

# BERHAMPUR UNIVERSITY



GOVT SCIENCE COLLEGE, CHATRAPUR

2024-25

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on The

**“APPLICATION OF GROUP THEORY IN BUNGEE JUMPING”**

Submitted By :- Ayushi Panda

Class :- U.G. 3<sup>rd</sup> Year Science

Roll No. :- BS(P)-22-119

Exam Roll No. :- CH23322909

Regd. No. :- 05355 | 2022

UNDER THE GUIDANCE OF

**Sri Bishnu Charan Behera**

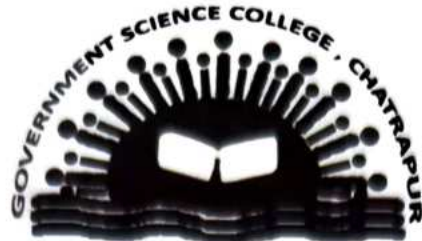
## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **Sri Bishnu Charan Behera**, Assistant Professor of Mathematics Department in Government Science College, Chatrapur, Ganjam in partial fulfillment of the requirement for the +3, 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

Signature of the Guide

*Govinda*

**BERHAMPUR UNIVERSITY**



ପରଜ୍ଞାନ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଚତ୍ରପୁର

**GOVT SCIENCE COLLEGE, CHATRAPUR**

**2024-25**

**U.G. DEPARTMENT OF MATHEMATICS**

6<sup>th</sup> Semester Project Submitted on

***“Complex Analysis”***

**Submitted by – B RITUKANTA REDDY**

**Class – U.G. 3<sup>rd</sup> Year Science**

**Roll No. – BS(P) - 22 - 053**

**Exam Roll No. – CH2322910**

**Regd. No. - 05356/2022**

**UNDER THE GUIDANCE OF**

**Sri BADAL SAHOO**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI BADAL SAHOO**, Head of Department and Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

  
Signature of the ~~Guide~~ <sup>Student</sup>

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI BADAL SAHOO**, Head of Department and Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

*Baranani Day*  
Signature of the ~~Guide~~ *Student*

BERHAMPUR UNIVERSITY



ଘରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR

2024-25

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on

*“Exploring Fundamental Concepts in Vector  
Spaces through Problems”*

Submitted by – BRAJA KISHORE SAHU

Class – U.G. 3<sup>rd</sup> Year Science

Roll No. – BS(P) - 22 - 081

Exam Roll No. – CH2322913

Regd. No. - 05359/2022

UNDER THE GUIDANCE OF

**Sri SURAJ KUMAR GARADA**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI SURAJ KUMAR GARADA**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

Braja Kishan Sahoo

Signature of the ~~Guide~~

BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR

2024-25

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on the

*"Group Theory"*

Submitted by- CH SIBAPRASAD RAO

Class - U.G. 3<sup>rd</sup> Year Science (MATHEMATICS HONS.)

Roll No.-BS (P)-22-267

Exam Roll No.- CH2322914

Regd. No. - 05360/2022

UNDER THE GUIDANCE OF

SRI SURAJ KUMAR GARADA

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI SURAJ KUMAR GARADA**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.



Signature of the Guide

BERHAMPUR UNIVERSITY



ଉତ୍କଳା ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଚତ୍ରପୁର

**GOVT SCIENCE COLLEGE, CHATRAPUR**

**2024-25**

**U.G. DEPARTMENT OF MATHEMATICS**

6<sup>th</sup> Semester Project Submitted on the

***"TRANSPORTATION PROBLEM IN LPP"***

**Submitted by – D RABIN REDDY**

**Class – U.G. 3<sup>rd</sup> Year Science (MATHEMATICS HONS.)**

**Roll No. – BS (P) - 22 – 266**

**Exam Roll No. – CH2322915**

**Regd. No. - 05361/2022**

**UNDER THE GUIDANCE OF**

**SRI BISHNU CHARAN BEHERA**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI BISHNU CHARANA BEHERA**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

