

| Year of passing final year exam | Name of students | Enrollment number | Semester |
|---------------------------------|--------------------------------|-------------------|----------|
| 2017-18 | Aishwarya Gudodagi | MAT16101 | IV |
| 2017-18 | Akshata S Achalkar | MAT16102 | IV |
| 2017-18 | Anita Nandimath | MAT16103 | IV |
| 2017-18 | Anjana Bidari | MAT16104 | IV |
| 2017-18 | Ashwini Madagunaki | MAT16105 | IV |
| 2017-18 | Ashwini Pujar | MAT16106 | IV |
| 2017-18 | Birajdar Rohini Subhash | MAT16107 | IV |
| 2017-18 | Chaitra Gunaki | MAT16108 | IV |
| 2017-18 | Chudalarani Talawar | MAT16109 | IV |
| 2017-18 | Deepa Nimbale | MAT16110 | IV |
| 2017-18 | Divya Rudragoudar | MAT16111 | IV |
| 2017-18 | Geeta Laxmana Devadiga | MAT16112 | IV |
| 2017-18 | Gouripooja Ganiger | MAT16113 | IV |
| 2017-18 | Gurubai Gujagond | MAT16114 | IV |
| 2017-18 | Habeeba Mainoddin Bagayat | MAT16115 | IV |
| 2017-18 | Jyoti Gabbur | MAT16116 | IV |
| 2017-18 | Koganur Aishwarya Ashok(Geeta) | MAT16117 | IV |
| 2017-18 | Kokila Talawar | MAT16118 | IV |
| 2017-18 | Kulshanbegum Talikoti | MAT16119 | IV |
| 2017-18 | Mohsinaara M Soudagar | MAT16120 | IV |
| 2017-18 | Mubeena Mangoli | MAT16121 | IV |
| 2017-18 | Najin Hasansab Nadaf | MAT16122 | IV |
| 2017-18 | Netravati Islampure | MAT16123 | IV |
| 2017-18 | Pattanashetti Aruna | MAT16124 | IV |
| 2017-18 | Preeti S Rayannanavar | MAT16125 | IV |
| 2017-18 | Priyanka L Dalawai | MAT16126 | IV |
| 2017-18 | Priyanka Madarakal | MAT16127 | IV |
| 2017-18 | Priyanka Patil | MAT16128 | IV |
| 2017-18 | Punam Talakeri | MAT16129 | IV |
| 2017-18 | Rani Manjare | MAT16130 | IV |
| 2017-18 | Renuka Patil | MAT16131 | IV |
| 2017-18 | Rohini Tapdiya | MAT16132 | IV |
| 2017-18 | Roopa | MAT16133 | IV |
| 2017-18 | Roopa Patil | MAT16134 | IV |
| 2017-18 | Roopashree B Kumbar | MAT16135 | IV |
| 2017-18 | Sangeeta Gadgimath | MAT16136 | IV |
| 2017-18 | Saraswati Savadakar | MAT16137 | IV |
| 2017-18 | Shailaja Pammar | MAT16138 | IV |
| 2017-18 | Sharada Bhimappa Billur | MAT16139 | IV |
| 2017-18 | Shivaleela Dengi | MAT16140 | IV |
| 2017-18 | Shweta Gajakosh | MAT16141 | IV |
| 2017-18 | Shweta Shapeti | MAT16142 | IV |

| Year of passing final year exam | Name of students | Enrollment number | Semester |
|---------------------------------|-------------------------|-------------------|----------|
| 2018-19 | Adeeti Adinath Shetti | MAT17101 | IV |
| 2018-19 | Ashwini Kumbar | MAT17102 | IV |
| 2018-19 | Ashwini Vijapur | MAT17103 | IV |
| 2018-19 | Azra Suman Madrasi | MAT17104 | IV |
| 2018-19 | Bibifarhat Naikodi | MAT17105 | IV |
| 2018-19 | Divya | MAT17106 | IV |
| 2018-19 | Gangambika | MAT17107 | IV |
| 2018-19 | Goutami P Achanur | MAT17108 | IV |
| 2018-19 | Jayashree Kittur | MAT17109 | IV |
| 2018-19 | Jiddi Saniya Mahibub | MAT17110 | IV |
| 2018-19 | Nivedita Uppaldinni | MAT17111 | IV |
| 2018-19 | Pankaj Kulkarni | MAT17112 | IV |
| 2018-19 | Parveenbanu Choudi | MAT17113 | IV |
| 2018-19 | Pooja | MAT17114 | IV |
| 2018-19 | Pooja Anand Joshi | MAT17115 | IV |
| 2018-19 | Pooja Hosamani | MAT17116 | IV |
| 2018-19 | Pooja Simpi | MAT17117 | IV |
| 2018-19 | Priyanka Hiremath | MAT17118 | IV |
| 2018-19 | Raheen Asangi | MAT17119 | IV |
| 2018-19 | Rekha Hadapad | MAT17120 | IV |
| 2018-19 | Renuka Teli | MAT17121 | IV |
| 2018-19 | Reshma | MAT17122 | IV |
| 2018-19 | Roopa Kadayya Hiremath | MAT17123 | IV |
| 2018-19 | Roopanjali Bondarde | MAT17124 | IV |
| 2018-19 | Sadaf Mujahid | MAT17125 | IV |
| 2018-19 | Sampurna | MAT17126 | IV |
| 2018-19 | Sana Bagalkot | MAT17127 | IV |
| 2018-19 | Savita Parannavar | MAT17128 | IV |
| 2018-19 | Shantadevi Basalingappa | MAT17129 | IV |
| 2018-19 | Shivajayanti Kannur | MAT17130 | IV |
| 2018-19 | Shweta Bandi | MAT17131 | IV |
| 2018-19 | Soumya Patil | MAT17132 | IV |
| 2018-19 | Sushmita Sajji | MAT17133 | IV |
| 2018-19 | Tanzeela Begum Jagirdar | MAT17134 | IV |
| 2018-19 | Usharani Umarage | MAT17135 | IV |

