

# NUCLEAR MODELS

A Project submitted to



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of  
**MASTER OF SCIENCE**  
**IN**  
**PHYSICS**

**SUBMITTED TO:**

SUPERVISOR

**DR. SEEMA TEOTIA**

HEAD-DEPARTMENT OF PHYSICS

DEPARTMENT OF PHYSICS

GOVT. RAZA P.G. COLLEGE

RAMPUR- 244901

**SUBMITTED BY:**

**AFFAN NABI**

M.Sc. Final (Physics)

ROLL NO:- 228024030080

**2022 - 2023**

**FUNDAMENTAL INTERACTIONS BETWEEN PARTICLES**

A Project submitted to



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**(ROLL NO: 228024030079)**



**SUBMITTED TO:**

**SUBMITTED BY:**

SUPERVISOR -

**DR. SEEMA TEOTIA**

**ABAD HUSSAIN**

**Head**

**M.Sc. Final (Physics)**

**DEPARTMENT OF PHYSICS**

**ROLL NO:- 228024030079**

**GOVT. RAZA P.G. COLLEGE RAMPUR- 244901**

# A STUDY OF OPERATIONAL AMPLIFIERS

**A Project Submitted to**



महात्मा ज्योतिबा फुले  
उद्देलखण्ड विश्वविद्यालय, वरंली

**For the Award of the degree of**

**MASTERS OF SCIENCE**

IN

**PHYSICS**



**2023**

**Submitted by :**

**ARVIND KUMAR SINGH**

*M. Sc. Final [PHYSICS]*

Roll No.: 228024030081

**SUPERVISOR**

**DR. SUMANLATA MADAM**

**ASSISTANT PROFESSOR**

**Department of Physics**

**Govt. Raza P.G. College Rampur U.P**

# GEIGER MULLER COUNTER

*A Project Submitted*

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

*For the Award of the degree of*

MASTER OF SCIENCE

IN

PHYSICS

By

ARISHA

(ROLL NO: 228024030061)

**SUPERVISOR**

**Dr. Suman Lata**  
Assistant Professor  
Department Of Physics  
Govt. Raza PG College

Rampur-244901



**NAME - ARISHA**  
**M.Sc. Final (Physics)**  
Roll no.- 228024030061

**2023**

# Synthesis of Nanoparticles

A Project Submitted

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of  
MASTER OF SCIENCE

IN

PHYSICS

By

Pallavi Solanki



**SUPERVISOR**

**Dr. Raju**

Assistant Professor  
Department Of Physics

Govt. Raza PG College  
Rampur-244901

2023

**Pallavi Solanki**

M.Sc.Final (Physics)

Roll No - 228024030074

**A STUDY OF COUNTER**

**A Project Submitted**

**To**



**महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली**

**For the Award of the degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**Monika Shaival**

**(Roll No. 228024030071)**

**SUPERVISOR**

**Dr. Raju**

**Assistant Professor**

**Department Of Physics  
Govt. Raza PG College**

**Rampur-244901**



**Monika Shaival**

**M. Sc .Final (Physics)**

**Roll No. 228024030071**

**2023**

# MICROPROCESSOR

*A Project Submitted*

*To*



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

*For the Award of the degree of*

MASTER OF SCIENCE

IN

PHYSICS

By

KOMAL YADAV

(ROLL NO: 228024030067)

**SUPERVISOR**

**Dr. Raju Sir**  
**Assistant Professor**  
**Department Of Physics**

**Govt. Raza PG College**

**Rampur-244901**



**Miss Komal Yadav**  
**M.Sc. Final (Physics)**  
**Roll No. 228024030067**

**2023**

# NUCLEAR MODEL

A Project Submitted

To



महात्मा ज्योतिबा फुले  
छहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the Degree of

MASTER OF SCIENCE

IN

PHYSICS

BY

**SUPERVISOR**

**Dr. Raju**

**Assistant Professor**

**Department of Physics**

**Govt. Raza PG College**

**Rampur-244901**

**Namrata Shankar**

**M.Sc. Final(Physics)**

**Roll No:- 228024030072**





**Title**

**A STUDY OF SATELLITE COMMUNICATION**

**A Project Submitted**

**To**



**महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली**

**For the Award of the degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**Sangeeta Kuamri**

**(ROLL NO: 228024030076)**

**SUPERVISOR**

**Dr. Brahm Singh**

**Assistant Professor**

**Department Physics  
Govt. Raza PG College**

**Rampur-244901**



**Sangeeta Kumari**

**M.Sc.Final (Physics)**

**Roll No228024030076.**

**2023**

# "NUCLEAR MODELS"

A Project Submitted

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of

**MASTER OF SCIENCE IN PHYSICS**

By

**ROHIT SINGH TOMAR**

(228024030084)



SESSION : 2022-2023

*Rohit Singh*

  
SUPERVISOR

**DR. BRAHM SINGH**  
ASSISTANT PROFESSOR  
GOVT. RAZA P.G COLLEGE , RAMPUR

**ROHIT SINGH TOMAR**  
M.Sc. FINAL (PHYSICS)  
ROLL NO: 228024030084

# OPTICAL FIBER COMMUNICATION

**A Project Submitted**

**To**



**महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली**

**For the Award of the degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**RAJNI**

**(ROLL NO: 228024030075)**

**SUPERVISOR**

**Dr. Bharm Singh**

**Assistant Professor**

**Department Of Physics  
Govt. Raza PG College**

**Rampur-244901**



**M.Sc. Final (Physics)**

**Roll No.- 228024030075**

**2023**

# OPERATIONAL AMPLIFIER

A Project Submitted

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of

MASTER OF SCIENCE

IN

PHYSICS

By

NAME

(ROLL NO:)

SUPERVISOR

BRAHM SINGH

Assistant Professor  
Department Of Physics

Govt. Raza PG College

Rampur-244901



2023

Name:- PRATEEK KUMAR SINGH  
M.Sc.Final (Physics)  
Roll No:- 228024030083.

