

A PROJECT REPORT ON
DISCOVERY OF ELEMENTARY PARTICLES

(PROJECT REPORT DSE – 4, 6th SEMESTER)

SUBMITTED BY: ANKITA PADHI

ROLL NO: CH2322928

REGD. NO: 05375/2022

GUIDED BY: SMT. ARATI DIXIT

(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS

**GOVERNMENT SCIENCE COLLEGE, CHATRAPUR,
GANJAM, ODISHA**

DECLARATION

I do hereby declares that the project-work "**DISCOVERY OF ELEMENTARY PARTICLES**" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Ankita padhi

NAME:- ANKITA PADHI

ROLL NO.:- CH2322928

TIME TRAVEL

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – BINAYA KUMAR NAHAK

ROLL NUMBER – CH2322930

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



(DEPARTMENT OF PHYSICS)
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "TIME TRAVEL" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Binaya Kumar Nahak

NAME:- BINAYA KUMAR NAHAK

ROLL NO. :- CH2322930

QUANTUM DOT'S

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY - Birendra Pratap Behera

ROLL NUMBER - CH2322931

GUIDED BY - SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHHATRAPUR

DECLARATION

I do hereby declares that the project work "BIRENDRA PRATAP BEHERA" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Birendra Pratap Behera

NAME:- BIRENDRA PRATAP BEHERA

ROLL NO.:- CH2322931



ELECTRICAL TRANSFORMER

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – CHINMAYA PRASAD PALAI

ROLL NUMBER – CH2322932

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declare that the project work "ELECTRICAL TRANSFORMER" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Chinmaya Prasad Palai

NAME:- CHINMAYA PRASAD PALAI

ROLL NO. :- CH2322932

GRAVITATION

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY –D. LOKANATH REDDY

ROLL NUMBER – CH2322933

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "GRAVITATION" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

D. Lokanath Reddy

NAME:- D. LOKANATH REDDY

ROLL NO. :- CH2322933

LARGE HADRON COLLIDER

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY - DEBADUTTA DASH

ROLL NUMBER - CH2322934

GUIDED BY - SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "**LARGE HADRON COLLIDER**" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT**, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Debadutta Dash

NAME:- DEBADUTTA DASH

ROLL NO. :- CH2322934



SCANNING PROBE MICROSCOPY

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY - DEEPAK DASH

ROLL NUMBER - CH2322935

GUIDED BY - SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "SCANNING PROBE MICROSCOPY" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Deepak Dash

NAME:- DEEPAK DASH

ROLL NO. :- CH2322935

A PROJECT REPORT ON
X - RAY CRYSTALLOGRAPHY
(PROJECT REPORT DSE - 4, 6th SEMESTER)

Submitted by: **DEEPTI MAYEE BEHERA**

Roll No: **CH2322936**

Regd. No: **05383/2022**

Guided by: **SMT. ARATI DIXIT**

(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE, CHHATRAPUR
GANJAM, ODISHA

DECLARATION

I do hereby declares that the project work "X-RAY CRYSTALLOGRAPHY" is the detailed review work carried out by me independently under guidance and supervision of **SMT.ARATI DIXIT** ,DEPARTMENT OF PHYSICS submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Deepti mayee Behera

NAME- DEEPTI MAYEE BEHERA

ROLL NO- CH2322936

NANO SENSORS

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY -G. Ketan Raj Singh

ROLL NUMBER - CH2322937

GUIDED BY - SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHHATRAPUR

DECLARATION

I do hereby declares that the project work "G. KETAN RAJ SINGH" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

G. Ketan Raj Singh

NAME:-G. KETAN RAJ SINGH

ROLL NO. :- CH2322937

LIGHT EMITTING DIODE

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – GAYATRI SATAPATHY

ROLL NUMBER – CH2322938

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "GAYATRI SATAPATHY" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Gayatri Satapathy

NAME:- GAYATRI SATAPATHY

ROLL NO. :- CH2322938

A PROJECT REPORT

FLUID MOTION

(PROJECT REPORT DSE-4 6th SEMESTER)

Submitted by:- HARAPRIYA NAHAK

Roll. No:- CH2322940

Regd. No:- 05387/2022

Guided By:- Smt. ARATI DIXIT

(Lecturer In Department Of Physics)



