUIDANCE OF
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SUBMITTED BY

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PROJECT REPORT ON
CONSTRUCTION MATERIAL PORTAL

UNDER THE GUIDANCE OF
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DEPARTMENT OF COMPUTER SCIENCE

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PROJECT REPORT ON

AGRO CULTURE MANAGEMENT

UNDER THE GUIDANCE

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PROJECT REPORT ON

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PROJECT REPORT ON

ONLINE ORGAN DONATION

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DEPARTMENT OF COMPUTER SCIENCE
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PROJECT REPORT ON

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PROJECT REPORT ON

MAKE YOUR CAREER WITH US

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DEPARTMENT OF COMPUTER SCIENCE

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PROJECT REPORT ON
VEHICLE SERVICE WELFARE

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PROJECT REPORT ON

VOICE CONTROLLED ROBOT VEHICLE

UNDER THE GUIDANCE

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PROJECT REPORT ON

“ANIMAL WELFARE & WELLNESS”

UNDER THE GUIDANCE OF

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PROJECT REPORT ON

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PROJECT REPORT ON
“VEHICLE BREAKDOWN ASSISTANCE”

UNDER THE GUIDANCE OF
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PROJECT REPORT ON

CONSTRUCTION SITES

UNDER THE GUIDANCE

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PROJECT REPORT ON

FIND ME A ROOF

UNDER THE GUIDANCE

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DEPARTMENT OF COMPUTER SCIENCE**

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PROJECT REPORT ON

ONLINE PG MANAGEMENT SYSTEM FOR DURGA PG

UNDER THE GUIDANCE OF

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PROJECT REPORT ON

LAW DIARY

UNDER THE GUIDANCE OF

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PROJECT REPORT ON
“NIKHIL CORPORATION STOCK MANAGEMENT SYSTEM”

UNDER THE GUIDANCE OF
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PROJECT REPORT ON

AMIT CLOTH STORE MANAGEMENT SYSTEM

UNDER THE GUIDANCE OF

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PROJECT REPORT
ON
**ONLINE UNUSED MEDICINE DONATION FOR
NGO's**

UNDER THE GUIDANCE OF

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**PROJECT REPORT ON
ONLINE HOUSEHOLD SERVICES**

**UNDER THE GUIDANCE OF
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PROJECT REPORT ON

DRIVER DROWSINESS DETECTION

UNDER THE GUIDANCE OF

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DHARWAD**



**DEPARTMENT OF COMPUTER SCIENCE
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PROJECT REPORT ON

“ORDER PROCESS AND SERVICES”

UNDER THE GUIDANCE OF

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PROJECT REPORT
ON

ORGAN GRAFT APPLICATION

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DEPARTMENT OF COMPUTER SCIENCE (BCA)

2021-2022



PROJECT REPORT
ON
**ALUMNI PORTAL FOR COMPUTER
SCIENCE DEPARTMENT**

UNDER THE GUIDANCE OF
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DEPARTMENT OF COMPUTER SCIENCE(BCA)

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PROJECT REPORT
ON
FARMERS MANAGEMENT SYSTEM

UNDER THE GUIDANCE OF

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PROJECT REPORT ON
ONLINE VOTING SYSTEM

UNDER THE GUIDANCE OF

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2021-2022



**PROJECT REPORT ON
DRIVING SCHOOL MANAGEMENT SYSTEM**

**UNDER THE GUIDANCE OF
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DEPARTMENT OF COMPUTER SCIENCE

2021-2022



PROJECT REPORT ON

REAL ESTATE MANAGEMENT SYSTEM

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PROJECT REPORT ON
“ORGANIC FARMING”

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PROJECT REPORT ON
E-VACCINATION MANAGEMENT SYSTEM

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2021-2022**



**PROJECT REPORT ON
FARMERS DIGITAL MARKET**

**UNDER THE GUIDANCE OF
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DEPARTMENT OF COMPUTER SCIENCE

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PROJECT REPORT ON

“DOCTOR PATIENT PORTAL”