| Year of passing final year exam | Name of students | Enrollment number | Semester |
|---------------------------------|---------------------------------|-------------------|----------|
| 2019-20 | Afreen Kousar Pathan | MT181001 | IV |
| 2019-20 | Aishwarya | MT181002 | IV |
| 2019-20 | Arati A Mashalkar | MT181003 | IV |
| 2019-20 | Asha Pandeganvi | MT181004 | IV |
| 2019-20 | Ayesha Gazala Badgandi | MT181005 | IV |
| 2019-20 | Bhageerathi Patil | MT181006 | IV |
| 2019-20 | Bhagyashri Gavimath | MT181007 | IV |
| 2019-20 | Chaitra Pattar | MT181008 | IV |
| 2019-20 | Farhanaj Horti | MT181009 | IV |
| 2019-20 | Gardimani Samrin Ibrahim Rasida | MT181010 | IV |
| 2019-20 | Geeta Ningareddi | MT181011 | IV |
| 2019-20 | Juveriyakhan Pathan | MT181012 | IV |
| 2019-20 | Jyoti Maganageri | MT181013 | IV |
| 2019-20 | Kashibai Shiraganvi | MT181014 | IV |
| 2019-20 | Krutika Jatti | MT181015 | IV |
| 2019-20 | Laxmi Hiremath | MT181016 | IV |
| 2019-20 | Madhu Bhajantri | MT181017 | IV |
| 2019-20 | Maithili Hadapad | MT181018 | IV |
| 2019-20 | Namrata Biradar | MT181019 | IV |
| 2019-20 | Nilofar D Tahasildar | MT181020 | IV |
| 2019-20 | Parvati Madappagouda Biradar | MT181021 | IV |
| 2019-20 | Preeti | MT181022 | IV |
| 2019-20 | Prema Shivasharanappa Tadalagi | MT181023 | IV |
| 2019-20 | Priyanka B Patil | MT181024 | IV |
| 2019-20 | Priyanka Devakar | MT181025 | IV |
| 2019-20 | Pushpa Harawal | MT181026 | IV |
| 2019-20 | Rashmi Patil | MT181027 | IV |
| 2019-20 | Roopa Chalawadi | MT181028 | IV |
| 2019-20 | Shireen Mushtaq Hussain | MT181029 | IV |
| 2019-20 | Shrusti Mukihal | MT181030 | IV |
| 2019-20 | Shruti Metri | MT181031 | IV |
| 2019-20 | Shweta Nedalagi | MT181032 | IV |
| 2019-20 | Soubhagyalakshmi.B. Konnur | MT181033 | IV |
| 2019-20 | Swati Mathapati | MT181034 | IV |
| 2019-20 | Tasleem Inamdar | MT181035 | IV |
| 2019-20 | Vanishree Kiranagi | MT181036 | IV |
| 2019-20 | Varsha Kannur | MT181037 | IV |
| 2019-20 | Vijayalaxmi Sheelavantar | MT181038 | IV |
| 2019-20 | Yallavva Kapashi | MT181039 | IV |