**DEPARTMENT OF PHYSICS GOVERNMENT SCIENCE COLLEGE,
CHATRAPURGANJAM, ODISHA**

DECLARATION

I do hereby declares that the project work "**FLUID MOTION**" is the detailed review work carried out by me independently under guidance and supervision of **Smt. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 20242025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Harapriya Nahak

NAME:- HARAPRIYA NAHAK

ROLL. NO:- CH2322940

ELECTRICAL CIRCUIT COMPONENTS

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – JYOTI RANJAN MUDULI

ROLL NUMBER - CH2322941

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "ELECTRICAL CIRCUIT COMPONENTS" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Jyoti Ranjan Muduli

NAME:- JYOTI RANJAN MUDULI

ROLL NO. :- CH2322941



TWIN PARADOX

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – KANCHI RAJ PATRO

ROLL NUMBER – CH2322942

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHATRAPUR

DECLARATION

I do hereby declares that the project work "TWIN PARADOX" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT**, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Kanchi Raj Patro

NAME:- KANCHI RAJ PATRO

ROLL NO. :- CH2322942

A PROJECT REPORT ON

OSCILLATION

(PROJECT REPORT D5E – 4, 6 th SEMESTER)

Submitted by: **KUMUDINI SAMANT SINGHAR**

Roll No: **CH2322943**

Regd. No: **05390/2022**

Guided by: **SMT. ARATI DIXIT**

(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR

GANJAM, ODISHA

DECLARATION

I do hereby declares that the project work " **OSCILLATION** " is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Kumudini Isamant Singhar

NAME:-KUMUDIN ISAMANT SINGHAR

ROLL NO.: -CH2322943

DOPPLER'S EFFECT

(PROJECT REPORT DSE -04, 6TH SEMESTER)

SUBMITTED BY : LAXMI PRADHAN

ROLL NUMBER : CH2322944

GUIDED BY : SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE
CHATARPUR

DECLARATION

I do hereby declares that the project work "**DOPPLER'S EFFECT**" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT**, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Laxmi Pradhan

NAME:- LAXMI PRADHAN

ROLL NO. :- CH2322944

COMMUNICATION SYSTEM

(PROJECT REPORT DSE -04, 6TH SEMESTER)

SUBMITTED BY : LIPIKA MAHARANA

ROLL NUMBER : CH2322945

GUIDED BY : SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE
CHATARPUR

DECLARATION

I do hereby declare that the project work "COMMUNICATION SYSTEM" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Lipika Maharana

NAME:- LIPIKA MAHARANA

ROLL NO. :- CH2322945

NUCLEAR FUSION

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – M. ROHINI KANTHA REDY

ROLL NUMBER – CH2322946

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHHATRAPUR

DECLARATION

I do hereby declares that the project work "NUCLEAR FUSION" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

M. Rohini Kantha Reddy

NAME:- M.ROHINI KANTHA REDY

ROLL NO. :- CH2322946

A PROJECT REPORT

PLASMA PHYSICS

(PROJECT REPORT DSE-4 6th SEMESTER)

Submitted by:- MAMALI BEHERA

Roll. No:- CH2322947

Regd. No:- 05394/2022

Guided By:- Smt. ARATI DIXIT

(Lecturer In Department Of Physics)



DEPARTMENT OF PHYSICS GOVERNMENT SCIENCE COLLEGE,
CHATRAPURGANJAM, ODISHA

DECLARATION

I do hereby declares that the project work "**PLASMA PHYSICS**" is the detailed review work carried out by me independently under guidance and supervision of **Smt. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Manali Behera

NAME:- MAMALI BEHERA

ROLL. NO:- CH2322947

A PROJECT REPORT ON
BOOLEAN ALGEBRA AND LOGIC GATES

PROJECT REPORT DSE – 4,6TH SEMESTER

NAME : **PRIYANKA PRADHAN**

REGD NO : **05398/2022**

COLLEGE ROLL NO : **BSC (P)22-282**

EXAM ROLL NO : **CH2322951**

GUIDED BY SMT. ARATI DIXIT
(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE
CHATRAPUR, GANJAM, ODISHA

DECLARATION

I do here by declare that the project work "BOOLEAN ALGEBRA AND LOGIC GATES" is the detailed review work carried out by me independently under guidance and supervision of Sri PRADYUMNA MADHEI head of department of physics submitted partial fulfilment of discipline specific elective-4 ,6th semester 2022 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Priyanka Pradhan

