This to certify that the work presented in the project work (Dissertation) entitled "Ultrasonic investigation of effect of salt on fertilizer" presented by Miss. Megha Swarthrao Gurnule, M.Sc. Pinal year (Chemistry), Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision. I found that the presence piece of work is suitable for submission to the Gondwana University, Gadchiroli for evaluation and award of M.Sc. degree in Chemistry.

Place: Chandrapur

Date: 29/4/24

Dr. Vandana Giratkar/Khanke

Assistant Professor

Department of Chemistry,

Sardar Patel Mahavidyalaya,

Chandrapur

Dr. S. V. Madhamshettiwar

Head of Department, Chemistry

Sardar Patel Mahavidyalaya,

Chandrapur.

Heau.

Deptt. of Chemistry larder Patel Mehavidyalay.

Chandrapu





### CERTIFICATE

This is to certify that Mr. Praful B. Dhande is a bonafied student of M.Sc.

Part II Semester IV (Chemistry) of this college for the session of 2023-2024. He
has completed his project under the guidance of Dr. S. V. Madhamshettiwar on
the topic entitled. "Adsorption of cadmium (II) from a Stock Solution using
Curry Leaves Powder as a Low Cost Adsorbent" for partial fulfilment of the
requirement for the award of degree of Master of Science in Chemistry submitted
to the Gondwana University, Gadehiroli.

Date: 13/5/2024

Place: Chandrapur

Dr .S. V. Madhamshettiwar Head Department of Chemistry Sardar Patel Mahavidyalaya,

Chandrapur Deptt. of Chemistry affiar Patel Mahavidyalaya Chandrapu



# CERTIFICATE

This is to certify that the project report entitled "Nutritional Profile and Mineral Contents of Some Branded Honey Product" submitted by Miss. Rohini S. Jumnake for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by her under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 30/04/2024

Place:Chandrapur

Dr. DILIP S.WAHANE

(Assistant professor)
Department of Chemistry,
Sardar Patel Mahavidyalaya,

Dr. DhandraguWahane
Asst. Professor, Department of Chemistry
Sardar Patel Mahavidyalaya, Chandrapur



# **CERTIFICATE**

This is to certify that the project report entitled "Evaluation of Water Quality of Branded Packaged Drinking Water by Standard Protocol" submitted by Miss. Aachal N. Khobragade for the partial fulfillment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023-24. This project is carried out by her under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 13/05 /2024

Place: Chandrapur

Project In-Charge Mr. SUNIL R. CHIKTE

(Assistant professor)
Department of Chemistry,

Sardar Patel Mahavidyalaya, Chandrapur



This is to certify that the project report entitled "STUDY OF DIFFERENT CATALYST IN BIODIESEL PRODUCTION BY TRANSESTERIFICATION PROCESS"

Submitted By

Mr. Amol D. Wadhai

for the partial fulfilment of the Requirement for the award of degree in Master of Science in Chemistry of Gondwana University, Gadchiroli for the academic year 2023-24.

> This project is carried out by him under my supervision.

Date: 11/05/2024

Place: Chandrapur

Sunil R. Chikte

(Asstt. Professor)

P.G. Department of Chemistry

Sardar Patel Mahavidyalaya,

Chandrapur.



# **CERTIFICATE**

This is to certify that the project report entitled "Biosynthesis of Ni dopped ZnO nanoparticles by using Flower extract of Delonix Regia & Photocatalytic Degradtion" submitted by Miss.Rutuja Kundan Watkar, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by his under my supervision and not submitted earlier to any University/. Institution for any diploma or degree.

Date: 13/05/2024

Place:Chandrapur

Project Guide
Dr.Raksha P.Dhankar
(Assistant professor)
Department of Chemistry,
Sardar Patel Mahavidyalya,
Chandrapur



### CERTIFICATE

This is to certify that the project report entitled "Comparison study of organic matter in cow manure with soil at leguminous and non-leguminous plant root area", submitted by Miss. Prabha Tarak Das, for the partial fulfillment of the requirement for the award of Degree of Master of Science (Chemistry) in Gondwana University, Gadchiroli for the academic year 2023-2024. This project is carried out by his under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 13/05/2024

Place: Chandrapur

Project Guide

Dr. Pranav V. Mandal

(Assistant professor)

Department of Chemistry,

Sardar Patel Mahavidyalaya, Chandrapur



# CERTIFICATE

This is to certify that the project report entitled "Synthesis and comparative study of phenytoin medicine from trend market and own library" submitted by Miss. Fiza Kausar I Sheikh, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by her under my supervision and not submitted earlier to any University/Institution for any diploma or degree.

Date: 13/05/2024

Place: Chandrapur

Project Guide

Dr. NIREN E KATHALE

(Associate professor) Department of Chemistry, Sardar Patel Mahavidyalaya,

Chandrapur





### CERTIFICATE

This is to certify that the project report entitled "To study the estimation of maltose using DNS reagent by colorimetric method" submitted by Miss.

Archana H. Rai, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by his under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 18/05/2024

Place: Chandrapur

24.9

Project Guide

Dr. Swapnil V.Madhamshettiwar
(Assistant professor)
Department of Chemistry,
Sardar Patel Mahavidyalaya,

Chandrapur

Deptt. of Chemistry ardar Patel Mahavidvalay, Chandrapa



## CERTIFICATE

This is to clarify that the project 'Mechanistic Investigation & Structural Elucidation of Tandem Aryl Benzoylhydrazone Synthesis from Aryl Benzaldehydes & Benzoin in Dimethylformamide' is an authentic record of my own research work earried out as requirements for the award of the degree of M.Sc. (Organic Chemistry) at Post Graduate Department of Chemistry, Sardar Patel Mahavidyalaya, Chandrapur under the guidance of Prof. Sunil. R.Chikte during the period of January –April 2024.

Date:

Mr. Jatin. S. Chhatrawani

It is certified that the above statement made by the student is correct to the best of our knowledge and belief.

Cuide

Prof. Sunil. R. Chikte Department of Chemistry Sardar Patel Mahavidyalaya,

Chandrapur

Head of Department

Dr. S. V. Madhamshettiwar

Department of Chemistry

Sardar Patel Mahavidyalaya,

Chandrapur



# CERTIFICATE

This is to certify that the project report entitled "Synthesis & Comparative Study of Aspirin & Curcumin from Trend Market & Own Laboratory" submitted by Miss. Akshata Bandu Jambhule, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 - 2024. This project is carried out by her under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 13/05/2024

Place: Chandrapur

Project Guide

lathely

DR. NIREN KATHALE

(Associate professor) Department of Chemistry, Sardar Patel Mahavidyalaya, Chandrapur



# CERTIFICATE

This is to certify that the project report entitled "SYNTHESIS AND COMPARATIVE STUDY OF PARACETAMOL FROM TREND MARKET AND OWN INDUSTRY" submitted by Ms.kavita tomanlal sahu, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 - 2024. This project is carried out by his under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 15/05/2024

Place:Chandrapur

roject Guide

Dr. NIREN KATHALE (Associated professor) Department of Chemistry,

Sardar Patel Mahavidyalaya,

Chandrapur



# CERTIFICATE

This is to certify that the project report entitled "DEGRADATION OF NYLON

-66 BY HYDROLYSIS METHOD" submitted by Mr. Anadi Jogesh Sarkar, for the partial fulfillment of the requirement for the award of Degree of Master of Science (Chemistry) in Gondwana University, Gadchiroli for the academic year 2023-2024. This project is carried out by his under my supervision and not submitted earlier to any University/Institution for any diploma or degree.

Date: 13/05/2024

Place:Chandrapur

Project Guide

Prof.Sunil R.Chikte (Assistant professor) Department of Chemistry, Sardar Patel Mahavidyalaya, Chandrapur



### CERTIFICATE

This is to certify that the project report entitled "An experimental study on photocatalytic degradation to Ramala lake water from toxic dye pollutant using Zn-dopped TiO2 nanoparticles" submitted by Miss.Nikita Shankar Tajane, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by his under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 13/05/2020

Place: Chandrapur

Project Guide

Dr. Raksha P. Dhankar

(Assistant professor)

Department of Chemistry, Sardar Patel Mahavidyalaya,

Chandrapur



This is to certify that the work presented in the project work entitled "ULTRASONIC STUDY OF BINARY MIXTURES OF SODIUM CHLORIDE AND AMMONIUM NITRATE" presented by Mr. Vishal D. Pachbhai, M.Sc. II Sem-IV (Chemistry) Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision. I found that present piece of work is suitable for submission to the University for Evaluation and award of M.Sc. Degree in Chemistry.

Place:-Chandrapur

Date - 29-04-24

Dr. S. V. Madhamshettiwar

Head of Department, Chemistry

Sardar Patel Mahavidyalaya,

Chandrapur

Head, Deptt. of Chemistry ardar Patel Mahavidyalaya

Chandrapu

Guided By

Dr. Vandana Giratkar/Khanke

Assistant Professor Department, Chemistry

Sardar Patel Mahavidyalaya,

Chandrapur



# CERTIFICATE

This is to certify that the project report entitled "Biosynthesis of Ni dopped Zinc Oxide nanoparticles by using Clitoria Ternatea (Aparajita) flower extract" submitted by Miss. Aasma Vinus Pathan, for the partial fulfilment of the requirement for the award of Degree of Master of Science (Chemistry)in Gondwana University, Gadchiroli for the academic year 2023 – 2024. This project is carried out by his under my supervision and not submitted earlier to any University/ Institution for any diploma or degree.

Date: 13/05/2024

Place: Chandrapur

Project Guide

Dr. Raksha P.Dhankar

(Assistant professor)

Department of Chemistry,

Sardar Patel Mahavidyalaya,

Chandrapur



This is to certify that Miss. Akanksha S. Bomkantiwar is a bonafied student of M.Sc. part II Semester IV (Chemistry) of this college for the session of 2023 – 2024. She has completed her project under the guidance of Dr. Dilip S. Wahane, on the topic Entitled "Phytochemical Analysis of some selected Medicinal Plants found in and around Tadoba forest." This project is submitted for partial fulfilment of the requirement for the award of degree of Master of Science in Chemistry submitted to the Gondwana University, Gadchiroli.

Date: 30/04/2024

Place: Chandrapur

Project Guide Dr. DILIP S. WAHANE

(Assistant professor)
Department of Chemistry,
Sardar Patel Mahavidyalaya,

Chandrapur

Dr. Dilip S. Wahane

Asst. Professor, Department of Chemistry Sardar Patel Mahavidyalaya, Chandrapur



This is to certify that Mr. Abhishek B. Shende is a bonafied student of M.Sc. part II Semester IV (Chemistry) of this college for the session of 2023 – 2024. He has completed his project under the guidance of Dr. Dilip S. Wahane, on the topic Entitled "Post-Production Evaluation of Branded and Generic Antibiotics Tablets". This project is submitted for partial fulfilment of the requirement for the award of degree of Master of Science in Chemistry submitted to the Gondwana University, Gadchiroli.

Date: 30/04/2024

Place: Chandrapur

Ped. N.S. Lare

Project Co-Guide
Prof. Nikhil S. Lohe
Department of Pharmaceutics
Hi-tech college of Pharmacy,
Chandrapur

Project Guide

Dr. DILIP S. WAHANE Sardar Patel Mahavidyalaya,

Chandrapur Dr. Dilip S. Wahane

Asst. Professor, Department of Chemistry Sardar Patel Mahavidyalaya, Chandrapur

Arn



# **CERTIFICATE**

This is to certify that the work presented in the project work entitled 
"THERMOACOUSTIC INVESTIGATION OF EFFECT OF POTASSIUM 
CHLORIDE ON AMMONIUM NITRATE" presented by Miss. Prachi D. Satone, 
M.Sc. II Sem-IV (Chemistry) Sardar Patel Mahavidyalaya, Chandrapur has been carried 
out under my guidance and supervision. I found that present piece of work is suitable for 
submission to the University for Evaluation and award of M.Sc. Degree in Chemistry.

