

P.G. Department of Chemistry (Projects M.Sc – IV Sem) session 2020-21			
Sr. No	Name Of students	Guide & CO-Guide	Topics
1.	Anjali G. Shende	Dr. S.V. Madhamshettiwar	Preparation Of Silver Nano Particles By Using Extract Of Azadirachta Indica (Neem)
2.	Rahul Mahesh Khandekar		Kinetic Study Of Reaction Of Potassium Persulfate With Iodine And Effect Of Catalyst On Activation Energy
3.	Mr.Sajid Imam Sheikh		Various Routes Towards Synthesis Of Silica Nanocomposites : A Review
4.	Namrata Samiran Mondal	Dr. V. A. Giratkar/ Khanke	Ultrasonic And Thermodynamics Study Of Monosaccharide”
5.	Pranay Naresh Charde		“Study Of Effect Of Salt On Thermocautic Properties Of Monosaccharides”
6.	Priyanka Thengne		“Thermo-Acoustic Study Of Carbohydrates In Aqueous Sodium Iodide”
7.	Dnyaneshwar Ware	Dr. R. P. Dhankar	Synthetic Methods For Polymer Nanocomposites : A Reviews
8.	Harsha-Wankhede		Green Approches Towards Synthesis Of Nanocomposites
9.	Miss.Roshani C. Gedam		“Various Routes Towards Synthesis Of Silica Nanocomposites : A Review
10.	Neha Rahul Nagdeote		Repellent On Mosquito From Citrus Fruits
11.	Bhavik Therkar	Assist. Prof.	Conducting Polymers. A Novel Material Of Century
12.	Sk Tanjima Sk Mohamad	D.S. Wahane	Citrus Fruits For Their Potential Applications
13.	Akshay Krishna Gautam	Dr. N.E. Kathale	Synthesis And Characterization Of Zirconium With Schiff Base Ligand
14.	Swati Tejrav Umare		Antimicrobial Properties Of Transition Metal With Schiff Base Complexes
15.	Pratik Ravindra Shende		Synthesis And Characterization Of Some 3d Transition Metal With Schiff Base Ligand
16.	Pooja Hanuman Pinge	Dr. P. V. Mandal	A Review Of Literature On Water Resource Management And Drinking Water Containing Nitrate Issues And Strategies In India
17.	Ashwini Shanigarap	Assist. Prof.	Biodiesel Production From Acid Base Catalyzed Transesterification Of Neem Oil Seeds
18.	Laxmi D. Barde	S. R. Chikte	Biodiesel Production By Transesterification From Mahua Seed”
19.	Mayuri Channe		Water Analysis”

Prof.S.V. Madhamshettiwar
Head
Department of Chemistry

PREPARATION OF SILVER NANO PARTICLES BY USING EXTRACT OF AZARDIRACHTA INDICA (NEEM)

THE PROJECT

Submitted To Gondwana University,
Gadchiroli



For the degree of
MASTER OF SCIENCE
In the Faculty of Science (Chemistry)

By
MISS. ANJALI G. SHENDE
M.Sc. II Year Sem-IV (Chemistry)

Under the Guidance of
Dr. Swapnil Madhamshettiwar
Vice Principle
Department of Chemistry
Sardar Patel Mahavidyalaya, Chandrapur.



POST GRADUATE DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Session: 2020 – 2021

A Project Report On

**KINETIC STUDY OF REACTION OF POTASSIUM PERSULFATE WITH
IODINE AND EFFECT OF CATALYST ON ACTIVATION ENERGY**

Submitted for Partial Fulfilment of the Requirement for The Award of
Degree in

MASTER OF SCIENCE IN CHEMISTRY



TO

GONDWANA UNIVERSITY, GADCHIROLI.

Submitted by

Mr. Rahul Mahesh Khandekar



Guided by

Prof. Dr. Swapnil Madhamshettiwar
Head of P.G. Department of Chemistry

Post Graduation Department Of Chemistry

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.