UNDER THE GUIDANCE OF

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PROJECT REPORT ON

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PROJECT REPORT ON
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UNDER THE GUIDANCE OF
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PROJECT REPORT ON

TRAVELLING AGENCY

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2) SAGAR CHAVAN

19U10047(BCA VI)



ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ
KARNATAK UNIVERSITY DHARWAD

KARNATAK SCIENCE COLLEGE DHARWAD
DEPARTMENT OF COMPUTER SCIENCE

2021-2022



PROJECT REPORT ON
“SECURITY SERVICE AGENCY”

UNDER THE GUIDANCE OF
SMT. LALITA R. NAIK

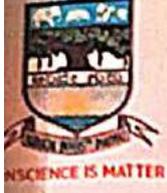
SUBMITTED BY

1. GURUDATT GOUDAR

2. PAVANKUMAR TIPPAKKANAVAR

(19U10015)

(19U10030)



ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ
KARNATAK UNIVERSITY DHARWAD

KARNATAK SCIENCE COLLEGE DHARWAD

DEPARTMENT OF COMPUTER SCIENCE



2022-23

PROJECT REPORT ON

ONLINE BANKING SYSTEM

UNDER THE GUIDANCE OF

SHRI. RAJSHEKHAR V.B

HEAD OF THE DEPARTMENT

SMT. LALITHA R. NAIK

SUBMITTED BY

Pallavi Betageri

Reg.No:19U10027

Usha .B. Renake

Reg.No:19U10061

CLASS: BCA VI SEMESTER



ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ
KARNATAK UNIVERSITY DHARWAD

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF COMPUTER SCIENCE
(BCA/BSC.(cs))

2021-2022



PROJECT REPORT ON

“Vehicle Insurance Management System”

UNDER THE GUIDANCE OF

Shri. Rajshekhar. Barker

SUBMITTED BY

Vidyashree Yalamali
19U10064
BCA 6thSem

Pooja Dodamani
19U10032
BCA 6thSem



ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ
KARNATAK UNIVERSITY DHARWAD

**KARNATAKA SCIENCE COLLEGE
DHARWAD
DEPARTMENT OF COMPUTER SCIENCE
2021-2022**



**PROJECT REPORT ON
INVENTORY MANAGEMENT SYSTEM**

**UNDER THE GUIDANCE OF
SMT. AMBIKA R**

SUBMITTED BY

NITEESHKUMAR SURESH NAIK

19U10025

(BCA VI SEM)

PAVANKUMAR M UNKAL

19U10029

(BCA VI SEM)

Botany:

KARNATAK SCIENCE COLLEGE, DHARWAD

Department of Botany.
"MINI PROJECT"

NAME: Darshan. Shapeti

CLASS: B.Sc III sem

Rg.No: U02AB2150231

TOPIC: Pollen Germination.

∴ KARNATAKA SCIENCE COLLEGE ∴

DHARWAD

• 2022 - 2023 •

: DEPARTMENT OF BOTANY :

• BSc III SEM FRIDAY BATCH •

MINI PROJECT ON POLLEN GERMINATION OF DIFFERENT FLOWERS

S.No	Name of the Students	UICMS ID	Title of Mini Project
1	Kaveri S. Nekar	U02AB2190978	Pollen Germination of Different Pollens.
2	Rupha S. Hanagar	U02AB2190139	
3	Sahana Patel	U02AB2190336	
4	Jayashree Tabwad	U02AB2190319	
5	Megha B. Nyamagouda	U02AB2190807	
6	Sneha pyale	U02AB2190144	
4	Savitri S. Jatte	U02AB2190343	
8	Vaishnavi S. S.	U02AB2190163	
9	Sahana Kodhale	U02AB2190034	
10	Ashwarya D. B.	U02AB2190001	

