GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

STUDY OF THEORY OF QUADRATIC RECIPROCITY AND APPLICATIONS TO QUADRATIC CONGRUENCES

2020-21

MSC IN MATHEMATICS
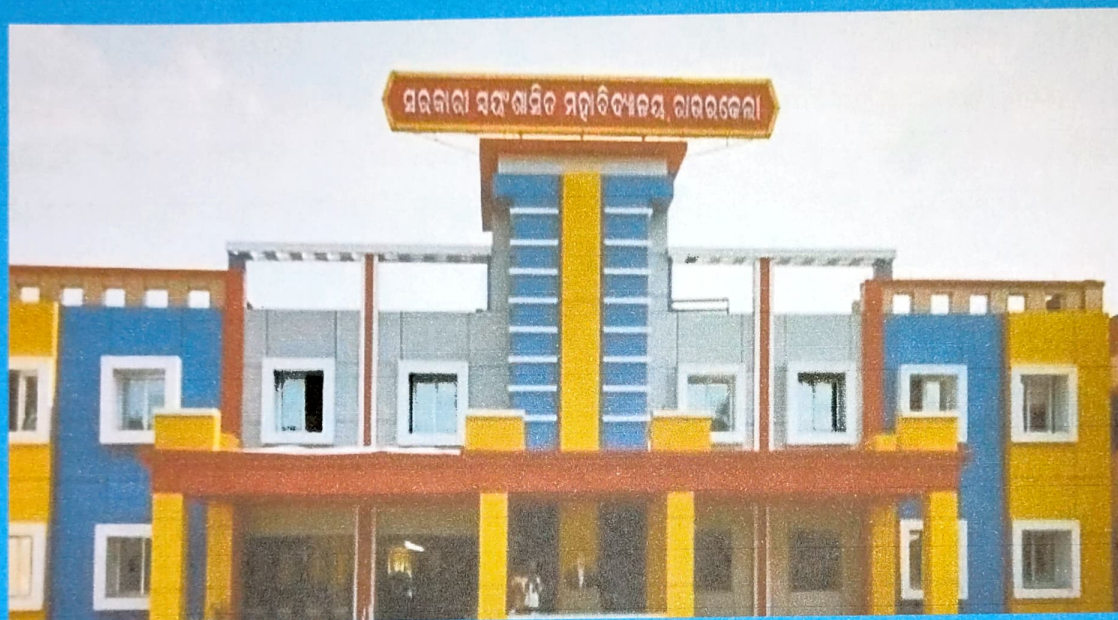
SUBMITTED BY

SALIM KHAN

19PMAT01

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. RABINDRA NATH ROUT

Govt. Autonomous college, Rourkela

A PROJECT ON THE COMPLETE STUDY OF CALCULUS OF RESIDUES.

2019-2021

SUBMITTED By

NITA KUMARI RAY

19PMAT02

DEPT.OF MATHEMATICS

UNDER THE GUIDANCE OF

MRS. SUPRIYA SAMAL

Government Autonomous college, Rourkela

STUDY OF ORTHOGONALITY

& LEAST SQUARE

Dissertation

Submitted in partial fulfilment of the requirements

for the degree of Master of Science (Mathematics)

2021

Under the guidance & supervision of

Mr. Rabindranath Rout

(Department Of mathematics)

By

Babli Patel

Roll No – 19PMAT03

PROJECT ON

INTERPOLATION & THEIR

ERROR CALCULATION

SESSION: 2019-2021

GUIDED BY
Mrs. SUPRIYA SAMAL
Department of mathematics
Govt .Autonomous College
Panposh, Rourkela

SUBMITTED BY:
MEHROZE HASSAN
Math(Hons.)/Science
Roll No.:19 PMAT 04

Govt. Autonomous college, Rourkela

A PROJECT ON BRIEF STUDY OF CONCEPT OF A SURFACE AND ENVELOPES AND DEVELOPABLE

2019-2021

SUBMITTED BY

Preeti Prava Satpathy

19PMAT05

DEPT.OF MATHEMATICS

UNDER THE GUIDANCE OF

MR. RABINDRA NATH ROUT

Govt. Autonomous College, Rourkela

A PROJECT ON CONCEPT OF A SURFACE AND ENVELOPE AND DEVELOPABLE

2019-2021

SUBMITTED BY

POOJA RANI SWAIN

19PMAT06

DEPT.OF MATHEMATICS

UNDER THE GUIDANCE OF

MR. RABINDRA NATH ROUT

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

STUDY OF THEORY OF QUADRATIC RECIPROCITY AND APPLICATIONS TO QUADRATIC CONGRUENCES

2020-21

MSC IN MATHEMATICS

SUBMITTED BY:

TAPAN KUMAR MAHANTA

19PMAT07

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. RABINDRA NATH ROUT

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

A DISSERTATION PROJECT

ON

"Characteristics of Bilinear transformation on Möbius Transformation"