# NUCLEAR MODELS

A Project submitted to



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of  
**MASTER OF SCIENCE**  
IN  
**PHYSICS**

SUBMITTED TO:

SUPERVISOR  
*Bhauhan*  
DR. RAHUL KUMAR

Assistant Professor

DEPARTMENT OF PHYSICS

GOVT. RAZA P.G. COLLEGE

RAMPUR- 244901

SUBMITTED BY:

SHOAIB RAZA

M.Sc. Final (Physics)

ROLL NO:- 228024030086

2022 - 2023

# A STUDY OF THE NUCLEUS

*A Project Submitted*

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

*For the Award of the degree of*

MASTER OF SCIENCE

IN

PHYSICS

by

SUPERVISOR

*R. Kumbhar*  
Dr. RAHUL KUMAR

Assistant Professor

Department Of Physics

Govt. Raza PG College

Rampur-244901



*Vinod Kumar*  
VINOD KUMAR

M.Sc. Final (Physics)

Roll No. 228024030088

2023

# "OP-AMPLIFER"

A Project submitted to



महात्मा ज्योतिबा फुले  
व्हेलखण्ड विश्वविद्यालय, बरेली

For the Award of the degree of  
**MASTER OF SCIENCE IN  
PHYSICS**

By

**SYED KOKAB AHMED**

**(ROLL NO 228024030087)**

SUBMITTED TO :-

**SUPERVISIOR**

**Dr. Rahul Kumar**

**Assistant Professor**

Department of Physics

Govt. Raza P.G. College

Rampur-244901



SUBMITTED BY :-

**Syed Kokab Ahmed**

**M.Sc. Final Year**

**(Physics)**

**(Roll NO 228024030087)**

**2022-23**

# NEUTRINO OSCILLATION

*A Project Submitted*

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, वरेली

*For the Award of the degree of*

MASTER OF SCIENCE

IN

PHYSICS

By

SUPERVISOR

*R. Chauhan*  
Dr. Rahul Kumar Chauhan

Assistant Professor

Department Of Physics  
Govt. Raza PG College

Rampur-244901



*Shagufta Jabbar*

Shagufta Jabbar  
M.Sc. Final (Physics)

Roll No. 228024030078



**MODULATION AND DEMODULATION**

***A Project Submitted***

***To***



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

***For the Award of the degree of***

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

***Deeksha Saxena***

**(ROLL NO: 228024030062)**

**SUPERVISOR**

***Dr. Mudit Singhal***

***Assistant Professor***

***Department Of Physics***

***Govt. Raza PG College***

***Rampur-244901***



***Deeksha***  
***Deeksha Saxena***

***M.Sc. Final***

***(Physics)***

***Roll No.***

***228024030062***

**2023**

# Different Nuclear Models

A Project Submitted

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, वरेली

For the Award of the degree of  
MASTER OF SCIENCE  
IN  
PHYSICS  
BY  
Khushi Saxena



2023

**SUPERVISOR**

Dr. Mudit singhal  
Assistant Professor

Department Of Physics  
Govt. Raza PG College

Rampur: 244901

*Khushi Saxena*  
8/6/23

Khushi Saxena  
M.Sc. Final ( Physics)

Roll No.- 228024030065

# "SCATTERING THEORY"

*A Project Submitted*

To



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

*For the Award of the degree of*

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

By

**MEHREEN KHAN**

(ROLL NO : 228024030070)

*M.S.*  
*08/06/2023*

**SUPERVISOR**

**Dr. Mudit Singhal**

**Assistant Professor**  
Department of Physics  
Govt. Raza PG College  
Rampur - 244901



*Mehreen Khan*  
*08/06/23*  
**Submitted By :**

**Mehreen Khan**  
**M.Sc. Final (Physics)**  
(ROLL NO : 228024030070)  
Govt. Raza PG College  
Rampur - 244901

# PROJECT REPORT ON PHYSICS

**TOPIC:**

## **RADAR SYSTEMS AND ITS APPLICATIONS**

### **OBJECTIVES**

1. To learn Radar Fundamentals like Radar Equation, Operating frequencies & Applications.
2. To understand the basic concepts of different types of Radars for surveillance & Tracking.
3. To know the various types of tracking techniques involved.
4. To understand Radar Receivers, MTI filters, displays and antennas.

**SUPERVISOR BY:**

**DR. MUDIT SINGHAL**  
(Assistant Professor)

**SUBMITTED BY:**

**ADITI SHUKLA**  
**M.Sc. 2<sup>nd</sup> Year**  
**PHYSICS**

Roll no. : 228024030066

**Year: 2022-2023**

**GOVT. RAZA POST GRADUATE COLLEGE,  
RAMPUR**

**Affiliated to M.J.P Rohilkhand  
University, Bareilly**

**Title**

**"Common Emitter Transistor"**

**A Project Submitted**

**To :- Dr.Mudhit Singhal**



**महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली**

**For the Award of the degree of**

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**By**

**NAME : Ishika Gupta**

**(ROLL NO:) 228024030064**

**SUPERVISOR**

**Dr.Mudhit Singhal**

**Assistant Professor**

**Department Of Physics**

**Govt. Raza PG College**

**Rampur-244901**



**Name :- Ishika Gupta**

**M.Sc.Final (Physics)**

**Roll No 228024030064**

**2023**

**Mahatma Jyotiba Phule Rohilkhand University,  
Bareilly  
(A State University)**



**NEW REVISED SYLLABUS  
FOR POST-GRADUATION IN MATHEMATICS  
ACCORDING TO THE NEP PG ORDINANCE**

**M. J. P. ROHILKHAND UNIVERSITY,  
BAREILLY**

**TO BE IMPLEMENTED WITH EFFECT  
FROM THE ACADEMIC YEAR 2022 - 2023**

**SEMESTER-II****Total Credits: 26 (CC: 14, DCEC: 08, MEC: 04)**

Sr. No.	Course Code	Course name	Total Credits
7	MATHCC0421	Advanced Complex Analysis	4
8	MATHCC0422	Topology	4
9	MATHCC0423	Project/ Dissertation /Survey/Industrial training and viva-voce	6
<b>Discipline Centric Elective Courses</b>			
10	MATHDCEC0424	MOOC/DCEC	4
11	MATHDCEC0425	MOOC/DCEC	4

