

UV Spectrophotometric estimation of Paracetamol and Lornoxicam in Bulk drug and Tablet dosage form using Multi -wavelength method

A PROJECT REPORT SUBMITTED

BY

Amisha Pattanayak

Exam Roll No :- 24CHEM0024

Registration No:- 10977/2020

Student Of

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,

ODISHA



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

for the evaluation of paper CHEM D408 of Semester – IV

in partial fulfillment for the award of the degree

of

Master of Science

in

CHEMISTRY

BERHAMPUR UNIVERSITY



P.G. Department of Chemistry
Government Science College Chatrapur
761020, Odisha

Bonafide Certificate

Certified that this project report, "UV Spectrophotometric estimation of Paracetamol and Lornoxicam in Bulk drug and Tablet dosage form using Multi-wavelength method" is the bonafide work of "AMISHA PATTNAYAK" who carried out the project work under my supervision. This is to further certify to the best of my knowledge, that this project has not been carried out earlier in this institute and the university.

Signature of Supervisor

Dr. Bishnu Prasad Kar

Lecturer

Department of Chemistry

Government Science College ,Chatrapur

761020, Odisha

**Synthesis and Characterization of Ag doped
Fe₃O₄Nanoparticles**

**A Dissertation submitted in partial fulfillment
FOR THE DEGREE OF
MASTER OF SCIENCE IN CHEMISTRY
Under The Academic College**

**GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,
ODISHA**



Affiliated to Berhampur University



**Submitted By
BARSHARANI SATAPATHY**

Exam Roll No:24CHEM0026

Registration No:17290/2021

Under the guidance of

**Dr. Satish Samantaray
Asst.Prof. of Chemistry (OES – I)
Department of Chemistry**

Government Science College, Chatrapur

Ganjam -761020

Declaration of student

I, Barsharani Satapathy do hereby declare that the dissertation entitled "**Synthesis and Characterization of Ag doped Fe₃O₄ Nanoparticles**" being submitted to the Government Science College, Chatrapur for the degree of Master of Science in chemistry is the result of bonafide research carried out by me under the supervision of **Dr .Satish Samantaray**, department of chemistry .This work has not been submitted to any other group of students of this college for degree or diploma.

Chatrapur

19th May 2020

Barsharani Satapathy
Barsharani Satapathy

Roll No:-24CHEM0026

Nanocarriers for Targeted Drug

Lipid-Based vs Inorganic Nanoparticles in BBB Drug Transport

A PROJECT REPORT SUBMITTED

BY

DHARMENDRA DALEI

Exam Roll No:- 24CHEM0027

Registration no:- 21180/2024

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,

ODISHA



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for the evaluation of paper CHEM D408 of Semester – IV
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Master of Science

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CHEMISTRY

BERHAMPUR UNIVERSITY



May 2026

Declaration of student

I, DHARMENDRA DALEI , HEREBY DECLARE THAT THE PROJECT WORK PRESENTED IN THIS REPORT HAS BEEN CARRIED OUT BY ME, AND THIS PROJECT HAS NOT BEEN CARRIED OUT EARLIER IN THIS INSTITUTE AND THE UNIVERSITY.

Dharmendra Dalei

FULL SIGNATURE OF STUDENT

DHARMENDRA DALEI

EXAM ROLL NO :- 24CHEM0027

REGISTRATION NO:- 21180/2024

SYNTHESIS AND CHARACTERIZATION OF N-(3-ETHYNYLPHENYL)OLEAMIDE

A PROJECT REPORT SUBMITTED BY

PINKI BEHERA

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In partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Evaluation of paper: CHEM D408|Semester: IV

BERHAMPUR UNIVERSITY



MAY 2026

DECLARATION OF STUDENT

I **Pinki Behera** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Pinki Behera

Full signature of the student

Exam Roll No:- 24CHEM0028

Registration No:- 03250/2020

**SYNTHESIS AND CHARACTERIZATION OF GLYCOLIPID BY REACTION OF
PROTECTED GLUCOPYRANOSYL AZIDE AND N-(3-ETHYNYLPHENYL) OLEAMIDE**

A PROJECT REPORT SUBMITTED

BY

ROSI MOHANTY

Exam Roll No :- 24CHEM0029

Registration No:- 14346/2020

Student Of

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,

ODISHA



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**for the evaluation of paper CHEM D408 of Semester - IV
in partial fulfillment for the award of the degree**

of

Master of Science

in

CHEMISTRY

BERHAMPUR UNIVERSITY



May 2026

Declaration of Student

I **Rosi Mohanty** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Rosi Mohanty
Full signature of student

