



VIDYA BHARATI MAHAVIDYALAYA AMRAVATI

NAAC Re-accredited with Grade "A" (CGPA 3.23-Third Cycle) | EPE Status (Thrice) by UGC
Mentor College under Paramarsh Scheme by UGC
'Lead College' by S.G.B. Amravati University, Amravati.

Academic Year 2023-24

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

1.3.3 Number of students undertaking project work / field work /internship during the year

Proofs

PROJECT REPORT ON
"Synthesis and Characterization of SnO₂ Nanoparticles"

Submitted in the Partial Fulfillment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss- Arpita Ambadas Shelke

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Miss. Sakshi Amale

M.Sc. (Physics)

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-2024

CERTIFICATE

This is to certify that Miss- Arpita Ambadas Shelke of this institute has carried out project work on "Synthesis and Characterization of SnO₂ Nanoparticles" under the guidance of Mr.C.C.Jadhao, Assistant Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-2024. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date:- 19-04-2024


19/04/2024

Miss Sakshi Amale
M.Sc. (Physics),
Assistant Professor

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati



Head
Department of Physics
M.Sc. (Physics), Ph.D.
Prof. and Head

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati

A PROJECT REPORT

ON

**“SYNTHESIS AND CHARACTERIZATION OF
TiO₂ NANOPARTICLES BY SOL–GEL METHOD”**

**Submitted in the Partial Fulfillment for the
Degree of Master of Science (Physics)**

Sant Gadge Baba Amravati University, Amravati

Submitted by



Submitted by

Miss Akansha Dinesh Raut

M.Sc. II Year (Physics)

Supervisor

Mr. P.S. Wagh

(M.Sc. (Physics))

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Akansha Dinesh Raut** of this institute has carried out project work on "Synthesis and Characterization of TiO_2 Nanoparticles" under the guidance of **Mr. P.S. Wagh**, Assistant Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date: 19/4/2024



Mr. P.S. Wagh
M.Sc. (Physics),
Assistant Professor
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr. G.T. Lamdhade
Head
M.Sc. (Physics), Ph.D
Department of Physics
Prof and Head
Vidya Bharati Mahavidyalaya
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON

**“Synthesis of TiO₂ Nanoparticles by Green
Synthesis method”**

**Submitted in the Partial Fulfillment for the Degree of
Master of Science
(Physics)**

Sant Gadge Baba Amravati University, Amravati

Submitted by



Mr. Abdullah Rahmani S Khan

M.Sc. II Year (Semester-IV) (Physics)

Supervisor

Mr. P. S. Wagh

M.Sc. (Physics)

Assistant Professor

Department of Physics

VidyaBharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

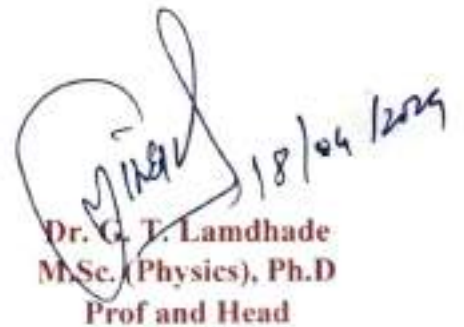
This is to certify that Mr. Abdullah Rahmani S Khan of this institute has carried out project work on "Synthesis of TiO₂ Nanoparticles by Green Synthesis method " under the guidance of Mr. P. S. Wagh, Supervisor of Department of Physics, VidyaBharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Date:- 18/04/2024



Mr. P. S. Wagh
M.Sc. (Physics)
supervisor

Department of Physics
VidyaBharati Mahavidyalaya
Amravati



Dr. G. T. Lamdhade
M.Sc. (Physics), Ph.D
Prof and Head

Department of Physics
VidyaBharati Mahavidyalaya
Amravati

PROJECT REPORT ON

“Synthesis of Luminescent of material ($\text{Sr}_3\text{B}_2\text{O}_6$) by using Solid State Reaction Method”

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Mr Ajay Ravikant Nagmode

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. A. O. Chauhan

M.Sc. (Physics), Ph.D

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Mr Ajay Ravikant Nagmode** of this institute has carried out project work on “**Synthesis of Luminescent material ($Sr_3B_2O_6$) by using Solid State Reaction Method**” under the guidance of **Dr. A. O. Chauhan**, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.

Place :

Date : 19/04/2024



Dr. A. O. Chauhan

M.Sc. (Physics), Ph.D

Asst. Professor

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati



Dr. G. T. Lamdhade

M.Sc. (Physics), Ph.D

Prof. and Head

Department of Physics
Vidya Bharati Mahavidyalaya
Vidya Bharati
Mahavidyalaya Amravati

PROJECT REPORT ON

“Synthesis and Characterization of TiO₂Nanoparticles”

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Mr. Aadesh Ravindra Nistane

M.Sc. II year (Sem-IV) (Physics)

Supervisor

Mr. C. C. Jadhao

M.Sc. (Physics)

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that Mr. Aadesh Ravindra Nistane of this institute has carried out project work on "Synthesis and Characterization of TiO₂ Nanoparticles" under the guidance of Mr. C. C. Jadhao, Assistant Professor Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGEBABA AMRAVATI UNIVERSITY, AMRAVATI.

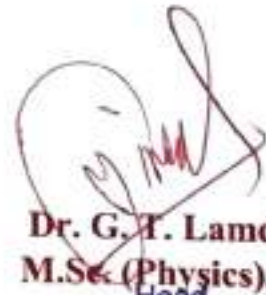
Place: Amravati.

Date:-



Mr. C. C. Jadhao
M.Sc. (Physics),
Assistant Professor

Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr. G. T. Lamdhade
M.Sc. (Physics), Ph.D

Head
Prof and Head
Department of Physics
Vidya Bharati Mahavidyalaya
Department of Physics
Amravati
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON

“Synthesis And Characterization of ZnO Nanoparticles”

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss. Anam Shahzad Khan

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Miss. S. P. Dharme

M.Sc. (Physics),

B.Ed

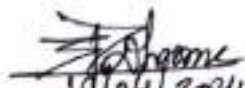
Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that, Miss. Anam Shahzad Khan of this institute has carried out project work on “Synthesis and Characterization of ZnO Nanoparticle Using Sol-Gel Method” under the guidance of Miss. S. P. Dharme, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



Miss. S. P. Dharme

M.Sc. (Physics), BEd

Supervisor

Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr. G. T. Lamdhade

M.Sc. (Physics), Ph.D.

Professor and Head

Department of Physics
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON

"Synthesis and Characterization of ZnO Nanoparticles"

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Mr. Arib Wamik Patel

M.Sc. II Year (Semester-IV) (Physics)

Supervisor

Miss. Sakshi A. Amale

Assistant Professor

(M.Sc. Physics)

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

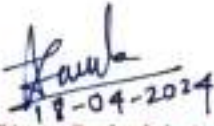
2023-24

CERTIFICATE

This is to certify that Mr. Arib Wamik Patel of this institute has carried out project work on "Synthesis and Characterization of ZnO Nanoparticles" under the guidance of Miss. Sakshi A. Amale, Assistant professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

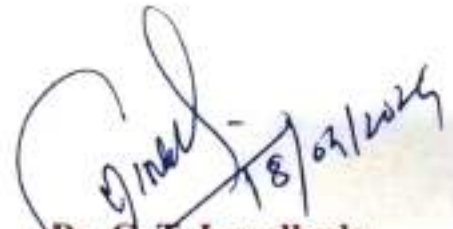
Date:- 18-04-2024



Miss. Sakshi A. Amale

(M.Sc. Physics)
Assistant Professor

Department of Physics
Vidya Bharati
Mahavidyalaya,
Amravati



Dr. G. T. Lamdhade
(M.Sc., Ph.D. Physics)
Prof and Head

Department of Physics
Vidya Bharati
Mahavidyalaya,
Amravati

PROJECT REPORT ON

“Synthesis and Characterization of SnO₂ Nanoparticles”

Submitted in the Partial Fulfillment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati



Submitted by

Mr. Chirag Ravindra Kokate

M.Sc. II year (Sem-IV) (Physics)

Supervisor

Miss. Snehal P. Dharme

M.Sc. (Physics), BEd

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.


2023-24


CERTIFICATE

This is to certify that Mr. Chirag Ravindra Kokate of this institute has carried out project work on "Synthesis and Characterization of SnO₂ Nanoparticles" under the guidance of Miss. S. P. Dharme, Supervisor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date:- 19/04/2024


19/04/2024
Asst.Prof. Snehal P.Dharme
M.Sc. (Physics), B.Ed
Supervisor
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati


Dr. G. P. Lamdhade
M.Sc. (Physics), Ph.D
Prof and Head
Head
Department of Physics
Vidya Bharati Mahavidyalaya
Vidya Bharati Mahavidyalaya
Amravati
Amravati

PROJECT REPORT ON

“Study Preparation and Study of ZnO Nanoparticles for sensing NH₃ gas”

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Mr. Darshan Suresh Pawar

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. K. B. Raulkar

M.Sc. (Physics), SET, PhD

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that Mr. Darshan Suresh Pawar of this institute has carried out project work on "Study Preparation And Study of ZnO Nanoparticles for sensing NH₃ gas" under the guidance of Dr. K. B. Raulkar, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



Dr. K. B. Raulkar

M.Sc. (Physics), SET, PhD
Prof

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati



Dr. G. T. Lamdhade

M.Sc. (Physics), Ph.D
Department of Physics
Prof and Head
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Amravati

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati

PROJECT REPORT ON
“Synthesis and Characterization of MgO Nanoparticles”

Submitted in the Partial Fulfillment for the Degree of
Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss- Divya Sahebrao Warkad

M.Sc. II year (Semester-IV) (physics)

Supervisor

Dr. G.T. Lamdhade

M.Sc.(Physics), Ph.D

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.


2023-2024

CERTIFICATE

This is to certify that Miss- Divya Sahebrao Warkad of this institute has carried out project work on "Synthesis and Characterization of MgO Nanoparticles" under the guidance of Mr. G.T. Lamdhade, Head And Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-2024. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date:- 19-04-2024


Mr. G.T. Lamdhade
M.Sc. (Physics),
Supervisor

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati


Dr. G.T. Lamdhade
M.Sc. (Physics), Ph.D
Head
Department of Physics
Vidya Bharati Mahavidyalaya
Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati

PROJECT REPORT ON

"Synthesis and Characterization of MgO Nanoparticles "

Submitted in the Partial Fulfillment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss Gayatri Girish Paranjape

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. G. T. Lamdhade

M.Sc. (Physics), Ph.D

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Gayatri Girish Paranjape** of this institute has carried out project work on "**Synthesis and Characterization of MgO Nanoparticles**" under the guidance of **Dr. G. T. Lamdhade**, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**

Place: Amravati.