Place: - Chandrapur

Date: 30-04-24

Dr. S. V. Madhamshettiwar

Head

Department of Chemistry Sardar Patel Mahavidyalaya, Chandrapur

Deptt, of Glemistry ardar Patel Mahavidyalayt

Chandrapus

Dr. Vandana Giratkar/ Khanke

Assistant Professor Department of Chemistry Sardar Patel Mahavidyalaya, Chandrapur

(m)

# A Field Project Report On Estimation and optimization methods for transportation networks



### Submitted To

Gondwana University, Gadchiroli For the partial fulfilment of the degree of

### MASTER OF SCIENCE (MATHEMATICS)

Submitted by

Miss. Shruti Dhanraj Chandekar M.SC, SEM-II (MATHEMATICS)

Under the supervision of

Dr. Ram Naresh Sisodiya

Head Department of Mathematics Sardar Patel Mahavidyalaya, Chandrapur



DEPARTMENT OF MATHEMATICS

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Session - 2023-24

#### A FIELD PROJECT REPORT ON

# An Interger Linear Programming Heuristic For

### The Travelling Salesman Problem



### Dissertation work submitted to,

The Gondwana University, Gadchiroli

For The Partial Fulfillment Of The Degree Of

### **MASTER OF SCIENCES (MATHEMATICS)**

### SUBMITTED BY

Miss .Pranali Suresh Ghate

M.sc.(part-I)SEM-II(MATHEMATICS)

### UNDER THE SUPERVISION OF

Dr.Ram Naresh Sisodiya

Department Of Mathematics

Sardar Patel Mahavidyalaya Chandrapur



# DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

Session:2023-2024

### A Field Project Report On

Exploring Solutions for the Optimal Assignment Problem: A Study on Existing Methods, Novel Approaches, and the Doubly Stochastic Polytope



### **Submitted To**

Gondwana University, Gadchiroli For the partial fulfilment of the degree of

### MASTER OF SCIENCE (MATHEMATICS)

Submitted by

Miss. Tejaswini Sudhakar Nikhade M.SC, SEM-II (MATHEMATICS)

Under the supervision of

Dr. Ram Naresh Sisodiya

Head Department of Mathematics

Sardar Patel Mahavidyalaya, Chandrapur



DEPARTMENT OF MATHEMATICS
SARDAR PATEL MAHAVIDYALAYA,
CHANDRAPUR

Session - 2023-24

### A FIELD PROJECT REPORT ON

Exploring Solutions for the Optimal Assignment Problem: A Study on Existing Methods, Novel Approaches, and the Doubly Stochastic Polytope



Dissertation work submitted to,

The Gondwana University, Gadchiroli for M.Sc. Sem-II in Mathematics

For the Partial fulfilment of the degree of

### MASTER OF SCIENCE (MATHEMATICS)

Submitted by

Miss. Zoya Parveen babbu sheikh

M.SC. SEM-II (MATHEMATICS)

Under the Supervision

Of

Dr. Ram Naresh Sisodiya

Head

Department of Mathematics



Sardar Patel Mahavidyalaya, Chandrapur DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR Session 2023-24

### A PROJECT REPORT ON

A Numerical Study of Game theory and applications connecting individual-level interactions to collective-level consequences

Dessertation work submitted to, Gondwana
University, Gadchiroli for M.Sc. Sem-II in Mathematics for the
partial fulfillment of the degree of
MASTER OF SCIENCE (MATHEMATICS)

Research by Miss. Shraddha. P. Bramhankar

> Msc. Sem II (mathematics) Sardar Patel Mahavidhyalaya Chandrapur

Research Supervisor Dr. Ramnaresh Sisodiya

Head Department of Mathematics Sardar Patel Mahavidhyalaya Cahandrapur



DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDHYALAYA CAHANDRAPUR

SESSION 2023 - 2024

### A FIELD PROJECT REPORT ON.

### Modern Sequential Decision Making Methods Using

### **Dynamic Programming**

Submitted to

GONDWANA UNIVERSITY, GADCHIROLI

For the partial fulfillment of the degree of

# MASTER OF SCIENCES (MATHEMATICS)



### SUBMITTED BY

Miss. Priyanka Balaji Tarale

M.Sc. (part -I) SEM - II (MATHEMATICS)

### RESEARCH GUIDE

Dr. Ram Narcsh Sisodiya



HEAD OF DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA ,CHANDRAPUR SESSION:2023-2024

### A FIELD PROJECT REPORT ON

The Dual Simplex method, Techniques For A Fast And Stable Implementation

Submitted to the Gondwana University, Gadchiroli

For The Partial Fulfillment Of The Degree Of

MASTER OF SCIENCES (MATHEMATICS)



### SUBMITTED BY

Miss.DHANSHREE PRAKASH BALKI M.sc (Part I) sem-II (Mathematics)

### **RESEARCH GUIDE**

Dr. Ram Naresh Sisodiya



# DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

Session 2023-2024

### A FIELD PROJECT REPORT ON

# "LINEAR PROGRAMMING WITH THE SIMPLEX ALGORITHM" Submitted to the Gondwana University, Gadchiroli

For The Partial Fulfillment Of The Degree Of MASTER OF SCIENCES (MATHEMATICS)



### SUBMITTED BY

Miss. Saba Zahir Hakim M.sc I sem-II

> Under The Guidence Of Dr. R.B. Sisaudiya



# DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

Session 2023-2024

### A FIELD PROJECT REPORT ON.

# "Analysis And Resolving Of The Transportation Problem"



### Dissertation work submitted to.

The Gondwana University Gadchiroli For the partial fulfillment of the degree of

### MASTER OF SCIENCE (MATHEMATICS)

### SUBMITTED BY

Miss. Pooja Manoj Muchilot M.Sc. (part -I) SEM – II (MATHEMATICS)

### RESEARCH GUIDE

Dr. Ram Naresh Sisodiya

Head Of Department Of Mathematics

Sardar Patel Mahavidyalaya, Chandrapur



DEPARTMENT OF MATHEMATICS
SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Session:2023-2024

### A FIELD PROJECT REPORT ON

Exploring Solutions for the Optimal Assignment Problem: A Study on Existing Methods, Novel Approaches, and the Doubly Stochastic Polytope



Dissertation work submitted to,

The Gondwana University, Gadehiroli for M.Sc. Sem-II in Mathematics

For the Partial fulfilment of the degree of

### MASTER OF SCIENCE (MATHEMATICS)

Submitted by

Miss. Shubhangi Sanjay Nikode

M.SC. SEM-II (MATHEMATICS)

Under the Supervision

Of

Dr. Ram Naresh Sisodiya

Head

Department of Mathematics



Sardar Patel Mahavidyalaya, Chandrapur DEPARTMENT OF MATHEMATICS SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Session 2023-24

This is to certify that Miss. Lina Anil Pendor is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Ajay S. Bele on the project entitled "Survey report on Non-Biodegradable Sanitary Napkins and Awareness in Naiknagar Village Tah.Rajura, Dist. Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwans University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/64/2024

PRINCHIAL

Sardar Patel Mahavidyalaya.

Chandrapur. Principal Border Patel Mahavidyalaya Chandrapur

This is to certify that Miss. Pallavi Dashwant Jiwtode is a bonafide student of Master of Science in Zoology of this college for the session of 2023- 2024. She has completed this dissertation under the guidance of Dr. Rajlaxmi Ranrag Kulkarni on the project entitled "Study of Animal Shelter Management System at Pyanr Foundation, District Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University. Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/09/2009

PRINCIPAL

Sardar Patel Mahavidyalaya.

Principal Berder Patter Marketdyslays Chandrapur

This is to certify that Miss. Sakshi Suresh Atram is a bonafide student of master of sezence in roology of this college for the sension 2023-2024. She has completed this description under the guidance of Dr. Rajlaxmi Ranrag Kulkarni on the project work entitled "To study the quantitative analysis of fluctuation in zooplanktons in Wardha river of Ballarpur, district Chandrapur, India."

This dissertation is being submitted to the Gondwana university, Gadehiroli in the partial fulfilment of the award of Master of science in zoology.

Place: Chandrapur

Date: 6 4 24

PRINCIPAL

Sardar Patel Mahavidyalaya

Principal Barder Patri Mahavidyalaya Chandrapur

This is to certify that Miss. Pornima Dipak Barapatre is a bonafide student of Master of Science in Zoology of this college for the session of 2023- 2024. She has completed this dissertation under the guidance of Dr. Rajlaxmi Ranrag Kulkarni on the project entitled "Study of Medicinal Plants in Junona region of Chandrapur District, Maharashtra, India."

This dissertation is being submitted to the Goodwana University, Gadchiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06-04-2024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chandrapur. Principal Bardar Patel Mahavidyalaya Chandrapur

This is to certify that Miss, Komal Suresh Chide is a bonafide student of Master of Science in Zoology of this college for the session of 2021-2024. She has completed this dissertation under the guidance of Dr. Rajlaxmi Ranrag Kulkarni on the project contied "Study the effects of Air Pollutants from Ambuja Cemant Industry on Human Health at the Upparwahi Village, Taluka Korpana, District Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapor

Dates 6-4-2024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chantileignur. Burdar Patel Mahavidyalaya Chandrapur

This is to certify that Miss. Heenafarin Mirza S Baig is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Rajlasmi Ranrag Kulkarni on the project entitled "Survey report on man-animal conflict in Ballarpur, Dist. Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gombwara University, Gadebiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06-04-2024

Sardar Patel Mahavidyalaya,

Chapteletaster. Sorder Patel Mehavidyaleya Chandragur

This is to certify that Miss. Prajakta Suthir Shende as a boosfide atodent of shester of Science in Zoology of this college for the session of 2023-2024. She has applied this dissertation under the guidance of Dr. Rajlaxmi Ranrag Kulkarni on the project entitled "Study of Rice Pest Management and Biological Control in and around, the Village of Sindewahi Tahsil, Dist. Chandrapur, Maharashtra, India."

This description is being submitted to the Gondwana University, Gadebiroli in the partial fulfillment of the award of Master of Science in Zoology.

Pface: Chandrapur

Date: 15-04-2014

PRINCIPAL Sardar Patel Malay Carlanaya.

Chandrapur.

This is to certify that Miss. Shravini Haban Barde is a bonafide endent of Master of Science in Zoology of this college for the session of 2023–2024. She has completed this dissertation under the guidance of Prof. Sandesh B. Patharde on the project entitled "To Study of Fish Diversity in Uma River, Mul. Dist. Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/04/5024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chalfeltrigal y. Berder Petel Mahavidyslaya Chandrapur

This is to certify that Miss. Mrunali Prakash Wadhankar is a bonafide student of source of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Prof. Sandash B. Patharde on the project entitled "Study of Bacterial and Viral Diseases on Plants in Tambegadi Mendha, Tah. Sindewahi, Dist. Chandrapor, Maharashtra, India".

This dissertation is being submitted to the Goodwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 6-4-2024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Sardar Patel Mahavidyalaya Chandrapur

This is to certify that Miss. Shraddha Santosh Dharne is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Ajay S. Bele on the project entitled "Survey of Nutritional Profile of Pregnant Women in and around Mohali Village, Tahsil Sindewahi, District Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwans University, Gadchiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/04/2024

PRINCIPAL

Sardar Patel Mahavidyalaya.