**Discipline Centric Elective Courses for M.Sc. (Mathematics)**

(Students will choose any two papers)

Course Code	Course name	Total Credits
MATHDCEC0424&425A	Advanced Discrete Mathematics	4
MATHDCEC0424&425B	Differential Geometry	4
MATHDCEC0424&425C	Advanced Abstract Algebra	4

**Minor Elective Course**

12	MATHMEC0426	MOOC/MEC	4
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**Minor Elective Courses for M.Sc. (Mathematics)**

(Students will choose any one paper.)

Course Code	Course name	Total Credits
MATHMEC0426A	Mathematical Modelling	4
MATHMEC0426B	Number Theory	4

**SEMESTER-III****Total Credits: 26 (CC: 18, DCEC: 4, MEC: 4)**

Sr. No.	Course Code	Course name	Total Credits
13	MATHCC0431	Partial Differential Equation with Applications	4
14	MATHCC0432	Operation Research	4
15	MATHCC0433	Functional Analysis	4
16	MATHCC0434	Seminar Presentation and Viva-Voce	6
<b>Discipline Centric Elective Courses</b>			
17	MATHDCEC0435	MOOC/DCEC	4

**GOVT. RAZA P.G COLLEGE RAMPUR**



**SESSION - (2022 - 23)**

**Subjects :- MATHEMATICS**

**Topic :- Jensen's Inequality**

**SUBMITTED TO:**

**DR. SHAIENDRA KUMAR**

**SUBMITTED BY:**

**SANIA WASEEM**

**M.Sc (Mathematics)**

**2<sup>nd</sup> Semester**

**Roll No -239114030079**





MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY, BAREILLY

GOVT. RAZA POST GRADUATE COLLEGE,  
RAMPUR (U.P.)

# MATHEMATICS PROJECT

## 2023

M.Sc. Mathematics (Second Semester)

## DEPARTMENT OF MATHEMATICS

TOPIC: TAYLOR POLYNOMIALS AND TAYLOR SERIES

SUMMITTED TO:  
DR. SHAIENDRA KUMAR

SUBMITTED BY:  
HUJAIF  
FATHER NAME: MR. AKBAR ALI  
ROLL NO. 239114030086  
M.Sc. IInd Sem.

Mahatma Jyotiba Phule Rohilkhand University Bareilly

Government Raza PG College,

Rampur



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

Session – 2022-2023

MATHMATICS PROJECT

TOPIC -LOGIC

Submitted to

DR SHAILENDRA KUMAR  
DEPT. OF MATHEMATICS

Submitted by – RAKHI GANGWAR

Father name – HARISH GANGWAR

Roll no :239114030077

Class – Msc 2.semester



MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY, BAREILLY

GOVT. RAZA POST GRADUATE COLLEGE,  
RAMPUR (U.P.)

# MATHEMATICS PROJECT

## 2023

M.Sc. Mathematics (Second Semester)

## DEPARTMENT OF MATHEMATICS

TOPIC: LAURENT SERIES EXPANSION AND ITS APPLICATIONS

SUMMITTED TO:  
DR. SHAILENDRA KUMAR

SUBMITTED BY:  
REHAN ALI  
FATHER NAME: MR. NAYAB ALI  
ROLL NO. 239114030091

**GOVT. RAZA P.G COLLEGE RAMPUR**



**SESSION - (2022 - 23)**

**Subjects :- MATHEMATICS**

**Topic :- Laurent Series And Singularities**

**SUBMITTED TO:**

**DR. SHAIENDRA KUMAR**

**SUBMITTED BY:**

**PUSHPENDRA**

**M.Sc (Mathematics)**

**2<sup>nd</sup> Semester**

**Roll No -239114030090**

**Mahatma Jyotiba Phule Rohilkhand University Bareilly**  
**Govt. Raza PG College Rampur**



**SESSION :- 2022-23**

**MATHMATICS PROJECT**

**TOPIC:-ANALYTIC FUNCTION**

**Submitted TO:-**  
**Dr.SHAILENDRA KUMAR**

**Submitted By:-Samiya**  
**Father Name :-Nabi Ahmad**  
**Roll No.239114030078**  
**Class :-M.Sc -2 Sem.**

Mahatma Jyotiba Phule Rohilkhand University Bareilly

**Government Raza P.G. College ,  
Rampur**



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली  
Session- 2022-2023

**MATHEMATICS PROJECT**

**TOPIC – LATTICES AND ITS TYPES**

**Submitted to -**

**Dr. Shailendra Kumar**

(Department of Mathematics)