Exam Roll No :- 24CHEM0029

Registration No:- 14346/2020

**Interactions of Ammonia Derivatives and Carbon Disulfide: A Literature
Review on Understanding Chalcogen Bonding**

A PROJECT REPORT SUBMITTED

BY

Rudraprasada Sahoo

Exam Roll No :- 24CHEM0030

Registration No:- 21181/2024

Student Of

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,

ODISHA



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ, ଛତ୍ରପୁର

**for the evaluation of paper CHEM D408 of Semester – IV
in partial fulfillment for the award of the degree**

of

Master of Science

in

CHEMISTRY

BERHAMPUR UNIVERSITY



May 2026

Declaration of student

I, Rudraprasada Sahoo, hereby declare that the project work presented in this report has been carried out by me, and this project has not been carried out earlier in this institute and the university.



Full signature of student

Rudraprasada Sahoo

Exam Roll No :- 24CHEM0030

Registration No:- 21181/2024

Synthesis and Characterisation of CdS Nanoparticles

A Dissertation submitted in partial fulfilment

**FOR THE DEGREE OF
MASTER OF SCIENCE IN CHEMISTRY**

Under The Academic College
Government Science College, Chhatrapur



Affiliated to Berhampur University



Submitted By

SADI SIBAPRASAD REDDY

Roll No.: 24CHEM0031

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Under the guidance of

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Asst. Prof. of Chemistry (OES – I)

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Ganjam -761020

Declaration

I, Sadi Sibaprasad Reddy do hereby declare that the dissertation entitled "**Synthesis and Characterization of CdS Nanoparticles**" being submitted to the Government science college, chatrapur for the degree of Master of Science in chemistry is the result of bonafide research carried out by me under the supervision of **Dr. Satish Samantaray**, department of chemistry .

Chatrapur

19th May, 2026

Sadi Sibaprasad Reddy
Sadi sibaprasad reddy

Roll No.:24CHEM0031

**SYNTHESIS AND CHARACTERIZATION OF GLYCOLIPID BY
REACTION OF PROTECTED GLUCOPYRANOSYL AZIDE AND
2-DODECANAMIDO-N-(PROP-2-YN-1-YL)BENZAMIDE**

A PROJECT REPORT SUBMITTED BY

SAGAR PRASAD PANDA

Exam Roll No :- 24CHEM0032

Registration No :- 99927/2021

Student Of

**GOVERNMENT SCIENCE COLLEGE, CHATRAPUR,
761020, ODISHA**



**For the evaluation of paper CHEM D408 of Semester IV
in partial fulfilment for the award of the degree of
MASTER OF SCIENCE IN CHEMISTRY**

BERHAMPUR UNIVERSITY



MAY 2026

Declaration of student

I, **Sagar Prasad Panda** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Sagar Prasad Panda
Full signature of student

Exam Roll No :- 24CHEM0032

Registration No :- 99927/2021

Synthesis and characterization of *N*-(prop-2-yn-1-yl) oleamide

A PROJECT REPORT SUBMITTED BY
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Exam Roll No: 24CHEM0033

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CHATRAPUR,761020,ODISHA

In partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN CHEMISTRY
Evaluation of paper: CHEM D408 | Semester:IV

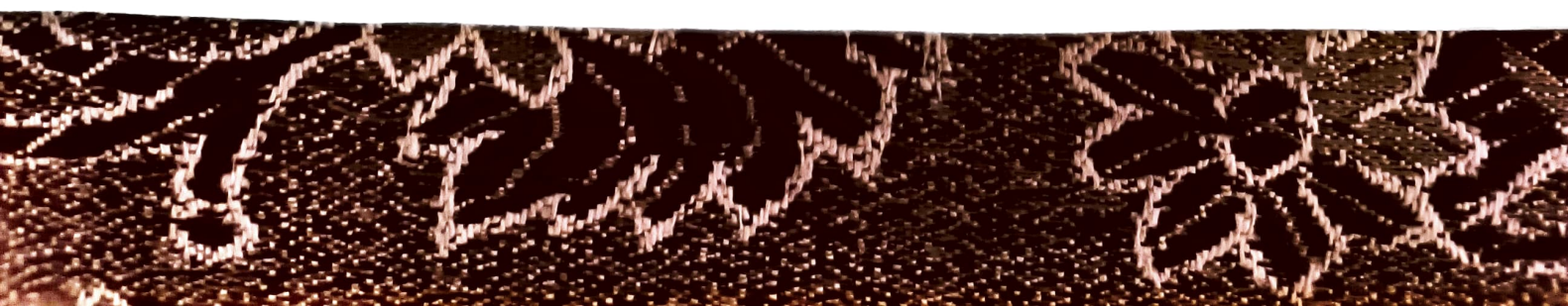


BERHAMPUR UNIVERSITY

19 MAY 2026
Berhampur University

Declaration of student

I **Satyabrata Jena** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.