Charphrague Border Patel Mahavidyslays Chandrague

This is to certify that Miss. Shobha Bapu Birelli is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Ajay S.Bele on the project entitled "Study of Zooplankton and Phytoplankton Diversity in Ramanjapur West Land Lake, Tahsil Sironcha, District Gudchiroli, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/04/2024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chandragenr. Bardar Patel Mahavidyalaya Chandrapur

This is to certify that Miss. Dnyaneshwari Chaitanyashwar Korewar is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Prof. Sandesh B. Patharde on the project entitled "The Study Of Human Blood Preservation and Management in Tahsil Mul, District Chandrapur, Maharashtra India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06-04-2024

PRINCIPAL

Sardar Patel Mahavidyalaya.

Chandrapur. Principal Sardar Patel Mehavidyataya Chandrapur

This is to certify that Miss. Vaishnavi Rajeshwar Sirgire is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Ajay S. Bele on the project entitled "Butterfly Diversity in protected area of Tadoba National Park, Dist. Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in Zoology.

Place:Chandrapur

Date: 6/4/24

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chandepour. Border Patel Mahavidysteys. Chandrepur

This is to certify that Miss. Khushi Dewanand Marbate is a bonafide student of master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Dr. Ajay S. Bele on the project entitled "Study of Heterogeneity of Flora and Fauna in Lohara Lake, District Chandrapur, Maharashtra, India".

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfilment of the award of Master of Science in zoology.

Place: Chandrapur

Date: 05| 04|2024

PRINCIPAL

Sardar Patel Mahavidyalaya,

Surday Man Manual Surday Surday Chapdrapur

This is to certify that Miss, Jyuli Ajit Dhanvijay is a bounfide student of Master of Science in Zoology of this college for the sension of 2023-2024. She has complined this dissertation under the guidance of Prof. Sandesh B. Patharde on the project entitled "Study on Organic Farming and their types-(Integrated Organic Farming and Pure Organic Farming) in an around Shankarpur Village, Tah-Chimar, Dist-Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadehiroli in the partial fulfillment of the award of Master of Science in Zoology.

Place: Chandrapur

Date: 06/04/2824

PRINCIPAL

Sardar Patel Mahavidyalaya,

Chandrappii Sardar Patel Manavidyalaya Chandrapur

This is to certify that Miss. Gayatri Ramdas Mule is a bonafide student of Master of Science in Zoology of this college for the session of 2023-2024. She has completed this dissertation under the guidance of Prof. Sandesh B. Patharde on the project entitled "Study of Small Scale Pond Fish Farming in Manora Village, Tabsil Ballarpur, District Chandrapur, Maharashtra, India."

This dissertation is being submitted to the Gondwana University, Gadchiroli in the partial fulfilment of the award of Master of Science in Zoology

Place: Chandrapur

Date: 06 04 24

PRINCIPAL

Sardar Patel Mahavidyalaya,

Charparapur-Barder Patel Mahavidyalaya Chanurapur

# SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Arati Kishor Malokar is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed
her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

## "BACTERIOLOGICAL PROFILE OF SKIN-MOISTURIZING CREAMS AND LOTIONS

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master Of Science in Biotechnology

Graduer deel

Date: 06/03/24

Place: Chandrapur

Principal
Sardar Patel Mahavidyalaya
Dr. Chandrapur
Dr. M. Katkar

Principal

Sardar Patel Mahavidyalaya,

# SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Chetna Sanjay Giradkar is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "ISOLATION AND CHARACTERIZATION OF POTENTIAL PROBIOTIC LACTIC ACID BACTERIA ISOLATED FROM YOGHURT AND PREPARATION OF PROBIOTIC CHOCOLATE USING LACTOBACILLUS SPECIES"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology.

Benet Lake

Date: 27/03/2024

Place: Chandrapur

Dr. P. M. Katkar

Principal Sardar Patel Mahavidyalaya Chandrapur Sardar Patel Mahavidyalaya,

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Gayatri Gulabrao zade is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

"INVESTIGATION ON PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITY OF BRASSICA OLERACEA (CABBAGE)"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master Of Science in Biotechnology

Caluated ou

Date:

Place: Chandrapur

Dr. P. M. Kathar

Sardar Petel Mahavidyalaya Sardar Pchandragar

### SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLGY



#### CERTIFICATE

This is to certify that Miss Jayshri Prakash Aglave is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled "PHYTOCHEMICAL ANALYSIS AND ANTIBACTERIAL ACTIVITY OF LEAF EXTRACTS OF MURRAYA KOENIGII (CURRY LEAF)"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of

Master of Science in Biotechnology

Date: 19-3-2024

Place: Chandrapur

Dr. P. M. Katka Principal Sardar Pater Manavidyalaya Sardar Pater Manavidyalaya,

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Nikita Bhagwan Wankhede is a bonafide student of M.Sc Semester IV Biotechnology of this college for the session 2023-2024. She has completed, her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

"IN VITRO MICROPROPAGATION OF ALOE VERA"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master Of Science in

Biotechnology

garal hou

Principal \*
Sardar Patel Mahavidyalaya
Chandrapur
Dr. P. M. Katkar

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Date: 013/24

Place: Chandrapur

### SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLGY



#### CERTIFICATE

This is to certify that Miss Payal Ramuji Deotale is a bonafide student of M.Sc. Semester IV

Biotechnology of this college for the session 2023-2024. She has completed her

dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

"PHYTOCHEMICAL ANALYSIS AND ANTIBACTERIAL ACTIVITY OF SEEDS

EXTRACTS OF TRITICUM AESTIVUM (WHEAT)"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of

Master of Science in Biotechnology

Date:

Place: Chandrapur

Exalused 12/4/24

Principal

Sardar Patel Mahavidyalaya,

Chandrapur

Sardar Patel Mahayidaniaya Cham

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Prajakta Anandrao Dudhalkar is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

## "IN VITRO MICROPROPAGATION OF NYCTANTHES ARBORTRISTIS LINN"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology

Samuel 14

Dr. P. M. Katkar

Principal
Sardar Patel Mahavidyalaya
Sardar Patel Mahavidyalaya,

Chandrapur

Date: 22/3/24

Place: Chandrapur

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Riteshwari Kapildas Meshram is a bonafide student of M.Sc. Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

"IN VITRO MICROPROPAGATION OF MIMOSA PUDICA L."

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in Biotechnology

Galuetal ganilalah

Date: 26/03/24

Place: Chandrapur

Dr. P. M. Katkar

Arincipal
Sardar Patel Mahavidyalaya
Sardar Pohahtrapuryalaya,

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

#### POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss Sanjana Waman Gajbhe is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

### "DEVELOPMENT OF PROBIOTICATION OF FRUIT JUICE BY LACTOBACILLUS ACIDOPHILUS"

This dissertation is being submitted to Gondwana University, Gadehiroli for the partial fulfillment of the requirement for the award of degree of Master of Science in

Biotechnology

Gealuated 24

Date: 22/03/24

Place: Chandrapur

Dr. P. M. Katker

Principal Sardar Patel Mahavidyalaye Sardar Chahdrapuridyalaya,

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss. Shital K Meshram is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

#### "PRODUCTION OF VINEGAR FROM PAPAYA"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master Of Science in

Biotechnology

Date: 1913124

Place: Chandrapur

Dr. P. M. Katkar

Principal
Sardar Patel Mahavidyalaya
Sardar Chunth Mahavidyalaya,

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLGY



#### CERTIFICATE

This is to certify that Miss Sonali V. Tamatkar is a bonafide student of M.Sc. Semester IV

Biotechnology of this college for the session 2023-2024. She has completed her

dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

"PHYTOCHEMICAL ANALYSIS ANTIBACTERIAL ACTIVITY OF SEEDS

EXTRACT OF CITRULLUS LANATUS (WATERMELON)"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of degree of

Master of Science in Biotechnology

Dr. P. M. Katkar

Sardar Patel Mahavidyalaya Sardar Ghandrapuridyalaya,

Chandrapur

Date: 19-3-24

Place: Chandrapur

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



This is to certify that Miss VRUSHALI R. MALKHEDE is a Bonafide Student of M.Sc. II Semester IV (Biotechnology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Dr. Vijay S. Wadhai on the project entitled, "BIOSORPTION OF HEAVY METAL USING BACTERIA AND FUNGI ISOLATED FROM SOIL".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in Master of Science in Biotechnology.

Gradua Jalan

Place: Chandrapur

Date: 19/03/2024

Dr. P.M. Katkar

Principal Sardar Patel Mahavid Sardar Patel Mahavid

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY



#### CERTIFICATE

This is to certify that Miss. Sakshi Deorao Chanekar is a bonafide student of M.Sc.

Semester IV Biotechnology of this college for the session 2023-2024. She has completed
her dissertation under the guidance of Dr. V. S. Wadhai on the project entitled

#### "PROPAGATION OF TOMATO VIA TISSUE CULTURE"

This dissertation is being submitted to Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of degree of Master Of Science in Biotechnology

Date:

Place: Chandrapur

Dr. P. M. Katkar

Principal
Sardar Patel Mahavidyalan
Chandraous

This is certify that the work presented in the project work entitled "Study of Effect of dysprosium substitution on structural properties of NiFe<sub>2</sub>O<sub>4</sub> Nanoferrites" presented by Miss. Shruti R. Dhoke, M.Sc.-II Yr (Sem- IV) Physics. Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance of supervision. I found that the presence piece of work is suitable for the submission to the University for evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date: 14/04/2024

Research Guide:

Dr. Sanjay P. Ramteke

Associate Professor,

Department of Physics

Sardar Patel Mahavidyalaya,

This is certified that the work presented in the project work entitled "SYNTHESIS AND PHOTOCATALYTIC STUDY OF SPINEL FERRITES Sm. Cut., Fe2O4" to by Miss. Vedanti Kishor Chichmalkar M.Sc. Sem-IV (Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission of to the University for Evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date: 14/04/201

Dr. Sanjay P. Ramteke

(Associate Professor)

Department Of Physics

Sardar Patel Mahavidyalaya,

Chandrapur

Dr. Ur Vastti Manik

(Head Department of Missies)

This is certified that the work presented in the project work entitled "Study of DyxCuFe2-xO4 Impact of dysprosium doping on structural and optical properties of CuFe<sub>2</sub>O<sub>4</sub> Nanoferrites" Presented by Miss. Kedareshwari Suresh Dayalwar, M.sc.Sem - IV (PHYSICS). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that presence piece of work is suitable for the submission to the University for Evaluation and award of M.Sc. Degree in Physics

Place - Chandrapur

Date - 14/04/2024

Research Guide:

Dr. Sanjay P.

Associate Professor

Department of

Sardar Patel

Chandrapur

Ramteke

Physics

Mahavidyalaya,

This is certify that the work presented in the project work entitled "Synthesis, Morphological & Properties of SmxBitxFeO3 for Photovoltaic application" presented by Mr. Sandeep G. Rai, M.Sc.-II Yr (Sem-IV) Physics. Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance of supervision. I found that the presence piece of work is suitable for the submission to the University for evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date: 14/04/ 2024

Research Guide:

Dr. Sanjay P. Ramteke

Associate Professor,

Department of Physics

Sardar Patel Mahavidyalaya,

This is certified that the work presented in the project work entitled "STRUCTURAL, MORPHOLOGICAL AND MAGNETIC STUDY OF Dy<sub>x</sub>Cu<sub>1-x</sub>Fe<sub>2</sub>O<sub>4</sub> FOR PHOTOCATALYTIC APPLICATION". TO by Miss. Sneha Pravin Kamble M.Sc. Sem-IV (Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission of to the University for Evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date: 14/04/2024

Dr. Sanjay P. Ramteke

(Associate Professor)

Department Of Physics

Sardar Patel Mahavidyalaya,

Chandrapur

Dr. Urvashi Manik

(Head of Department of Physics)

Sardar Patel Mahawadyalaya,

Department of Physics S.P. College, Chandrapur

This certify that the work presented in this project entitled "SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Eu3+ DOPED [ Li2BaP2O2]", by Miss. Monali D. Lonbale carried out under my supervision, it is her own work and is up to standard of the degree of MASTER OF SCIENCE IN PHYSICS in the faculty of science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 15-04-2024

Dr. Urvashi P. Manik

Head of Department

Conn. Of Physics ysics Sardar Patel Mahavidyalaya,

#### Certificate

This certify that the work presented in this project entitled "Photoluminescence study of SrAl<sub>2</sub>O<sub>4</sub>:Ce<sup>3+</sup> synthesized by solid state method" by Miss.Swati Namdeo Wadghane carried out under my supervisor mam, it is her own works and is up to standard of the degree of master of science in physics in the faculty of science to Gondwana University Gadchiroli.