| Year of passing final year exam | Name of students | Enrollment number | Semester |
|---------------------------------|----------------------------|-------------------|----------|
| 2020-21 | Aishwarya Biradar | MT191001 | IV |
| 2020-21 | Anjum Patil | MT191002 | IV |
| 2020-21 | Annapoorna B. Biradar | MT191003 | IV |
| 2020-21 | Asila Mujawar | MT191005 | IV |
| 2020-21 | Azimatehreen Donur | MT191006 | IV |
| 2020-21 | Bhagyashree Harage | MT191007 | IV |
| 2020-21 | Bharati | MT191008 | IV |
| 2020-21 | Chaitra | MT191009 | IV |
| 2020-21 | Chandbi Saiyedsha Makandar | MT191010 | IV |
| 2020-21 | Chandrakala Kallappa | MT191011 | IV |
| 2020-21 | Deepa | MT191012 | IV |
| 2020-21 | Deepa Dodamani | MT191013 | IV |
| 2020-21 | Gourabai Hunnoor | MT191014 | IV |
| 2020-21 | Jyoti Patil | MT191015 | IV |
| 2020-21 | Kaveri Shruguhalli | MT191016 | IV |
| 2020-21 | Nagma Motegaonwala | MT191017 | IV |
| 2020-21 | Nirmala Hadalageri | MT191018 | IV |
| 2020-21 | Pooja Kamble | MT191019 | IV |
| 2020-21 | Pooja Kori | MT191020 | IV |
| 2020-21 | Prajnya Joshi | MT191021 | IV |
| 2020-21 | Pramila Athani | MT191022 | IV |
| 2020-21 | Ranjeeta Pattar | MT191023 | IV |
| 2020-21 | Ranjita Kalasaraddi | MT191024 | IV |
| 2020-21 | Rashmi Biradar | MT191025 | IV |
| 2020-21 | Rashmi Muppayyanamath | MT191026 | IV |
| 2020-21 | Rashmi Naikodi | MT191027 | IV |
| 2020-21 | Renuka Gani | MT191028 | IV |
| 2020-21 | Rubinabanu M Telsang | MT191029 | IV |
| 2020-21 | Ruksar Jath | MT191030 | IV |
| 2020-21 | Sahana Mujahid | MT191031 | IV |
| 2020-21 | Sameena Qadri | MT191032 | IV |
| 2020-21 | Savita Laxman Lamani | MT191033 | IV |
| 2020-21 | Savita Patil | MT191034 | IV |
| 2020-21 | Sheela Biradar | MT191035 | IV |
| 2020-21 | Shilpa Patil | MT191036 | IV |
| 2020-21 | Shireen Choudhari | MT191037 | IV |
| 2020-21 | Shruti Ginni | MT191038 | IV |
| 2020-21 | Shruti Patil | MT191039 | IV |
| 2020-21 | Shruti Yadawad | MT191040 | IV |
| 2020-21 | Soumya Mathad | MT191041 | IV |
| 2020-21 | Sumaiya Bagayat | MT191042 | IV |
| 2020-21 | Suprita Kudlappagol | MT191043 | IV |
| 2020-21 | Supriya D Pawar | MT191044 | IV |
| 2020-21 | Tahseen Inamdar | MT191045 | IV |
| 2020-21 | Vidya Sindagi | MT191046 | IV |

| Year of passing final year exam | Name of students | Enrollment number | Semester |
|---------------------------------|------------------------------|-------------------|----------|
| 2021-22 | Afreen Nadaf | MT201001 | IV |
| 2021-22 | Anjum Ara Mulla | MT201002 | IV |
| 2021-22 | Anusha Kalaghatagi | MT201003 | IV |
| 2021-22 | Asha Muttappa Yaradettinavar | MT201004 | IV |
| 2021-22 | Ashwini Aigali | MT201005 | IV |
| 2021-22 | Ashwini Biradar | MT201006 | IV |
| 2021-22 | Ashwini Shantayya | MT201007 | IV |
| 2021-22 | Atnur Aishwarya Mallikarjun | MT201008 | IV |
| 2021-22 | Chaitra | MT201009 | IV |
| 2021-22 | Deepali Banasode | MT201010 | IV |
| 2021-22 | Deepali Tipparkar | MT201011 | IV |
| 2021-22 | Harika | MT201013 | IV |
| 2021-22 | Jyoti Nerli | MT201014 | IV |
| 2021-22 | Katte Rajashree Sahadev | MT201015 | IV |
| 2021-22 | Laxmi Kolakur | MT201016 | IV |
| 2021-22 | Laxmi M | MT201017 | IV |
| 2021-22 | Laxmi Walikar | MT201018 | IV |
| 2021-22 | Muskan Bandugol | MT201019 | IV |
| 2021-22 | Naiyara Noor Dafedar | MT201020 | IV |
| 2021-22 | Neeta Biradar | MT201021 | IV |
| 2021-22 | Ningavva Marichandi | MT201022 | IV |
| 2021-22 | Pavitra Akki | MT201023 | IV |
| 2021-22 | Pooja Narendra Jahageerdar | MT201024 | IV |
| 2021-22 | Pooja Tole | MT201025 | IV |
| 2021-22 | Poornima Kumbar | MT201026 | IV |
| 2021-22 | Pratiksha Walikhindi | MT201027 | IV |
| 2021-22 | Premanjali | MT201028 | IV |
| 2021-22 | Premlata | MT201029 | IV |
| 2021-22 | Priyanka Patil | MT201030 | IV |
| 2021-22 | Priyanka Todalabagi | MT201031 | IV |
| 2021-22 | Rajeshwari | MT201032 | IV |
| 2021-22 | Rajshree Teli | MT201033 | IV |
| 2021-22 | Rakshita S Bhairagond | MT201034 | IV |
| 2021-22 | Rudramma Sajjan | MT201035 | IV |
| 2021-22 | Sahana | MT201036 | IV |
| 2021-22 | Sartaj Naima Khatoon | MT201037 | IV |
| 2021-22 | Shakuntala Dodamani | MT201038 | IV |
| 2021-22 | Shilpa Goudar | MT201039 | IV |
| 2021-22 | Shivaleela Koluragi | MT201040 | IV |
| 2021-22 | Shivaleela Masali | MT201041 | IV |
| 2021-22 | Shreya Dodamani | MT201042 | IV |



AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPUR

A Project report on

"AN EXPLICIT STUDY ON FIBONACCI SEQUENCE"

Submitted in partial fulfilment for the Award of

MASTER OF SCIENCE

in

MATHEMATICS

By

Miss. Sangeeta Gadgimath (MAT16135)

Miss. Rohini Tapdiya (MAT16131)

Miss. Saraswati Savadakar (MAT16136)

Miss. Shailaja Pammar (MAT16137)

PROJECT GUIDE

Miss. Ashwini. S. Angadi (M.Sc)

Submitted to

Department of Mathematics

Akkamahadevi Women's University, Vijayapur-586108 Karnataka.

May/June-2018



AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPUR

CERTIFICATE

This is certify that, the dissertation entitled "An Explicit study on Fibonacci sequence" submitted to Akkamahadevi Women's University, Vijayapur by Miss. Sangeeta Gadgimath, Miss. Rohini Tapdiya, Miss. Saraswati Savadakar, and Miss. Shailaja Pammar. For the award of degree of Master of Science in Mathematics and it has not been submitted previously in part or full, for the award of any degree or diploma of this or any other University or Institution. We have carried out this project work at the Department of Mathematics, Akkamahadevi Women's University, Vijayapur, under the Guidance.

Sangeeta
SIGNATURE OF GUIDE

N. Shwetha
SIGNATURE OF HOD
Co-ordinator
Post Graduate Dept. of Studies &
Research in Mathematics
Akkamahadevi Women's University,
VIJAYAPURA-586108.

SIGNATURE[S] OF THE EXAMINER

1. *(Signature) 9/20/16/18*
2. *(Signature) 9/20/16/18*

**AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA- 2018**



A Project Report on

**“CRYPTOGRAPHY ENCRYPTION IN NUMBER
THEORY”**

Submitted in partial fulfilment for the award of

Master Degree in Mathematics

During the academic year 2017-2018

Submitted by

Miss. RANI. A. MANJARE (MAT16130)

UNDER THE GUIDANCE

OF

Miss. Roopa Gadag

Submitted to

DEPARTMENT OF STUDIES IN MATHEMATICS

**AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA 2017-18**

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA




Certificate

This is to certify that Miss. Rani manjare (Reg no:MAT16130), has satisfactorily completed the Internship Project On "Cryptography Encryption in Number Theory", in the partial fulfilment of the requirement of Master of Mathematics awarded by Akkamahadevi Women's University Vijayapura, during the academic year 2017-2018.

Project Guide

Miss. Roopa Gadag

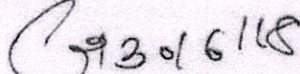
N. Shweta
Co-ordinator of the Dept


Smt. N. Shweta
Co-ordinator

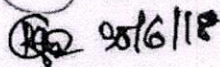
Post Graduate Dept. of Studies &
Research in Mathematics
Akkamahadevi Women's University,
VIJAYAPURA-586108.

Examiners:

1



2



A STUDY ON CHEMICAL GRAPH THEORY



A DISSERTATION SUBMITTED TO THE AKKAMAHADEVI
WOMEN'S UNIVERSITY, VIJAYAPURA FOR THE AWARD OF THE
DEGREE OF

MASTER OF SCIENCE

In

MATHEMATICS

By

Miss. Mubeena H. Mangoli (MAT16121)

Miss. Kulshanbegum Talikoti (MAT16119)

Miss. Jyoti Gabbur (MAT16116)

PROJECT GUIDE

Dr. Veena R. Desai M. Sc., Ph. D.

Department of Mathematics

Akkamahadevi Women's University Vijayapura-586 108

Karnataka, India.

June-2018



DEPARTMENT OF MATHEMATICS

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

Jnanashakti, Torvi, Vijayapura, Karnataka – 586101

CERTIFICATE

This is to certify that, the project work entitled "A STUDY ON CHEMICAL GRAPH THEORY" carried out by Miss.Mubeena H.Mangoli, Miss.Kulshanbegum Talikoti and Miss.Jyoti Gabbur are students of **AKKAMAHADEVI WOMEN'S UNIVERSITY**, in partial fulfillment for the award of **Master of Science in Mathematics** during the year **2017-2018**. The project has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dr. Veena R. Desai

SIGNATURE OF GUIDE

SIGNATURE OF THE EXAMINERS:

1.