*Rashid Reddy*  
Signature of the Guide

# BERHAMPUR UNIVERSITY

GOVT SCIENCE COLLEGE

CHATRAPUR

2024-25



U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted

on

TRANSPORTATION PROBLEM IN LPP

Submitted By

**DEEPA SAHU**

U.G. 3<sup>rd</sup> Year Science

Roll no. BS( P )-22 -255

Exam Roll no.CH2322916

Regd No. 05362/2022

UNDER THE GUIDANCE OF

**SRI BADAL SAHOO**

## DECLARATION

I do hereby declare that the project on intelligence test has been under taken by me under the guidance of Sri BADAL SAHOO, Assistant Prof. in Mathematics, Govt. Science College Chatrapur, Ganjam. In order to fulfilment the requirement for the +3 final year 6<sup>th</sup> SEM. Science (Mathematics HONS.) examination for the academics session 2022-2025.

*Deepa Gahu*  
Signature of the guide

# BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR  
2022-2025

**U.G. DEPARTMENT OF MATHEMATICS**

**6<sup>th</sup> Semester Project Submitted on The**

**“ TOPOLOGY ”**

**Submitted By:- E URMILA REDDY**

**Class:- U.G. 3<sup>rd</sup> YEAR SCIENCE ( MATHEMATICS HONS.)**

**Roll no. :- BS(P)22-020**

**Exam Roll No. :-CH2322917**

**Regd. No :- 05363/2022**

**UNDER THE GUIDANCE OF**  
**SMT. DURGABALA TUDU**

## DECLARATION

I do hereby declare that the project on intelligence test has been under taken by me under the guidance of Smt. Durgabala Tudu, Assistant Prof. in Mathematics, Govt. Science College Chatrapur, Ganjam. In order to fulfilment the requirement for the +3 final year 6<sup>th</sup> SEM. Science (Mathematics HONS.) examination for the academics session 2022-2025.

*D. Tudu*  
19.03.25  
**Signature of the guide**

# BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR  
2022-2025

**U.G. DEPARTMENT OF MATHEMATICS**

**6<sup>th</sup> Semester Project Submitted on The**

**“ PROBABILITY ”**

**Submitted By:- K DEEPIKA REDDY**

**Class:- U.G. 3<sup>rd</sup> YEAR SCIENCE ( MATHEMATICS HONS.)**

**Roll no. :- BS(P)22-224**

**Exam Roll No. :-CH2322918**

**Regd. No :- 05365/2022**

**UNDER THE GUIDANCE OF**  
**SRI BISHNU CHARAN BEHERA**

## DECLARATION

I do hereby declare that the project on intelligence test has been under taken by me under the guidance of **SRI BISHNU CHARAN BEHERA**, Assistant Prof. in Mathematics, Govt. Science College Chatrapur, Ganjam. In order to fulfilment the requirement for the +3 final year 6<sup>th</sup> SEM. Science (Mathematics HONS.) examination for the academics session 2022-2025.

K. Deepika Reddy  
Signature of the **guident**

BERHAMPUR UNIVERSITY



ପରଜନା ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

**GOVT SCIENCE COLLEGE, CHATRAPUR**

**2024-25**

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on

*“Analytic Functions”*

**Submitted by – PRABHAT BISWAL**

**Class – U.G. 3<sup>rd</sup> Year Science**

**Roll No. – BS(P) - 22 - 077**

**Exam Roll No. – CH2322920**

**Regd. No. - 05367/2022**

**UNDER THE GUIDANCE OF**

**DR. AJIT KUMAR SETHI**

# BERHAMPUR UNIVERSITY



GOVT SCIENCE COLLEGE, CHATRAPUR  
2024-2025

U.G. DEPARTMENT OF MATHEMATICS  
6th Semester Project Submitted on the

## “INTEGRATION OF IMPROPER INTEGRAL OF COMPLEX FUNCTION”

Submitted By :- S Somya Reddy  
Class :- UG 3rd Year Science  
Roll no. :- BS(P) -22-190  
Exam Roll No. :- CH2322923  
Regd. No. :- 05370/2022

UNDER THE GUIDANCE OF  
DR. AJIT KUMAR SETH

---

o o o

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of DR. AJIT KUMAR SETHI, Lecturer of Mathematics Department in Government Science College, Chatrapur, Ganjam, in partial fulfillment of the requirement for the +3, 3rd year 6th semester Science Mathematics Honours examination for the academic session 2024-2025.