Place:

Date: 13/04/23

Dr. Varsha C. Thakre

Supervisor (Department of physics).

Sardar Patel Mahavidyalaya,

Chandrapur

Dr. Urvashi Manik Urvashi P Head of Department of Physics Sardar Patel Mahavidyalaya,

This certify that the work presented in this project entitled "PHOTOLUMINESCENCE STUDY OF SrAl<sub>2</sub>O<sub>4</sub>: Sm<sup>3+</sup> AND SrAl<sub>2</sub>O<sub>4</sub>: Sm<sup>3+</sup>, Na SYNTHESIZED BY SOLID STATE METHOD ", by Miss. Sakshi S. Urkude carried out under my supervision, it is her own works and is up to standard of the degree of MASTER OF SCIENCE IN PHYSICS in the faculty of science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 13-4-23

Dr. Varsha Thakre

(Supervisor)

Department of physics,

Sardar Patel Mahavidyalaya,

Chandrapur.

Dr. Urvashi Manikik

sardar Patel Mahavidyalaya,

This is to certify that the work, presented in the project work entitled -PHOTOLUMINESCENCE STUDY OF BaAl<sub>2</sub>O<sub>4</sub> DOPED WITH Sm3" SYNTHESIZED BY SOLID STATE METHOD" presented by Mr. Vinay Sanjay Dawar M.Sc. Sem-IV (Physics) Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that the present piece of work is suitable for submission to the University for Evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date: 13/04/24

Prof. Varsha Thakre

(Supervisor)

Department of Physics Sardar Patel Mahavidyalaya

Chandrapur

Department of Physics

Department of Physics apur Sardar Patel Mahavidyalaya

This certify that the work presented in this project entitled PHOTO-LUMINESCENCE STUDY OF [BaAl2O4] DOPED WITH Ce3+AND CODOPED WITH Na." By Miss. Anjali L. Banwade carried out under my supervision, is her own works and if up to standard of the degree of MASTER OF SCIENCE in PHYSICS in the faculty of science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 13-04-2024

Dr. Varsha C. Thakre

(Supervisor)

Department of physics Sardar Patel Mahavidyalaya

Chandrapur

Dr. Urvashi Manik

Head of department of physics Sardar Patel Mahavidyalaya S.P. Chandrapundrapur

This is to certify that the work presented in this thesis entitled "A relative evaluation of the Thermoacoustic act of Acetamide in saline salt solution at different temperature" is the own and original work of Miss. Riya Subhash Tumram, carried out under my supervision. The work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree to the best of my knowledge.

Date: - 15/04/2024

Place: - Chandrapur

Co-Guide,

Department of Physics, Sardar Patel Mahavidyalaya, Chandrapur Dr. Urvashi P. Manik

Professor and Head, 5 Department of Physics,

Sardar Patel Mahavidyalaya, Chandrapur

This is to certify that the work presented in this thesis entitled "Acoustical Studies on Binary Mixture of Ascorbic Acid in Two Different Salts (NaCl and MgCl2) Using Ultrasonic Technique: A Comparative Study" is the own and original work of Mr. Vikas Sunil Buradkar, carried out under my supervision. The work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree to the best of my knowledge.

Place: - Chandrapur

Date: - 15/04/2024

Dr. Parifosh L. Mishra

Co-Guide.

Department of Physics, Sardar Patel Mahavidyalaya, Chandrapur

Department at Chysteraput Sardar Patel Mahavidyalaya, Chandrapur

This is to certify that the work presented in this thesis entitled "Comparative Evaluation of Volumetric and Acoustical Properties of Dextrose in Aqueous Solution of Saline Salts (NaCl/KCl) at Various Temperature Using Ultrasonic Tactic" is the own and original work of Miss. Anjali Bandu Gudpalle was carried out under my supervision. To the best of my knowledge, the work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree.

Date: - 15/04/2024

Place: - Chandrapur

Dr. Paritosh L. Mishra

Co-Guide,

Department of Physics,

Sardar Patel Mahavidyalaya, Chandrapur

Dr. Urvashi P. Manik

MARION Un's Professor and Head,

Department of Physics,

Sardar Patel Mahavidyalaya, Chandrapur

This is to certify that the work presented in this thesis entitled "Comparitive Analysis of Physicochemical parameters of binary liquid mixture of Amino Acetic Acid and Salt Solution" is the own and original work of Miss. Manisha Shankar Gajjela, carried out under my supervision. The work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree to the best of my knowledge.

Date: - 15/04/24

Place: - Chandrapur

Dr. Paritosh L. Mishra

Co-Guide.

Department of Physics, Sardar Patel Mahavidyalaya, Chandrapur Dr. Uzvashi P. Manik

Unrashi Guide Vianik

Professor and Head,

Department of Physics,

Sardar Patel Mallavidyalaya, Chandrapur

This is to certify that the work presented in this thesis entitled "Determination of Thermo-Acoustical Properties is view to exhibit the nature and interaction of Ascorbic Acid in aqueous (Glycine & Glucose) media: A Comparative Study" is the own and original work of Miss. Shrilekha Satyanarayana Mutyala, carried out under my supervision. The work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree to the best of my knowledge.

Date: - 15/04/2024 Place: - Chandrapur

Dr. Paritosh L. Mishra

Co-Guide. Department of Physics,

Sardar Patel Mahavidyalaya, Chandrapur

Professor and Heads Department of Physics,

Sardar Patel Mahavidyalaya, Chandrapur

This is to certify that the work presented in this thesis entitled "Thermo-Acoustic Properties of Glucose in the solution of Ionic Salts at different Temperature and Concentration: A Comparative Study" is the own and original work of Miss.Sadaf Nafis Ahmed Ansari, carried out under my supervision. The work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree to the best of my knowledge.

Date: - 15/04/2024

Place: - Chandrapur

Dr. Paritosh L. Mishra

Co-Guide,

Department of Physics, Sardar Patel Mahavidyalaya, Chandrapur Dr. Urvashi P. Manik

Guide

Professor and Head,

Department of Physics anik Sardar Patel Mohavid valaya, Chandrapur

Department of Physics S.P College, Chandrapur

This certify that the work presented in this project entitled "Structure, Luminescence Properties and Energy Transfer of Eu3+-Sm3+Codoped Li2BaP2O7 Phosphors", by Miss. Mahima Kishor Choudhari carried out under my supervision, it is her own works and is up to standard of the degree of MASTER OF SCIENCE IN PHYSICS in the Faculty of Science to Gondwana University, Gadchiroli.

Place: chandrapur

Date: 15/04/24

Dr. Fryashi Manik Desardar Palef Mahavidyalaya, S.P. College, Chandraptyalaya, Chandrapur

This certify that the work presented in this project entitled "STUDY OF OPTICAL PROPERTIES OF [KAIP2O7] DOPED WITH Sm3+ " by Miss. Chetana Sanjay Dhawas carried out under my supervision, is her own work and is up to standard of the degree of MASTER OF SCIENCE in PHYSICS in the Faculty of Science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 15/04/2024

Dr. Urvashi P. Manik

Head department of Physics

Sardar Patel Mahavidyalaya, Chandrapur Department of Physics S.P College, Chandrapur

This is to certify that the work presented in this thesis entitled se in Aqueous Solution of Sodium Sulfate (Na2SO4) at Various Temperature Using Ultrasonic Tactic" is the own and original work of Miss. Samiksha Rajendra Donge was carried out under my supervision. To the best of my knowledge, the work embodied in this thesis has not been submitted earlier to any University/Institution for any Degree.

Date: -

Place: - Chandrapur

Dr. Urvashi P. Manik

Dr. Paritosh L. Mishra Co-Guide,

Department of Physics, Sardar Patel Mahavidyalaya, Chandrapur

Hofessor and Head Department of Physics, sics

Sardar Pates Mahovidyahiya, Chandripur

This is to certify that the work presented in this project entitled" STUDY OF OPTICAL PROPERTIES OF [Li2BaP2O7] DOPED WITH Sm3+"by Miss. Durga Dilip Bhojekar carried out under my supervision, is her own work and is up to standard of the degree of MASTER OF SCIENCE in PHYSICS in the Faculty of Science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 15/04/2024

Dr. Urvashi P. Manik

Head anik

Department of Physics

Sardar Patel Mahavidyalaya, Chandrapur

This is to certify that the work presented in the project entitled "LOW TEMPERATURE SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF KAIP2O7 ACTIVATED WITH Eu3+7 by Miss. Nalini Suresh Raut, carried out under my supervison, is her own work and is up to the standard of degree of Master of Science in Physics in Faculty of Science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 13|4| 24

Head of Department of Physics

Sardar Patel Mahavidyalaya

This is to certify that the work Presented in this Project entitled "LOW TEMPERATURE SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF KAIP2O7 ACTIVATED WITH Sm3+ /Eu3+" by Miss. Tejaswina Ganesh Parchake, Carried Out under my Supervision is her own work and is up to standard of the degree of MASTER OF SCIENCE IN PHYSICS in the Faculty of Science to Gondwana University, Gadchiroli.

Place: chandrapur

Date: 15-4-2024

Dr. Ugyashi manik

Head of Department

Of Physics

thvashi P Manik HeaSardar Patel Mahavidyala,

Department of Physics 5.F College, Chan Chandrapur.

#### DECLARATION

I, hereby declare that the work presented in the project work (Dissertation) entitled "A Study of Lightning analysis Lightning analysis in Chandrapur City, Vidarbha, Maharashtra(1979-2020)" has been carried out by me under the guidance of Rahul K. Kamble Assistant Professor, Post Graduate Department of Environmental Science, Sardar Patel Mahavidyalaya, Chandrapur. The work was carried out and submitted for the partial fulfilment of the M.Sc. Environmental Science degree to be awarded by Gondwana University, Gadchiroli.

The work reported in this dissertation has not been submitted in part or full for any degree, diploma or a certificate of any university.

Place: chandrapur

Date: 13104124

(Payal Suresh Dolaskar)

M.Sc. Final year P G Department of Environmental Science Sardar Patel Mahavidyalaya, Chandrapur

CERTIFIED

(Rahul K. Kamble)

Associate Professer and Superviser
PG Department of Environmental Science
Sardar Patel Mahavidyalaya
Chandrapur 442 402

(Dr. Kavita S. Raipurkar)

PG Department of Environmental Science Sardar Patel Mahavidyalaya

> Dr. Kavitta Birkar Professor and Head Dept. of Env. Science Sardar Patel Mahavidyalaya Chandrapur

#### DECLARATION

I, hereby declare that the work presented in the project work (Dissertation) entitled "A study of heatwave analysis and its health impact in Chandrapur City, Maharashtra" has been carried out by me under the supervision of Rahul K. Kamble, Associate Professor, Post Graduate Department of Environmental Science, Sardar Patel Mahavidyalaya, Chandrapur. The work was carried out and submitted for the partial fulfilment of the M.Sc. degree in Environmental Science degree to be awarded by Gondwana University, Gadchiroli.