2020-2021



A PROJECT REPORT ON
“VARIOUS ROUTES TOWARDS SYNTHESIS OF SILICA NANOCOMPOSITES : A REVIEW

A Project submitted to
Gondwana University, Gadchiroli for
Master of Science In Chemistry

Submitted By
Mr.Sajid Imam Sheikh
M.Sc. final (Chemistry)

Guided By
Incharge Guide

Dr. Swapnil madhamshetiwar
Department of Chemistry
Sardar Patel Mahavidyalaya, chandrapur
DEPARTMENT OF CHEMISTRY



SARDAR PATEL MAHAVIDYALAYA ,CHANDRAPUR
2020 - 2021

A PRESENTATION ON

“Ultrasonic and Thermodynamics study of Monosaccharide”

Submitted to

GONDWANA UNIVERSITY,

GADCHIROLI



In Partial fulfillment of requirement for

MASTER OF SCIENCE IN CHEMISTRY

(SEMESTER – IV)

Submitted By

Namrata Samiran Mondal

Guided By

Prof. Vandana Giratkar / Khanke



Sardar Patel College, Chandrapur

(2020-2021)

A PRESENTATION ON
**“STUDY OF EFFECT OF SALT ON THERMOCAUSTIC PROPERTIES
OF MONOSACCHARIDES”**

Submitted to

GONDWANA UNIVERSITY,
GADCHIROLI

In Partial fulfillment of requirement for
**MASTER OF SCIENCE IN CHEMISTRY
(SEMESTER – IV)**

**Submitted By
PRANAY NARESH CHARDE**

**Guided By
Prof. Vandana Giratkar / Khanke**

**Sardar Patel College, Chandrapur
(2020-2021)**



A Project Report On

“THERMO-ACOUSTIC STUDY OF CARBOHYDRATES IN AQUEOUS SODIUM IODIDE”

**Project
Submitted to
Gondwana University, Gadchiroli**

**Submitted by
Miss. Priyanka Kishor Thengane
M.Sc. II Year Sem-IV (Chemistry)**

**Research guide
Prof. Vandana Giratkar / Khanke
Assistant Professor
Department of Chemistry
Sardar Patel Mahavidyalaya, Chandrapur**



**DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR
Session 2020-2021**

**SYNTHETIC METHODS FOR POLYMER NANOCOMPOSITES: A
REVIEW**

The Project

Submitted To Gondwana University,
Gadchiroli



For the degree of
MASTER OF SCIENCE
In the Faculty of Science (Chemistry)

by

DNYANESHWAR DEVIDAS WARE

Under the Guidance of
DR. RAKSHA P. DHANKAR
(Assistant professor)



**POST GRADUATE DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**

Session: 2020 – 2021



A PROJECT REPORT ON
"GREEN APPROACHES TOWARDS SYNTHESIS OF NANOCOMPOSITES: A
REVIEW"

A Project submitted to

Gondwana University, Gadchiroli for

Master of Science In Chemistry

Submitted By

Miss. Harsha R. Wankhede

M. Sc. Final (Chemistry)

Guided By

Incharge Guide

Dr. Raksha P. Dhankar

Department of Chemistry

Sardar Patel Mahavidyalaya, Chandrapur

DEPARTMENT OF CHEMISTRY



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

2020-2021

A PROJECT REPORT ON
“VARIOUS ROUTES TOWARDS SYNTHESIS OF SILICA NANOCOMPOSITES : A REVIEW

A Project submitted to
**Gondwana University, Gadchiroli for
Master of Science In Chemistry**

Submitted By
MISS.ROSHANI C. GEDAM
M.Sc. final (Chemistry)

Guided By
Incharge Guide
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Department of Chemistry
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DEPARTMENT OF CHEMISTRY



SARDAR PATEL MAHAVIDYALAYA ,CHANDRAPUR
2020 - 2021

REPELLENT ON MOSQUITO FROM CITRUS FRUITS

The Project

Submitted To Gondwana University,
Gadchiroli

By

Neha rahul nagdeote

Under the Guidance of
DILIPS. WAHANE
Assistant Professor

(Session 2020-2021)