SUBMITTED BY

Shiddharth Sarkar
Roll No: 19PMAT08
(PG 2nd Year)

UNDER THE GUIDANCE OF

Mrs. Supriya Samal

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

STUDY OF THEORY OF QUADRATIC RECIPROCITY AND APPLICATIONS TO QUADRATIC CONGRUENCES

2020-21

MSC IN MATHEMATICS

GULSON MAHANTA

19PMAT09

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. RABINDRA NATH ROUT

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

A DISSERTATION REPORT

2021

POST GRADUATE DEPARTMENT OF

MATHEMATICS

SUBMITTED BY:

PRACHI SMITA JIT

19PMAT10

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. RABINDRA NATH ROUT

GOVERNMENT AUTONOMOUS COLLEGE

ROURKELA

Session : 2019-2021

Post Graduate Department Of Mathematics

A Project On "Study Of Interpolation And Their Error Calculation"

Guided by :

Miss Supriya Samal

Submitted by :

Sangeeta Maity

Roll no : 19PMAT11

(PG 2nd Year)

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

PROJECT REPORT

SUBMITTED TO: -
THE DEPARTMENT OF MATHEMATICS
GOVT. AUTONOMOUS COLLEGE, ROURKELA

SUBMITTED BY

Monalisa Sahoo

Roll No: 19PMAT12
(PG 2nd Year)

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA,ODISHA
(Department of mathematics)

Govt. Autonomous college, Rourkela

A PROJECT ON THE COMPLETE STUDY OF CALCULUS OF RESIDUES.

2019-2021

SUBMITTED By   UNDER THE GUIDANCE OF

DEEPAK CHOUDHARY   MRS. SUPRIYA SAMAL

19PMAT13

DEPT.OF MATHEMATICS

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

A DISSERTATION PROJECT ON

"Characteristics of Bilinear transformation on Möbius transformation"

SUBMITTED BY

Tuni Pradhan
Roll No: 19PMAT14
(PG 2nd Year)

UNDER THE GUIDANCE OF

Mrs. Supriya Samal

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

Department of Mathematics

A DISSERTATION PROJECT

ON

"CHARACTERISTICS OF CONTINUOUS FUNCTION AND UNIFORM CONTINUITY"

SUBMITTED BY

ROJALIN BEHERA

ROLL NO:-19PMAT15(PG 2nd year)

Under the guidance of

Mr.Alok Kumar Patel

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

A DISSERTATION PROJECT ON

" Characteristics of Bilinear transformation on Möbius Transformation "

SUBMITTED BY

Amarajit Sahoo
Roll No: 19PMAT16
(PG 2ⁿᵈ Year)

UNDER THE GUIDANCE OF

Mrs. Supriya Samal

PROJECT ON MEAN VALUE THEOREMS

AND L-HOSPITALS RULE FOR

INDETERMINATE FORMS

2019-2021

SUBMITTED BY:

Ipsita Nath

19PMAT17

MATHEMATICS

GUIDED BY:

Mr R.Rout

Alok Kumar Patel

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

PROJECT ON MEAN VALUE THEOREM

AND

L'HOSPITAL RULE FOR INDETERMINANTE FORMS

SESSION :-(2019-2021)

SUBMITTED BY:-

Chandrabati Mahato

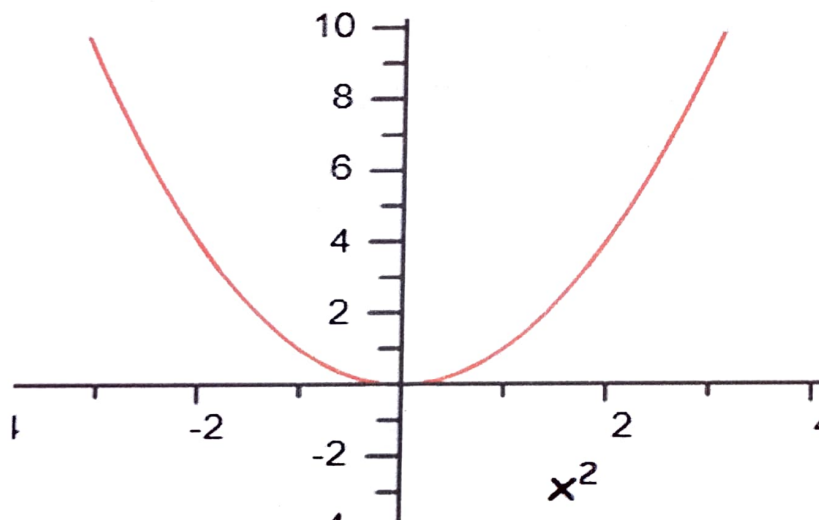Roll no:-19PMAT18

Mathematics (Science)

GUIDED BY:-

Rabindra Nath Rout

Ajay Kumar Behera

PROJECT ON

CHARACTERISTICS OF CONTINUOUS FUNCTION AND UNIFORM CONTINUITY

x^2

DONE BY:-

MADHUSMITA GARDIA

Roll no:- 19PMAT19

Mathematics (Hons)

PG 2ND YEAR

GUIDED BY:-

MR. ALOK KUMAR PATEL

Head of the department &Guide

GovernmentAutonomous College

Rourkela-769004,Odisha

Govt. Autonomous college, Rourkela

A PROJECT ON THE COMPLETE STUDY OF CALCULUS OF RESIDUES.