Date:- 19/04/24



Dr. G. T. Lamdhade
M.Sc. (Physics), Ph.D
Prof and Head
Department of Physics
Vidya Bharati
Mahavidyalaya Amravati



Dr. G. T. Lamdhade
M.Sc. (Physics), Ph.D
Department of Physics
Prof and Head
Vidya Bharati Mahavidyalaya
Amravati
Department of Physics
Vidya Bharati
Mahavidyalaya Amravati

**A PROJECT REPORT
ON**

**"SYNTHESIS AND CHARACTERIZATION OF
TiO₂ NANOPARTICLES BY SOL-GEL METHOD"**

**Submitted in the Partial Fulfillment for the
Degree of Master of Science (Physics)**

Sant Gadge Baba Amravati University, Amravati

Submitted by



Submitted by

Miss. Mayuri Virendra Pawar

M.Sc. II Year (Physics)

Supervisor

Mr. R.B. Butley

(M.Sc. (Physics))

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Mayuri Virendra Pawar** of this institute has carried out project work on "Synthesis and Characterization of TiO_2 Nanoparticles" under the guidance of **Mr. R.B. Butley**, Assistant Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date: 13/04/2024.



Mr. R.B. Butley
M.Sc. (Physics),
Assistant Professor
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr. G.T. Lamdhade
Head
M.Sc. (Physics), Ph.D.
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON

"Synthesis and Characterization of MgO Nanoparticles by Sol-Gel method"

Submitted in the Partial Fulfillment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss Puja Gajananrao Tarhekar

M.Sc. II year (Semester-IV) (physics)

Supervisor

Mr. R. B. Butley

M.Sc. (Physics)

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Puja Gajananrao Tarhekar** of this institute has carried out project work on "**Synthesis and Characterization of MgO Nanoparticles** " under the guidance of, **Mr. R. B. Butley** Supervisor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**

Place: Amravati.

Date:- 19/04/2024



Dr.G.T. Lamdhade

Head

M.Sc. (Physics), Ph.D

Prof and Head

Amravati

Department of Physics

Vidya Bharati Mahavidyalaya

Amravati



Mr. R.B. Butley

M.Sc. (Physics),

Supervisor

Department of Physics

Vidya Bharati Mahavidyalaya

Amravati

PROJECT REPORT ON

“Synthesis of Luminescent of material (KSrPO₄) by using Solid State Diffusion Method”

Submitted in the Partial Fulfilment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss Puja Subhash Dukare

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. A. O. Chauhan

M.Sc. (Physics), Ph.D

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Puja Subhash Dukare** of this institute has carried out project work on “**Synthesis of Luminescent material (KSrPO₄) by using Solid State Diffusion Method**” under the guidance of **Dr .A. O. Chauhan**, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**

Place : Amravati

Date : 19/4/2024



Dr. A. O. Chauhan

M.Sc. (Physics), Ph.D

Asst. Professor

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati



Dr. G. T. Lamdhade

M.Sc. (Physics), Ph.D
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati

Prof and Head
Department of Physics
Vidya Bharati
Mahavidyalaya Amravati

PROJECT REPORT ON
“Synthesis of Luminescent of material ($Y\text{P}_3\text{O}_9$) by using
Combustion Synthesis Method”

Submitted in the Partial Fulfilment for the Degree of
Master of Science (Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss. Shweta Dilip Bobade

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. A. O. Chauhan

M.Sc. (Physics), Ph.D

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Miss Shweta Dilip Bobade** of this institute has carried out project work on "**Synthesis of Luminescent material ($Y\text{P}_3\text{O}_9$) by combustion synthesis Method**" under the guidance of **Dr. A. O. Chauhan**, supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**

Place : Amravati

Date :



Dr.A. O. Chauhan

M.Sc. (Physics), Ph.D

Asst. Professor

Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr.G. T. Lamdhade

M.Sc. (Physics), Ph.D

Prof and Head

Department of Physics
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON

“Synthesis and Characterization of ZnO Nanoparticles”

**Submitted in the Partial Fulfillment for the Degree of
Master of Science
(Physics)**

Sant Gadge Baba Amravati University , Amravati

Submitted by



Miss- Sakshi Santosh Chavan

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Mr. C. C. Jadhao

M.Sc. (Physics),

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati

2023-2024

CERTIFICATE

This is to certify that Miss- Sakshi Santosh Chavan of this institute has carried out this project work on “ Synthesis and Characterization of ZnO Nanoparticles ” under the guidance of Mr. C. C. Jadhao, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-2024. The work has been done in particular fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc) in Physics in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY , AMRAVATI.

Place : Amravarti

Date :- 18 - 04 - 2024


Mr. C. C. Jadhao

M.Sc. (Physics),
Assistant Professor

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati


Dr. G. T. Lamdhade
M.Sc. (Physics), Ph.D.
Head
Department of Physics
Prof. and Head
Vidya Bharati Mahavidyalaya
Amravati

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati

**A PROJECT REPORT
ON
“SYNTHESIS AND CHARACTERIZATION OF
TiO₂ NANOPARTICLES”**

**Submitted in the Partial Fulfillment for the
Degree of Master of Science (Physics)**

Sant Gadge Baba Amravati University, Amravati

Submitted by



Submitted by

Miss Sakshi Gajanan Malve

M.Sc. II Year (Physics)

Supervisor

Miss S.T.Khan

(M.Sc. (Physics))

Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

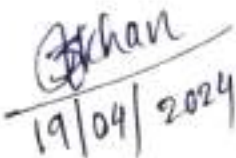
2023-24

CERTIFICATE

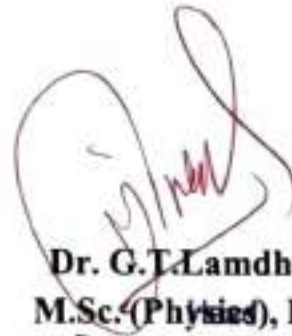
This is to certify that **Miss Sakshi Gajanan Malve** of this institute has carried out project work on "Synthesis and Characterization of TiO_2 Nanoparticles" under the guidance of **Miss S.T. Khan**, Assistant Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date: 19/4/2024


19/04/2024

Miss. S.T.A.Khan
M.Sc. (Physics),
Assistant Professor
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati



Dr. G.T.Lamdhade
M.Sc. (Physics), Ph.D
Prof and Head
Department of Physics
Vidya Bharati Mahavidyalaya
Amravati
Vidya Bharati Mahavidyalaya
Amravati

PROJECT REPORT ON
“Synthesis and Characterization of SnO₂ Nanoparticles”

Submitted in the Partial Fulfillment for the Degree of
Master of Science
(Physics)

Sant Gadge Baba Amravati University, Amravati

Submitted by



Miss- Shreya Kailas Sarode

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Mr. C.C.Jadhao
M.Sc. (Physics)
Assistant Professor

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-2024

CERTIFICATE

This is to certify that Miss-Shreya Kailas Sarode of this institute has carried out project work on "Synthesis and Characterization of SnO₂ Nanoparticles" under the guidance of Mr.C.C.Jadhao, Assistant Professor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-2024. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date:- 18-4-2024



Mr. C.C. Jadhao
M.Sc. (Physics),
Assistant Professor

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati



Dr. G.T. Khandhade
M.Sc. (Physics), Ph.D.
Vidya Bharati Mahavidyalaya
Amravati
Prof. and Head

Department of Physics
Vidya Bharati Mahavidyalaya,
Amravati

PROJECT REPORT
ON
“Preparation and Study of MgO Nanoparticles for Sensing CO₂ Gas”

Submitted in the Partial Fulfilment for the Degree of
Master of Science
(Physics)

Sant Gadge Baba Amravati University, Amravati



Submitted By

Mr. Tushar Pravin Kharbade

M.Sc. II year (Semester-IV) (Physics)

Supervisor

Dr. K. B. Raulkar

M.Sc. (Physics), SET, Ph.D.

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that **Mr. Tushar Pravin Kharbade** of this institute has carried out project work on "**Preparation and Study of MgO Nanoparticles for Sensing CO₂ Gas**" under the guidance of Dr. K. B. Raulkar, Supervisor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



Dr. K. B. Raulkar

M.Sc. (Physics), SET, Ph.D.

Supervisor

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati



Dr. G. T. Lamdhade

Department of Physics
M.Sc. (Physics), Ph.D.
Vidya Bharati Mahavidyalaya
Amravati

Professor and Head

Department of Physics
Vidya Bharati
Mahavidyalaya Amravati

PROJECT REPORT ON

“Synthesis and Characterization of ZnO Nanoparticles”

Submitted in the Partial Fulfillment for the Degree of

Master of Science

(Physics)

Sant Gadge Baba Amravati University, Amravati



Submitted by

Miss. Trupti Panjabrao Telharkar

M.Sc.II year (Sem – IV) (Physics)

Supervisor

Mr. R. B. Butley.

M.Sc. (Physics), SET

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati.

2023-24

CERTIFICATE

This is to certify that Miss. Trupti Panjabrao Telharkar of this institute has carried out project work on "Synthesis and Characterization of ZnO Nanoparticles" under the guidance of Mr. R. B. Butley, Supervisor of Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-24. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati.

Date:- 19-04-2024



Mr. R. B. Butley
M.Sc. (Physics), SET
Supervisor
Department of
Physics
Vidya Bharati Mahavidyalaya



Dr. G. T. Lamdhade
M.Sc. (Physics) Ph.D
Department of Physics
Prof. and Head
Vidya Bharati Mahavidyalaya
Amravati
Department of Physics
Vidya Bharati Mahavidyalaya

A PROJECT REPORT
ON
"SYNTHESIS OF SnO₂ NANOPARTICLE BY USING SOL-GEL
METHOD"

Submitted in the partial fulfillment for the degree of

Master of Science (Physics)

Sant Gadge Baba Amravati University, Amravati



Submitted by

Miss. Zeba Fatema M.Husain

M.Sc. II (Physics)

Supervisor

Miss.S.T.Khan

(M.Sc Physics)

Assistant Professor,

Department of Physics

Vidya Bharati Mahavidyalaya, Amravati

2023-2024


CERTIFICATE

This is to certify that **Miss. Zeba Fatema M. Husain** of this Institute has carried out a project work on "Synthesis of SnO₂ nanoparticle by using Sol-gel method" under **Miss.S.T.Khan** Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2023-2024. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Date: 19 / 09 / 2024



Miss.S.T.Khan
Assistant Professor
Supervisor
Department of Physics,
Vidya Bharati Mahavidyalaya,
Amravati



Dr. G. T. Lamdhade
Professor & Head
Department of Physics,
Vidya Bharati Mahavidyalaya,
Amravati



™

Nicesoll



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Mayur Babarao Khandare

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Achal Ramesh Khandar

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Ashniya Sadaf Jamsheed Baig

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER





Dr. Zubair Ahmed

B.Sc. PGDMLT

BLOOD CARE

COMPUTERISED CLINICAL LAB

Address :- Near Assoriya Petrol Pump, Walgaon Road, Amravati. Mob. 9637963860 / 9623779945

SUBJECT: INTERNSHIP COMPLETION LETTER

This is to certify that **MR. FARDIN KHAN AFSAR KHAN** from **VIDYABHARATIMAHAVIDYALAYA, AMRAVATI** has successfully completed an internship at **BLOOD CARE COMPUTERISED CLINICAL LAB** for a duration of 60 days, commencing from **1st July 2023 to 30th August 2023**.