**Submitted by –**

**Priya Gangwar**

Roll no.-239114030075

Class- M.sc. 2 semester

Father name – Pramod

Kumar gangwar

# GOVT. RAZA P.G COLLEGE RAMPUR



**SESSION - (2022 - 23)**

**Subjects :- MATHEMATICS**

**Topic :- Jensen's Inequality**

**SUBMITTED TO:**

**DR. SHAIENDRA KUMAR**

**SUBMITTED BY:**

**ALOK KUMAR SINGH**

**M.Sc (Mathematics)**

**2<sup>nd</sup> Semester**

**Roll No. 239114030083**

Mahatma Jyotiba Phule Rohilkhand University Bareilly

Government Raza PG

College, Rampur



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली  
Session-2022-2023

**MATHEMATICS PROJECT**

**TOPIC – SIMPLIFY THE BOOLEAN FUNCTION  
USING KARNAUGH MAP ( k- map)**

Submitted to

DR. SHAILENDRA KUMAR  
DEPT. OF MATHEMATICS

*Submitted by – Himani Joshi*

*Father name – Shekhar Chandra*

*Joshi*

*Roll no.- 239114030070*

*Class- M.sc. 2 semester*



MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY

GOVT. RAZA P.G.COLLEGE



RAMPUR

SESSION:- 2022-23

MATHEMATICS PROJECT

TOPIC- BOOLEAN ALGEBRA &  
LOGIC GATES

**SUBMITTED TO**

DR. SHAIENDRA KUMAR

(DEPARTMENT OF MATHEMATICS)

**SUBMITTED BY**

APARNA SAROJ

FATHER NAME- MAHENDER KUMAR SAROJ

ROLL NO- 239114030067

CLASS-M.Sc. (II<sup>ND</sup> SEM)

Mahatma Jyotiba Phule Rohilkhand University  
Bareilly

Government Raza PG College,

Rampur



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली  
Session- 2022-2023

MATHEMATICS PROJECT  
TOPIC-CONGRUENCE

Submitted to  
DR. SHAIENDRA KUMAR  
DEPT. OF MATHEMATICS

*Submitted by - Shaily Sharma*  
*Father name - Narendra Sharma*  
*Roll no. - 239114030080*  
*Class- M.sc. 2 semester*

**Mahatma Jyotiba Phule Rohilkhand University Bareilly**

**GOVERNMENT RAZA PG COLLEGE, RAMPUR**



SESSION : 2022-23

MATHEMATICS PROJECT

TOPIC- DIVISIBILITY – NUMBER THEORY

**SUBMITTED TO – DR. SHALENDRA KUMAR**

**SUBMITTED BY – MR. PANKAJ KUMAR**

**FATHER'S NAME – MR. BHOOKAN LAL**

**ROLL NO. – 239114030089**

**CLASS – M.Sc. 2 Semester**

# GOVT. RAZA P.G COLLEGE RAMPUR



**SESSION - (2022 - 23)**

**Subjects:-MATHEMATICS**

**Topic:-Jensen's Inequality**

**SUBMITTED TO:**

**DR. SHAIENDRA KUMAR**

**SUBMITTED BY:**

**Arsalan Ali**

**M.Sc. (Mathematics)**

**2<sup>nd</sup> Semester**

**Roll No- 239114030084**



MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY, BAREILLY

GOVT. RAZA POST GRADUATE COLLEGE,  
RAMPUR (U.P.)

# MATHEMATICS PROJECT

## 2023

M.Sc. Mathematics (Second Semester)

## DEPARTMENT OF MATHEMATICS

TOPIC: Calculus Of Complex Functions.  
Laurent Series And Residue Theorem

SUMMITTED TO:

DR. SHAILENDRA KUMAR

SUBMITTED BY:

AKSHAY KUMAR

FATHER NAME: MR MANGAL SEN

ROLL NO. 239114030082

**Govt. Raza Post Graduate College, Rampur.**



**SESSION : 2022-23**

**Topic: DIVISIBILITY.**

**NAME:- ASHRA**

**ADMISSION NO:- 2542**

**FATHER'S NAME:- MR. AYYUB KHAN**

**CLASS:- M.SC MATHS. (2<sup>ND</sup> SEMESTER)**

**SUBMITTED TO:- DR. SHAIENDRA KUMAR**

ROLL No. 239114030068  
DEPT. OF MATHEMATICS



महात्मा ज्योतिबा फुले  
रुहेलखण्ड विश्वविद्यालय, बरेली

**Name-Bhoomi Agarwal.**

**Father's Name-Mr. Ambrish Chandra Agarwal.**

**Subject-Mathematics**

**Roll no.-239114030069**

**Adm. No.-2536**

**PROJECT TOPIC:BOOLEAN ALGEBRA  
SESSION : 2022-23**

**Submitted To:-**

**Dr. Shailendra Kumar**

**Department of Mathematics**

**Govt Raza P.G. College Rampur**

**Submitted By:-**

**Bhoomi Agarwal**

**M.sc Semester II**



# Lattice Theory

**GOVT. RAZA POST  
GRADUATE COLLEGE,  
RAMPUR**

NAME : HIRA KHAN  
ROLL NO : 239114030071  
ADMISSION NO. : 2930  
SESSION : 2022-23  
FATHER'S NAME : MR. FURKAN KHAN  
CLASS : M.SC. MATHS ( 2<sup>ND</sup> SEMESTER)  
SUBMITTED TO : DR. SHAILENDRA KUMAR



**M.J.P. ROHILKHAND UNIVERSITY BAREILLY**

**GOVT. RAZA P.G. COLLEGE**  
**RAMPUR**



**SUBJECT**  
**MATHEMATICS**

TOPIC - LOGIC

NAME : FAZIL KHAN  
FATHER'S NAME : Mr. SAFDAR KHAN  
CLASS : M.Sc (2<sup>nd</sup> Sem.)  
ROLL NO : 239114030085  
SESSION : 2022-23

SUBMITTED TO  
**DR. SHAILENDRA KUMAR**  
(DEPARTMENT OF MATHEMATICS)

SUBMITTED BY  
**FAZIL KHAN**

NAME = RITIK GUPTA

SUBJECT = MATHEMATICS

CLASS = [M.Sc. - II Sem.]