**A PROJECT REPORT ON
ATOMIC SPECTRA AND MODEL
(PROJECT REPORT DSE – 4, 6th SEMESTER)**

Submitted by: PRUTHIRAJ PALAI

Roll No: CH2322952

Regd. No: 05399/2022

**Guided by: SMT. ARATI DIXIT
(LECTURER IN DEPARTMENT OF PHYSICS)**



**DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHATRAPUR, GANJAM,
ODISHA**

DECLARATION

I do hereby declares that the project work "ATOMIC SPECTRA AND MODEL" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Pruthiraj Palai

NAME:- PRUTHIRAJ PALAI

ROLL NO:- CH2322952

**A PROJECT REPORT ON
TESLA COIL MODEL
(PROJECT REPORT DSE – 4, 6th SEMESTER)**

Submitted by: PUKAL RAJKUMAR

Roll No: CH2322953

Regd. No: 05400/2022

Guided by: SMT. ARATI DIXIT

(LECTURER IN DEPARTMENT OF PHYSICS)



**DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE, CHATRAPUR
GANJAM, ODISHA**

DECLARATION

I do hereby declares that the project work "TESLA COIL MODEL." is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Pokal Rajkumar

NAME:-PUKAL RAJKUMAR

ROLL NO.:-CH2322953



RADAR SYSTEM

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – R. ANIKET ESHWAR RAO

ROLL NUMBER – CH2322954

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS

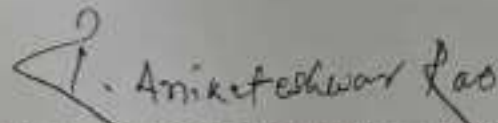


(DEPARTMENT OF PHYSICS)

GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "RADAR SYSTEM" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.



NAME:- R. ANIKET ESHWAR RAO

ROLL NO. :- CH2322954

CRYSTAL STRUCTURE

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY - R BINOD REDDY

ROLL NUMBER - CH2322955

GUIDED BY - SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHHATRAPUR

DECLARATION

I do hereby declares that the project work "CRYSTAL STRUCTURE" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

R. Binod Reddy

NAME:- R BINOD REDDY

ROLL NO. :- CH2322955

LI-FI TECHNOLOGY

[PROJECT REPORT DSE-04, 6TH SEMESTER]
SUBMITTED BY – RABI NARAYANA PRADHAN

ROLL NUMBER – CH2322956

GUIDED BY – SMT. ARATI DIXIT
LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work " *Li-Fi Technology* " is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT**, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Rabi Narayana Pradhan

NAME:-RABI NARAYANA PRADHAN

ROLL NO. :- CH2322956

MICHELSON INTERFEROMETER

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – RAKESH KUMAR PRADHAN

ROLL NUMBER – CH2322957

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "MICHELSON INTERFEROMETER" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Rakesh Kumar Pradhan
NAME:- RAKESH KUMAR PRADHAN

ROLL NO. :- CH2322957



SIZE & STRUCTURE OF ATOMIC NUCLEUS

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – RAMA MUDULI

ROLL NUMBER – CH2322958

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work " **SIZE & STRUCTURE OF ATOMIC NUCLEUS** " is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT**, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Rama muduli

NAME:- RAMA MUDULI

ROLL NO. :- CH2322958



Thin film

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – RUDRA PRASAD GOUDA

ROLL NUMBER – CH2322959

GUIDED BY – SMT. ARATI DIXIT

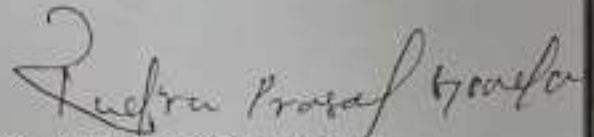
LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "THIN FILM" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.



NAME:- RUDRA PRASAD GOUDA

ROLL NO. :- CH2322959

NEWTON'S RING

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – SHREEMAN MISHRA

ROLL NUMBER – CH2322960

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declares that the project work "NEWTON'S RING" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Shreeman Mishra

NAME:- SHREEMAN MISHRA

ROLL NO. :- CH2322960

POLARIMETER

[PROJECT REPORT DSE - 4, 6TH SEMISTER]

SUBMITTED BY - SHRINIBASH MAHAPATRA

ROLL NUMBER - CH2322961

GUIDED BY - SMT ARATI DIXIT

LECTURER IN DEPARTMENT OF PHYSICS



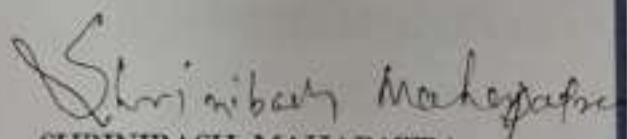
DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE,

CHATRAPUR

DECLARATION

I do hereby declare that the project work "POLARIMETER" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester, Berhampur University, Berhampur and has not been submitted anywhere else before.