During this period, Mr. Fardin Khan Afsar Khan demonstrated exceptional dedication, enthusiasm, and diligence towards his assigned tasks.

We observed Mr. Mr. Fardin Khan Afsar Khan to be a quick learner with excellent analytical skills and a strong ability to work both independently and collaboratively within a team environment. His contributions have been valuable to the progress and success of our lab's objectives.

We hereby acknowledge Mr. Fardin Khan Afsar Khan's successful completion of the internship program and wish him continued success in his academic and professional endeavors.



- Strictly for the use of Medical Practitioner and Pathologist if Used by any other un-authorised person we shall not be responsible.
- Tests carried out on registered medical practitioner & for diagnosis to be done by him or any other RMP or Pathologist.
- These are not medical report in any case & for any purpose. • These are only laboratory and technical results.
- These are not medical diagnostic report.

Time: 9.00 a.m. to 10.00 p.m.

• drnt.nousheen 0370701491



Shree Pathology Lab

श्री पॅथोलॉजी लॅब

For Home Collection : 9309005260 | Email : shreepathlab007@gmail.com

1. Saitirth Apartment, Shegaon Road, Near Dr. Bankar Hospital Amravati.

Dr. Amit G. Kshar

Consultant Pathologist

MBBS (GMC Nagpur)

DCP (Pathology)

VMGMC (Solapur)

Reg. No. MMC2005/11/3971

EXPERIENCE CERTIFICATE

This is to certify that **Ku. Kanchan Arun Gore** At-Amravati Internship has successfully completed his at a working in **Shree Pathology Lab** Amravati In Laboratory Technician from 22-04-2024 to 21-05-2024 according to best of my knowledge his performance is very good in the department of pathology, Hematology, clinical Biochemistry, Microbiology, Blood Bank she is sincere, honest and working.

Date: 21-05-2024

Pathologist

Hematology | Clinical Pathology | Histopathology | Cytology | Biochemistry | Microbiology | Hormones | Corona

Dr. Amit G. Kshar is a Consultant Pathologist with MBBS (GMC Nagpur) and DCP (Pathology) qualifications. He is currently working as a Consultant Pathologist at Shree Pathology Lab, Amravati. He has been practicing pathology for over 10 years and has a strong track record in the field. He is a member of the Maharashtra Medical Council (MMC) and the Maharashtra Pathology Society (MPS). He is also a member of the Indian Association of Pathologists (IAP). He is a frequent speaker at various conferences and seminars on pathology. He is also a member of the Maharashtra Medical Council (MMC) and the Maharashtra Pathology Society (MPS). He is also a member of the Indian Association of Pathologists (IAP). He is a frequent speaker at various conferences and seminars on pathology. He is also a member of the Maharashtra Medical Council (MMC) and the Maharashtra Pathology Society (MPS). He is also a member of the Indian Association of Pathologists (IAP). He is a frequent speaker at various conferences and seminars on pathology.



**NAGPURE
CLINICAL LAB**

Excellent result is our motto

Mr. Pravin Nagpure

B.Sc., D.M.L.T., M.L.T.
Ex-Lab Technician, Mahatma Critical Care
Pathology Unit, Akola
Mob. : 9822693499

Mr. Abhishek S. Adhau

B.Sc., P.G.D.M.L.T. (MSBTE)
Mob. 7821867266

Mrs. Mamta P. Nagpure

B.Sc. (Micro & Biochemistry) DMLT,
PG. D.M.L.T. Government Medical College (MUHS)
Ex-Microbiologist Aquarich Mineral Water Plant (Jalgaon)
Mob. : 9822111499

Miss. Leena G. More

B.Sc., P.G.D.M.L.T. (MSBTE)
Mob. 7385717102

Lab Address : "Anurup" Complex In Front of Bustand, Daryapur

*** INTERNSHIP CERTIFICATE ***

THIS IS TO CERTIFY THAT MISS. MADHAVI NAMDEV KURWADE,
STUDENT OF DEPARTMENT OF CHEMISTRY, VIDYA BHARTI MAHAVIDYALAY,
AMRAVATI DIST. AMRAVATI

SHE WAS WORKING WITH US AS MY APPRANTI FOR ABOUT 60 HRS IN SESSION
2023-24.

SHE PERFORMED SATISFACTORILY IN THE LAB WITH FOLLOWING
BIOCHEMISTRY, HAEMATOLOGY & SEROLOGICAL TEST.

I WISH ALL THE BEST FOR HER BRIGHT FUTURE.

THANK YOU!

Nagpure Clinical Lab
Late Annasaheb Kaware Complex,
Vidya Nagar, Main Road, Murtizapur
9822693499, 9822111499

All Reports should be interpreted after co-relation with chemical & other findings by competent medical person only

Biochemistry Reports by
Hematology Reports by
Electrolytes Reports by
Coagulation Reports by
Urine Reports by

Prtest Touch Biochemistry Analyser
BC-2300 Hematology Cell Counter
Allcare Electrolytes Analyser
Coagulation Analyser
Urine Analyser

SHIV KAWARKHE LABORATORY

CERTIFICATE OF INTERNSHIP

This intership program is presne to

Ku. Priti Dhonduji Bhisade

This is to certify that Ku. Priti Dhonduji Bhisade who has been a bonafide student of Vidyabharati Mahavidyalaya Amravati, Teaching department of chemistry. He has successfully completed intership programme in 2024 "SHIV KAWARAKHE LABORATORY" from 15th January 24th January 2024, which amount to total duration of 60 Learning hours cummulatively.

We wish his all the best in future endeavours



Shiv Kawarkhe Laboratory
DIRECTOR / OWNER

Place - Washim

Date - 27th January 2024



SHREE CLINICAL LAB & COLLECTION CENTER

Laboratory : Main Road, In Back Om General Store
Old Gramin Bank, Hiwarkhed Tq Tehara Dist Akola
Time : 9.00 A.M to 8.00 P.M
Mobile : Mo 9766404454, 9561854115



Mrs. Sonali A. Hanwante
B.Sc. D.M.L.T. (Mumbai)
Reg No. B.Sc./M.L.T./0064/2022

SUBJECT : INTERNSHIP COMPLETION LETTER

This is to certify that **MR. SHANTANU SANTOSH KUTAFALE** from **VIDYABHARATIMAHAVIDYALAYA, AMRAVATI** has successfully completed an internship at **SHREE CLINICAL LAB & COLLECTION CENTRE** for a duration of 30 days, commencing from 1st January 2024 to 30th January 2024.

During this period, Mr. Shantanu Santosh Kutafale demonstrated exceptional dedication, enthusiasm, and diligence towards his assigned tasks.

We observed Mr. Shantanu Santosh Kutafale to be a quick learner with excellent analytical skills and a strong ability to work both independently and collaboratively within a team environment. His contributions have been valuable to the progress and success of our lab's objectives.

We hereby acknowledge Mr. Shantanu Santosh Kutafale's successful completion of the internship program and wish him continued success in his academic and professional endeavors.

S. H. Hanwante
क्लिनिकल लॅब,
हिवरखेड ता. तेहारा
प्रोप्रायटर



(Fully Computerised)
Anand
Clinical Laboratory

S. T. Ghogale
B.Sc. (Micro Bio)
PG DMLT (BTE Mumbai)
Mob : 9767442234

Nida Hospital Complex,
Shriram Nagar, Balapur Road, SHEGAON

"Krushnakub" Mane Nagar
SBI Colony, SHEGAON (M.S.)

Time : 9 am to 9 pm (Sunday Evening Closed)

Experience Certificate For Medical Lab Technician

Date: / / 2023

This is to certify that **Mr. Yogeshwari Kundlik Tambare** was working as a "Lab Technician" in our organisation from One Year Experience Certificate Our organisation name is M/s Anand Clinical Laboratory Which is situated at (Shegaon Tq- Shegaon Dist- Buldhana 444203)

His work involved batch analysers in our laboratory. He acquired good knowledge on routine clinical investigations during the period of work here. He was well versed with the day-to-day practical working knowledge in the department of Clinical Pathology, Phlebotomy, Biochemistry, Haematology and related fields.

He was hard working, punctual and committed to his work. His behaviour with others and conduct at the work was satisfactory.

We wish him all the best for his future endeavours.

(Signature)

Dr. S.T. Ghogale

Pathologist

पुणे जिल्हा शासकीय वैद्यकीय महाविद्यालय
शेगाण तालुका शासकीय वैद्यकीय महाविद्यालय
शेगाण तालुका शासकीय वैद्यकीय महाविद्यालय
शेगाण तालुका शासकीय वैद्यकीय महाविद्यालय

• This is not medical Diagnostic Results in any case and any purpose • Strictly for this use or Registered Medical practitioners and Pathologist if used any unauthorized person we shall not be responsible • Test carried on the reference of Registered Medical Practitioners for the Medical diagnosis to be done by him or any other RPM or pathologist only • These are only laboratory and technical test result • Blood Group Rh typing subject to variation Depending upon Du Various and presence or interfering agglutinines in patient's blood. If warranted the test may kindly repeated.



Shree Pathology Lab

श्री पॅथोलॉजी लॅब

For Home Collection : 9309005260 | Email : shreepathlab007@gmail.com

1, Saltirth Apartment, Shegaon Road, Near Dr. Bankar Hospital Amravati.

Dr. Amit G. Kshar

Consultant Pathologist

MBBS (GMC Nagpur)

DCP (Pathology)

VMGMC (Solapur)

Reg. No. MMC2005/11/3971

EXPERIENCE CERTIFICATE

This is to certify that **Ku. Akansha Dipak Ambadkar** At- **Amravati Inter** has successfully completed his as a working in **Shree Pathology Lab, Amravati** In Laboratory Technician from 22-04-2024 to 21-05-2024 according to best of my knowledge his performance is very good in the department of pathology, Hematology, Clinical Biochemistry, Microbiology, Blood Bank , She is sincere, honest and working.

Date :- 21-05-2024

Place :- Amravati

Pathologist

Hematology | Clinical Pathology | Histopathology | Cytology | Biochemistry | Microbiology | Hormones | Corona

Conditions of Reporting: *Isolated laboratory never confirm the final diagnosis of the disease, they help in arriving at a diagnosis in conjunction with clinical observation and other related investigations. All investigations have their own error which are inherent to the limits of sensitivity and specificity of individual assay procedures. * Assent being to sample only & this lab represent patient name. * Subject to correction of typing & printing error. * Not valid for methamphetamine.

Date:-26.05.2024

Experience Certificate


This is to certify that **Ms. Arpita S. Kadu** has successfully completed a ten-day internship at Dr. Hedgewar Hospital Pathology Lab from 16/05/2024 to 25/05/2024.