The work reported in this dissertation has not been submitted in part or full for any degree, diploma or a certificate of any university.

Pragati Gulab Darunkar

M.Sc. Final year

P G Department of Environmental Science Sardar Patel Mahavidyalaya, Chandrapur

CERTIFIED

Rahul K. Kamble

Associate Professer and Superviser

[Dr. (Ms.) Kavita S. Raipurkar]

Professer and Head

PG Department of Environmental Science

Sardar Patel Mahavidyalaya

Dr. Kavita St Raipurkar
Professor and Head
Dept. of Env. Science
Sardar Patel Mahavidyalaya
Chandrapur

### DECLARATION

I, hereby declare that the work presented in the project work (Dissertation) entitled "Assessing Potassium Levels in Groundwater: A case study of Chandrapur district, Maharashtra" has been carried out by me under the guidance of Dr. (Ms) Kavita S. Raipurkar Professor, Post Graduate Department of Environmental Science, Sardar Patel Mahavidyalaya, Chandrapur. The work was carried out and submitted for the partial fulfilment of the M.Sc. Environmental Science degree to be awarded by Gondwana University, Gadchiroli.

The work reported in this dissertation has not been submitted in part or full for any degree, diploma or a certificate of any university.

ce hahare

(Pratidnya Anil Chahare)

M.Sc. Final year

P G Department of Environmental Science Sardar Patel Mahavidyalaya, Chandrapur

CERTIFIED

13/04/24 Dr. (Ms) Kavita S. Raipurkar

Professer and Superviser

PG Department of Environmental Science

Sardar Patel Mahavidyalaya

Dr. Kavita S. Raipurkar Professor and Head Dept. of Env. Science Sardar Patel Mahavidyalaya Chandrapur

This is to certify that the work presented in the Project work entitled Exploring Sodium Levels in Groundwater Sources of Chandrapur District, Maharashtra presented by Miss Gayatri Vinod Jagnade M.Sc. II Year. (Environmental science) Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that the present piece of work is suitable for submission to Gondwana University, Gadchiroli for evaluating and award of M.Sc. Degree in Environmental Science.

Place: Chandrapur

Date:

Guide

Ms. Kavita S. Raipurkar

Prof and Head

Department of Env. Science

Sardar Patel Mahavidyalaya

Dr. Kavita SelBainurkar
Professor and Head
Dept. of Env. Science
Sardar Patel Mahavidyalaya
Chandrapur



This is to certify that Mr. Aditya Sunil Balchanne is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. He has completed his dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, "PRODUCTION OF BIOGAS FROM MICROBIAL LABORATORY CULTURE MEDIA WASTE, ANALYSIS OF METHANOGENS AND DIGESTED SLURRY UTILISATION AS BIOFERTIZER". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillmentof—requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 19/03/2024

Dr. P.M. Katker

Principal
Serdar Pater Mahavidyalaya
Chandrapur
Sardar Patel Mahavidyalaya,



This is to certify that Miss Shrutika V. Bute is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, "ANTIBACTERIAL ACTIVITY AND PHYTOCHEMICAL ANALYSIS OF CLITORIA TERNATEA LEAVES EXTRACT AGAINST PATHOGENIC MICROORGANISMS. This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 19/03/2024

Dr.P.M.Katkar

Dr.P.M.Katkar

Serdar Patel Mahavidyalaya Sardar PiGhandrapvidyalaya

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY



This is to certify that Miss Sufra ,S. Ghauri is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. S. Wadhai on the project entitle, "PURIFICATION AND CHARACTERIZATION OF ALKALINE PROTEASE FROM BACILLUS SUBTILIS AND ITS USE AS LAUNDRY DETERGENT ADDITIVE. This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date:

Principal Santar Peter Mahayidyalaya Chandrapur

Principal

Sardar Patel Mahavidyalaya,

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY





This is to certify that Miss SAMRUDHI S. GIRADKAR is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) P. R. BORKAR on the project entitle, "CHANDRAPUR FERRO ALLOY PLANT WASTES TOXICITY REMOVAL BY BIOREMEDIATION".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of science in Microbiology.

Place: Chandrapur

Date:

PriRegipal Sardar Patel Mahavidyalaya Sardar Chandeanuvidyalaya,

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY



This is to certify that Miss. Sakshi B. Hajare is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. S. Wadhai on the project entitle, "PRODUCTION OF ALPHA AMYLASE FROM ASPERGILLUS NIGER BY USING POTATO PEELS". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Evaluated

Dr. R. W. Gadpayle.

Date:

Dr. PPMhdipalkar Sardar Patel Mahavidyalaya rChandrapur

Sardar Patel Mahavidyalaya,

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY



This is to certify that Miss Vaishnavi .H. Halkare is a bonafide student of M. Sc. Semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. Dr. Prakash Borkar on the project entitle, "INVESTIGATING CONTAGIOUS PATHOGENS IN SLT SPITTING: A REPORT ON CHANDRAPUR CITY (M.S)." This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date:

Dr. P. M. Katkar

Sardar Patel Mahavidyalaya Sardar Patel Mahavidyalaya



This is to certify that Miss Suruchi H. Hepat is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. S. Wadhai on the project entitle, "IN VITRO STUDY OF ANTIBACTERIAL ACTIVITY OF CARISSA CARANDAS LEAF EXTRACT".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of science in Microbiology.

Place: Chandrapur

Date:

Dr. P. M. Katkar

Principal

Sardar Patel Mahavidyalaya,



This is to certify that Miss Bulbul Ganesh Karmankar is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, "ANTIBACTERIAL ACTIVITY AND PHYTOCHEMICAL ANALYSIS OF DIOSCOREA BULBIFERA (LINN) TUBER AND PEEL AGAINST PATHOGENIC MICROORGANISMS. This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date:

Principa Sardar Patel Mahavidyalaya Chandrapukar

Principal

Sardar Patel Mahavidyalaya,



This is to certify that Miss Khan Saniya Jabin Sharif is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, "PRODUCTION AND ANALYSIS OF MULTI-UTILITY BIO-ENZYME FROM FRUIT PEELS USING BACTERIA AND YEAST". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 05 3 20 24

Dr. P.M. Katkar

Principal Sardar Patel Wanavidyalaya Sardar Patel Wanavidyalaya,

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY



This is to certify that Miss Gunjan M. Kshirsagar is a bonafide student of M. Sc. Semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. S. Wadhai on the project entitled, "MICROBIAL SAFETY ASSESSMENT AND ANTIBIOTIC RESISTANCE PREVALENCE IN BACTERIAL PATHOGENS ISOLATED FROM STREET VENDED FOODS". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 22 03 2024

Dr. P. M. Batkar

Sardar Patel Mahavidyalaya Sardar Patel Mahavidyalaya,



This is to certify that Miss.KALYANI N. MADURWAR is a bonafide student of M.Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. U. Thool on the project entitle, "ASSOCIATION BETWEEN ABO BLOOD GROUP AND CANCER RISK: SYSTEMATIC REVIEW AND META-ANALYSIS".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of science in Microbiology.

Place:Chandrapur

Date: 05/03/2024

Dr. P. M. Katkar

Principal

Sardar Patel Mahavidyalaya, Principal

Sarden Rater Mahavieyalaya Chandrapur



This is to certify Miss Yashshree A. Niwalkar a bonafide student of M.Sc. Semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V. U. Thool on the project entitled "COMPREHENSIVE ASSESSMENT OF HEALTH RISKS ASSOCIATED WITH LONG-TERM DUST EXPOSURE IN COAL MINES, INCLUDING A SPECIFIC STUDY OF FUNGAL IMPACT ON COAL MINER MICROFLORA."

This dissertation is being submitted to the Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of Degree in Master of Science in Microbiology.

Evaluated Bull on the awar.

Principal
Sardar Patel Mahavidyalaya
Dr. PCharateagur

Principal
SardarPatel Mahavidyalaya,
Chahdrapur.

Place: Chandrapur

Date:



This is to certify that MIss Samrin S. Pathan is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) V. S. Wadhai on the project entitle, "PHYTOCHEMICAL AND ANTIMICROBIAL SCREENING OF FICUS SUR. This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date:

DE P. M. TEMPT

Principal

Sardar Patel Mahavidyalaya,

Chandrapur Principal Sardar Patel Mahavidyalaya Chandrapur



This is to certify that Miss Pranali Vilas Pode is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, "PRODUCTION OF ENZYME PECTINASE USING ORANGE PEELS UNDER SUBMERGED FERMENTATION BY USING BACILLUS SUBTILIS SPECIES." This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 05-03-2024

Dr. P.M. Katkar

Principal

Sardar Patel Mahavidyalaya, Principal Sardar Patel Mateuvidyalaya Chandrapur

#### POST GRADUATE DEPARTMENT OF MICROBIOLOGY





This is to certify that Miss PRIYANKA P.PRUSTY is a bonafide student of M. Sc. Semester IV (Microbiology) of this collage for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr) P. R. BORKAR on the project entitle, "HEALTH AND HYGIENE STATUS OF GARBAGE PICKERS IN CHANDRAPUR CITY".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirements for the award of Degree in Master of science in Microbiology.

K. W. Gadparle

Place: Chandrapur

Date : 200000

Dr. P. M. Katler-Principal

Sardari Ratel Mahavidyalaye

Chandrapur Sardar Patel Mahavidyalaya,



This is to certify that Miss. Punam Rushi Alam is a bonafide student of M.Sc. semester IV(Microbiology) of this college for the session of 2023-2024. He has completed his dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitled, "ISOLATION OF ANTIBIOTIC PRODUCING ACTINOMYCETES FROM RHIZOSPHERIC SOIL". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of requirement for the award of Degree in Master of Science in Microbiology.

Place:Chandrapur

Date:

Dr.P.M.Katkar

Sardar Patel Manavidyalaya Chandrapur SardarPatelMahavidyalaya,



This is to certify that Miss Noorie Fatima Md. Riyaz Qureshi is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V.S. Wadhai on the project entitle, " ECO-FRIENDLY ANTIBACTERIAL FINISHING OF COTTON FABRIC USING GILOY (TINOSPORA CORDIFOLIA) (EXTRACT". This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfillment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date:

Dr. P.M. Katkar

Principani Sardar Patel Mahavidyalaya Chandrapor vidyalaya,



This is to certify that Miss Sakshi D. Sakharkar is a bonafide student of M.Sc. semester IV (Microbiology) of this college for the session of 2023-2024. She has completed her dissertation under the guidance of Prof. (Dr.) V. S. Wadhai on the project entitle, "ANALYZING THE OCCURRENCE AND ANTIBIOTIC SUSCEPTIBILITY PATTERNS OF BACTERIAL ISOLATES OBTAINED FROM FEMALE PATIENTS VIA HIGH VAGINAL SWABS".

This dissertation being submitted to the Gondwana University, Gadchiroli for the partial fulfilment of the requirement for the award of Degree in Master of Science in Microbiology.

Place: Chandrapur

Date: 22/03/2024

Evaluated Evaluated Dr. R.D. Gadragle

Dr. P. M. Kathar

Principall Sardar Patel Mahavidyalaya Sardar Patel Mahavidyalaya,

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that SUMIT M RAUT, TANMAY K RAMTEKE & ARYAN R BOREKAR are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Traffic Diversion System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/4/2024

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

External Examiner

Internal Examiner

Department of Computer Studies and Research

## CERTIFICATE

This is to certify that SHREYASH S. VAIRAGADE, ROHIT A. WANKAR & VIJAY C. CHAUDHARI are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Computerised Surveys of a Product" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Yea.

Date: 13 /04/2024

Place: Chandrapur.