*S. Reddy*

Signature of the Student

---

o o o

BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଚଟ୍ରାପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR

2024-25

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on

*“Group Theory”*

Submitted by – R ROJARANI REDDY

Class – U.G. 3<sup>rd</sup> Year Science (mathematics honrs.)

Roll No. – BS (P) -22 -090

Exam Roll No. – CH2322921

Regd. No. - 05368/2022

UNDER THE GUIDANCE OF

SRI SURAJ KUMAR GARADA

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SRI SURAJ KUMAR GARADA**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfillment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honors' examination for the academic session 2024-2025.

R. Reddy  
Signature of the Guide

BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

GOVT SCIENCE COLLEGE, CHATRAPUR

2024-25

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on

"UNIFORM CONVERGENCE OF SEQUENCE  
OF COMPLEX VARIABLE" *valued functions*

Submitted by – R AMIT KUMAR REDDY

Class – U.G. 3<sup>rd</sup> Year Science

(Mathematics Honours)

Roll No. – BS(P) - 22 - 229

Exam Roll No. – CH2322922

Regd. No. - 05369/2022

UNDER THE GUIDANCE OF

DR. AJIT KUMAR SETHI

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **DR. AJIT KUMAR SETHI**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

Amit kumar Reddy  
Signature of the ~~Student~~ Student

# BERHAMPUR UNIVERSITY

GOVT SCIENCE COLLEGE

CHATRAPUR

2024-25



U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted

on

**NUMERICAL METHOD**

Submitted By

**SANTOSHI KUMARI SETHY**

U.G. 3<sup>rd</sup> Year Science

Roll no. BS( P )-22 -122

Exam Roll no.CH2322924

Regd No. 05371/2022

UNDER THE GUIDANCE OF

**SMT DURGABALA TUDU**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **SMT. DURGABALA TUDU**, Lecturer of Mathematics Department in Government science College ,chatrapur ,Ganjam in partial fulfillment of the requirements for the +3, 3<sup>rd</sup> Year 6<sup>th</sup> Semester science Mathematic honours Examination for the academic session 2024-2025.

*g. yethi*  
Signature of the ~~Guiden~~ Guide

BERHAMPUR UNIVERSITY



ବରକାରି ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

**GOVT SCIENCE COLLEGE, CHATRAPUR**

**2024-25**

**U.G. DEPARTMENT OF MATHEMATICS**

6<sup>th</sup> Semester Project Submitted on

***"COMPLEX POWER SERIES"***

**Submitted by – SRUTIREKHA PRADHAN**

**Class – U.G. 3<sup>rd</sup> Year Science (mathematics hon.)**

**Roll No. – BS (P) -22 -091**

**Exam Roll No. – CH2322925**

**Regd. No. - 05372/2022**

**UNDER THE GUIDANCE OF**

**DR. AJIT KUMAR SETHI**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **DR. AJIT KUMAR SETHI**, Lecturer of Mathematics in **Government Science College, Chatrapur, Ganjam** in partial fulfillment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honors' examination for the academic session 2024-2025.

*S. Pradham*  
Signature of the ~~Student~~ **Student**

BERHAMPUR UNIVERSITY



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

**GOVT SCIENCE COLLEGE, CHATRAPUR**

**2024-25**

U.G. DEPARTMENT OF MATHEMATICS

6<sup>th</sup> Semester Project Submitted on

*“ Group Theory - I ”*

**Submitted by – TUKUNA BEHERA**

**Class – U.G. 3<sup>rd</sup> Year Science**

**Roll No. – BS(P) - 22 - 108**

**Exam Roll No. – CH2322926**

**Regd. No. - 05373/2022**

**UNDER THE GUIDANCE OF**

**Smt. DURGABALA TUDU**

## DECLARATION

I do hereby declare that the project on intelligence test has been taken by me under the guidance of **Smt DURGABALA TUDU**, Lecturer of Mathematics in **Government Science College**, Chatrapur, **Ganjam** in partial fulfilment of the requirement for U.G. 3<sup>rd</sup> year 6<sup>th</sup> semester Science Mathematics Honours examination for the academic session 2024-2025.

*D. Tudu*  
19.03.25

**Signature of the Guide**