During this period, she was involved in various activities and tasks related to pathology, including but not limited to:

- **Sample Collection and Processing:** Assisted in the collection and processing of patient samples under the guidance of senior laboratory technicians.
- **Microscopy and Slide Preparation:** Gained hands-on experience in preparing slides and using microscopy techniques to examine samples.
- **Diagnostic Tests:** Participated in conducting various diagnostic tests, including blood tests, urine tests, and tissue biopsies.
- **Data Recording:** Accurately recorded and maintained patient data and test results.
- **Laboratory Maintenance:** Assisted in maintaining laboratory cleanliness and ensuring all equipment was properly sanitized and stored.

Ms. Arpita S. Kadu demonstrated a keen interest in learning and exhibited a professional attitude towards her responsibilities.

We wish Ms. Arpita S. Kadu all the best in her future career.


Dr. Suvidhi Dhore
MBBS., MD
Consultant Pathologist
MIAC 2022/11/3879


Mr. Sanket Sahare
HR Manager
Dr. Hedgewar Hospital, Amravati.



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Devashree Raosaheb Thoke

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





shiv kawarakhe Laboratory

CERTIFICATE OF INTERNSHIP

This internship program is present to

Mr. Ganesh Niloba shinde

This is to certify that Mr. Ganesh Niloba shinde, Who has been a bonafide student of vidyabharti Mahavidyalaya Amravati. Teaching department of chemistry. He has successfully completed internship programme in 2024 SHIV KAWARAKHE Laboratory" from 15th January 27th January 2024, which amounts to total duration of 60 Learning hours, cummulatively.

We wish him all the best in future endeavors.



shiv kawarakhe Laboratory

DIRECTOR/OWNER

Place - Washim

Date - 27th January 2024

श्री कॉम्प्युटराईज्ड क्लिनिकल लॅबोरेटरी

Mrs. Jayamala S. Pawade (Khire)

P.G., D.M.L.T.

Reg. No. AD/MLT/0047/2021



Mr. Shubham A. Pawade

B.Sc., D.M.L.T.

बसस्टॅन्ड समोर, चक्करवार कॉम्प्लेक्स, हदगाव ता. हदगाव जि. नांदेड

8698002499, 9168002499

EXPERIENCE CERTIFICATE

This is to certify that Miss Gyatri Digambar Bokse Inter has successfully completed his as a Working in Shri Computerised clinical laboratory Hadgaon In Laboratory Technician from 20-04-2024 to 15- 05-2024 according to best of my knowledge his performance is very good in the Department of Hematology, Clinical Biochemistry, clinical Laboratory She is sincere, honest and working

Date : 16/05/2024

SHRI CLINICAL LABORATORY
HADGAON - REG. NO. AD/MLT/0047/2021
MR. SHUBHAM A. PAWADE
Lab Tech.



NOTE - Laboratory values are subject to variation in Analyzer, Cell Counter & reagents kits & condition of patients Hence clinical correlation is necessary. This report is not valid for medico legal purpose.





Dr. Zubair Ahmed
B.Sc.PGDMLT

BLOOD CARE

COMPUTERISED CLINICAL LAB

Address :- Near Assoriya Petrol Pump, Walgaon Road, Amravati, Mob. 9637963860 / 9623779945

SUBJECT: INTERNSHIP COMPLETION LETTER

This is to certify that **MR. HARSHAL SATHAWANE** from VIDYABHARATI MAHAVIDYALAYA, AMRAVATI has successfully completed an internship at BLOOD CARE COMPUTERISED CLINICAL LAB for a duration of 60 days, commencing from **1st July 2023 to 30th August 2023**.

During this period, Mr. Harshal Sathawane demonstrated exceptional dedication, enthusiasm, and diligence towards his assigned tasks.

We observed Mr. Harshal Sathawane to be a quick learner with excellent analytical skills and a strong ability to work both independently and collaboratively within a team environment. His contributions have been valuable to the progress and success of our lab's objectives.

We hereby acknowledge Mr. Harshal Sathawane's successful completion of the internship program and wish him continued success in his academic and professional endeavors.



- Strictly for the use of Medical Practitioner and Pathologist if Used by any other un-authorised person we shall not be responsible.
- Tests carried out on registered medical practitioner & for diagnosis to be done by him or any other RMP or Pathologist.
- These are not medical report in any case & for any purpose. • These are only laboratory and technical results.
- These are not medical diagnostic report.

Time: 9.00 a.m. to 10.00 p.m.

• phnt-nousheen 3370701491



Office : Opp. Radhasawmy satsang, Multai Road, Warud,
Teh - Warud, Dist. Amravati - 444 906.
Taj Khan : 9422916353, 9764777406,
Riyaz Khan : 9422950239, 9837047170,
Phone No. : 9049071837
Email : tajfruitco.warud@gmail.com



Ref:

Date:

To whom it may concern

CERTIFICATE

This is to certify that Miss. Janhavi Sanjay Farkade, who has been a bonafide student of Vidya Bharti Mahavidyala. Teaching Department of Chemistry. She has successfully completed Internship Program in Fruit Processing Department from 15th January 2024 - 27th January 2024, which amounts to total duration of 60 learning hours, cumulatively.

We wish her all the best in future endeavors.

Place :- Warud

Date :- 27th January 2024

Taj Fruit company,
WARUD FRUIT CO.

Partne.



**NAGPURE
CLINICAL LAB**
Excellent result is our moto

Mr. Pravin Nagpure

B.Sc., D.M.L.T., M.L.T.
Ex-Lab Technician Mahkar Critical Care
Pathology Unit, Akola
Mob : 9822693499

Mr. Abhishek S. Adhau

B.Sc., P.G.D.M.L.T. (MSBTE)
Mob: 7821867266

Mrs. Mamta P. Nagpure

B.Sc. (Micro & Biochemistry) DMLT,
PG. D.M.L.T. Government Medical College (MUHS)
Ex-Microbiologist Aquarich Mineral Water Plant (Jalgaon)
Mob. : 9822111499

Miss. Leena G. More

B.Sc., P.G.D.M.L.T. (MSBTE)
Mob. 7385717102

Lab Address : "Anurup" Complex In Front of Bustand, Daryapur

*** INTERNSHIP CERTIFICATE ***

THIS IS TO CERTIFY THAT MISS. KRUTIKA SUBHASHRAV MALPE,
STUDENT OF DEPARTMENT OF CHEMISTRY, VIDYA BHARTI MAHAVIDYALAY,
AMRAVATI DIST. AMRAVATI

SHE WAS WORKING WITH US AS MY APPRANTI FOR ABOUT 60 HRS IN SESSION
2023-24.

SHE PERFORMED SATISFACTORILY IN THE LAB WITH FOLLOWING
BIOCHEMISTRY, HAEMATOLOGY & SEROLOGICLE TEST.

I WISH ALL THE BEST FOR HER BRIGHT FUTURE.

THANK YOU!!

Nagpure Clinical Lab
Annsaheb Kaware Complex,
Vidya Nagar, Main Road, Murtizapur
9822693499, 9822111499

All Reports should be interpreted after co-relation with chemical & other findings by competent medical person only

Biochemistry Reports by
Hematology Reports by
Electrolytes Reports by
Coagulation Reports by
Urine Reports by

Pritest Touch Biochemistry Analyser
BC-2300 Hematology Cell Counter
Alicare Electrolytes Analyser
Coagulation Analyser
Urine Analyser



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science College

NAAC Accredited by Grade "A+" with CGPA of 3.42 (Fourth Cycle),

UGC Awarded Status of College with Potential for Excellence (Second Phase). Included in NIRF Ranking TWICE (2022 and 2023)

Rank Band 151 – 200, ISO 9001:2015 Certified College, Career Katta : Center of Excellence.

Identified by DST, Govt of India for FIST and Sant Gadge Baba Amravati University, Amravati as Lead College

Affiliated to Sant Gadge Baba Amravati University, Amravati (MS) INDIA

CERTIFICATE

This Certificate is awarded to

Mr. Kshitij C. Rithe (P. G. Student)

For the successful completion of the 18 Days Internship Program on

Instrumental Techniques and Their Practical Applications Organized by Central Instrumentation Center

During 17th July - 04th August 2023

His / Her performance was

Satisfactory(B) Good(B+) Excellent(A) Outstanding(A+).

Date: 04/08/2023

Place : Amravati

Program Coordinator

IQAC Coordinator

Principal



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Manjiri Sharad Sonattake

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER





CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Megharaj Gangadhar Gote

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**



EXPERIENCE CERTIFICATE

This is to that MISS, MONIKA POLHAD had completed her work as a laboratory technician at NURTURE DIAGNOSTIC Pathology Krims Hospital Nagpur. For the time period from 10 September 2023 to till date(04 November 2023)

During her tenure, she has handle biochemistry machine, Microbiology testing and also Hormonal Machine.

During her working period we found her a sincere , honest, hardworking, dedicated employee with a professional attitude and very good knowledge. She is amiable in nature and character as well as.

We wish her every success in life.

Dimpi
DR. Dimpri Ohari
MD DNB PATHOLOGY
Reg No. 10 5




CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Prajakta Gajanan Pimpalshende

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER





Shri Shivaji Education Society, Amravati's
Shri Shivaji Science College

NAAC Accredited by Grade "A+" with CGPA of 3.42 (Fourth Cycle).

UGC Awarded Status of College with Potential for Excellence (Second Phase), Included in NIRF Ranking TWICE (2022 and 2023)

Rank Band 151 – 200, ISO 9001:2015 Certified College, Career Katta : Center of Excellence.

Identified by DST, Govt of India for FIST and Sant Gadge Baba Amravati University, Amravati as Lead College

Affiliated to Sant Gadge Baba Amravati University, Amravati (MS) INDIA

CERTIFICATE

This Certificate is awarded to

Miss. Pranjali V. Rahate (P. G. Student)

For the successful completion of the 18 Days Internship Program on
Instrumental Techniques and Their Practical Applications Organized by Central Instrumentation Center

During 17th July - 04th August 2023

His / Her performance was

Satisfactory(B)/ Good(B+)/ Excellent(A)/ Outstanding(A+).

Date: 04/08/2023

Place :Amravati


Program Coordinator


IQAC Coordinator


Principal



Shri
SAMARTH
Computerised Advance Lab



Ganesh S. Vaidya
B.Sc.Micro,PGDMLT
M.S.B.T.E. (Mumbai)
Reg No. AD/MLT/0259/2022
महाराष्ट्र पत्रावेद्याधिकार परिषद नोंदणीकृत
Mo. 8975699147, 9834119790

📍 Add : Shivneri Complex, Akola Naka, Washim 444 505



Sampal Collected at lab / Brought to lab

To whom soever it may concern

EXPERIENCE CERTIFICATE

This is to certify that miss **Pratikasha Dattatray Pawar** was working with Shri Samarath laboratory , washim from November 2023 to 05 January 2024 .

She is Sincere and Hard working .

I wish him best luck for future.