TOPIC = RESIDUE  
THEOREM

FATHER NAME = Mr. RAJEEV  
Gupta

SESSION : 2022-23

GOVT. RAZA PG COLLEGE RAMPUR (U.P.)



# PRACTICAL FILE

## MATHEMATICS

SESSION : 2022-23

NAME:- MOHAMMAD FAIZAN

ROLL NO.:- 239114030087

CLASS:- M.SC II SEMESTER

TEACHER SIGNATURE:-

SUBMITTED TO: DR. SHAILENDRA KUMAR  
Dept. of Mathematics

M.J.P. ROHILKHAND UNIVERSITY BAREILLY

GOVT. RAZA P.G. COLLEGE  
RAMPUR



SUBJECT  
MATHEMATICS

TOPIC - LOGIC

NAME : ABHISHEK KUMAR

FATHER'S NAME : Mr. MAHENDRA SINGH

CLASS : M.Sc (2<sup>nd</sup> Sem.)

ROLL NO : 239114030081

SESSION : 2022-23

SUBMITTED TO  
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(DEPARTMENT OF MATHEMATICS)

SUBMITTED BY  
ABHISHEK KUMAR

GOVT. RAZA POST GRADUATE COLLEGE,  
RAMPUR (U.P.)

DEPARTMENT OF MATHEMATICS

M. Sc. Mathematics (Second Semester)

# MATHEMATICS — PROJECT

TOPIC: LAURENT SERIES AND  
SINGULARITIES

SESSION : 2022-23

SUBMITTED BY:

Dr SHALLENDRA KUMAR

NAME- NAVED

FATHER NAME- MR. ASHRAF ALI

ADMISSION NO.- 2778

ROLL NO. 239114030088

# **Topic: Ornamental Plants Of Rampur**

**A survey report submitted to Department of  
Botany Govt. Raza P.G. College , Rampur for the  
partial fulfillment of M.Sc. Botany Semester 1st  
(2022-23)**



**Submitted by:  
Aina Tarveer  
M.sc. Botany  
Sem 1  
Roll no: 239114030003**

**Under the Supervision of  
Dr.Hitendar Kumar Singh  
(H.O.D) Botany  
Department  
Govt.Raza P.G. College  
Rampur**

# A MEDICINAL PLANTS OF RAMPUR

A

## Survey Report

Submitted To

Department Of Botany,

Govt. Raza P.G. College Rampur,

For the Partial fulfilment of

M.Sc. Botany 1<sup>st</sup> Semester

(2022-23)



**Submitted by :**

AMBREEN KHAN

M. Sc BOTANY Sem. 1

Roll No. 239114030005

**UNDER SUPERVISION**

Dr. HITENDRA KUMAR SINGH (H.O.D)

DEPARTMENT OF BOTANY

Govt. Raza P.G College RAMPUR

Topic:-

# MEDICINAL PLANTS

*A survey report submitted to  
Department of Botany  
Govt Raza P.G College, Rampur*



Submitted by:  
Afsah Afreen  
Msc Botany Sem-I  
Roll no.279114030002

Under the supervision of  
Dr. Hitendra kumar Singh  
Assistant professor  
Department of Botany  
Govt. Raza P.G College, Rampur



①

# WILD HERBS

## A

### Survey Report

### Submitted to

### Department of Botany,

### Govt. Raza P.G. College Rampur,

### for the Partial fulfillment of

### M.Sc. Botany I<sup>st</sup> Semester

### (2022-23)



Submitted by

Abhika Singh

Roll No. 239114030001

Under the Supervision

Dr. Hitendra Kumar Singh

(H.O.D.), Department of Botany

Govt. Raza P.G. College Rampu

①

# WILD HERBS

## A

### Survey Report

Submitted to

Department of Botany,

**Govt. Raza P.G. College Rampur,**

for the Partial fulfillment of

M.Sc. Botany I<sup>st</sup> Semester

**(2022-23)**



Submitted by

**Abhika Singh**

Roll No. 239114030001

Under the Supervision

**Dr. Hitendra Kumar Singh**

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Govt. Raza P.G. College Rampur

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# MEDICINAL PLANTS

A

Survey Report

Submitted to

Department of Botany,

Govt. Raza P.G. College Rampur,

for the Partial fulfillment of

M.Sc. Botany I<sup>st</sup> Semester

(2022-23)



Submitted by

Anamta Sifat

Roll No. 239114030028

Under the Supervision

Dr. Durgesh Singh Yadav

(Department of Botany)

Govt. Raza P.G. College Rampur

# ORNAMENTAL HERB'S OF RAMPUR

A SURVEY REPORT

SUBMITTED TO

DEPARTMENT OF BOTANY

GOVT RAZA P.G COLLEGE RAMPUR

For the partial fulfillment of

MSc Botany

Sem- 1st (2022-23)



Submitted by :

Fiza Noor

M.Sc Ist Sem

Roll No. :- 239114030013

Under the supervision

Asst. Prof. Dr. Pratibha Mam

Department of Botany

Govt Raza PG College Rampur

# Govt Raza P.G College Rampur

**Session:-2022-2023**

**M.sc 1SEMESTER**



## **A SURVEY REPORT**

Submitted To:-

Dr.DEEPMALA

Submitted By:-

NAME- SONU

# TOPIC

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## Shrubs and trees (ANGIOSPERM) OF RAMPUR (U.P.)