SHRINIBASH MAHAPATRA

CH2322961

A PROJECT REPORT ON
ELECTROMAGNETIC SPECTRUM

(PROJECT REPORT DSE – 4, 6th SEMESTER)

Submitted by: SUCHISMITA SAHU

Roll No: CH2322963

Regd. No: 05410/2022

Guided by: SMT. ARATI DIXIT

(LECTURER IN PHYSICS)



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR

GANJAM, ODISHA

DECLARATION

I do hereby declare that the project work "ELECTROMAGNETIC SPECTRUM" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT** Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

Suchismita Sahu

NAME:-SUCHISMITA SAHU

ROLL NO.:-CH2322963

**A PROJECT REPORT ON
SPECIAL THEORY OF RELATIVITY
(PROJECT REPORT DSE – 4, 6th SEMESTER)**

Submitted by: SUGYAN NAYAK

Roll No: CH2322964

Regd. No: 05411/2022

Guided by: SMT. ARATI DIXIT

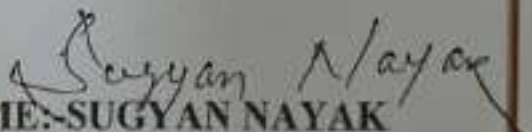
(LECTURER IN DEPARTMENT OF PHYSICS)



**DEPARTMENT OF PHYSICS
GOVERNMENT SCIENCE COLLEGE, CHATRAPUR
GANJAM, ODISHA**

DECLARATION

I do hereby declares that the project work "SPECIAL THEORY OF RELATIVITY" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.


NAME:-SUGYAN NAYAK
ROLL NO.:-CH2322964

A PROJECT REPORT ON
OPTICAL STORAGE

(PROJECT REPORT-4,6TH SEMESTER)

Submitted by: **SUSHANTA NAYAK**

Roll no: **CH2322965**

Regd. No: **05412/2022**

Guided by: **SMT. ARATI DIXIT**

(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR

GANJAM, ODISHA

DECLARATION

I do here by declares that the project work "**OPTICAL STORAGE**" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective - 4, 6th semester 2024-2025 in physics, Berhampur university, Berhampur and has not been submitted anywhere else before.

Sushanta Nayak

NAME: SUSHANTA NAYAK

ROLL NO: CH2322965

A PROJECT REPORT ON
SUPERCAPACITOR

(PROJECT REPORT DSE – 4, 6th SEMESTER)

Submitted by: TRILOCHAN SADANGI

Roll No: CH2322966

Regd. No: 05413/2022

Guided by:

SMT. ARATI DIXIT

(LECTURER IN DEPARTMENT OF PHYSICS)



DEPARTMENT OF PHYSICS

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, ODISHA

DECLARATION

I do hereby declares that the project work "SUPERCAPACITOR" is the detailed review work carried out by me independently under guidance and supervision of **SMT. ARATI DIXIT** department of physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024-2025 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

TriLochan Sadangi

NAME:-TRILOCHAN SADANGI

ROLL NO.:-CH2322966



GLOBAL POSITIONING SYSTEM (GPS)

[PROJECT REPORT DSE-04, 6TH SEMESTER]

SUBMITTED BY – UMESH KUMAR GOUDA

ROLL NUMBER – CH2322967

GUIDED BY – SMT. ARATI DIXIT

LECTURER IN PHYSICS



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GOVERNMENT SCIENCE COLLEGE,
CHHATRAPUR

DECLARATION

I do hereby declare that the project work "GLOBAL POSITIONING SYSTEM(GPS)" is the detailed review work carried out by me independently under guidance and supervision of SMT. ARATI DIXIT, Lecturer in Physics submitted partial fulfilment of discipline specific elective-4, 6th semester 2024 in physics, Berhampur University, Berhampur and has not been submitted anywhere else before.

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