G 30/6/18

2.

30/6/18

N. Shwetha

SIGNATURE OF HOD

Co-ordinator

Post Graduate Dept. of Studies &
Research in Mathematics
Akkamahadevi Women's University,
VIJAYAPURA-586108.



AKKAMAHADEVI WOMEN'S UNIVERSITY

VIJAYAPURA

A Project Report on

"DOMINATION IN GRAPH THEORY"

Submitted in partial fulfillment for the award of

MASTER OF SCIENCE

In

MATHEMATICS

Submitted by

Miss.DEEPA.B.NIMBAL (MAT16110)

Miss.DIVYA. S. RUDRAGOUDAR (MAT16111)

Miss.GEETA .L.DEVADIGA (MAT16112)

Miss.GURUBAI .D. GUJAGOND (MAT16114)

PROJECT GUIDE

Chidanand A Masarguppi M.sc.,(ph.D.)

Submitted To

Department of studies in mathematics

Akkamahadevi women's university, Vijayapur.

AKKAMAHADEVI WOMEN'S UNIVERSITY

VIJAYAPUR-586101



DEPARTMENT OF MATHEMATICS (Msc)

CERTIFICATE

This is to certify that Miss.DEEPA .B. NIMBAL (MAT16110) , Miss.DIVYA.S.RUDRAGOUDAR (MAT16111), MissGEETA L DEVADIGA (Mat16112) Miss. GURUBAI D GUJAGOND (MAT16114) has completed her final semester project work entitled "DOMINATION IN GRAPH THEORY" as a partial fulfillment for the award of Master of Science in MATHEMATICS, during the academic year 2017-2018 under my supervision.

Chidanand M
GUIDE 10/5/18

Chidanand M

Signature of Examiners:

1.

Chidanand M 30/6/18

2.

Prof N. Shweta 30/6/18

N. Shweta
CO-ORDINATOR

Prof N. Shweta
Co-ordinator

Post Graduate Dept. of Studies &
Research in Mathematics
Akkamahadevi Women's University,
VIJAYAPURA-586108.

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA



A Project Report on

"STUDY ON ALGEBRAIC AND TRANSCENDENTAL NUMBERS"

Submitted in partial fulfillment for the award of

Master Degree in Mathematics

During the academic year 2017-2018

Submitted by

Miss. Sharada Bhimappa Billur (MAT16138)

Miss. Shweta Shapeti (MAT16141)

Miss. Suma Ingaleshwar (MAT16143)

Miss. Suma Kasturi (MAT16144)

UNDER THE GUIDANCE

OF

Miss. Ashwini S Angadi

Submitted to

DEPARTMENT OF STUDIES IN MATHEMATICS

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

2017-18

AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA



Certificate

This is to certify that Miss. Sharada Bhimappa Billur (Reg no: MAT16138), Miss. Shweta Shapeti (Reg no: MAT16141), Miss. Suma Kasturi (Reg no: MAT16143), Miss. Suma Kasturi (Reg no: MAT16144) have satisfactorily completed the Internship Project On "Study on Algebraic and transcendental numbers", in the partial fulfillment of the requirement of Master of Mathematics awarded by Akkamahadevi Women's University, Vijayapura, during the academic year 2017-2018.

Angadi
Project Guide

Miss. Ashwini S Angadi

N. Shweta
Co-ordinator of the Dept

Prof. N. Shweta
Co-ordinator
Post Graduate Dept. of Studies &
Research in Mathematics
Akkamahadevi Women's University
VIJAYAPURA-586108.

Examiners:

1

30/6/18

2

30/6/18



**Karnataka State Akkamahadevi Women's University,
Torvi, Vijayapura**

DEPARTMENT OF MATHEMATICS

A Project Report on

**Construction of Sine Table Using the Aryabhata
Method**

Submitted by

| | |
|------------------------------|--------------------|
| Miss. Aishwarya | (Reg. No) MT181002 |
| Miss. Ayesha Gazala Badgandi | (Reg. No) MT181005 |
| Miss. Krutika Jatti | (Reg. No) MT181015 |
| Miss. Pushpa Harawal | (Reg. No) MT181026 |
| Miss. Tasleem Inamdar | (Reg. No) MT181035 |

**As prescribed in MSc (Mathematics) IV semester course
UNDER THE GUIDANCE**

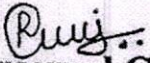
of

Dr. Rajashekhar choudhari
Research Assistant, Bhaskaracharya Study Chair
KSAWU, Vijayapura

**Department of Studies in Mathematics
Akkamahadevi Women's University, Vijayapura
September 2020**

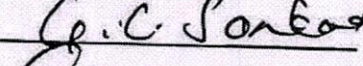
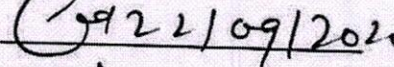
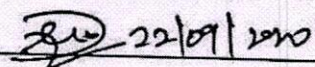
CERTIFICATE

This is to certify that this dissertation entitled "Construction of Sine Table Using the Aryabhata Method" submitted by Miss. Aishwarya, Miss. Ayesha Gazala Badgandi, Miss. Krutika Jatti, Miss. Pushpa Harawal, Miss. Tasleem Inamdar in fulfillment of the requirement for the award of degree of Master's in Mathematics represents their report on project work carried out during MSC IV semester January 2020 to September 2020 under our supervision. This dissertation or any part of it has not been submitted for award of any degree or diploma.