POST GRADUATE DEPARTMENT OF
CHEMISTRY,
SARDAR PATEL MAHAVIDYALAYA,
CHANDRAPUR

CONDUCTING POLYMER'S- A NOVEL MATERIAL OF CENTURY

The Project

Submitted To Gondwana University,
Gadchiroli



For the degree of
MASTER OF SCIENCE
In the Faculty of Science (Chemistry)

by

BHAVIK VASANT THERKAR

Under the Guidance of
DILIP S. WAHANE
Assistant Professor



POST GRADUATE DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
Session: 2020 – 2021

CITRUS FRUITS FOR THEIR POTENTIAL APPLICATIONS

THE PROJECT

Submitted To Gondwana University, Gadchiroli



For the degree of
MASTER OF SCIENCE
In the Faculty of Science (Chemistry)

By
SK TANJIMA SK MOHAMAD

Under the Guidance of
DILIP S. WAHANE
Assistant Professor



POST GRADUATE DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Session: 2020 – 2021

A Project Report On
**SYNTHESIS AND CHARACTERIZATION OF ZIRCONIUM WITH
SCHIFF BASE LIGAND**

Submitted for Partial Fulfilment of the Requirement for

The Award of Degree in

MASTER OF SCIENCE IN CHEMISTRY

TO

GONDWANA UNIVERSITY, GADCHIROLI

Submitted by

Akshay Krishna Gautam

Under the Guidance of

Prof. Dr. Niren E. Kathale

Associate Professor

Post Graduation Department Of Chemistry

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.

2020-2021



Post Graduate Department of Chemistry
SARDAR PATEL MAHAVIDYALAYA
CHANDRAPUR
2020-2021

Project Report On

**ANTIMICROBIAL PROPERTIES OF TRANSITION
METAL WITH SCHIFF BASE COMPLEXES**

Submitted for Partial Fulfilment of the Requirement for

The Award of Degree in

MASTER OF SCIENCE IN CHEMISTRY

TO

GONDWANA UNIVERSITY, GADCHIROLI

Submitted by

SWATI TEJRAJ UMARE

Under the Guidance of

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Associate Proffesor

Post Graduation Department Of Chemistry

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.

2020-2021

Synthesis And Characterization of Some 3d Transition Metal With Schiff Base Ligand

Submitted to
Gondwana University, Gadchiroli.



For the degree of
Masters of Science (Chemistry)

Submitted by
Pratik Ravindra Shende

Under the Guidance of
Prof.Dr. Niren E. Kathale
Associate Professor

Post Graduation Department Of Chemistry
Sardar Patel Mahavidyalaya, Chandrapur.
2020-2021

A Project Report On

**“BIODIESEL PRODUCTION FROM ACID BASE
CATALYSED TRANSESTERIFICATION OF NEEM OIL
SEEDS”**

Submitted for the partial fulfilment of the
Requirement for the award of degree in

**MASTER OF SCIENCE IN
CHEMISTRY**

SUBMITTED TO

GONDWANA UNIVERSITY, GADCHIROLI

Submitted by

Miss. Ashwini R. Shanigarap
M.Sc. II (Sem-IV)

Research guide

Mr. Sunil R. Chikte
Assistant Professor



**P.G. DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR
Session 2020-2021**

A Project Report On
“BIODIESEL PRODUCTION BY TRANSESTERIFICATION FROM MAHUA SEED”

**Submitted for the partial fulfilment of the
Requirement for the award of degree in
MASTER OF SCIENCE IN CHEMISTRY**

SUBMITTED TO
GONDWANA UNIVERSITY, GADCHIROLI

Submitted by
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Research guide
Mr. Sunil R. Chikte
Assistant Professor



**P.G. DEPARTMENT OF CHEMISTRY
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**

Session 2020-2021

A Project Report On

“WATER ANALYSIS”

Submitted for the partial fulfilment of the
Requirement for the award of degree in

**MASTER OF SCIENCE IN
CHEMISTRY**

SUBMITTED TO

GONDWANA UNIVERSITY, GADCHIROLI

Submitted by

Miss. Mayuri M.Channe

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Research guide Mr.

Sunil R. Chikte

Assistant Professor



P.G. DEPARTMENT OF CHEMISTRY

SARDAR PATEL MAHAVIDYALAYA,
CHANDRAPUR

Session 2020-2021