Satyabrata Jena

Full signature of
student

Exam Roll No :- 24CHEM0033

Registration No:- 21182/2024

to Dr. Laxmi Narayan Sahoo, who guided me

n with matchless patience.

Synthesis and Characterization of Fe_3O_4 Nanoparticles

A Dissertation submitted in partial fulfillment

FOR THE DEGREE OF

MASTER OF SCIENCE IN CHEMISTRY

Under The Academic College

Government Science College, Chatrapur



Affiliated to Berhampur University



Submitted By

SUPRIYA PATTNAIK

Roll No. :- 24CHEM0034

Regd. No. :- 21183/2024

Under the guidance of

Dr. Satish Samantaray

Asst. Prof. of Chemistry (OES -I)

Department of Chemistry

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Ganjam -761020

Declaration

I, **Supriya Pattnaik** do hereby declare that the dissertation entitled "**Synthesis and Characterization of Fe₃O₄ Nanoparticles**" being submitted to the Government Science College, Chatrapur for the degree of Master of Science in chemistry is the result of bonafide research carried out by me under the supervision of **Dr. Satish Samantaray**, department of chemistry .

Chatrapur

19th May, 2026


Supriya Pattnaik

Roll No.: 24CHEM0034

**SYNTHESIS AND CHARACTERIZATION OF GLYCOLIPID BY REACTION OF
PROTECTED GLUCOPYRANOSYL AZIDE AND N-(PROP-2-YN-1-YL)OLEAMIDE**

A PROJECT REPORT SUBMITTED BY
SWATISHREE SAHU

Exam Roll No: 24CHEM0035

Registration No:12960/2021

Student of

GOVERNMENT SCIENCE COLLEGE
CHATRAPUR, 761020, ODISHA



**For the evaluation of paper CHEM D408 of Semester IV
in partial fulfilment for the award of the degree of
MASTER OF SCIENCE IN CHEMISTRY**

BERHAMPUR UNIVERSITY



MAY 2026

Declaration of student

I **Swatishree Sahu** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Swatishree Sahu

Full signature of student

Exam Roll No :- 24CHEM0035

Registration No:- 12960/2021

**SYNTHESIS AND CHARACTERIZATION OF GLYCOLIPID BY
REACTION OF PROTECTED GLUCOPYRANOSYL AZIDE AND
N-(4-ETHYNYLPHENYL)OLEAMIDE**

A PROJECT REPORT SUBMITTED BY

TRUPTI RANI MISHRA

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ODISHA**



**For the evaluation of paper CHEM D408 of Semester- IV
in partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN CHEMISTRY**

BERHAMPUR UNIVERSITY



MAY 2026

Declaration of student

I **Trupti Rani Mishra** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Trupti Rani Mishra

Full signature of student

Exam Roll No :-24CHEM0036

Registration No:- 17326/2021

N-I-N HALOGEN BONDING

A project report submitted
by

SAHU UMARANI

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For the evaluation of paper CHEM D408 of Semester – IV
In partial fulfillment for the award of the degree

Of

Master of Science

In

CHEMISTRY

BERHAMPUR UNIVERSITY



20 may 2026

Declaration of student

I Sahu umarani hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Sahu umarani Sahu umarani

Full name of the student

Exam Roll No :- 24CHEM0037

Registration No:- 18191/2020

SYNTHESIS AND CHARACTERIZATION OF *N*-(4-ETHYNYLPHENYL)OLEAMIDE

A PROJECT REPORT SUBMITTED BY

SHEELA PANDA

Exam Roll No :- 24CHEM0125

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Student Of

GOVERNMENT SCIENCE COLLEGE, CHATRAPUR, 761020,
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For the evaluation of paper CHEM D408 of Semester –
IV in partial fulfillment for the award of the degree of
Master of Science in
CHEMISTRY

BERHAMPUR UNIVERSITY



MAY 2026

Declaration of student

I **Sheela Panda** hereby declare that the project work presented in this report has been carried out by me and this project has not been carried out earlier in this institute and the university.

Sheela Panda

Full signature of student

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Registration No:- 16664/2018