

## DEPARMENT OF MATHEMATICS

### 1. LIST OF STUDENT SUBMITTED THEIR PROJECT AND DISERTATION UG (2022-2025)

SL NO.	NAME OF THE STUDENT	ROLL NO.	PROJECT NAME
1	BANDANA KISHAN	S06522MTH001	RIEMANN INTEGRATION
2	KIRAN SINGH	SO6522MTH003	A STUDY OF NUMBER THEORY
3	LIZA MAHANTA	S06522MTH004	A STUDY OF VECTOR SPACE
4	MANISHA MAJHI	S06522MTH005	A STUDY ON BALANCING NUMBERS
5	SWATIPARNA BADHAI	S06522MTH006	GRAPH LABELING
6	SUSHREE SWETA JAYPURIA	S06522MTH007	HILBERT SPACE
7	TRUPTIMAYEE PRADHAN	S06522MTH008	APPLICATION OF MATRIX IN REAL LIFE
8	PRACHISMITA PATEL	S06522MTH009	FIBONACCI SEQUENCE AND ITS APPLICATION
9	NAMITA GAUD	S06522MTH010	TREES
10	PANKAJINI SETH	S06522MTH011	BOOLEAN ALGEBRA
11	JAMUNA MAJHI	S06522MTH012	GRAPH COLORING
12	SANTOSINI MUNDA	S06522MTH015	FRACTIONAL CALCULUS
13	NAMITA SAY	S06522MTH016	NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATION

# Government Women's College, Sundargarh



*Riemann Integration*

A DISSERTATION SUBMITTED

BY

Bandana Kishan

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

BACHLOR OF SCIENCE

IN

“MATHEMATICS”

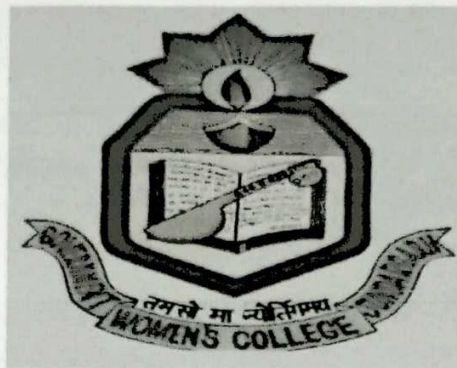
DEPT. OF MATHEMATICS

GOVERNMENT WOMEN'S COLLEGE, SUNDARGARH

ODISHA-770001

*Signature*  
27/2/25

# Government Women's College, Sundargarh



## A STUDY OF NUMBER THEORY

A DISSERTATION SUBMITTED

BY

KIRAN SINGH

IN PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

BACHELOR OF SCIENCE

IN

"MATHEMATICS"

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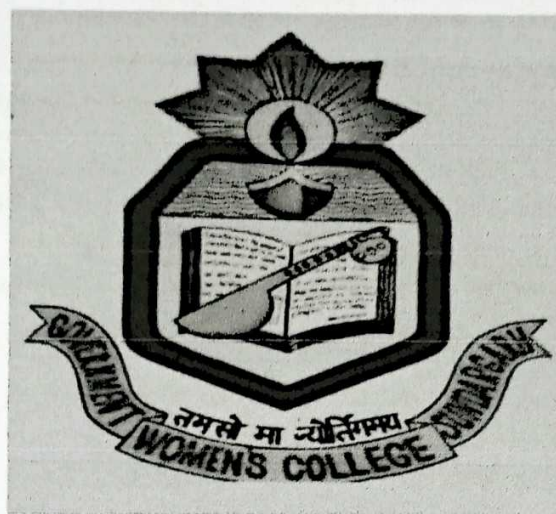
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**GOVERNMENT WOMEN'S COLLEGE,  
SUNDARGARH**