Dr. S. B. Kishor

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

## CERTIFICATE

This is to certify that SUMIT B. KHOBRAGADE, SWAPNIL M. RAMTEKE & PRASHIK A. BHAGAT are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Multiplex Ticket Booking System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/4/2024

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

## CERTIFICATE

This is to certify Mr. Pranay B. Sapat, Mr. Aditya D. Gaydhan, Mr. Aditya S. Chaple are the bonafied students of BCA III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "CAR FINANCE SYSTEM FOR CAR LOAN COMPANIES" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /4/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that HARSHAL S. LINGALA, VAISHNAVI M.KHADE & KARTIK A. PIPARWAR are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Meals Supplier in Hostel" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify Miss. Ekta A. Mangrulkar, Miss. Bushra H. Sheikh, Miss. Dipali Chavhan are the bonafied students of BCA III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "CHESS GAME LEARNERS ACADEMY" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of **BCA III** Year.

Date: 13 /24/24

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify Mr. Yash Jivan Regundwar, Miss. Chetana Gopalsingh Rao, Miss. Prachi Ravindra Vidhate are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "AIRLINES TICKET BOOKING" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /64/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that AARTI VINOD YADAV,POOJA RAVINDRA ASEKAR,AMAN SANTRAM RAJAK are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Digital Assistant For Kids Learning" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/24

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

External Examiner

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that MR. MOHIT S. BAR, MR. MD OWAIS T. BANDALY, MR. VENKATESH G. MUDMADGAL are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Digital Personal Assistant" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/04/2024

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that MR. HITESH G ASUTKAR, MR. GAURAV D AMBADE & MR. KUNAL G SHENDE are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Digital Parking System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of **B.C.A** III Year.

Date: 13 /04/2024

Place: Chandrapur

Internal Examiner

DR. S. B. KISHOR (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that ROHAN RAVINDRA KOMAJPILLEWAR, SHIVAM KAILASH LOKHANDE & AMISH RAJU HOKAM are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Computerised Surveys of a Product" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13/04/2024

Place: Chandrapur.

Dr. 8. B. Kishor

(Project Guide)

Internal Examiner

### CERTIFICATE

This is to certify that RIDDHI.V.LADEKAR, KHUSHI.V.RAHI, DEEPA OMPRAKASH GOND are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Government Ration Shop Department" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /4/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that Miss. Aditi Deepak Vishwakarma, Miss. Karina Gurudeo Duryodhan, Miss. Meghna Dharmendra Dhote are the bonafied students of BCA-III year of this college for the session 2023-2024. They have completed their Project Work entitled "MINIBUS BOOKING SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA - III year

Date: 13/4/2024

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that NAMRATA R. ANKAR ; PRANALI S. CHANNE, SHREYA V. GEDAM-are the bonafied students of B.C.A - III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "FINE-COLLECTION DETAILS BY RTO" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/4/2024

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that Harshal V Turankar, Saikumar K Panjalwar, Sairam P Kaliwar are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled " Computer Service Maintenance" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/ 2024

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

Dorkhande, Miss. Esha Pandurang Dorkhande, Miss. Vaibhavi Vasudev Meshram are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "COMPUTERIZED COFFEE SHOP MANAGEMENT" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### **CERTIFICATE**

This is to certify that Mr. Amar A. Dhali, Mr. Hemraj B. Nishad, Mr. Deepak B. Yadav are the benefited students of BCA – III (Sem VI) of this college for the session 2023-24. They have completed their Project Work entitled "RTO Management System" approved by the Department under the condition that it is not copied from any source.

This Project report is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA-III Final year.

Date: 13 /04/2024

Place: Chandrapur.

Dr. S. B. Kishor

(Project Guide)

Internal Examiner

(sple

DepartmentofComputerStudiesandResearch

### CERTIFICATE

This is to certify that Mayuresh O. Misar, Kamlesh V. Telang& Karan R. Bhoganle are the bonafied students of BCA IIIYear of this college for the session 2023 - 2024

They have completed their Project Work entitled "Vehicle Gate Pass For Factory" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the Requirement for the award of BCA IIIYear.

Date:/5/4/24

Place: Chandrapur.

Dr.S.B.Kishor

ProjectGuide

Internal Examiner External Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr. Abhinay Devidas Jondhale, Mr. Om Arvind Gudpalle, Mr. Supraj Moreshwar Gelkiwar are the bonafied students of BCA III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "HOSPITAL STAFF MANAGEMENT "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /04/24

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

External Examiner

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that AYUSH MURLIDHAR BHISIKAR,

PRATIK PUNDALIK KHOND & ROHIT HIRAMAN BISWAS are the
bonafied students of BCA III Year of this college for the session

2023 - 2024. They have completed their Project Work entitled

"Computerised Surveys of a Product" approved by the
Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /04/2024

Place: Chandrapur.

Dr. S. B. Kishor

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Miss. Nayansi Trikarwar, Miss. Nandini Itankar, Mr. Tejas Kumbhare are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "LABOUR PAYMENT ACCORDING TO ATTENDANCE "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024 Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that Deepak R. Albankar, Anjali B Kaliwar, Rutuja G Gajbhiye are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Patient Management System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor

(Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr. Nadeem Khan Pathan, Mr. Prashant Khobragade, Mr. Jagdish Chandankhede are the bonafied students of BCA III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "STUDENT BOOK DONATION CLUB" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of **BCA III** Year.

Date: 13 /64/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

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Department of Computer Studies and Research

### CERTIFICATE

This is to certify that Aniket Parkhi, Md Kaif Siddique, Dhiraj Mohurle are the bonafied students of B.C.A III Year of this college for the Session 2023 - 2024. They have completed their Project Work entitled "Recruitment Management System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/04/2624

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Miss. Shreya A. Chaudhari, Miss. Vaishnavi J. Nikode, Miss. Tanushree. A. Tijare are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "HUMAN ORGAN MANAGEMENT SYSTEM "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/4/2024

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify that SAGAR URADE, DINESH BAWANE, KAPIL

URKUDE are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Soft Skill Training Institute" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13/04/2024

Place: Chandrapur.

Internal Examiner

DR. S. B. KISHOR (Project Guide)

aple

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr Vishweshwar Tirupati Pulipaka, Mr. Kuldeep Singh Sonte, Mr Vinay Nagraj Ayyagari are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "APPLICATION AND APPROVAL OF LEAVE "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: \3/04/2024 Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

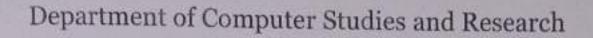
This is to certify that RAVISHANKAR MAHATO, SAWAN PRESINGWAR & SHANTANU JAUNJALKAR are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Complaint Resolver System of Nagarpalika" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: \3 / 4/2 4 Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)



### CERTIFICATE

This is to certify that PRACHI ADHIKARI, SHILPA BISWAS,
RUTIKA DAS are the bonafied students of BCA III Year of this college for the
session 2023 - 2024. They have completed their Project Work entitled
"Pet Animal Paying Guest House" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 013/04/24

Place: Chandrapur.

Internal Examiner

DR. S. B. KISHOR (Project Guide)

#### CERTIFICATE

This is to certify that ASHVITA A KAPAT, KHUSHI R JANGAM, AWANTIKA R PUDAKE are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Expenditure Record Maintenance for the Department" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13/4/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr. Hritik Pal, Mr. Sahil Atram, Mr. Kartik Labade are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "TRAINING SYSTEM OF EMPLOYEE "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

# CERTIFICATE

This is to certify that Shubham diwakar kubade, Kartik kishor wandhare & utkarsh santosh tajane are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Computerised Surveys of a Product" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /4/24

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that Ms. Aditi Yednurwar, Ms. Akansh Totawar, Ms. Sneha Kakde are the bonafied students of BCA-III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Cybercrime-Case Study Database" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of BCA-III-Year.

Date: |3 /04/24

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

External Examiner

Internal Examiner

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Department of Computer Studies and Research

#### **CERTIFICATE**

This is to certify that Achal R.Fulzele, Adiba S.Sayyad & Alvina F.Khan are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Ramtek-khindsi boting company" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 / 4/ 24

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Miss. Noorsaba L. Siddiqui, Miss. Hemlata S. Dhoke, Miss. Laxmi B. Gathe are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "HEALTH CLUB MANAGEMENT" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/24

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department of Computer Studies and Research

# CERTIFICATE

This is to certify that MANISH K. AMBATKAR, GANESH D. GUNDAWAR & KAIF S. SHEIKH are the bonafied students of B.C.A III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "FOREST WOOD AUCTION SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

Internal Examiner

Department of Computer Studies and Research

### **CERTIFICATE**

This is to certify that Vaishnavi S.Kodmelwar, Trupti V.Lokhande & Prachi D.Kale are the bonafied students of B.C.A III Year of this college for the session 2023-2024. They have completed their Project Work entitled "An Old Age Home" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/04/2024

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

Internal Examiner

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr. Sandarbha Satish Challawar,
Mr. Sahil Damodhar Kalaskar, Mr. Shivasai
Venkatachary Jamboji are the bonafied students of B.C.A
III Year of this college for the session 2023 – 2024. They have
completed their Project Work entitled "SOLAR SYSTEM
INFORMATION "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13/4/2024

Place: Chandrapur.

Dr. S. B. Kishor

(Project Guide)

Internal Examiner

# Department of Computer Studies and Research

# CERTIFICATE

This is to certify that NUPUR DINESH KAMADE, SWATI RAJESH KALPURWAR, TEJASHREE PRAKASH DAHIKAR are the bonafied students of BCA III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Book Publication House" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroliin the fulfillment of the requirement for the award of BCA III Year.

Date: 13 /04/2024

Place: Chandrapur.

(Project Guide)

External Examiner

Dr. S. B. Kishor

Department of Computer Studies and Research

#### CERTIFICATE

This is to certify Mr. Rohit P. Juware, Mr. Abhay M. Kodape, Mr. Omkar P. Buradkar are the bonafied students of B.C.A III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "CONSTRUCTION MATERIAL SUPPLIER "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.C.A III Year.

Date: 13 /04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor

(Project Guide)

# Department Of Computer Studies & Research ( Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Mr. Sujal K. Masarkar, Miss. Shukrani R. Gaykwad and Miss. Tina A. Wadgure are final year student of Bachelor of Science (IT), has successfully completed the project titled "Automobile Service Station".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner

Department Of Computer Studies & Research
Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Miss. Kalyani V. Sonule,

Miss. Tanushri S. Badkhal and Miss. Tanuja D. Lanjewar are

final year student of Bachelor of Science (IT) has successfully com
pleted the project titled "Unit Test Result Analysis".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner





Department Of Computer Studies & Research (
Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Mr. Sameer Masud A. Khan, Mr. Om R. Aravelliwar and Mr. Pranay P. Shende are final year student of Bachelor of Science (IT), has successfully completed the project titled "Analysis of Social Media Apps on Youth".

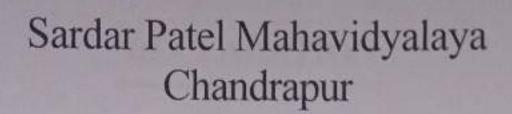
They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner



Department of Computer Studies and Research

### CERTIFICATE

This is to certify that PRATIK C. KUMAR, SHUBHAM R. ANIVARTI, OM G. BHOYAR are the bonafied students of B.Sc.(IT) III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "SETU SEWA KENDRA FOR CERTIFICATES" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.Sc.(IT) III Year.

Date: 12/04/24

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

Department Of Computer Studies & Research (
Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Mr. Pratham S. Dandekar, Miss. Vaishnavi R, Dambhare and Mr. Nayan R, Dethe are final year students of Bachelor of Science (IT), has successfully completed the project titled "Art & Artist Details For Exhibition".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Siguru

Internal Examiner

Department of Computer Studies and Research

### CERTIFICATE

This is to certify Miss. Roshnibano Javed Sheikh, Mr. Pratik Bhagwan Shedmake, Mr. Nabeel Waseem Sayyed are the bonafied students of B.Sc.-IT III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "QUESTION PAPER BANK OF UNIVERSITY EXAM "approved by the Department.