A

Survey Report

Submitted to

Department of Botany, Govt Raza

P.G. College, Rampur

For the partial fulfillment of

M.Sc. Botany Sem I (2022-23)



**Submitted by:**

Almaas Athar  
M.Sc. Botany Sem I  
Roll No. 239114030004

**Under the Supervision of:**

Dr. Deepmala Mam  
Assistant Professor  
Department of Botany  
Govt. Raza P.G. College  
Rampur

ORNAMENTAL PLANTS

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A

Survey report

Submitted to

Department of Botony

Govt Raza P.G college Rampur

For the partial fulfillment of M.sc Botony

Sem 1 (2022-23)



Submitted By

Bushra irfan

M.sc Botony sem1

Roll no:-239114030009

Under the supervision

Assistant prof. DR HITENDRA SIR

Department of Botony .

Govt raza P.G college rampur

# SHRUBS OF RAMPUR

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## A SURVEY REPORT

SUBMITTED TO

DEPARTMENT OF BOTANY

GOVT RAZA P.G COLLEGE RAMPUR

For the partial fulfillment of

MSc Botany

Sem- Ist (2022-23)



Submitted by :

Fiza Qamar

M.Sc Ist Sem

Roll No. :- 239114030015

Under the supervision

Asst. Prof. Dr. Pratibha Mam

Department of Botany

Govt Raza PG College Rampur



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**TOPIC**

**SHRUBS AND TREES (ANGIOSPERM)  
OF RAMPUR**

**A**

**SURVEY REPORT**

**SUBMITTED TO**

**DEPARTMENT OF BOTANY**

**GOVT. RAZA P.G COLLEGE RAMPUR**

**FOR THE PARTIAL FULFILMENT OF MSC BOTANY SEM I  
2022-23**



**SUBMITTED BY  
HEMLATA VERMA**

**MSC BOTANY SEM I**

**ROLL NO - 239114030016**

**UNDER THE SUPERVISION OF  
DR. HITENDRA KUMAR SINGH SIR  
DEP. OF BOTANY  
GOVT. RAZA P.G COLLEGE RAMPUR**

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**TOPIC**

**SHRUBS AND TREES (ANGIOSPERM)**

**OF RAMPUR**

**A**

**SURVEY REPORT**

**SUBMITTED TO**

**DEPARTMENT OF BOTANY**

**GOVT. RAZA P.G COLLEGE RAMPUR**

**FOR THE PARTIAL FULFILMENT OF MSC BOTANY SEM I**

**2022-23**



**SUBMITTED BY**

**HIMANSHI KUMARI**

**M.SC BOTANY SEM I**

**ROLL NO - 239114030017**

**UNDER THE SUPERVISION OF**

**DR. HITENDRA KUMAR SINGH SIR**

**DEP. OF BOTANY**

**GOVT. RAZA P.G COLLEGE RAMPUR**



GOVERNMENT RAZA P.G. COLLEGE, RAMPUR

## MEDICINAL PLANTS OF RAMPUR



A SURVEY REPORT

SUBMITTED TO DEPARTMENT OF BOTANY, GOVT. RAZA P.G  
COLLEGE FOR THE PARTIAL FULFILLMENT OF

MASTER OF SCIENCE (BOTANY SEM I)

(2022-23)

Under the supervision of

Dr. Hitendra Kumar Singh

Department of Botany

Government Raza P.G. College,

Rampur- 244901

Submitted by-

Laiba Hasan

M.sc (Botany) I SEM

ROLL NO. 239114030019

**TOPIC**

18

**TREES & SHRUBS OF ANGIOSPERMS**

A Survey Report

Submitted to

Dept. of Botany

Govt Raza P.G. College, Rampur

For the partial fulfillment of

M.Sc Botany 1<sup>st</sup> Sem

Session 2022-23



**Submitted By:-**

**Name:- Mehjabi**

**Roll No:- 239114030021**

**M.Sc Ist Semester**

**Under the supervision of**

**Dr. Hitendra Sir**

**Assistant Professor of Botany**

**Govt. Raza P.G. College Rampur**

# Flora of Rampur

A

Survey Report

Submitted to

Department of Botany,

**Govt. Raza P.G. College Rampur,**

for the Partial fulfillment of

M.Sc. Botany I<sup>st</sup> Semester

(2022-23)



Submitted by

Munisha

Roll No. 239114030023

Under the Supervision

Mrs. Deepmala Singh

(Assistant Professor Department  
of Botany)

Govt. Raza P.G. College Rampur

**GOVT. RAZA P.G.COLLEGE RAMPUR**



**(RAMPUR)**

**SESSION 2023-2024**

**SUBJECT- M.SC BOTANAY 1<sup>ST</sup> SEM**

**Topic- ANGIOSPERMS, GYMNOSPERMS**

**SUBMITTED TO:-**

**Hitender Sir**

**(Asst. Pro.)**

**SUBMITTED BY:-**

**Nazni**

**Roll No. 239114030025**

23

# TOPIC

**TREES OF ANGIOSPERM & GYMNOSPERM**

**A**

**SURVEY REPORT**

**SUBMITTED TO**

**DEPT OF BOTANY**

**GOVT RAZA P.G. COLLEGE, RAMPUR**

**FOR THE PARTICAL FULFILLMENT OG**

**M.SC BOTANY 1<sup>ST</sup> SEM**

**SESSION 2023-24**



**SUBMITTED BY :-**

**NAME:- NISHA**

**ROLL NO:- 239114030026**

**BOTANY**

**M.SC 1<sup>ST</sup> SEMESTER**

**UNDER THE SUPERVISION OF**

**DR HITENDRA SIR**

**ASSISTANT PROFESSOR OF**

**GOVT . RAZA P.G. COLLEGE RAMPUR**



TOPIC

(24)

FLORA OF BILASPUR

A  
SURVEY REPORT

SUBMITTED TO

DEPARTMENT OF BOTANY

Govt Raza P.G. College, Rampur  
For The Partial Fulfilment of  
M.sc Botany Sem I (2022-2023)