KARNATAK SCIENCE COLLEGE



DHARWAD

Certificate

Dept. of BOTANY

College Roll No. 24

Ex - Seat No. U02AB2150575

This is to certify that Mr. / Miss Mohammed Asrar Mukhtar
of B.Sc. I / II / III / IV / V / VI Semester has worked under my guidance for
his / her Home Assignment / tour Report worked on Placentation

Date : 03-02-2023


Signature of the Teacher


Head of the Department

KARNATAK SCIENCE COLLEGE



DHARWAD

Certificate

Dept. of Botany

College Roll No. 50

Ex - Seat No. 2021B2150423

This is to certify that Mr. / Miss Vismaya N
of B.Sc. I / II / III / IV / V / VI Semester has worked under my guidance for
his / her Home Assignment / tour Report worked on study of
placentation and types

Date : 27 - 1 - 2023

Signature of the Teacher

Head of the Department

Zoology Project Work

On Study on the Potential of Using
Honeybee Products.

Name :- Afrah M. Hebbal

Class :- B.Sc V Sem

Register No :- 20510009

Submitted To - R.D. Bankal Mam

Karnataka Science College

Dharwad.

PROJECT WORK

ZOOLOGY

IMPACT OF PESTICIDE AND POLLUTANTS ON

HONEY BEE

KSCD DHARWAD.

Submitted by:

Akshay K. Hegde

Reg. no.: 20S10021

Roll no: 264

Combination: C, Z, Bt

Kannatak Science
College Dharwad.

Submitted to:

Dr. R.D. Samakal
madam

Assistant Professor

Department of
Zoology.



KARNATAK
SCIENCE
COLLEGE
DHARWAD

Department of Zoology.

Name: Vijayalaxmi. B. Goudar

Register No: 20510388

Roll No: 195

Semester: BSc-V sem

Subject: Project on poultry breeds

Submitted to: S.S. Mangalawede Sir

KARNATAKA SCIENCE COLLEGE
DHARWAD

Zoology Project [Vermiculture]

Submitted To:

S.S. Mangalawade Sir.
Assistant professor.
Department of Zoology.
K.Sc.C. Dharwad.

Submitted By:

Rakshita.B.C.
20510236
Roll. No - 183.
CBZ.





KARNATAK UNIVERSITY'S



**KARNATAK SCIENCE COLLEGE,
DHARWAD**



DEPARTMENT OF ZOOLOGY



Valued

CERTIFICATE

College Roll No.: 310

Date: _____

Examination Seat No.: 20510098

This is to certify that Kum/Shri Govindraddi Ashok
Jakaradde

the student of **B.Sc. V** semester has satisfactorily completed the
Project Work on Dairy Management & its Byproducts in
Zoology under my supervision in the Karnatak Science College,
Dharwad during 2022-2023 in the Class B.Sc. V sem.

Srinivas
24/11/23
Staff member in Charge

AD 11/2/23
BB 11/2/23

Head of the Department
AD
Head of the Department
of Zoology,
Karnatak Science College
Dharwad



Karnatak Science College Dharwad

ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ ಧಾರವಾಡ



DEPARTMENT OF ZOOLOGY.

NAME: VINAYAK S IRADDI

ROLL NO: 335

COMBINATION: (AZFSc)

SUBJECT: ZOOLOGY

TOPIC: DIFFERENT VARIETIES OF FISH IN
LOCAL FISH MARKET (Hubli)

SUBMITTED TO: C.B SUNKAD MAM

KARNATAKA SCIENCE
COLLEGE DHARWAD.

DEPARTMENT OF ZOOLOGY.

ASSIGNMENT TOPIC: Apiculture
Opportunities and challenges in India

Reg. No. 20812711

Roll No. 202

SUBMITTED TO:

Dr. H.D. Neelgud Sir,
Asst Professor
Dept of Zoology
K. Sc. C. Dharwad.