**A STUDY ON VECTOR SPACE  
A DISSERTATION SUBMITTED**

**BY**

**LIZA MAHANTA**

**IN PARTIAL FULFILLMENT OF THE REQUIMENTS  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF SCIENCE**

**IN**

**“MATHEMATICS”**

**DEPT.OF MATHEMATICS**

**GOVT.WOMEN'S COLLEGE SUNDARGARH**

**ODISHA - 770001**

# Government Women's College, Sundargarh



## A STUDY ON BALANCING NUMBERS

A DISSERTATION SUBMITTED

BY

**MANISHA MAJHI**

IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE

in

MATHEMATICS

DEPARMENT OF MATHEMATICS

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*27/5/22*



**Government Women's College, Sundargarh**

**GRAPH LABELING**

**A DISSERTATION SUBMITTED**

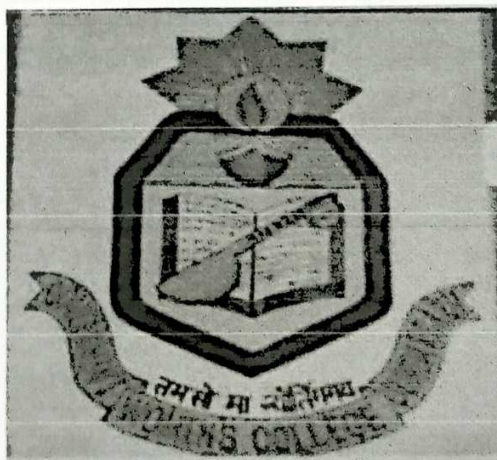
**BY**

**SWATIPARNA BADHAI**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE**

**IN**

**MATHEMATICS**



**DEPT. OF MATHEMATICS**

**GOVT. WOMEN'S COLLEGE SUNDARGARH**

*22/3/24*

**GOVT. WOMEN'S DEGREE COLLEGE**



**HILBERT SPACE**

A dissertation submitted

By

**SUSHREE SWETA JAYPURIA**

in partial fulfilment of the requirements for the  
award of the degree of

**BACHELOR OF SCIENCE**

**IN**

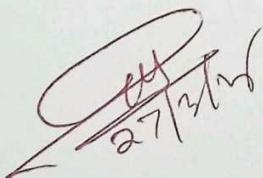
**MATHEMATICS**

**2025**

**DEPARTMENT OF MATHEMATICS**

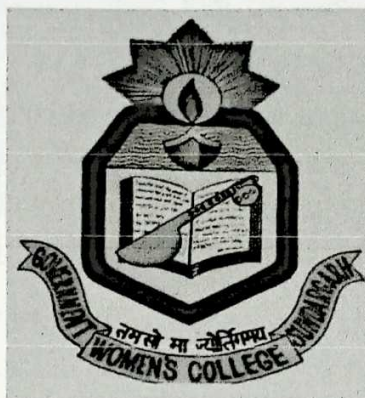
**GOVT. WOMEN'S DEGREE COLLEGE**

**SUNDARGARH, ODISHA-770001**

  
27/2/25



# **Government Women's College, Sundargarh**



## ***APPLICATION OF MATRIX IN REAL LIFE***

**A DISSERTATION SUBMITTED**

**BY**

**TRUPTIMAYEE PRADHAN**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE**

**IN**

**MATHEMATICS**

**DEPT. OF MATHEMATICS**

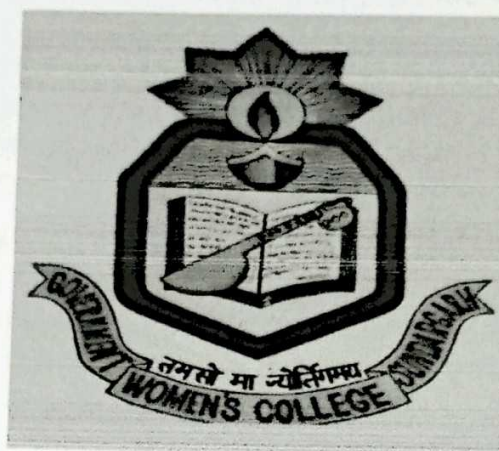
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**ODISHA-770001**