Internal Guide

Dr. Rajashekhar Choudhari
Research Assistant,
Bhaskaracharya Study Chair
Karnataka State Akkamahadevi
Women's University, Vijayapura

~~External Guide~~

Dr./Mr./Ms. 

Dr. M.Y. Dhange



CO-ORDINATOR

Department of Mathematics

Karnataka State Akkamahadevi Women's University

Vijayapura



**Karnataka State Akkamahadevi Women's University,
Torvi, Vijayapura**

DEPARTMENT OF MATHEMATICS

A Project Report on

**Construction of Sine Table Using the Aryabhata
Method**

Submitted by

| | |
|------------------------------|--------------------|
| Miss. Aishwarya | (Reg. No) MT181002 |
| Miss. Ayesha Gazala Badgandi | (Reg. No) MT181005 |
| Miss. Krutika Jatti | (Reg. No) MT181015 |
| Miss. Pushpa Harawal | (Reg. No) MT181026 |
| Miss. Tasleem Inamdar | (Reg. No) MT181035 |

**As prescribed in MSc (Mathematics) IV semester course
UNDER THE GUIDANCE**

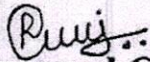
of

Dr. Rajashekhar choudhari
Research Assistant, Bhaskaracharya Study Chair
KSAWU, Vijayapura

**Department of Studies in Mathematics
Akkamahadevi Women's University, Vijayapura
September 2020**

CERTIFICATE

This is to certify that this dissertation entitled "Construction of Sine Table Using the Aryabhata Method" submitted by Miss. Aishwarya, Miss. Ayesha Gazala Badgandi, Miss. Krutika Jatti, Miss. Pushpa Harawal, Miss. Tasleem Inamdar in fulfillment of the requirement for the award of degree of Master's in Mathematics represents their report on project work carried out during MSC IV semester January 2020 to September 2020 under our supervision. This dissertation or any part of it has not been submitted for award of any degree or diploma.


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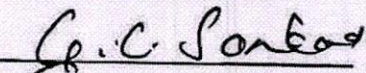
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DEPARTMENT OF MATHEMATICS

**A Project Report on
Second Difference for Inverse Functions**

Submitted by

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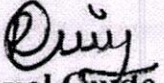
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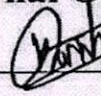
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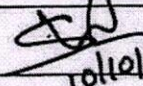

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A Project Report on

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DEPARTMENT OF MATHEMATICS

A Project Report on Linear Algebra

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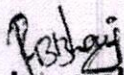
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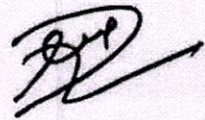
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A Project on
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**Karnataka State Akkamahadevi Women's University,
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DEPARTMENT OF MATHEMATICS

A Project Report on

MATHEMATICAL MODELLING ON COVID-19

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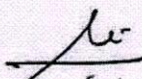
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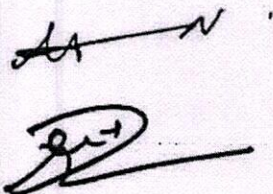
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A project report on

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
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**A Project Report on Power Series Computation of Rsine and
Rcosine**

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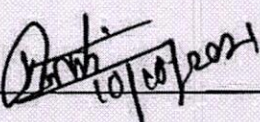
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A PROJECT ON

"COMPLEX ANALYSIS "

In partial fulfilment of the requirements for the award of the
Degree of

MASTER OF SCIENCE

IN

MATHEMATICS

Submitted by

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DEPARTMENT OF MATEMATICS

A Project Report on

"VECTOR SPACE"

**A DISSERTATION SUBMITTED TO THE AKKAMAHADEVI WOMEN'S
UNIVERSITY, VIJAYAPURA FOR THE AWARD OF THE DEGREE OF**

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In

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A Project Report on
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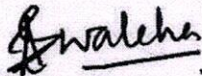
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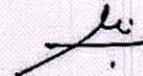
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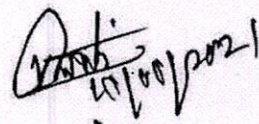


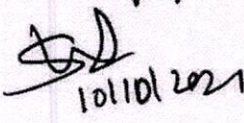
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**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
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DEPARTMENT OF PG STUDIES AND RESEARCH IN MATHEMATICS