Submitted by  
Name- Raazda  
Class- Msc (Bot) I Sem  
Roll no- 239114030027

Under the Supervision  
of- Mr Hitenendra Sir  
- Assit prof Dept of Bot  
Govt Raza P.G. College

# WILD HERBS

## A

Survey Report

Submitted to

Department of Botany,

Govt. Raza P.G. College Rampur,

for the Partial fulfillment of

M.Sc. Botany I<sup>st</sup> Semester

(2022-23)



Submitted by

Salauni Devi

Roll No. 239114030028

Under the Supervision

Dr. Hitendra Kumar Singh

(H.O.D.), Department of Botany

Govt. Raza P.G. College Rampur

**TREES OF RAMPUR**  
**(ANGIOSPERM + GYMNOSPEMS)**

**A**  
**SURVEY REPORT**

**SUBMITTED TO**  
**DEPARTMENT OF BOTANY**  
**GOVT RAZA P G COLLEGE RAMPUR**  
**FOR THE PARTIAL FULLFILLMENT OF MSC BOTANY SEM I**  
**(2022-23)**



**SUBMITTED BY**  
SANJEEVANI PRABHA  
MSC BOTANY SEM I  
ROLL NO - 239114030029

**UNDER THE SUPERVISION**  
DR. HITEN SIR  
DEPARTMENT OF BOTANY  
GOVT RAZA P G COLLEGE  
RAMPUR

**TOPIC**

**SHRUBS**

**OF RAMPUR**

**A**

**SURVEY REPORT**

**SUBMITTED TO**

**DEPARTMENT OF BOTANY**

**GOVT. RAZA P.G COLLEGE RAMPUR**

**FOR THE PARTIAL FULFILMENT OF MSC BOTANY SEM I**

**2022-23**



**SUBMITTED BY**

**UMA YADAV**

**M.SC BOTANY SEM I**

**ROLL NO - 239114030031**

**UNDER THE SUPERVISION OF**

**DR. HITENDRA KUMAR SINGH SIR**

**DEP. OF BOTANY**

**GOVT. RAZA P.G COLLEGE RAMPUR**

**Topic****Trees of Angiosperms & Gymnosperms****A****Survey Report****Submitted to****Dept. of Botany****Govt Raza P.G. College, Rampur****For the partial fulfilment of****M.Sc Botany 1<sup>st</sup> Sem****Session 2022-23****Submitted By:-****Name:- Zahida Bi****Roll No.:- 239114030033****M.Sc 1st Semester****Under the supervision of****Dr. Deepmala Ma'am****Assistant Proff. of Botany****Govt. Raza P.G. College****Rampur**

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TOPIC: MEDICINAL PLANTS

A

SURVEY REPORT

SUBMITTED TO

DEPARTMENT OF BOTANY, GOVT. RAZA P.G. COLLEGE, RAMPUR  
FOR THE PARTIAL FULLFILL MENT OF M.SC (BOTANY) SEM 1 (2022-23)



SUBMITTED BY

SHAHWAR SIDDIQUI

M.SC BOTANY SEM 1

ROLL NO : 239114030030

UNDER THE SUPERVISION OF

DR HITENDRA KUMAR SINGH

ASSISTANT PROFESSOR

DEPARTMENT OF BOTANY

GOVT. RAZA P.G. COLLEGE

# FLORA OF RAMPUR

(Herbs Shrubs Trees)

## A SURVEY REPORT

SUBMITTED TO THE DEPARTMENT OF BOTANY,  
GOVERNMENT RAZA P.G. COLLEGE RAMPUR  
FOR THE PARTIAL FULFILLMENT OF  
MASTER OF SCIENCE BOTANY - SEM I

Session:-2022-2023



**SUBMITTED BY**  
Deepak Srivastava  
M.Sc. Botany - Sem I  
R.No. 239114030035

**UNDER THE SUPERVISION OF**  
Dr. Hitendra Kumar Singh  
Head of the Department of Botany,  
Government Raza P.G. College,  
Rampur- 244901

# WILD HERBS

A SURVEY REPORT

SUBMITTED TO

DEPARTMENT OF BOTANY

**GOVT RAZA PG COLLEGE RMP**

FOR THE PARTIAL FULFILLMENT OF

M.SC BOTANY 1<sup>ST</sup> SEMESTER

(2022-2023)



SUBMITTED BY

**MOHD ANAS**

ROLL NO 239114030036

UNDER THE SUPERVISION

**DR HITENDRA KUMAR SINGH**

(H.O.D )

