

AMITY UNIVERSITY

— R A J A S T H A N —

AMITY SCHOOL OF APPLIED SCIENCES (ASAS)

M.Sc. (Applied Chemistry)

List of students undertaking field project or research projects or internships.

Program Code	Programme name	Name of the students
12509	M. Sc. Applied Chemistry	Khyati Soni
12509	M. Sc. Applied Chemistry	Kapil Kumar Jain
12509	M. Sc. Applied Chemistry	Manoj Singh
12509	M. Sc. Applied Chemistry	Pooja Sharma
12509	M. Sc. Applied Chemistry	Ms. Anshu Saini
12509	M. Sc. Applied Chemistry	Ms. Parul Kushwah
12509	M. Sc. Applied Chemistry	Ms. Gayatri Pandey
12509	M. Sc. Applied Chemistry	Ms. Pinki
12509	M. Sc. Applied Chemistry	Ms Varsha Sharma
12509	M. Sc. Applied Chemistry	Mr Protay Halder



Fruit Waste Catalytic Synthesis of Kinnow Mandarin (Citrus reticulata) by using Henry Reaction

In partial fulfillment of the requirements for the award of the
Degree of
Masters of Sciences

In
APPLIED CHEMISTRY

By
Khayati Soni
Enrollment no: A22550919003

Under the supervision of

Dr. Manmohan Singh

Assistant Professor

Amity University Rajasthan, Jaipur



Quality Control

In partial fulfillment of the requirements for the award of the
Degree of
Masters of Sciences

In
APPLIED CHEMISTRY

By
Kapil Kumar Jain
Enrollment no: A22550919001

Under the supervision of

Dr. Manmohan Singh

Assistant Professor

Amity University Rajasthan, Jaipur



विज्ञान एवं प्रौद्योगिकी उच्च अध्ययन संस्थान

(भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग के अधीन एक स्वायत्त संस्थान)
विज्ञान पथ, पश्चिम बड़ागाँव, गड़चुक, गुवाहाटी -781035, असम : भारत

INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY

AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA
VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI-781035, ASSAM, INDIA.



No. IASST/Acad/2021-22/2247.

Date: 25 June, 2021

Certificate

This is to certify that **Manoj Singh** from **Amity University, Rajasthan** has completed project work at IASST, Guwahati on the topic **Adenantha pavonina L. seeds derived reduced graphene oxide quantum dots as a fluorescent nano-probe for selective detection of picric acid in real samples** under the guidance of **Dr. N. Sen Sarma, Professor, Physical Sciences Division** during **6th April-30th June, 2021**.

He/She is sincere and hardworking and we wish him/her success in life.

(N Sen Sarma)
Professor
PSD, IASST

(H Bailung)
Professor, PSD &
Chairman, Academic Committee
IASST





Fruit Waste Catalytic Synthesis of Kinnow Mandarin (Citrus reticulata) by using Schiff base Reaction

In partial fulfillment of the requirements for the award of the
Degree of
Masters of Sciences

In
APPLIED CHEMISTRY

By
Pooja Sharma
Enrollment no: A22550919004

Under the supervision of

Dr. N.P. Lamba

Associate Professor

Amity University Rajasthan, Jaipur

A

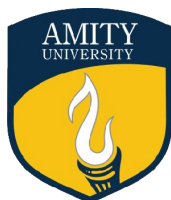
Project Report

On

Green Synthesis of Metal Nanoparticles, Their Catalytic Applications And their Effect on Seed Germination

Completed at

Amity University Rajasthan



FROM 01/01/2022 TO 30/06/2022

Submitted in partial fulfillment of the requirements

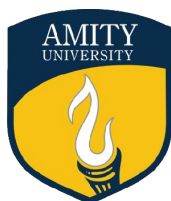
for the award of degree of

Master of Sciences (Applied Chemistry)

Submitted By

Anshu Saini

A22550920001



AMITY SCHOOL OF APPLIED SCIENCES

AMITY UNIVERSITY RAJASTHAN

JAIPUR 302006

**NOVEL METAL ORGANIC FRAMEWORKS AS AN EFFICIENT
ELECTROCATALYST FOR ELECTROCHEMICAL OVERALL
WATER SPLITTING**

A Dissertation

Submitted to the Department of Chemistry, Amity School of Applied Sciences

Amity University Rajasthan

In Partial Fulfillment of the Requirements

for the Degree of M.Sc. Applied Chemistry

July 2022



SUPERVISED BY:

Dr. Narendra Pal Lamba
Associate Professor
Department of Chemistry,
Amity University Rajasthan,
Jaipur

SUBMITTED BY:

Parul Kushwah
M.Sc. IV Semester
Amity University Rajasthan
Jaipur

A
Project Report
on
**Propitious implementation of CuO-rGO for reduction of Nitroaromatic
Compounds and Degradation of dye in elegant circumstances
encompassing statistical interpretation**

Completed at
Amity University Rajasthan



From 01/01/2022 TO 04/07/2022

Submitted in partial fulfilment of the requirements

For the award of degree of

Master of Science
(Applied Chemistry)

Submitted By

Gayatri Pandey

A22550920003

Quinazolinones as Anticancer Compounds

THESIS

SUBMITTED IN FULFILLMENT OF THE REQUIREMENT

FOR THE DEGREE OF

MSc APPLIED CHEMISTRY

BY

PINKI



AMITY SCHOOL OF APPLIED SCIENCES

AMITY UNIVERSITY RAJASTHAN, JAIPUR



CSIR-CENTRAL DRUG RESEARCH INSTITUTE

LUCKNOW – 226001, INDIA

ACADEMIC SESSION 2020-2022

A
Project Report
On
**FORMULATION OF HERBAL CRACK CREAM USING MEDICINAL
PLANT EXTRACT**

A dissertation submitted in partial fulfillment of the requirement of the degree

Of
MASTER OF SCIENCE

In
APPLIED CHEMISTRY

By
VARSHA SHARMA

(A22550920005)

Under the supervision of



Dr. Narendra Pal Lamba
Head of Department
Applied Chemistry
Amity University Rajasthan, Jaipur



Dr. Pamita Bhandari
Scientist
CSIR-IHBT, Palampur

Amity School of Applied Sciences,

AMITY UNIVERSITY RAJASTHAN, JAIPUR

July, 2022

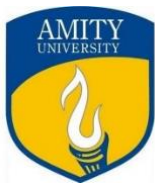
Report on

Quantitative Estimation of some drugs in bulk and tablet dosage form
using colorimetry and uv spectroscopy

Submitted to

Amity School of Applied Sciences

Amity University Rajasthan



Supervised by

Dr Renu Upadhyay.

Assistant Professor

Amity University Rajasthan

Submitted by

Protyay Haldar

MSc Applied Chemistry

4th Semester

Enrolment number A22550920006