**A Project Report on
"NUMERICAL SOLUTION VARIABLE MAGNETIC FIELD
WITH DISSIPATION, RADIATION AND HEAT SOURCE/SINK
OVER A STRETCHING SHEET"**

Submitted By

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**A Project Report on
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**A PROJECT ON
"NUMBER THEORY AND IT'S APPLICATIONS"**

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE
IN
MATHEMATICS**

Submitted By

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**A Project Report on
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OVER A STRETCHING SHEET"**

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Submitted By:

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This is to certify that the project entitled "Matrices and Vector space" has been carried out by students Miss. Asha Yaradettinavar, Miss. Shreya Dodamani, Miss. Sonali Shindhe. of the fourth semester, Master of Science in Mathematics. This Project work is submitted in partial fulfillment of the requirement for the award of the degree of Master of Science in Mathematics during the year 2021-2022. This project or part of this work has not been previously submitted to any diploma or degree.

Project Guide

Miss. RANI TELI

Coordinator

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Internal Examiner

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**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
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DEPARTMENT OF MATHEMATICS

A Project Report on
**“Electroosmosis in Peristaltic Flow of MHD Carreau
Fluid with Slip and Variable Fluid Properties”**

Submitted by

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| Miss. Poornima Kumbar | (Reg. No:MT201026) |
| Miss. Rakshita S Bhairagond | (Reg. No:MT201034) |
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As prescribed in MSc (Mathematics) IV semester course

UNDER THE GUIDANCE

Of

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Submitted to

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September -2022



**Karnataka State Akkamahadevi Women's University,
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DEPARTMENT OF MATHEMATICS

**A Project Report on
Electroosmosis in Peristaltic flow of MHD Carreau
fluid with Slip and Variable Fluid Properties.**

Submitted by

Miss. Muskan Bandugol
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Miss. Sahana

(Reg. No:MT201019)
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Miss. Swaleha M Inamdar

Submitted to

**Department of Studies in Mathematics
Akkamahadevi Women's University, Vijayapura
September -2022**



**Karnataka State Akkamahadevi Women's
University, Vijayapura.**

DEPARTMENT OF MATHEMATICS

A Project Report on

**On electroosmosis in peristaltic flow
of MHD Carreau fluid in the presence of slip,
variable properties, homogeneous and
heterogeneous reactions.**

Submitted by

Miss.Ashwini.Biradar

(Reg. No:MT201006)

Miss.Jyoti.Nerli.

(Reg. No:MT201014)

Miss. Laxmi.Walikar.

(Reg. No:MT201018)

Miss. Neeta. Biradar.

(Reg. No:MT201021)

As prescribed in MSc (Mathematics) IV semester course

UNDER THE GUIDANCE

of

Miss. Swaleha. M. Inamdar.

Submitted to

Department of Studies in Mathematics

Akkamahadevi Women's University, Vijayapura

September 2022



**Karnataka State Akkamahadevi Women's
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DEPARTMENT OF MATHEMATICS

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**Department of Studies in Mathematics
Akkamahadevi Women's University, Vijayapura
September 2022**



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY, VIJAYAPURA-586106**

DEPARTMENT OF PG STUDIES AND RESEARCH IN MATHEMATICS

**A Project Report on
"Momentum, heat and mass transfer in the
hydrodynamic electrically conducting fluid flow
over a stretching sheet"**

Submitted By

Name(s):

Register Number(s):

Katte Rajashree Sahadev

MT201015

Rajeshwari

MT201032

Shivaleela Koluragi

MT201040

Sushmita Kagawad

MT201048

**Under the Guidance of
Mr. Pradeep G. Janthe**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586106.**

DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS

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**Under the Guidance of
Mr. Pradeep G. Janthe**

SEPTEMBER - 2022

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101**



**A Project Report on
"APPLICATION OF NUMBER THEORY IN
GROUP THEORY"**

**In partial fulfillment of the requirements for the award of the
Degree of**

**MASTER OF SCIENCE
IN
MATHEMATICS**

Submitted by:

Miss. Priyanka Todalabagi

Miss. Atnur Aishwarya Mallikarjun

Miss. Ashwini Shantayya

Miss. Shilpa Goudar

MT201031

MT201008

MT201007

MT201039

Under the Guidance of

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DEPARTMENT OF MATHEMATICS
2021-2022**

KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,

VIJAYAPURA - 586101.