Thanks to Reference

Ganesh S. Vaidya
B.Sc.Micro,PGDMLT, M.S.B.T.E. (Mumbai)

Foot Note - (Subject to Conditions Overleaf)

These are not Medical Diagnostic Results in any case and any purpose. • Strictly for the use of Registered Medical Practitioners & Pathologist. If used by any unauthorised person we shall not be responsible. • Test carried on the reference of Registered Medical Practitioners for the medical diagnosis to be done by them or any other RMP or Pathologist only. • These are only laboratory & technical test results. • Blood Group (Rh typing): Subject to Variation Depending upon Du variants & presence of interfering agglutinins in patient's blood.



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Pratiksha Vedprakash Gulhane

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





Dr. Zubair Ahmed
B.Sc. PCDMLT

BLOOD CARE

COMPUTERISED CLINICAL LAB

Address :- Near Assoriya Petrol Pump, Walgaon Road, Amravati, Mob 9637963860 / 9623779945

SUBJECT: INTERNSHIP COMPLETION LETTER

This is to certify that **MR. ROHIT KESHAV DAHIBHAT** from VIDYABHARATI MAHAVIDYALAYA, AMRAVATI has successfully completed an internship at BLOOD CARE COMPUTERISED CLINICAL LAB for a duration of 60 days, commencing from 1st July 2023 to 30th August 2023.

During this period, Mr. Rohit Keshav Dahibhat demonstrated exceptional dedication, enthusiasm, and diligence towards his assigned tasks.

We observed Mr. Mr. Rohit Keshav Dahibhat to be a quick learner with excellent analytical skills and a strong ability to work both independently and collaboratively within a team environment. His contributions have been valuable to the progress and success of our lab's objectives.

We hereby acknowledge Mr. Rohit Keshav Dahibhat's successful completion of the internship program and wish him continued success in his academic and professional endeavors.



- Strictly for the use of Medical Practitioner and Pathologist if Used by any other un-authorized person we shall not be responsible.
- Tests carried out on registered medical practitioner & for diagnosis to be done by him or any other RMP or Pathologist.
- These are not medical report in any case & for any purpose.
- These are only laboratory and technical results.
- These are not medical diagnostic report.

Time - 9.00 a.m. to 10.00 p.m.

• contact: zubairahmed 93701

Date:-26.05.2024

Experience Certificate

This is to certify that **Ms. Sakshi B. Malode** has successfully completed a ten-day internship at Dr. Hedgewar Hospital Pathology Lab from 16/05/2024 to 25/05/2024.

During this period, she was involved in various activities and tasks related to pathology, including but not limited to:

- **Sample Collection and Processing:** Assisted in the collection and processing of patient samples under the guidance of senior laboratory technicians.
- **Microscopy and Slide Preparation:** Gained hands-on experience in preparing slides and using microscopy techniques to examine samples.
- **Diagnostic Tests:** Participated in conducting various diagnostic tests, including blood tests, urine tests, and tissue biopsies.
- **Data Recording:** Accurately recorded and maintained patient data and test results.
- **Laboratory Maintenance:** Assisted in maintaining laboratory cleanliness and ensuring all equipment was properly sanitized and stored.

Ms. Sakshi B. Malode demonstrated a keen interest in learning and exhibited a professional attitude towards her responsibilities.

We wish Ms. Sakshi B. Malode all the best in her future career.



Dr. Savitri Dhore
MBBS., MD
Consultant Pathologist
MNC-2020114679



Mr. Sanket Sahare
HR Manager
Dr. Hedgewar Hospital, Amravati.



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Sakshi Marotrao Pojge

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





**NAGPURE
CLINICAL LAB**

Excellent result is our moto

Mr. Pravin Nagpure

B.Sc., D.M.L.T., M.L.T.

Ex-Lab Technician Mankar Critical Care
Pathology Unit, Akola

Mob. : 9822693499

Mrs. Mamta P. Nagpure

B.Sc. (Micro & Biochemistry) DMLT,

PG. D.M.L.T. Government Medical College.(MUHS)

Ex-Microbiologist Aquarich Mineral Water Plant (Jaigaon)

Mob. : 9822111499

Mr. Abhishek S. Adhau

B.Sc., P.G.D.M.L.T.(MSBTE)

Mob. 7821867266

Miss. Leena G. More

B.Sc., P.G.D.M.L.T.(MSBTE)

Mob. 7385717102

Lab Address : "Anurup" Complex In Front of Bustand, Daryapur

*** INTERNSHIP CERTIFICATE ***

THIS IS TO CERTIFY THAT MISS. SAMRIDDHI RAJESH BAJAD,
STUDENT OF DEPARTMENT OF CHEMISTRY, VIDYA BHARTI MAHAVIDYALAY,
AMRAVATI DIST. AMRAVATI

SHE WAS WORKING WITH US AS MY APPRANTI FOR ABOUT 60 HRS IN SESSION
2023-24.

SHE PERFORMED SATISFACTORILY IN THE LAB WITH FOLLOWING
BIOCHEMISTRY, HAEMATOLOGY & SEROLOGIC TEST.

I WISH ALL THE BEST FOR HER BRIGHT FUTURE.

THANK YOU!


Nagpure Clinical Lab
Late Annasaheb Kaware Complex,
Vidya Nagar, Main Road, Murtizapur
9822693499, 9822111499

All Reports should be interpreted after co-relation with chemical & other findings by competent medical person only

Biochemistry Reports by
Hematology Reports by
Electrolytes Reports by
Coagulation Reports by
Urine Reports by

: Pritest Touch Biochemistry Analyser
: BC-2300 Hematology Cell Counter
: Allcare Electrolytes Analyser
: Coagulation Analyser
: Urine Analyser



shiv kawarakhe Laboratory

CERTIFICATE OF INTERNSHIP

This internship program is present to
Miss.Sanchita sahebrao wankhade

This is to certify that Miss.Sanchita sahebrao wankhade, Who has been a bonafide student of vidyabharti Mahavidyalaya Amravati. Teaching department of chemistry.

She has successfully completed internship programme in 2024 SHIV KAWARAKHE Laboratory" from 15th January 27th January 2024, which amounts to total duration of 60 Learning hours, cummulatively.

We wish her all the best in future endeavors.



shiv kawarakhe Laboratory
DIRECTOR/OWNER

Place - Washim

Date - 27th January 2024

EXPERIENCE CERTIFICATE

This is to certify that Miss **Shubhangi Nagorao Deshmukh** Inter has successfully completed his as a Working in **Nidan Patho Lab Pusad In Laboratory Technician from 12-04-2024 to 08-05-2024** according to best of my knowledge his performance is very good in the Department of Pathology, Hematology, Clinical Biochemistry, Histopathology, Microbiology, Blood Bank, She is sincere, honest and working

Date:-08/05/2024

Mr. Rathod Rajendra
Bachelor of Medical Laboratory

Dr. Chavhan B. L.
M.D. Path.



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Shyamali Sanjay Khandar

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER





CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Stuti Vilasrao Tikale

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**





TM

Nicesoll



CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly awarded to

Sushant Sunil Badnakhe

For her outstanding completion of the internship program at
DK MANUFACTURING INDUSTRY From 20 April to 20 May 2024



**DK MANUFACTURING INDUSTRY
DIRECTOR/OWNER**



Trade **H.M.D.** Mark**AQSA Fruit Supplier**

Ashti Distt. Wardha (Maharashtra) 442202



AlimKhan HabibKhan Pathan
 (The Marketing People since 1965)
 08806692300, 09423117991

No.

Date 27 Jan 2024M/s Vaishnavi Anilrao Kohale

Truck No. _____

Gross Weight -

Empty Weight -

Net Weight -

Other Expences -

To Whom It May Concern

CERTIFICATE

This is to certify that Miss Vaishnavi Anilrao Kohale who has been a bonafide student of Vidyabharti Mahavidyala Teaching Department of Chemistry. She has successfully completed Internship Program in Fruit Processing Department from 15 January 2024 to 27 January 2024 which amounts to total duration of 60 learning hours, cumulatively.

We wish her all the best in future endeavours.

Place Ashti

Date - 27 Jan. 2024

AlimKhan
 AQSA Fruit Produce and Supply

Proprietor



Dr. Zubair Ahmed
B.Sc.PGDMLT

BLOOD CARE

COMPUTERISED CLINICAL LAB

Address :- Near Assoriya Petrol Pump, Walgaon Road, Amravati. Mob. 9637963860 / 9623779945

SUBJECT: INTERNSHIP COMPLETION LETTER

This is to certify that **MR. Yash Rajendra Raut** from **VIDYABHARATIMAHAVIDYALAYA, AMRAVATI** has successfully completed an internship at **BLOOD CARE COMPUTERISED CLINICAL LAB** for a duration of 60 days, commencing from **1st July 2023 to 30th August 2023**.

During this period, **Mr. Yash Rajendra Raut** demonstrated exceptional dedication, enthusiasm, and diligence towards his assigned tasks.

We observed **Mr. Yash Rajendra Raut** to be a quick learner excellent analytical skills and a strong ability to work both independently and collaboratively within a team environment. His contributions have been valuable to the progress and success of our lab's objectives.

We hereby acknowledge **Mr. Yash Rajendra Raut's** successful completion of the internship program and wish him continued success in his academic and professional endeavors.



- Strictly for the use of Medical Practitioner and Pathologist if Used by any other un-authorised person we shall not be responsible.
- Tests carried out on registered medical practitioner & for diagnosis to be done by him or any other RMP or Pathologist.
- These are not medical report in any case & for any purpose.
- These are only laboratory and technical results.
- These are not medical diagnostic report.

CERTIFICATE

This is to certify that the project dissertation "Synthesis and physico-chemical analysis of 1,3,4-Oxadiazole" has been submitted by Miss. Krutika Subhashrav Malpe (M.Sc. II yr) in Satisfactory manner under my supervision and guidance for the partial fulfillment of Degree of Master of Science, Sant Gadge Baba Amravati University, Amravati during the academic year 2023-24

Date: 9/4/2024

Place: Amravati



Prof. Capt. M. M. Rathore
Head

Department of Chemistry

Department of Chemistry

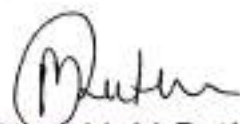
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is certify that this project dessertation "**Green Synthesis of 1,3,4-Thiadiazole and 1,3,4-Oxadiazole Derivatives: A Green Approach For Sustainable Chemistry**"has been completed by Miss. Pratiksha Vedprakash Gulhane M.Sc-II under the Supervision of Prof.Dr. Vijay H. Masand in post Graduate Department of chemistry, Vidya Bharati Mahavidyalaya, Amravati During the Academic year 2023-2024. I Wish her every success in her life

Date.

Place : Amravati.



Prof. Dr. C. M. M. Rathore

Head

Department of Chemistry

Department of chemistry

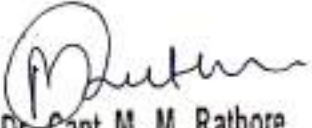
Vidya Bharati Mahavidyalaya, Amravati.