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27/2/20



**Government Women's College, Sundargarh**



***FIBONACCI SEQUENCE***

***AND ITS APPLICATION***

**A DISSERTATION SUBMITTED**

***BY***

**PRACHISMITA PATEL**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE**

***IN***

**MATHEMATICS**

**DEPT. OF MATHEMATICS**

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**TREES**

A DISSERTATION SUBMITTED

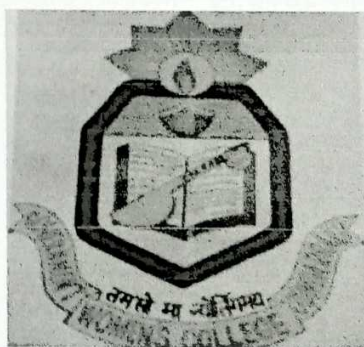
BY

NAMITA GOUD

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE

IN

MATHEMATICS



DEPT. OF MATHEMATICS

GOVERNMENT WOMEN'S COLLEGE, SUNDARGARH

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27/1/15



**Government Women's College, Sundargarh**

**BOOLEAN ALGEBRA**

**A Dissertation Submitted**

**BY**

**PANKAJINI SETH**

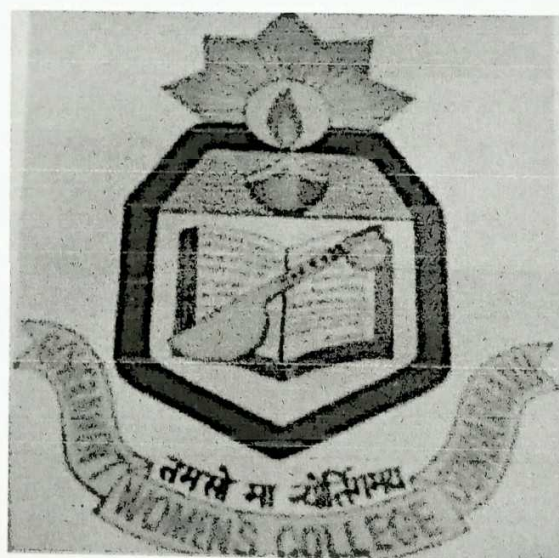
**In partial fulfilment of the requirement**

**for the award of the Degree Of**

**BACHELOR OF SCIENCE**

**IN**

**MATHEMATICS**



**2025**

**DEPARTMENT OF MATHEMATICS**

**GOVERNMENT WOMEN'S DEGREE COLLEGE**

**SUNDARGARH, ODISHA, 770001**

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27/3/24



**GOVERNMENT WOMEN'S COLLEGE,  
SUNDARGARH**

**GRAPH COLORING**

A Dissertation submitted

by

**JAMUNA MAJHI**

In particular fulfilment of the requirements for

The award of the degree of

**BACHELOR OF SCIENCE**

**IN**

**MATHEMATICS**



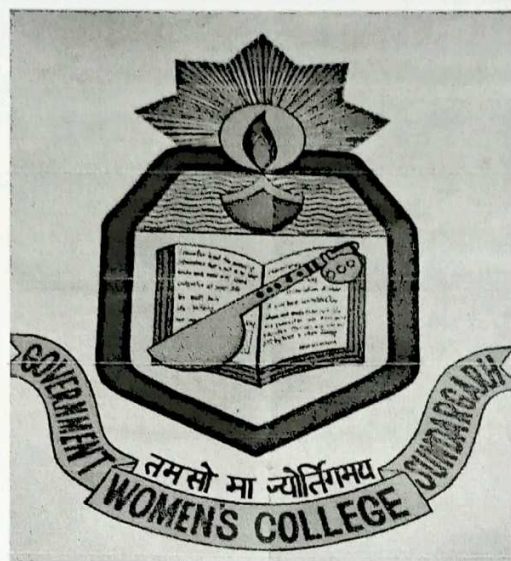
Department Of Mathematics

Government Women's Degree College

Sundargarh, Odisha-770001

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27/4/22

# Government Women's College, Sundargarh



## ***FRACTIONAL CALCULUS***

A DISSERATATION SUBMITTED

BY

SANTOSINI MUNDA

IN PARTIAL FULFILMENT THE REQUIREMENTS FORTHE  
AWARD OF THE DEGRE OF BACHELOR OFSCIENCE

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DEPARTMENT OF MATHEMTICS

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27/1/21



**GOVERNMENT WOMEN'S COLLEGE, SUNDARGARH**



**NUMERICAL SOLUTION OF ORDINARY**

**DIFFERENTIAL EQUATION**

**A DISSERATATION SUBMITTED**

**BY**

**NAMITA SAY**

**IN PARTIAL FULFILLMENT OF THE REQUIRMENT FOR  
THE AWARD OF THE DEGREE OF BACHLOR OF SCIENCE**


**IN**

**MATHEMATICS**

**DEPT. OF MATHEMATICS**

**GOVERNMENT WOMEN'S COLLEGE SUNDARGARH**

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27/2/20