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DEPARTMENT OF MATHEMATICS

2021-2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101**

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
MATHEMATICS**

A Project Report on

“NUMBER THEORY AND IT'S APPLICATIONS”

Submitted By:

Name(s):

Ashwini Aigali

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Register Number(s):

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**Under the Guidance of
Miss. Rani Teli.**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101.**

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
MATHEMATICS**

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"NUMBER THEORY AND IT'S APPLICATIONS"**

Submitted By:

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| Ashwini Aigali | MT201005 |
| Shivaleela Masali | MT201041 |
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**Under the Guidance of
Miss. Rani Teli**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA.**

DEPARTMENT OF MATHEMATICS

**A Project Report on
"Electroosmosis augmented MHD Third grade fluid with slip and
variable properties: An application for blood flow in arteries"**

Submitted by

**Miss. Naiyara Noor Dafedar (Reg. No:MT201020)
Miss. Ningavva Marichandi (Reg. No:MT201022)
Miss. Shweta. G .Bhurke. (Reg. No:MT201044)
Miss. Teradal Ashwini (Reg. No:MT201051)**

As prescribed in MSc (Mathematics) IVsemester course

UNDER THE GUIDANCE

Of

Miss. Swaleha M Inamdar

**Department of Studies in Mathematics
Akkamahadevi Women's University, Vijayapura
September -2022**



Karnataka State Akkamahadevi Women's University, Vijayapura.

DEPARTMENT OF MATHEMATICS

A Project Report on

Electroosmosis augmented MHD Third grade fluid with slip and variable properties: An application for blood flow in arteries

Submitted by

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(Reg. No:MT201020)

Miss. Ningavva Marichandi

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Miss. Shweta. G .Bhurke.

(Reg. No:MT201044)

Miss. Teradal Ashwini

(Reg. No:MT201051)

As prescribed in M.Sc. in Mathematics IV semester course

UNDER THE GUIDANCE

of

Miss. Swaleha. M. Inamdar

Department of Studies in Mathematics

Karnataka State Akkamahadevi Women's University, Vijayapura.

September 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101**

DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS

**A Project Report on
"COLORING, COVERING AND ITS APPLICATIONS"**

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS,
Karnataka State Akkamahadevi Women's University
Vijayapura.**

Submitted By:

Name(s):

Deepali Tipparkar

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Register Number(s):

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**Under the Guidance of
Miss. Rani Teli.**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586106.**

DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS

**A Project Report on
"COLORING, COVERING AND ITS APPLICATIONS"**

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS,
Karnataka State Akkamahadevi Women's University
Vijayapura.**

Submitted By:

Name(s):

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MT201038

**Under the Guidance of
Miss Rani Teli**

September- 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY, VIJAYAPURA-586106**
DEPARTMENT OF PG STUDIES AND RESEARCH IN MATHEMATICS

**A Project Report on
"Thermal radiation and non-uniform heat source/sink
on MHD convective flow of a viscous incompressible
flow over a permeable stretching sheet"**

Submitted By

Name(s):

**Pratiksha Walikhindi
Premanjali
Priyanka Patil**

Register Number(s):

**MT201027
MT201028
MT201030**

**Under the Guidance of
Mr. Pradeep G. Janthe**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586106.**

DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS

A Project Report on

**“Thermal radiation and non-uniform heat source/sink on
MHD convective flow of a viscous incompressible flow over
a permeable stretching sheet”**

Submitted By:

| <u>Name(s):</u> | <u>Register Number(s):</u> |
|-----------------------------|-----------------------------------|
| Pratiksha Walikhindi | MT201027 |
| Premanjali | MT201028 |
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**Under the Guidance of
Mr. Pradeep G. Janthe**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY,
VIJAYAPURA - 586106.**

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
MATHEMATICS**

**A Project Report on
"GROUPS"**

Submitted By:

Name(s):Register Number(s):

AFREEN NADAF

MT201001

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Under the Guidance of

Miss. Rani Teli

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY,
VIJAYAPURA - 586106.**

**DEPARTMENT OF P. G. STUDIES AND RESEARCH IN
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**Under the Guidance of
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SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101**

**DEPARTMENT OF MATHEMATICS
A Project Report on
"Extension of Field"**

Submitted by

| | |
|-------------------------------|---------------------------|
| Miss. Harika | (Reg. No:MT201013) |
| Miss. Laxmi Kolakur | (Reg. No:MT201016) |
| Miss. Pooja Jahagirdar | (Reg. No:MT201024) |
| Miss. Suma Nagaral | (Reg. No:MT201046) |

As prescribed in M.Sc. in Mathematics IV semester course

**UNDER THE GUIDANCE
of
Mr. Shivanand Nadagatti
Department of Mathematics
Karnataka State Akkamahadevi Women's University, Vijayapura.**

September 2022



Karnataka State Akkamahadevi Women's University,
Vijayapura.

DEPARTMENT OF MATHEMATICS

A Project Report on

Extension of field

Submitted by

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Department of Mathematics

Karnataka State Akkamahadevi Women's University, Vijayapura.

September 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586101**

A Project Report on

**“SYSTEM OF NON LINEAR DIFFERENTIAL
EQUATION”**

Submitted to

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN MATHEMATICS,
Karnataka State Akkamahadevi Women's University
Vijayapura.**

Submitted By:

Name(s):

Miss. Chaitra

Miss. Pavitra Akki

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**Under the Guidance of
Miss. Rani Teli.**

SEPTEMBER - 2022



**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA - 586106.**

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Karnataka State Akkamahadevi Women's University
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SEPTEMBER - 2022