DEPARTMENT OF BOTANY

GOVT RAZA PG COLLEGE

RMP



# रामलीला पब्लिक इंटर कॉलेज

कोसी मंदिर मार्ग, रामपुर (उ० प्र०) फोन: 0595-2326305

①

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1	BEd 1	AANCHAL	SURENDRA SINGH
2	BEd 1	ABDUL SAMAD	ALE HASAN
3	BEd 1	Akhlesh Kumar	Vijay Singh
4	BEd 1	Anil kumar	Jagat singh
5	BEd 1	ARVIND YADAV	NEPAL SINGH YADAV
6	BEd 1	AZEEM AHMAD	ATEEQ AHMAD
7	BEd 1	CHAMAN SINGH	RAM AVTAR
8	BEd 1	DEEPAK KUMAR	VED RAM
9	BEd 1	DEEPAK KUMAR	SUNIL KUMAR
10	BEd 1	DEVESH KUMAR	TULSI RAM
11	BEd 1	FAHEEM AHMAD	MUNABBAR HUSAIN
12	BEd 1	GAURAV KUMAR	TODI SINGH
13	BEd 1	HARVINDAR SINGH	PREM SINGH
14	BEd 1	INDU VERMA	JHMMAN LAL
15	BEd 1	KALPANA SINGH	KAMAL SINGH
16	BEd 1	KAVITA	PHOOL SINGH
17	BEd 1	KAYNAT	JAMEEL KHAN
18	BEd 1	KM PRITI GUPTA	SURESH GUPTA
19	BEd 1	KOMAL KUMAR	DHRAMVEER SINGH
20	BEd 1	KULDEEP SINGH SAINI	JASWANT SINGH
21	BEd 1	MAHFOOZ	MAUFEED ALAM
22	BEd 1	Mamta Gangwar	Rampal Singh Gangwar
23	BEd 1	MANEESHA	MAHAVEER SINGH
24	BEd 1	MANOJ GANGWAR	CHHEDA LAL GANNGWAR
25	BEd 1	MOHD ADEEB ALAM	SHAKIL AHMAD
26	BEd 1	MOHD AHSAN	MURTAZA
27	BEd 1	MOHIT KUMAR	BHAGWAT SARAN
28	BEd 1	NAJMA	NAVI AHMAD
29	BEd 1	NITIN KUMAR SINGH	JITENDRA SINGH
30	BEd 1	PRABHAT VISHWAS	GOPAL VISHWAS
31	BEd 1	PRAFULLA KUMAR MISHRA	PRAMOD KUMAR MISHRA
32	BEd 1	PREETI MISHRA	MADAN MOHAN MISHRA
33	BEd 1	RAGHAV KUMAR	SUBHASH CHANDRA
34	BEd 1	RAHUL KUMAR	RAJENDRA SINGH
35	BEd 1	SANJAY	RAM KISHOR
36	BEd 1	SHAIENDRA KUMAR	RAJVEER SINGH
37	BEd 1	SHAYM SUNDAR	FAKIR CHAND
38	BEd 1	SHIVAM GIRI	RAJENDRA GIRI
39	BEd 1	SONALI NEGI	DHIRENDRA SINGH NEGI
40	BEd 1	SONI	HORAM SINGH

Dr. Praveesh Kumar  
Head, Dept. of Teacher Education  
Govt. Raza P.G. College  
Rampur (U.P.) 244901


प्रधानाचार्य  
रामलीला पब्लिक इंटर कॉलेज  
रामपुर (उ० प्र०)

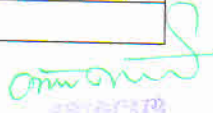
# रामलीला पब्लिक इंटर कॉलेज

2

कोसी मंदिर मार्ग, रामपुर (उ० प्र०) फोन: 0595-2326305

41	BEd 1	SUBHASH KUMAR	MURARI LAL
42	BEd 1	SUMIT KUMAR SINGH	GURUDEV PRASAD SINGH
43	BEd 1	SURBHI GAUTAM	HIRA LAL
44	BEd 1	VIKAS KUMAR RAVI	GHANSHYAM SINGH
45	BEd 1	Vikas Kumar Sharma	Giriraj Kishor Sharma
46	BEd 1	VINEET YADAV	RAMVEER
47	BEd 2	ABHISHEK	BRAHAMMANAND
48	BEd 2	Adarsh Singh	Shiv Bahadur Singh
49	BEd 2	ALAM NAZMI	ZILLAY HASNAIN
50	BEd 2	AMIT KUMAR	MAHIPAL SINGH
51	BEd 2	AMIT KUMAR GAUTAM	MALKHAN SINGH
52	BEd 2	Anupam Tiwari	Bhrigunath Tiwari
53	BEd 2	AYYUB ALI	WAHID HUSAIN
54	BEd 2	HARSH KUMAR	PRADEEP KUMAR SAGAR
55	BEd 2	HARSH VARDHAN KATIHA	RANJEET SHARMA
56	BEd 2	HITESH PRATAP SINGH	UMESH PAL SINGH
57	BEd 2	IQRA AZAM	MOHD AZAM
58	BEd 2	KM. GAYATRI DOHARE	SIDDHANATH DOHARE
59	BEd 2	MAHIM SIDDIQUI	MOHD WASEY SIDDIQUI
60	BEd 2	MOHD ALTMAS	FARZAND ALI
61	BEd 2	MOHD NADEEM	TAHIR HUSAIN
62	BEd 2	MOHD SALMAN	MOHD KASIM
63	BEd 2	NARESH PAL	CHHEDA LAL
64	BEd 2	NISHANT CHAUHAN	AJAY VEER SINGH CHAUHAN
65	BEd 2	OMVEER SINGH	MALKHAN SINGH
66	BEd 2	OSPAL SINGH	ATAR SINGH
67	BEd 2	PANKAJ KUMAR	SHYAM SINGH
68	BEd 2	PRADEEP KUMAR	OM PRAKASH
69	BEd 2	RAHUL KUMAR	RATI PAL SINGH
70	BEd 2	Rishav Pratap Singh	Balcharan Singh
71	BEd 2	ROHIT KUMAR	VIRENDER SINGH
72	BEd 2	RUBEE GANGWAR	CHANDRA SEN GANGWAR
73	BEd 2	SAURABH	GAJRAM
74	BEd 2	SEVY AFREEN	JAVED AKHTAR
75	BEd 2	SNEHA SHARMA	AVDHESH KUMAR SHARMA
76	BEd 2	SUMIT KUMAR	PHOOL SINGH
77	BEd 2	VIKKY	KALVA SINGH
78	BEd 2	Yogendra Kumar	Rajpal Singh

  
Dr. Praveesh Kumar  
Head, Dept. of Teacher Education  
(Dr. Praveesh Kumar)  
HOD, Dept. of B.Ed.

  
रामलीला पब्लिक इंटर कॉलेज  
रामपुर (उ० प्र०)