CERTIFICATE

This is to certify that dissertation on "Green Synthesis and in silico ADMET analysis of some 1,3,4-Thiadiazole derivatives" has been Submitted by (M.Sc. II yr) in Satisfactory manner under my supervision and guidance for the partial fulfillment of Degree of Master of Science, Sant Gadge Baba Amravati University, Amravati during the academic year 2023-24.

Date: 19/04/2024
Place: Amravati


Prof. Dr. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head
Department of Chemistry
Department of Chemistry

Vidya Bharati Mahavidyalaya, Amravati



CERTIFICATE

This is to certify that this Project work has been completed by Mr. **Rohit K. Dahibhat** under the supervision and guidance of **Prof. Dr. P. S. Bodkhe** for the partial fulfillment of degree of Master of Science, Sant Gadage Baba University, Amravati. During the academic year 2023-2024.

Date : 19/04/2024

Place : Amravati



Prof. Dr. P. S. Bodkhe

Department of Chemistry,

Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled '**Synthesis and Biocidal Effects of β -Diketone**' is the bonafide research work carried out by Mr. Fardin Khan Afsar Khan under the guidance of **Prof. Dr. P. S. Bodkhe** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati


Prof. Dr. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head

Department of Chemistry
Department of Chemistry,

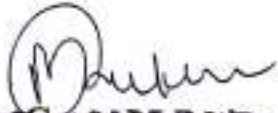
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled '**Synthesis and Biocidal Effects of β -Diketone**' is the bonafide research work carried out by **Miss. Priti Dhonduji Bhisade** under the guidance of **Prof. Dr. P. S. Bodkhe** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati


Prof. Dr. C. M. M. Rathore
Head
Department of Chemistry
Department of Chemistry,
Vidya Bharati Mahavidyalaya,
Amravati

CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and Biocidal Effects of β -Diketone' is the bonafide research work carried out by Mr. Harshal R. Sathawane under the guidance of Prof. Dr. P. S. Bodkhe in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/04/2024

Place : Amravati


Prof. Capt. M. M. Rathore
Head
Department of Chemistry

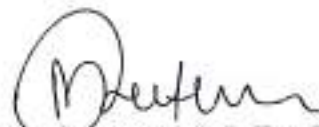
Department of Chemistry,
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and Biocidal Effects of β -Diketone' is the bonafide research work carried out by Miss. Vaishnavi Anilrao Kohale under the guidance of Prof. Dr. P. S. Bodkhe in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati



Prof. Dr. Capt. M. M. Rathore

Head

Department of Chemistry,

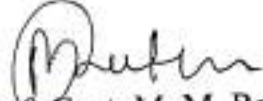
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that Ms. Sanchita S. Wankhade is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone" under the supervision of Dr. Pradnya Nalawade and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 22/04/24
Place: Amravati


Dr. ~~Prof. Capt. M. M. Rathore~~
Head
Department of Chemistry,
Vidyabharati Mahavidyalaya, Amravati

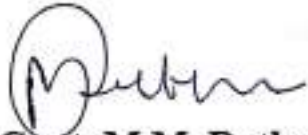
CERTIFICATE

This is to certify that this project work entitled "SYNTHESIS OF PYRAZOLINE and It's DERIVATIVES" is the bonafidereaserch work carried out by Miss.Shyamali Sanjay Khandar under the guidance of Dr.Pradnya Nalawade in the P.G. DEPARTMENT OF CHEMISTRY, Vidya bharti Mahavidyalaya, Amravati. In the academic year 2023-2024, and this work has not been submitted elsewhere for award of any diploma and degree.

I wish every success in her life.

Date:-

Place:- Amravati

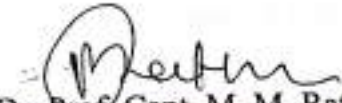

Prof. Capt. M.M. Rathore
Prof. Capt. M.M. Rathore
HOD
Department of Chemistry
Department of Chemistry,
Vidyabharti Mahavidyalaya,
Amravati

CERTIFICATE

This is to certify that Mr. Ganesh N. Shinde is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "One Pot-One step in Synthesis of 4-Piperidone And Its Derivative" under the supervision of Dr. Pradnya Nalawade and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/24
Place: Amravati


Dr. Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
HOD
Head
Department Of Chemistry
Department of Chemistry
Vidyabharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that the project work entitled "Management and Financial Accounting" has been successfully completed and approved by the "Management Studies Board" under the guidance of the Academic Advisor and the administrative staff of the Department of Management Studies. The student has secured 45% marks and the work has not been referred for re-approval in any subject and subject.

It is hereby certified that the student has secured 45% marks.

Name: Abhishek Singh

Roll No: 1000000000

Dr. J. P. Singh
Head of Department
Department of Management Studies

Dr. J. P. Singh
Head
Department of Management Studies

Dr. J. P. Singh
Head of Department
Department of Management Studies

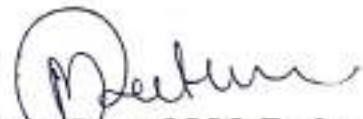
CERTIFICATE

This is to certify that this project work entitled "Pyrazoline and its Phenyl and sub-phenyl Derivatives" is the bonafide reaserch work carried out by Miss. "Pranjali Vasudeo Rahate" under the guidance of Dr. Pradnya Nalawade in the P.G. DEPARTMENT OF CHEMISTRY, Vidya bharti Mahavidyalaya, Amravati. In the academic year 2023-2024, and this work has not been submitted elsewhere for award of any diploma and degree.

I wish every success in her life.

Date:- 19/04/2024

Place:- Amravati



Prof. Capt. M.M. Rathore

Prof. M.M. Rathore
Head
Department of Chemistry

Vidyabharti Mahavidyalaya,

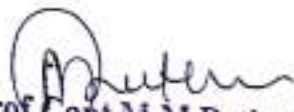
Amravati

CERTIFICATE

This is to certify that this project work entitled "Sophisticated ways to prepare 4 piperidone and it's derivatives" is the bonafide reaserch work carried out by Miss. Devashree R.Thoke under the guidance of Dr. Pradnya Nalawade in the P.G. DEPARTMENT OF CHEMISTRY, Vidya bharti Mahavidyalaya, Amravati. In the academic year 2023-2024, and this work has not been submitted elsewhere for award of any diploma and degree. I wish every success in her life.

Date :- 19/04/24

Place: Amravati


Prof. Capt. N. M. Rathore
Prof. Capt. M. M. Rathore
Head
Department of Chemistry
HoD

Department of Chemistry
Vidyabharati Mahavidyalaya
Amravati.

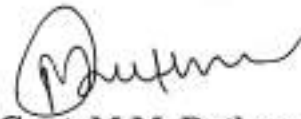
CERTIFICATE

This is to certify that this project work entitled "SYNTHESIS OF CHALCONE and It's DERIVATIVES" is the bonafide reaserch work carried out by Miss. **Prajakta Gajanan Pimpalshende** under the guidance of **Dr. Pradnya Nalawade** in the P.G. DEPARTMENT OF CHEMISTRY, Vidya bharti Mahavidyalaya, Amravati. In the academic year 2023-2024, and this work has not been submitted elsewhere for award of any diploma and degree.

I wish every success in her life.

Date : 19/04/2024

Place : Amravati



Prof. Capt. M.M. Rathore

Prof. Capt. M.M. Rathore

HOD,
Head

Department of Chemistry,
Department of Chemistry

Vidyabharti Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that Manjiri Sharad Sontakke is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone and its optimization in different solvents" under the supervision of Dr. Jayant Bansod and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/4/2024
Place: Amravati

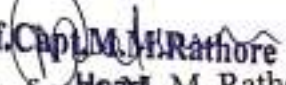

Dr. Prof. Capt. M. M. Rathore
Head
(Department of Chemistry)
Vidyabharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that Stuti Vilasrao Tikale is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone and its optimization in different solvents" under the supervision of Dr. Jayant Bansod and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/24
Place: Amravati


Prof. Capt. M. H. Rathore
Dr. Prof. Capt. M. Rathore
Head
Department of Chemistry
HOD

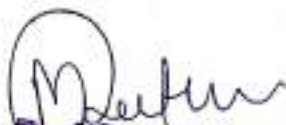
(Department Of Chemistry)
Vidyabharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that Kshitij Chhatrapati Rithe is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone and its optimization in different solvents" under the supervision of Dr. Jayant Bansod and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 22.04-24
Place: Amravati


Dr. Prof. Capt. M. M. Patil
Head
Department of Chemistry
Department Of Chemistry
Vidyabharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that Megharaj Gangadhar Gote is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone and its optimization in different solvents" under the supervision of Dr. Jayant Bansod and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 22-04-24.
Place: Amravati


Dr. Prof. Capt. M. M. Rathore
HoD.

Department Of Chemistry,
Vidyabharati Mahavidyalaya, Amravati

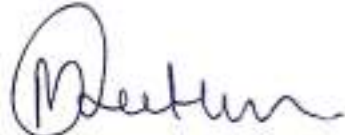
Prof. Capt. M. M. Rathore
Head
Department of Chemistry

CERTIFICATE

This is to certify that Monika Dadarao Polhad is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Preparation of chalcone and its optimization in different solvents" under the supervision of Dr. Jayant Bansod and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19-4-24
Place: Amravati

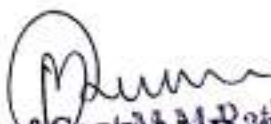

Dr. Prof. Dr. M.M. Rathore
Head
(Department of Chemistry)
Vidyabharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antibacterial activities' is the bonafide research work carried out by Miss. Kanchan A. Gore under the guidance of Mr. C. N. Jadhav in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati

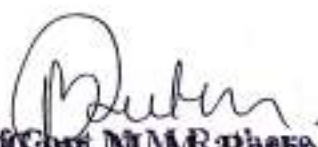

Prof. Capt. M. M. Rathore
Head
Department of Chemistry
Department of Chemistry,
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled '**Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antifungal activities**' is the bonafide research work carried out by **Mr. Shantanu S. Kutafale** under the guidance of **Mr. C. N. Jadhav** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati


Prof. Dr. C. N. Jadhav
Head
Department of Chemistry
Department of Chemistry,
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antifungal activities' is the bonafide research work carried out by **Mr. Mayur B. Khandare** under the guidance of **Mr. C. N. Jadhav** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati



Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head

Department of Chemistry,
Department of Chemistry,

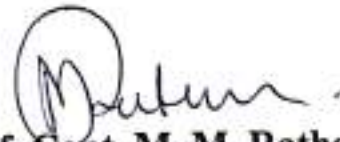
Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antibacterial activities' is the bonafide research work carried out by Miss. Achal R. Khandar under the guidance of Mr. C. N. Jadhav in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati



Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore

Head
Head

Department of Chemistry

Department of Chemistry,


Vidya Bharati Mahavidyalaya, Amravati

CERTIFICATE

This is to certify that the Program was carried out under the supervision and administration of the professional / technical / educational institutions with regard to their educational activities in the respective concerned field covered under the National Curriculum Framework for the profession of the / Department / Government / College / School / Institution, Government and the award has not been subjected to any external assessment / evaluation for award of any diploma / certificate / degree.