SUBMITTED BY:

Munniya Chibargutti
B. Sc V Sem (CBZ)
K. Sc. C. Dharwad.

DATE: 20-01-2023

Valued
6
12



*Zinc Oxide Nanoparticle /Poly(Vinyl alcohol)
Nanocomposites for food packaging application*



**KARNATAKA UNIVERSITY 'S
KARNATAKA SCIENCE
COLLEGE, DHARWAD**



A DESERTATION SUBMITTED TO
KARNATAKA UNIVERSITY DHARWAD,
FOR THE AWARD OF THE DEGREE OF

**Master of Science
In
General Chemistry**

Submitted By

Ms. Chaitravathi Birabbi	Reg.No:20S60004
Ms. Jayashree Nadagoudra	Reg.No:20S60008
Ms. Rajeshwari Aski	Reg.No:20S60021
Mr. Vasant Shirur	Reg.No:20S60034

Project supervisor
Dr. SABIA KOUSER

MSc.,Ph.D

PG Department of Chemistry
Karnataka Science College Dharwad-580 003

2021-22

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
P. G. DEPARTMENT OF CHEMISTRY



**"SYNTHESIS AND CHARACTERISATION
OF COUMARIN PIPERAZINE COUNJUGARTES"**

A DISSERTATION SUBMITTED
TO
THE KARNATAK UNIVERSITY, DHARWAD
FOR THE PARTIAL FULFILLMENT OF THE DEGREE OF

**Master of Science
in
General Chemistry**

Submitted By

Mr. ACHYUTKUMAR Y PATTAR **Reg. No. 20S60001**
Mr. PRADYUMNA S PUJAR **Reg. No 20S60018**

Project Supervisor
Dr. K. S. KATAGI
ASSISTANT PROFESSOR
DEPARTMENT OF CHEMISTRY
KARNATAK SCIENCE COLLEGE, DHARWAD
KARNATAKA, INDIA - 580 001

SEPTEMBER-2022

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
P. G. DEPARTMENT OF CHEMISTRY



**"EXTRACTION AND IDENTIFICATION OF BIOACTIVE
COMPONENTS PRESENT IN CALOTROPIS PROCERA
BY HIGH RESOLUTION NMR TECHNIQUE"**

A DISSERTATION SUBMITTED TO
KARNATAK UNIVERSITY, DHARWAD
IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF

**Master of Science
in
General Chemistry**

Submitted By

Ms. AISHWARYA KACHAVI	Reg.No. 20S60002
Ms. NEELA GEDAGERI	Reg.No. 20S60015
Ms. NIVEDITA MAGADUM	Reg.No. 20S60016
Mr. SHAHEED MORAB	Reg.No. 20S60024

Project Supervisor

Dr. JAYALAKSHMI. K.

Assistant Professor

DEPARTMENT OF CHEMISTRY

KARNATAK SCIENCE COLLEGE, DHARWAD-580 001

SEPTEMBER-2022

SYNTHESIS OF BENZOFURAN-HYDRAZONE DERIVATIVES



P.G. DEPARTMENT OF CHEMISTRY



A DISSERTATION SUBMITTED TO
KARNATAK UNIVERSITY DHARWAD,
FOR THE AWARD OF THE DEGREE OF

Master of Science in General Chemistry

Submitted by

Miss. Kaveri Birabbi	(Reg. No. 20S60009)
Miss. Priyanka Betageri	(Reg. No. 20S60019)
Miss. Sunitha Bavikatti	(Reg. No. 20S60029)
Miss. Vidya Mathapati	(Reg. No. 20S60036)

Project Supervisor

Dr. O. Kotresh_{M.Sc., Ph.D.}

ASSOCIATE PROFESSOR OF CHEMISTRY
DEPARTMENT OF CHEMISTRY
KARNATAK SCIENCE COLLEGE, DHARWAD-580 001

September, 2022

**"EFFECT OF CLAMMY CHERRY LEAVES EXTRACT AS
AN ENVIRONMENTALLY SUSTAINABLE INHIBITOR FOR
IS 2062 MS CORROSION IN 1M HCl MEDIUM"**



KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE
DHARWAD



P.G. DEPARTMENT OF CHEMISTRY
A DISSERTATION SUBMITTED TO
KARNATAK UNIVERSITY, DHARWAD IN PARTIAL FULFILLMENT OF

**Master of Science
in
General Chemistry**

Submitted By

Ms. Harshitha N. P.	Reg. No. 20S60007
Mr. Sachin D. P.	Reg. No. 20S60022
Mr. Shivanand M. K.	Reg. No. 20S60025
Ms. Swati C. A.	Reg. No. 20S60030

Project Supervisor

Dr. S.K. RAJAPPA M.Sc., Ph.D.

Assistant Professor

DEPARTMENT OF CHEMISTRY

KARNATAK SCIENCE COLLEGE, DHARWAD-580 001

2022

A PROJECT REPORT ON
DOMINATIONS IN GRAPH THEORY



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Mr. SUNATH H. BAGADI (REG. NO: 20S14055)

Ms. SWATI MALLUR (REG. NO: 20S14057)

Mr. VINAYAK GANGAPPALAVAR (REG. NO: 20S14063)

**Under the Guidance of
Dr. (Smt.) PUSHPA M. NALWAD**

M. Sc., Ph. D.

Teaching Assistant

**P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003**

2021-2022

A PROJECT REPORT ON
GOLDEN RATIO AND IT'S
APPLICATIONS



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P.G DEPARTMENT OF MATHEMATICS
KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Miss. Vaishnavi

(REG.NO: 20S14058)

Miss. Veena Vastrad

(REG.NO: 20S14060)

Miss. Vidyashree.S.Bhusanuramatha

(REG.NO: 20S14061)

Under the Guidance of

Dr. (Smt.) PUSHPA. M. NALWAD

Teaching Assistant

**P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003**

2021-22

A PROJECT REPORT ON
FLUID DYNAMICS AND IT'S
APPLICATIONS



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Ms. SAKKARI SWATHI
(REG.NO: 20S14047)
Mr. SACHIN. B. GIREGOUDAR
(REG.NO: 20S14046)

Under the Guidance of
Dr. (Smt.) NAFISABANU KUMBARWADI
Teaching Assistant
P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
DOMINATIONS IN GRAPH THEORY



*Re -accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Mr. SUNATH H. BAGADI (REG. NO: 20S14055)

Ms. SWATI MALLUR (REG. NO: 20S14057)

Mr. VINAYAK GANGAPPALAVAR (REG. NO: 20S14063)

**Under the Guidance of
Dr. (Smt.) PUSHPA M. NALWAD**

M. Sc., Ph. D.

Teaching Assistant
P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
SOFT SETS AND IT'S
PROPERTIES



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

DISSERTATION SUBMITTED TO THE
P.G DEPARTMENT OF MATHEMATICS
KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF

Master of Science

IN

MATHEMATICS

Submitted By

Miss. Srushti Biradar

(REG.NO: 20814053)

Miss. Srushti Kurilkeri

(REG.NO: 20814054)

Miss. Yashodha Dharwad

(REG.NO: 20814064)

Under the Guidance of

Dr. (Smt.) PUSHPA. M. NALWAD

Teaching Assistant

P. G. Department of Mathematics

Karnatak Science College, Dharwad-580 003

2021-22

A PROJECT REPORT ON
**LINEAR ALGEBRA AND IT'S
APPLICATIONS**



*Re -accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Ms. VATSALA N T
(REG.NO: 20S14059)
Ms. VIJAYALAKSHMI SHIVAPPA AMARAGATTI
(REG.NO: 20S14062)