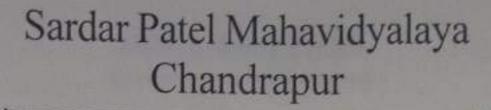
This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.Sc.-IT III Year.

Date: 12/04/2024

Place: Chandrapur.

Dr. S. B. Kishor (Project Guide)

Internal Examiner



Department of Computer Studies and Research

### CERTIFICATE

This is to certify that AYUSH R. KARNEWAR, ASHISH O. YADAV, SHREYASH P. SATPUTE are the bonafied students of B.Sc.(IT) III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Center For Collection Of Blood" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.Sc.(IT) III Year.

Date: 12 /04/2024

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

External Examiner

Internal Examiner

# Certificate

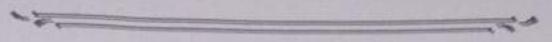
This is to certify that, Mr. Praful G. Vaidya, Miss. Yashshree M. Raipure and Miss. Kalyani B. Biswas are final year students of Bachelor of Science (IT), has successfully completed the project titled "Advance Booking of Restaurant Table".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

*Or. S. B. Kishor*Sardar Patel Mahavidyalaya
Chandrapur

Internal Examiner



Department of Computer Studies and Research

#### CERTIFICATE

This is to certify that Aniket A. Dikonda, Prathamesh V. Shende and Shriyut K. Patil are the bonafied students of BSC IT III- Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Digital Advertisement Agency" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BSC IT III-Year

Date: 12 /04/2024

Place: Chandrapur.

Dr. S. B. Kishor

(Project Guide)

External Examiner

Internal Examiner

### Department of Computer Studies and Research Sardar Patel Mahavidyalaya, Chandrapur

### CERTIFICATE

This is to certify that Miss. Seeta P. Sahu, Miss. Vaidhehi R. Wadaskar & Miss. Payal V. Yerkala are the bonafied students of B.SC-IT III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "VIRUS ATTACK STATISTICS" approved by the Department.

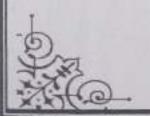
This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.Sc(I.T.) III Year.

Date: 12/04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)



# Department Of Computer Studies & Research Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Miss. Sachi B. Umare, Mr. Ankit Y. Bankar and Mr. Aditya Y. Kodape are final year students of Bachelor of Science (IT), has successfully completed the project titled "Furniture Showroom".

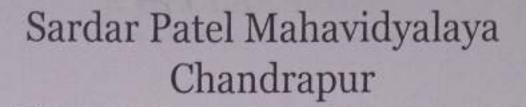
They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner



Department of Computer Studies and Research

### CERTIFICATE

This is to certify that Dnyaneshwar Sanjay Gadge , *Nutan Sudarshan Khandalkar & Vaishnav Vasant Ballawar* are the bonafied students of B.Sc(IT)-III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Internal Marks Filling of the Student" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.Sc(IT)-III Year.

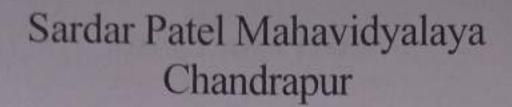
Date: 12/04/ 2024

al Examiner

Place: Chandrapur.

DR. S. B. KISHOR (Project Guide)

Ex



Department of Computer Studies and Research

### CERTIFICATE

This is to certify that AMIT J. KUSHWAHA, DEVENDRA D. GONDE, GAURAV N. ZADE are the bonafied students of B.Sc.(IT) III Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "CAFE MANAGEMENT SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of B.Sc.(IT) III Year.

Date: 12/4/24

Place: Chandrapur.

DR. S. B. KISHOR

(Project Guide)

Internal Examiner

# Department Of Computer Studies & Research Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Miss. Shruti J. Kamane, Miss. Kashish R. Sarkar and Mr. Rohan S. Sathe are final year students of Bachelor of Science (IT), has successfully completed the project titled "School I-Card Creation and Distribution".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner

# DEPARTMENT OF COMPUTER STUDIES & RESEARCH SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

### Certificate

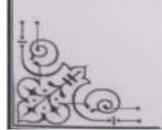
This is to certify that Mr. Uday A. Akhatkar, Mr. Rohit G. Jambhulkar and Mr. Om S. Dhakate are the final year students of Bachelor of Science (IT), has successfully completed the project titled "FAST FOOD OUTLET".

They have satisfactory report for the session 2023-2024 in partial fulfilment of requirement for the degree of Bachelor of Science (IT) of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner





Department of Computer Studies and Research

### CERTIFICATE

This is to certify Mr. Pratham Ukey, Mr. Shreyash Ghutake, Mr. Gaurav Khobragade are the bonafied students of B.Sc.-IT III Year of this college for the session 2023 – 2024. They have completed their Project Work entitled "COURSE MATERIAL DISPATCH DEPARTMENT "approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli *in* the fulfillment of the requirement for the award of B.Sc.-IT III Year.

Date: 12 /04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

Department Of Computer Studies & Research
Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Mr. Suraj G. Shere, Miss. Bhagyashri Y. Nikhode and Mr. Tushar T. Wandhare are final year students of Bachelor of Science (IT), has successfully completed the project titled "Salary Slip of Government Employee".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner

Department Of Computer Studies & Research
Sardar Patel Mahavidyalaya, Chandrapur

# Certificate

This is to certify that, Miss. Vaibhavi M. Bora, Miss. Vaishnavi R. Shende and Miss. Unnati D. Wankar are final year students of Bachelor of Science (IT), has successfully completed the project titled "Faculty Feedback System".

They have satisfactory report for the session 2023 - 2024 in partial fulfillment of requirement for the degree of **Bachelor of Science (IT)** of Gondwana University, Gadchiroli.

Guide

Dr. S. B. Kishor

Sardar Patel Mahavidyalaya Chandrapur

Internal Examiner

# SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF COMPUTER STUDIES AND RESEARCH

# CERTIFICATE

This is to certify that Shantanu J. Gondane, Vishal D. Parasram and Mohit D. Mekartiwar are the bonafied students of BSC ITIII Year of this college for the session 2023 - 2024. They have completed their Project Work entitled "Computer Peripheral Service Center" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of BSC IT III-Year.

Date: 12 /04/2024

Place: Chandrapur.

Internal Examiner

Dr. S. B. Kishor (Project Guide)

#### CERTIFICATE

This is to certify that, Vibha B. Vaidya is the bonafied students of M.C.A-II Year (Sem-IV) of this college for the session 2023- 2024. They have completed their Project Work entitled "A Web Based Online Voting System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-II year (Sem-IV).

Date: - 29 - 04 - 2024

Place: - Chandrapur.

(Project Incharge)

Miss. Leena Nasre

(Guide)

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Miss. Diksha D. Thawari are the bonafied students of MCA II year of this college for the session 2023- 2024. They have completed their Project Work entitled "ONLINE FOOD ORDERING SYSYTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of MCA II year

Date: - 29 /04/2024

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

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# Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Mr. PRANAY DILIP DATEY and are the bonafied students of (M.C.A. - Hyr) (Sem - IV) of this college for the session 2023 - 2024. They have completed their Project Work entitled "Crime Women Analysis Using GUI Report" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of (M.C.A. - Hyr) (Sem - IV).

Date: - / /

Place: - Chandrapur.

(Project Incharge)

Miss. Leena Nasre

(Guide by)

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that SHITAL MADHUKAR GARGELWAR are the onafied students of (M.C.A - II yr) (Sem - IV) of this college for the session 023 - 2024. They have completed their Project Work entitled CUSTOMER PURCHASE PREDICTION" approved by the Department.

This Project Work is being submitted to the Gondwana University, adchiroli in the fulfillment of the requirement for the award of M.C.A. - II yr) (Sem - IV).

rate: -29/04/2024

lace: - Chandrapur.

(Guide)

br. P. B. Dhumane

(Co-ordinator)

Dr. S. B. Kishor

nternal Examiner

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# Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Miss. Sanjana. A. Asampelli and are the bonafied students of (M.C.A-II) (SEM IV) of this college for the session 2023- 2024. They have completed their Project Work entitled " CREDIT CARD FRAUD DETECTION" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of (M.C.A-II) (SEM IV).

Date: - / /

Place: - Chandrapur

(Projder Incharge)

Miss. Leena Nasre

(Guided by)

Dr. S. B. Kishor

(Co -ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that MISS. ISHA P. DONGRE is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023- 2024. She has completed her Project Work entitled "PRECISION AGRICULTURE USING MACHINE LEARNING AND IOT" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: - 29/04/2024

Place: - Chandrapur

Project Incharge Miss. Leena Nasre Guide

Dr. S. B. Kishor

(STB) WAY

(Co-ordinator)

Internal Examiner

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### Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Mr. Ganesh Vyankatswami Maturi andare the bonafied students of (M.C.A-II) (SEM-IV) of this college for the session 2023-2024. They have completed their Project Work entitled "DIGITAL NEWS SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of (M.C.A-II) (SEM-IV).

Date: - 29 /04/2024

Place: - Chandrapur.

(Project Incharge)

Miss. Leena Nasre

(Guide by)

(3 Blue

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies& Research

#### CERTIFICATE

This is to certify that ADITYA DILIP PANDILWAR are the bonafied students of M.CA-II yr (Sem-IV)of this college for the session 2023-2024. They have completed their Project Work entitled "FIRE DETECTION THROUGH PYTHON USING HAAR CASCADE FILES AND OPEN CV" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroliin the fulfillment of the requirement for the award of M.CA-II yr (Sem-IV).

Date: - 29 /04/ 2024

Place: - Chandrapur.

Miss Leena Narse

(Project Incharge)

Internal Examiner

Dr. S. B. Kishor

(Guide)

(Co-Ordinator)

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that VAIBHAV RAVINDRA NIKODE are the bonafied students of M.CA-II yr (Sem-IV) of this college for the session 2023- 2024. They have completed their Project Work entitled "FIRE DETECTION THROUGH PYTHON USING HAAR CASCADE FILES AND OPEN CV" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-II yr (Sem-IV).

Date: - 29/04/2024

Place: - Chandrapur.

Miss. Leena Narse

(Project Incharge)

Dr. S. B. Kishor

(Guide)

(Co-Ordinator)

Internal Examiner

#### CERTIFICATE

This is to certify that, Gayatri D. Thakare is the bonafied students of M.C.A-II Yr. (Sem-IV) of this college for the session 2023-2024. They have completed their Project Work entitled "E-Book Store Management System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-II year (Sem-IV).

Date: - 29/64/12024

Place: - Chandrapur.

(Project Incharge)

Miss. Leena Nasre

(Guide)

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Rahul R. Yadav is a bonafide student of M.CA-II yr (Sem-IV) of this college for the session 2023- 2024. They have completed their Project Work entitled "DETECTING AND CHARACTERIZING EXTREMIST REVIEWER GROUPS IN ONLINE PRODUCT REVIEWS" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadehiroli in the fulfillment of the requirement for the award of M.CA-II yr (Sem-IV).

Date: - 24 / 4/24

Place: - Chandrapur.

Miss Leena Narse

(Project Incharge)

Internal Examiner

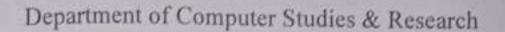
Dr. S. B. Kishor

(Guide)

(Co-Ordinator)

External Examiner

1012



#### CERTIFICATE

This is to certify that Shreyash Suresh Jiwane is a bonafide student of M.CA-II yr (Sem-IV) of this college for the session 2023-2024. They have completed their Project Work entitled "CYBER ATTACK DETECTION USING MACHINE LEARNING TECHNIQUES" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-II yr (Sem-IV).