2019-2021

SUBMITTED By

SASMITA BEHERA

19PMAT20

DEPT.OF MATHEMATICS

UNDER THE GUIDANCE OF

MRS. SUPRIYA SAMAL

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

A STUDY OF ORTHOGONALITY AND LEAST SQUARES (2021)

POST GRADUATE DEPARTMENT OF MATHEMATICS

SUBMITTED BY:
ALIVA JYOTI PATEL

ROLL NO: 19PMAT21
YEAR: FINAL YEAR

UNDER THE SUPERVISION OF
MR. RABINDRA NATH ROUT

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

A DISSERTATION REPORT

2021

POST GRADUATE DEPARTMENT OF MATHEMATICS

SUBMITTED BY:

SUJIT TANDIA

19PMAT22

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. ALOK KUMAR PATEL

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

PROJECT REPORT

SUBMITTED TO: -

THE DEPARTMENT OF MATHEMATICS
GOVT. AUTONOMOUS COLLEGE, ROURKELA

SUBMITTED BY

Subhendu Akash Majhi

Roll No: 19PMAT23
(PG 2nd Year)

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA, ODISHA
(Department of mathematics)

GOVERNMENT AUTONOMOUS COLLEGE

ROURKELA

POST GRADUATE DEPARTMENT OF MATHEMATICS

A DISSERTATION REPORT ON

"STUDY OF PRIMITIVE ROOTS AND APPLICATIONS"

SESSION-2019-2021

SUBMITTED BY:

ADITYA LAKRA

19PMAT24

PG SECOND YEAR

UNDER THE GUIDANCE OF

MR. ALOK KUMAR PATEL

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

A DISSERTATION REPORT

2021

POST GRADUATE DEPARTMENT OF MATHEMATICS

SUBMITTED BY:

SONAL KISPOTTA

19PMAT25

PG SECOND YEAR

UNDER THE GUIDANCE:

MR. ALOK KUMAR PATEL

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

POST GRADUATE IN MATHEMATICS

A Project on the Topic

STUDY OF INTERPOLATION AND THEIR ERROR CALCULATION

UNDER THE GUIDANCE OF

MISS. SUPRIYA SAMAL

SUBMITTED BY:

SUDHA   KANDULNA

ROLL- 19 PMAT 26

GOVERNMENT AUTONOMOUS COLLEGE,

ROURKELA

POST GRADUATE IN MATHEMATICS

A Project on the Topic

STUDY OF PRIMITIVE ROOTS

AND APPLICATION

UNDER THE GUIDANCE OF

Mr. ALOK KUMAR PATEL

(H.O.D)

SUBMITTED BY:

SUMAN KUMAR TUDU

ROLL- 19 PMAT 28

GOVERNMENT AUTONOMOUS COLLEGE

PROJECT ON MEAN VALUE THEOREM

AND

L'HOSPITAL RULE FOR INDETERMINATE FORMS

2019-2021

MSC IN MATHEMATICS

SUBMITTED BY-

Rupali Mohapatra

PMAT29

ATHMATICS (PG 2^(nd) Year)

GUIDED BY-

Mr. Rabindra Nath Rout

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA

POST GRADUATE DEPARTMENT OF
MATHEMATICS

PROJECT REPORT

SUBMITTED TO: -

THE DEPARTMENT OF MATHEMATICS

GOVT. AUTONOMOUS COLLEGE, ROURKELA

SUBMITTED BY

Dibya Ranjan Sahoo

Roll No: 19PMAT30
(PG 2nd Year)

GOVERNMENT AUTONOMOUS COLLEGE
ROURKELA, ODISHA
(Department of mathematics)

GOVERNMENT AUTONOMOUS COLLEGE ROURKELA

Department of Mathematics

A DISSERTATION PROJECT

ON

"CHARACTERISTICS OF CONTINUOUS FUNCTION AND UNIFORM CONTINUITY"

SUBMITTED BY

SMITANJALI PATEL

ROLL NO:-19PMAT31(PG 2nd year)

Under the guidance of

Mr.Alok Kumar Patel

Govt. Autonomous college, Rourkela

A PROJECT ON BRIEF STUDY OF CONCEPT OF A SURFACE AND ENVELOPES AND DEVELOPABLE

2019-2021

SUBMITTED BY   UNDER THE GUIDANCE OF

Radharani Panigrahi   MR. RABINDRA NATH ROUT

19PMAT32

DEPT.OF MATHEMATICS