Under the Guidance of
Dr. (Smt.) PUSHPA M. NALWAD
Teaching Assistant

P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
THE FRACTAL GEOMETRY
AND IT'S APPLICATIONS



Re-accredited by NAAC 'A' Grade
University with Potential for Excellence

DISSERTATION SUBMITTED TO THE
P.G DEPARTMENT OF MATHEMATICS

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF

MASTER OF SCIENCE
IN
MATHEMATICS

Submitted By

Miss. Bhavana V. G. (REG. NO:20S14031)
Miss. Bhuvaneshwari P. B. (REG. NO:20S14032)
Miss. Chaitanya Y. Shekhargol (REG. NO:20S14033)

Under the Guidance of

Dr. RAJU B. JUMMANAVER

M. Sc., Ph. D.

Teaching Assistant

P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 001

2021-2022

**A PROJECT REPORT ON
GRAPH THEORY AND ITS APPLICATIONS**



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

**Master of Science
IN
MATHEMATICS**

Submitted By

Miss. JYOTI S. G (REG NO: 20S14038)
Miss. LAXMI MUTTAKKANAVAR (REG NO: 20S14039)
Mr. MAHANTESH RUDRAPPA CHANDARAGI (REG NO: 20S14040)

**Under the Guidance of
Dr. Raju B. Jummannaver**

M. Sc., Ph. D.

Teaching Assistant

**P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003**

2021-2022

A PROJECT REPORT ON
SOME RESULTS ON TOPOLOGICAL
INDICES OF GRAPHS



*Re -accredited by NAAC 'A' Grade
University with Potential for Excellence*

DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF

Master of Science
IN
MATHEMATICS

Submitted By

MS. AKSHATA B. ARAKERI (REG. NO: 20S14029)
MS. AKSHATA B. BHAJANTRI (REG. NO: 20S14030)
MS. GEETA J. LAGAMANNAR (REG. NO: 20S14037)

Under the Guidance of
Dr. Raju B. Jummanner

M. Sc., Ph. D.

Teaching Assistant
P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
NUMBER THEORY AND IT'S
APPLICATIONS



Re-accredited by NAAC 'A' Grade
University with Potential for Excellence

DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS

KARNATAK UNIVERSITY'S
KARNATAKA SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF

Master of Science
IN
MATHEMATICS

Submitted By

Ms. SANGEETA K. CHANNAGOUDRA (REG.NO: 20S14049)

Ms. RACHANA R. KADBUR (REG.NO: 20S14045)

Ms. MRINALINI C. MALLIGAWAD (REG.NO: 20S14043)

Under the Guidance of

Dr. (Smt.) NAFISABANU KUMBARWADI

Teaching Assistant (TA)

P. G. Department of Mathematics

Karnataka Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
FLUID DYNAMICS AND IT'S
APPLICATIONS



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Ms. SAKKARI SWATHI
(REG.NO: 20S14047)

Mr. SACHIN. B. GIREGOUDAR
(REG.NO: 20S14046)

Under the Guidance of
Dr. (Smt.) NAFISABANU KUMBARWADI
Teaching Assistant

P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

A PROJECT REPORT ON
COMBINATORICS AND ITS APPLICATIONS



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

**Mr. SHIVAPRASAD T
(REG.NO: 20S14052)**

**Mr. MAHANTH RUDRAPPA AVALAGERI
(REG.NO: 20S14041)**

**Ms. SHALINI HIREMATH
(REG.NO: 20S14051)**

**Under the Guidance of
Dr. (Smt.) NAFISABANU KUMBARWADI
Teaching Assistant**

**P. G. Department of Mathematics
Karnataka Science College, Dharwad-580 003**

2021-2022

A PROJECT REPORT ON
TOPOLOGY AND ITS APPLICATIONS



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Ms. MEGHANA V. ROKHADE
(REG.NO: 20S14042)

Ms. POORNIMA P. KAVERI
(REG.NO: 20S14044)