Date: - 29/04/2024

Place: - Chandrapur.

Miss. Leena Narse

(Project Incharge)

Dr. S. B. Kishor

(Guide)

(Co-Ordinator)

External Examiner

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that MISS. NIKITA N. KHELURKAR is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023- 2024. She has completed her Project Work entitled "NEXT WORD PREDICTION" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: - 29/04/2024

Place: - Chandrapur

Project Incharge

Miss. Leena Nasre

Guide

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

#### CERTIFICATE

This is to certify that, Dhiraj G. Bhoyar is the bonafied students of M.C.A.-II Year (Sem-IV) of this college for the session 2023- 2024. They have completed their Project Work entitled "Fake Product Review Monitoring And Removal" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A.-II year (Sem-IV).

Date: - 29-04-2024

Place: - Chandrapur.

(Project Incharge)

Miss. Leena Nasre

(Guide)

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Miss. Samruddhi R. Deotale is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023- 2024. She has completed her Project Work entitled "VEHICLE RENTAL MANAGEMENT SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: -29 / 04/ 2024

Place: - Chandrapur

Project Incharge

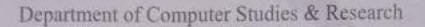
Miss. Leena Nasre

Internal Examiner

Guide

Dr. S. B. Kishor

(Co-ordinator)



#### CERTIFICATE

This is to certify that MISS. VAISHNAVI S. CHILBULE is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023-2024. She has completed her Project Work entitled "CONTROLLING THE CROWD OF HUMAN MONITORING" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: -

/ 04/ 2024

Place: - Chandrapur

Project Incharge

Miss, Leena Nasre

Guide

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that MISS. MANSI V. JAMBHULKAR is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023- 2024. She has completed her Project Work entitled "CROP YIELD PREDICTION USING MACHINE LEARNING TECHNIQUES" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: - 29/04/2024

Place: - Chandrapur

Project Incharge

Miss. Leena Nasre

Guide

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that SHARON PRITAM SHENDE is the bonafied student of M.CA-II yr (Sem-IV) of this college for the session 2023- 2024. He has completed his Project Work entitled "PERFORMANCE ANALYSIS ON STUDENT FEEDBACK" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-II yr (Scm-IV).

Date: - 29/9/24

Place: - Chandrapur.

Miss. Leena Narse

(Project Incharge)

Internal Examiner

Dr. S. B. Kishor

(5/8).15

(Guide)

(Co-Ordinator)

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that PAWAN SURESH NISHAD are the bonafied students of (M.C.A. - II yr) (Sem - IV) of this college for the session 2023 - 2024. They have completed their Project Work entitled "Secure Third Generation ATM Machine using Advanced Computer Vision" approved by the Department.

This Project Work is being submitted to the Gondwana University,

Gadchiroli in the fulfillment of the requirement for the award of

(M.C.A. - II yr) (Sem - IV).

Date: - 29/04/2024

Place: - Chandrapur.

(Guide)

Dr. P. B. Dhumane

(Co-ordinator)

Dr. S. B. Kishor

Internal Examiner

(STRICK

## Sardar Patel Mahavidyalaya, Chandrapur

Department of Computer Studies & Research

### CERTIFICATE

This is to certify that Mr. LALIT M. SHETE is the bonafied students of M.C.A-II (Sem-IV) of this college for the session 2023- 2024. He has completed his Project Work entitled "AIR QUALITY PREDICTION USING MACHINE LEARNING" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: - 29/04/2024

Place: - Chandrapur

Dr. P. B. Dhumane

(Guide)

Internal Examiner

Dr. S. B. Kishor (Co-ordinator)

## Sardar Patel Mahavidyalaya, Chandrapur

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Miss. Priya G. Uike are the bonafied students of MCA II year of this college for the session 2023- 2024. They have completed their Project Work entitled "SECURITY EVALUATION OF PATTERN CLASSIFIERS UNDER ATTACK IN JAVA" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of MCA II year

Date: - 29 /04/2024

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that ROHINT V. WELEKAP are the bonafied students of MCA-II year (SEM-IV) of this college for the session 2023-2024. They have completed their Project Work entitled "HYBRID FEATURE BASED PREDICTION OF SUICIDE RELATED ACTIVITY ON TWITTER" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award (MCA-II year) (SEM-IV).

Date: -2,9 /04/2024

Place: - Chandrapur.

(Project Incharge)

Miss, Leena Nasre

(Guide)

Dr. S. B. Kishor

(Co-ordinator)

Internal Examiner

(3 Polylo

### Sardar Patel Mahavidyalaya, Chandrapur

Department of Computer Studies & Research

#### CERTIFICATE

This is to certify that Mr. ADARSH R. RAUT is the bonafied students of M.C.A-II(Sem-IV) of this college for the session 2023-2024. He has completed his Project Work entitled "SMS SPAM DETECTION USING MACHINE LEARNING" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.C.A - II year.

Date: - 29/04/2024

Place: - Chandrapur

Dr. P. B. Dhumane

(Guide)

Internal Examiner

Dr. S. B. Kishor

(STONEY)

(Co-ordinator)

This is to certify that Mr./Ms. Nikita Manik Dhawas, from M.Sc. (C/s) 2nd Sem are submitting their OFT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 05-02-2024

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Guide

Dr. S. B. Kishor

Internal Examiner

xaminer External Examiner

Dr. Dricop Sadhankoy S.F.S. Glesse Nogen

This is to certify that Ms. Roshani D. Tathe from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Internal Examiner

Guide

Dr. S. B. Kishor

External Examiner

S. F.S. Gilege, Hagyun

This is to certify that Ms. Zareen. B. Sheikh. from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

External Examiner

Dr. S. B. Kishor

D. Dikep Sodhanker S.F.S. Glesse, Nagruz

This is to certify that Mr./Ms. Rima Laldhari Gautam from M.Sc. (C/s) 2<sup>nd</sup> Sem are submitting their OFT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Internal Examiner

Guide

Dr. S. B. Kishor

External Examiner

Dileep Sedhonkoy S.F.S Gilest, Noger

This is to certify that Mr./Ms. Bhagyashree Suresh Naidu, from M.Sc. (C/s) 2nd Sem are submitting their OTT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Internal Examiner

Guide

Dr. S. B. Kishor

External Examiner

A. Dilect Sadhankar SF.S. Gollege Nagpur

This is to certify that Mr./Ms. Simran Jahan Md. Rahish, from M.Sc. (C/s) 2<sup>nd</sup> Sem are submitting their OTT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 05-02-2024

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Dr. S. B. Kishor

Guide

Internal Examiner

External Examiner

Dr. Dilexp Sadhanker S.F.S. Gilege, Naggur

This is to certify that Mr./Ms. Khushi Madhukar Kharwade from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 08/04/2024

Place: - Chandrapur.

Faculty In-charge

Asst.Prof. Goldy Thadwani

Dr. S. B. Kishor

Internal Examiner External Examiner

An Dilsep Sadhankor S. F. S. Gilegr, Noggwe

This is to certify that Mr./Ms. Name. Jayshree V. Khanke from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Guide

Dr. S. B. Kishor

Internal Examiner

External Examiner

D. Dileer Sadhankan C. F.S. Glege Hagger

This is to certify that Mr./Ms. Name Gunjan R. Shende from M.Sc. (C/s) 2nd Sem are submitting their OTT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Internal Examiner External Examin

S. F.S. Glege, Nyme

Dr. S. B. Kishor

This is to certify that Mr./Ms. Nandini Sunil Lokhande, from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 05-02-2024

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Dr. S. B. Kishor

Internal Examiner External Examiner

Dr. Dileep Sadhonkas

This is to certify that Mr./Ms. Sahil Purushottam Komatpalliwar, from M.Sc. (C/s) 2<sup>nd</sup> Sem are submitting their OFT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 05-02-2024

Place: - Chandrapur.

Faculty In-charge

Asst.Prof. Goldy Thadwani

Internal Examiner

Guide

Dr. S. B. Kishor

External Examiner

As Dilect Sodhankal S.F.S. Glege, Nogtur

This is to certify that Ms. Sandeepa Dulal Mandal from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Internal Examiner

Asst. Prof. Goldy Thadwani

Dr. S. B. Kishor

External Examiner

A Diver Sadhankas\_ E.F.S. Glege Modpus

This is to certify that Mr./Ms. SHREYASH RAJESH BURILE from M.Sc. (C/s) 2nd Sem are submitting their OJT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sandar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwann University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: - 05/04/2024

Place: - Chandrapur

Faculty In-charge

Asst.Prof. Goldy Thadwani

Internal Examiner

Dr. S. B. Kishor

External Examiner

Dr. Dileep Ledhanken S.F.S. Golege Never

This is to certify that Mr./Ms. Rameshwari Tejram Surpam, from M.Sc. (C/s) 2<sup>nd</sup> Sem are submitting their OTT Report on subject On-Job Training Program as prescribed as per continuous assessment by Department of Computer Science, Sardar Patel Mahavidyalaya, Ganj Ward, Chandrapur (affiliated to Gondwana University, Gadchiroli) for the partial fulfillment of second semester in the academic session 2023-2024.

Date: -

Place: - Chandrapur.

Faculty In-charge

Asst. Prof. Goldy Thadwani

Guide

Dr. S. B. Kishor

Internal Examiner

External Examiner

As. Dileep Sadhankar S. F.S. Glose, Nagur

## SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF COMPUTER STUDIES & RESEARCH

### CERTIFICATE

This is to certify that SAKSHI. M. SIDAM & GAURI. M. POTE are the bonafied students of MCA- I of this college for the session 2023- 2024. They have completed their Project Work entitled "Shiksha - Online Portal for Courses" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of MCA-I year.

Date: - / /

Place: - Chandrapur.

GUIDED BY

Dr. S. B. Kishor

Internal Examiner

This is to certify that Ashwajeet Patil ,Sonali Tore, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled "QUIZ APPLICATION" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Shweta R. Bobde, Sanchana R. Khandekar, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023-2024. They have completed their Project Work entitled "Restaurant Management System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Kamlesh S. Sahare is the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023-2024. He has completed their Project Work entitled "Calculator" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Nandini R.Askar, Nikita N.Wadaskar, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled "'ABC' University Management System" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Sanket Kavduji Petkar, Vedant Netaji Kharwade, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled " Hotel Management System" approved by the Department.

This Project Work is being submitted to the GondwanaUniversity, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Abhay K.Gongle, Sahil M. Umare, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled "ATM Management System" approved by the Department.

This Project Work is being submitted to the GondwanaUniversity, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Aagam A. Patle, Somesh G. Randive, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled " Electricity Billing system" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfilment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. S. B. Kishor

(Guide)

Internal Examiner

This is to certify that Miss. Shivani Ashok Nandane, Miss. Payal Arvind Naitam, are the bonafied students of M.CA-I Year (SEM-II) of this college for the session 2023- 2024.

They have completed their Project Work entitled "ABC EMPLOYEE MANAGEMENT SYSTEM" approved by the Department.

This Project Work is being submitted to the Gondwana University, Gadchiroli in the fulfilment of the requirement for the award of M.CA-I year (SEM-II).

Date: -

Place: - Chandrapur.

Dr.P.B.Dhumane

(Guide)

Internal Examiner

This is to certify that Prashil N. Thamke, Trupti A. Kolhe, are the bonafied students of M.CA-I Year (Sem-II) of this college for the session 2023- 2024. They have completed their Project Work entitled "GreenvilTech-Smart Village Development System" approved by the Department.

This Project Work is being submitted to the GondwanaUniversity, Gadchiroli in the fulfillment of the requirement for the award of M.CA-I year (Sem-II).

Date: -

Place: - Chandrapur.

Dr. P. B. Dhumane 401

(Guide)

Internal Examiner