Ms. SAROJANI A. PUJERI
(REG.NO: 20S14050)

Under the Guidance of
Dr. (Smt.) NAFISABANU KUMBARWADI
Teaching Assistant (TA)

P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2020-2021

A PROJECT REPORT ON
**CRYPTOGRAPHY AND IT'S
APPLICATIONS**



*Re-accredited by NAAC 'A' Grade
University with Potential for Excellence*

**DISSERTATION SUBMITTED TO THE
P. G. DEPARTMENT OF MATHEMATICS**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

Master of Science
IN
MATHEMATICS

Submitted By

Ms. CHETANA S. BELUR (REG. NO: 20S14034)

Mr. DARSHAN KUMAR C.V. (REG. NO: 20S14035)

Ms. DIVYA TUKARAM GOUDA (REG. NO: 20S14036)

**Under the Guidance of
Dr. RAJU B. JUMMANNAVER**

M. Sc., Ph. D.

Teaching Assistant
P. G. Department of Mathematics
Karnatak Science College, Dharwad-580 003

2021-2022

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD



A Project Report On

**STUDY OF EFFECTIVE-Z OF SOME
FERRITES**

**DISSERTATION SUBMITTED TO THE
DEPARTMENT OF PHYSICS
KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

**Master of Science
in
PHYSICS**

Submitted By

Ms. HAZRATBI MULLA	(Reg. No:20S16009)
Ms. SNEHA CHATUR	(Reg.No:20S16023)
Ms. SNEHA DODDAMANI	(Reg. No:20S16024)
Ms. SNEHA YARASHI	(Reg. No:20S16025)
Ms. SRUSHTI V DONUR	(Reg. No: 20S16029)
Mr. VARAD M PHADKE	(Reg. No: 20S16031)

Under the Guidance of

Dr. GEETA CHAVAN

Assistant Professor

Department of Physics

KARNATAK SCIENCE COLLEGE, DHARWAD – 580 001

2021-22

**“Gamma ray attenuation and X-ray fluorescence study
for Pure Bismuth, PbO and Bi₂O₃ with Epoxy”**



*Re-accredited by NAAC, A Grade
University with Potential for Excellence*

**P. G. DEPARTMENT OF PHYSICS
KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD**

**Master of Science
IN
PHYSICS**

Submitted By

Mr. Harsha N P	(REG NO: 20S16007)
Mr. Abhishek Tolanur	(REG NO: 20S16001)
Ms. Sheetal P Guruvaddeyar	(REG NO:20S16021)
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KARNATAK UNIVERSITY'S
KARNATAKA SCIENCE COLLEGE, DHARWAD



DEPARTMENT OF PHYSICS

Re-accredited by NAAC 'A' Grade
University with Potential for Excellence

CERTIFICATE

This is to certify that the M.Sc. project work dissertation entitled "STUDY OF XRF FOR SOIL SAMPLES AND NICOTINE PRODUCTS" submitted to the P. G. Department Physics, Karnataka Science College, Dharwad by Ms. Lavanya Angadi and Ms. Meghana M kundagol as a partial fulfillment for the award of the degree of Master of Science in Physics, Karnatak university, Dharwad during 2021-2022.

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2. *30/8/22*

A Project Report On

**MASS ATTENUATION COEFFICIENT AND
EFFECTIVE ATOMIC NUMBER OF FEW
PHYTOMEDICINES**



**DISSERTATION SUBMITTED TO THE
DEPARTMENT OF PHYSICS
KARNATAK UNIVERSITY'S
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FOR THE PARTIAL FULFILLMENT OF DEGREE OF**

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A Project Report On
EFFECT OF SULPHUR IN SYNTHESIS OF BINDER FREE Cu_2S THIN FILMS



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THERMOELECTRIC PROPERTIES OF LEAD CHALCOGENIDES



KARNATAK UNIVERSITY'S
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DISSERTATION SUBMITTED TO
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