Date: 05/01/2024

Place: Mumbai


Head / Principal of the Institution
Institution / Department
Name
Institution / Department

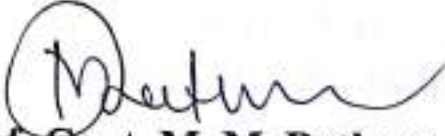
Institution / Department, Government

CERTIFICATE

This is to certify that this Project work entitled '**Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antifungal activities**' is the bonafide research work carried out by **Mr. Sushant S. Badnakhe** under the guidance of **Mr. C. N. Jadhav** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati


Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head
Head
Department of Chemistry
Department of Chemistry

Vidya Bharati Mahavidyalaya, Amravati



CERTIFICATE

This is to certify that this Project work entitled 'Synthesis and characterization of the substituted 1,3,4-thiadiazole derivatives with respect to their antibacterial activities' is the bonafide research work carried out by **Miss. Samriddhi R. Bajad** under the guidance of **Mr. C. N. Jadhav** in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date : 19/ 04/2024

Place : Amravati

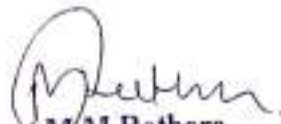

Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head
Department of Chemistry
HOD

Department of Chemistry,
Vidya Bharati Mahavidyalaya, Amravati

Certificate

This is to certify that this project work has been completed by Miss. Madhavi N. Kurwade under the supervision of Dr.C. N. Deshmukh, Asst. Professor in Post-graduate Department of Chemistry, Vidya Bharati Mahavidyalaya Amravati. During the academic year 2023-2024. I wish her every success in her life.

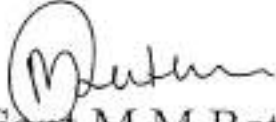
Date: 19/04/2024.
Place: Amravati.


Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head Department of Chemistry
Department of Chemistry
Vidya Bharati Mahavidyalaya Amravati

CERTIFICATE

This is to certify that this project work has been completed by Ku. Yogeshwari Kundlik Tambare, under the supervision of Dr. C. N. Deshmukh, in Post-Graduate Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati during the academic year 2023-2024. I wish him every success in his life.

Date: 22-04-24
Place: Amravati


Prof. G. M. M. Rathore
HoD Head
Department of Chemistry
Department of Chemistry,
Vidyabharti Mahavidyalaya,
Amravati

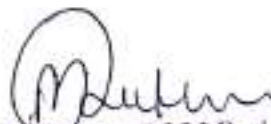
CERTIFICATE

This is to certify that Miss. Aakansha Dipak Ambadkar is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Residual analysis of pesticide in some vegetable" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/2024

Place: Amravati


Dr. Prof. Dr. C. N. Deshmukh
Head
Department of Chemistry

Department Of Chemistry
Vidya Bharati Mahavidyalaya,
Amravati

CERTIFICATE


This is to certify that Miss. Arpita Sunil Kadu, is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Effect of metal ligand complex on germination of FENUGREEK SEED" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/2024

Place: Amravati

Amravati


Prof. Capt. M. M. Rathore
Dr. Prof. Capt. M. M. Rathore
Head
Department of Chemistry
(Department Of Chemistry)

Vidyabharati Mahavidyalaya,

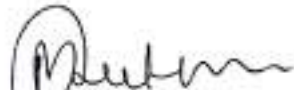
CERTIFICATE

This is to certify that Miss. Gayatri Digambar Bokshe is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Analysis Of Agricultural Soil" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19-04-24

Place: Amravati


Dr. Prof. Capt. M. M. Rathore
Head
Department of Chemistry
(Department Of Chemistry)
Vidya Bharati Mahavidyalaya,
Amravati

CERTIFICATE

This is to certify that Miss. Janhavi Sanjay Farkade is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Analysis Of Agricultural Soil" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/24

Place: Amravati


Dr. P. K. G. M. M. Rathore
Head
Department of Chemistry
(Department Of Chemistry)
Vidya Bharati Mahavidyalaya,
Amravati

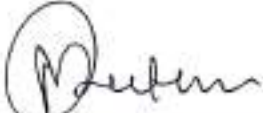
CERTIFICATE

This is to certify that Miss. Pratiksha Dattatray Pawar is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Analysis Of Agricultural Soil" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/24

Place: Amravati


Dr. Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head
Department of Chemistry
(Department Of Chemistry)
Vidya Bharati Mahavidyalaya,
Amravati


CERTIFICATE

This is to certify that Miss. Sakshi Banduj Malode is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Detection of pesticides residue in fruits and vegetables" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19/04/2024

Place: Amravati


Dr. Prof. Capt. M. M. Rathore
Prof. Capt. M. M. Rathore
Head
Department of Chemistry
(Department Of Chemistry)
Vidya Bharati Mahavidyalaya,
Amravati

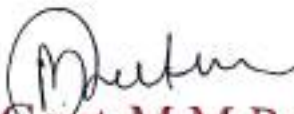
CERTIFICATE

This is to certify that this project work "Effect of Chalcone on germination of gaillardia" is the bonafide research work carried out by Miss. Shraddha Mukind Deshmukh, under the guidance of Dr. C. N. Deshmukh, in Post-Graduate Department of Chemistry, Vidya Bharti Mahavidyalaya, Amravati during the academic year 2023-24. This work has not been submitted elsewhere for award of any diploma and degree.

I wish every success in her life.

Date: 19/04/2024

Place: Amravati


Prof. Capt. M.M Rathore
Prof. Capt. M.M Rathore
HOD,
Head,
Department of Chemistry,
Department of Chemistry,
Vidya Bharti Mahavidyalaya,
Amravati

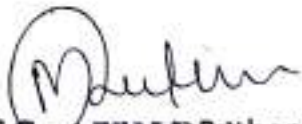
CERTIFICATE

This is to certify that Miss. Shubhangi Nagorao Deshmukh is a bonafide student of the Department of Chemistry studying in M.Sc. II (Sem IV) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Analysis Of Agricultural Soil" under the supervision of Dr. C. N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.Sc. (Chemistry) in science faculty.

Date: 19-4-2024

Place: Amravati

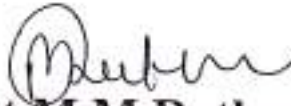

Dr. Prof. Capt. M. M. Bhatore
Head
HOD
Department of Chemistry
(Department Of Chemistry)
Vidya Bharati Mahavidyalaya,
Amravati

CERTIFICATE

This is to certify that this project work has been completed by **Mr. Yash Rajendra Raut**, under the supervision of **Dr. C. N. Deshmukh**, in Post-Graduate Department of Chemistry, Vidya Bharti Mahavidyalaya, Amravati during the academic year 2023-24. I wish her every success in her life.

Date: 16/4/24

Place: Amravati


Prof. Capt. M.M. Rathore Mam
Prof. Capt. M.M. Rathore
Head,
Department of Chemistry,
Department of Chemistry,
Vidya Bharti Mahavidyalaya,
Amravati.
2023-24

CERTIFICATE

This is to certify that Miss. Ashniya Sadaf.

is a bonafide student of the Department of Chemistry studying in M.sc. II (sem iv) during the academic year 2023-2024.

Further it is certified that he has carried out the project worked entitled "Adsorption of metal ions on fruit skin " under the supervision of Dr.C.N. Deshmukh and submitted for the partial fulfillment of the award of degree of M.sc. (Chemistry) in science faculty.

Date : 19/04/24

Place : Amravati


Prof. Capt. M. M. Rathore
Head
Department of Chemistry
Department Of Chemistry
Vidya Bharati Mahavidyalaya, Amravati

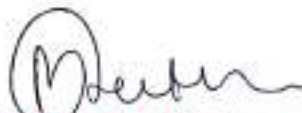
CERTIFICATE

This is to certify that this project work "Effect of chalcone on germination of fenugreek" is the bonafide research work carried out by *Miss Chaitrali Sanjay More*, under the guidance of *Dr. C. N. Deshmukh*, in Post-Graduate Department of Chemistry, VidyaBharti Mahavidyalaya, Amravati during the academic year 2023-24. This work was not submitted elsewhere for award of diploma and degree.

I wish every success in her life.

Date: 19/04/24

Place: Amravati


Prof. Capt. M.M. Rathore
Prof. Capt. M.M. Rathore
HOD,
Head
Department of Chemistry
Department of Chemistry
Vidya Bharti Mahavidyalaya,

DISSERTATION ON
CYTOXICITY STUDIES OF VINEGAR ON ALLIUM CEPA

Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S.)
For the Partial fulfillment of "Requirements of
Degree of Master of Science.
In Botany (2023 -24)

BY

KU. DIPTI ARUNRAO NARWADE

Under the supervision of

Dr. P. G. Bansod

Department of Botany,
Vidya Bharati Mahavidyalaya, Amravati.



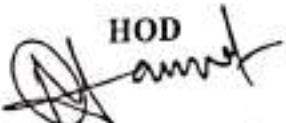
POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

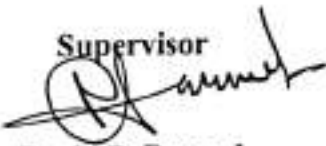
(NAAC Reaccredited with Grade "A")
Vidya Bharati Shaik Shanik Mandal
Amravati's(CPE Status by UGC)

Lead College by S.G.B.A.U. Amravati.

CERTIFICATE


This is to certify that the Project "work entitled "Cytotoxicity Studies Of Vinegar On Allium Cepa" to Submitted by Ku. Dipti Arunrao Narwade which is being submitted in Partial fulfillment for the award of Degree of" Master of Science in Botany of Sant Gadge Baba Amravati. Post Graduate. Department of Botany Vidya Bharati is Mahavidyalaya; Amravati is record of bonafied research Work carried out by him under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya Amravati.


HOD
Dr. P.G. Bansod
Prof. P.G. BANSOD
Associate Professor & Head
M.Sc. NET Ph.D.
Department of Botany
Professor & Head Department of Botany
V.B.M.V. Amravati
Vidya Bharati Mahavidyalaya
Amravati


Supervisor
Dr. P.G. Bansod
Prof. P.G. BANSOD
Incharge Teacher
M.Sc. NET Ph.D.
PG, Department of Botany
Professor & Head Department of Botany
V.B.M.V. Amravati
Vidya Bharati Mahavidyalaya
Amravati

Date: / / 2024

Place: Amravati.


19/4/24
Signature of Examiner

DISSERTATION ON
TO EVALUATE THE EFFECT OF SALINITY AND DROUGHT
STRESS ON SPINACH OLERACEA

Submitted to

Sant Gadge Baba Amravati Univeresity, Amravati (M.S.)
For the Partial fulfillment of "Requirements of
Degree of Master of Science.
In Botany (2023 -24)

BY

MISS. PRIYANKA PURUSHOTTAM BABNEKAR

Under the supervision of

Dr. P. G. Bansod
Department of Botany,
Vidya Bharati Mahavidyalaya, Amravati.



POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

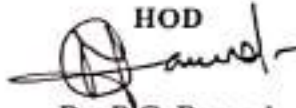
(NAAC Reaccredited with Grade "A")
Vidya Bharati Shaik Shanik Mandal
Amravati's (CPE Status by UGC)

Lead College by S.G.B.A.U. Amravati.

CERTIFICATE

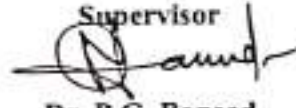
This is to certify that the Project "work entitled "To Evaluate The Effect of Salinity and Drought Stress on spinach olercea" to Submitted by Miss. Priyanka Purushottam Babnekar which is being submitted in Partial fulfillment for the award of Degree of" Mastere of Sciencer in Botany of Sant Gadge Baba Amravati. Post Graduate. Department of Botany Vidya Bharati is Mahavidyalaya; Amravati is record of bonafied research Work carried out by him under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya Amravati.

HOD



Dr. P.G. Bansod
Associate Professor & Head
Prof. P. G. BANSOD
Department of Botany
V.B.M.V. Amravati
Professor & Head Department of Botany
Vidya Bharati Mahavidyalaya
Amravati

Supervisor



Dr. P.G. Bansod
Incharge Teacher
PG. Department of Botany
V.B.M.V. Amravati

Date: 19/04/2024

Place: Amravati.



Signature of Examiner

Dissertation on
Analysis of Water Quality Evolution Using Physico-chemical parameter of Different Particular Area
Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2015-2016)

By

Miss. Vaishnavi Sudhir Dabhade

Under the supervision of

Dr P.G. Bansod

Department of Botany

VidyaBharti Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharti Shaikshanik Mandal, Amravati's

Vidyabharti Mahavidyalaya, Camp, Amravati

NAAC Re-accredited with Grade "A" {CPE Status by UGC}




CERTIFICATE

This is to certify that the project work entitled "Evolution of water quality Analysis" submitted by Miss.Vaishnavi Sudhir Dabhade which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati

HOD

Prof. P. G. BANSOD
M.Sc., NET, Ph.D.
Associate Professor & Head, Department of Botany,
Vidya Bharati Mahavidyalaya,
Department of Botany,
VBMV, Amravati.

Supervisor

Dr. P. G. Bansod
Incharge Teacher,
PG Department of
VBMV, Amravati.

Date: 19/4 /2024.

Place: Amravati


Signature of Examiner

DISSERTATION ON

Analysis of Water Quality Using Physico-Chemical Parameters
Collected from **of Different Areas in Amravati District**

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

MR. Shubham Ravindra Armal

UNDER THE SUPERVISION OF

Dr P.G. Bansod

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharti Shaikshaniik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" [CPE Status by UGC]



CERTIFICATE

This is to certify that the project work entitled "Water Quality Analysis" submitted by Mr. Shubham Ravindra Armal which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

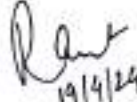
Dr. P.G. Bansod
Prof. P. G. BANSOD
M.Sc., NET, Ph.D.
Associate Professor & Head Department of Botany
Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati
Amravati

Supervisor

Dr. P.G. Bansod
M.Sc., NET, Ph.D.
Incharge Teacher
Professor & Head Department of Botany
PG Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati
Amravati

Date: 19/04/2024

Place: Amravati


19/4/24
Signature of Examiner

DISSERTATION ON
**CYTOTOXIC EFFECT OF FOOD COLOUR (KESAR
YELLOW) IN PLANT CELL DIVISION**

Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S.)
For the Partial fulfillment of "Requirements of
Degree of Master of Science.
In Botany (2023 -24)

BY

MISS. KHADIJA SHEIKH MOHAMMAD ANIQUE

Under the supervision of

DR. P. G. BANSOD SIR

Department of Botany,
Vidya Bharati Mahavidyalaya, Amravati.

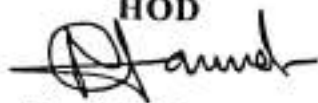


POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
(NAAC Reaccredited with Grade "A")
Vidya Bharati Shaik Shanik Mandal
Amravati's (CPE Status by UGC)
Lead College by S.G.B.A.U. Amravati.

CERTIFICATE

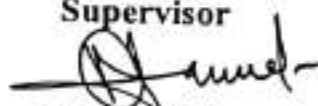
This is to certify that the Project "work entitled CYTOTOXIC EFFECT OF FOOD COLOUR (KESAR YELLOW) IN PLANT CELL DIVISION to Submitted by Miss. Khadija Sheikh Mohammad Anique which is being submitted in Partial fulfillment for the award of Degree of" Master of Science in Botany of Sant Gadge Baba Amravati. Post Graduate. Department of Botany Vidya Bharati is Mahavidyalaya; Amravati is record of bonafied research Work carried out by him under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya Amravati.

HOD



Dr. P.G. Bansod
Associate Professor & Head
Department of Botany
V.B.M.V. Amravati

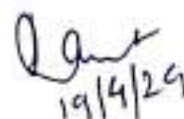
Supervisor



Dr. P. G. Bansod
Incharge Teacher
PG. Department of Botany
V.B.M.V. Amravati

Date: / / 2024

Place: Amravati.


19/4/24

Signature of Examiner

DISSERTATION ON
STUDY OF *ANTIGONON LEPTOPUS* FLOWERS AND *FICUS*
***BENGHALENSIS* FRUIT PEELS EXTRACTS AS A NATURAL**
INDICATORS IN ACID BASE TITRATIONS

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati(M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

Miss. PRANJALI SURESH ASWAR.

UNDER THE SUPERVISION OF

DR. MONALI GHURDE

ASSOCIATE PROFESSOR

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharti Shatksiantk Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" [CPE Status by UGC]



CERTIFICATE

This is to certify that the project work entitled "Study of *Antigonon leptopus* flowers and *Ficus benghalensis* fruit peels Extracts as Natural Indicators in Acid Base Titrations," submitted by Miss. Prajull Suresh Aswar which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, VidyaBharti Mahavidyalaya, Amravati.

HOD

Dr. P. P. Bansod
M.Sc., NET, Ph.D.
Professor & Head, Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati

Supervisor

Dr. Manali Ghurde

Associate Professor,
PG Department of Botany,
VBMV, Amravati.

Date: 18/04/2024

Place: Amravati

Signature of Examiner

DISSERTATION ON

Analysis of Soil Sample for It's Physical and Chemical Parameters from
VidyaBharati College Campus.

Submitted to

Sant Gadge Baba Amravati University, Amravati(M.S)

For the partial fulfilment of requirements of

Degree of Master of Science

In Botany (2023-2024)

BY

Miss. Divya R. Shende

Under the supervision of

Dr. M. U. Ghurde

Associate Professor

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with Potential for Excellence (CPE) Status by UGC

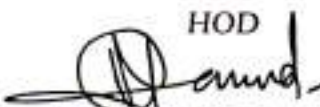
Vidya Bharati Shaikshanik Mandal, Amravati's
Vidyabharti Mahavidyalaya, Camp, Amravati
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "Analysis of Soil Samples for Its Physical and Chemical Parameters from Vidya Bharati College Campus" submitted by Ms. Divya R. Shende which is being submitted in partial fulfilment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at post-Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidya Bharati Mahavidyalaya, Amravati.

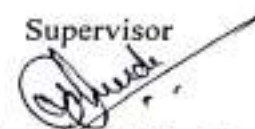
HOD


P. G. BANSOD
B.P.L., G. Bansod
M.Sc., NET, Ph.D.
Professor & Head Department of Botany
Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati

Date: 19/4/2024

Place: Amravati

Supervisor


Dr. M. U. Ghurde
Associate Professor
PG Department of Botany
VBMV, Amravati


Signature of Examiner 9/04/2024

DISSERTATION ON

**STUDY OF MORINGA BARK POTENTIAL IN BIOREMEDIATION
OF HEAVY METALS IN WASTE WATER COLLECTED FROM
VIDYA BHARATI COLLEGE CAMPUS**

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

BY

MISS. AACHAL VIJAYKUMAR JAJOO.

UNDER THE SUPERVISION OF

DR. MONALI GHURDE

ASSOCIATE PROFESSOR

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY

VidyaBharti Shaikshanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



CERTIFICATE

This is to certify that the project work entitled "Study of Moringa Bark Potential in Bioremediation of Heavy Metals in Waste Water Collected from Vidya Bharati College Campus. " submitted by Miss. Aachal Vijaykumar Jajoo which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD


Dr. P. G. BANSOD
M.Sc.,NET,Ph.D.

Professor and Head of Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati

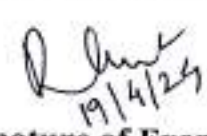
Supervisor


Dr. Monali Ghurde

Associate Professor,
PG Department of Botany,
VBMV, Amravati.

Date: 18/04/2024

Place: Amravati


19/4/24
Signature of Examiner

DISSERTATION ON

" Preliminary Phytochemical Screening and Antimicrobial Activity of Infected leaf of *Terminalia catappa* Linn."

Submitted to
Sant Gadge Baba Amravati University, Amravati(M.S.)
Submitted in Partial fulfillment of requirements of
Degree of
MASTER OF SCIENCE IN BOTANY
(2023-2024)

By
Miss. Prakriti K. Daya Shankar
Under the supervision of
Dr. M. U. Ghurde
Associate Professor
Department of Botany
VidyaBharti Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

Vidya Bharti Shaikshanik Mandal, Amravati's

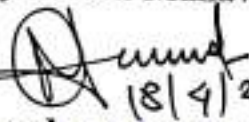
VidyaBharti Shaikshanik Mandal, Amravati's Vidyabharti Mahavidy laya,
Camp, Amravati
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



CERTIFICATE

This is to certify that the project work entitled "Preliminary Phytochemical Screening and Antimicrobial Activity of Infected leaf of Terminalia cattappa Linn." submitted by Miss. Prakriti K. Daya Shankar. which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by ~~him~~ under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD


18/4/24

Dr.P.G.Bansod
Prof. P. G. BANSOD
Head, of M.Sc.,NET,Ph.D.
Professor & Head Department of Botany
Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati


Date: 18/04/2024

Place: Amravati



Supervisor

Dr M.U.Ghurde
Associate Professor
Department of Botany,
VBMV, Amravati.


Signature of Examiner

DISSERTATION ON
EFFECT OF VARIOUS METHODS OF EXTRACTION ON
DYEING OF COTTON FABRIC WITH *FICUS BENGHALENIS*
L. FRUIT PEEL EXTRACT

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

MISS. PRIYANKA A. BEHARE

UNDER THE SUPERVISION OF

DR. MONALI GHURDE

ASSOCIATE PROFESSOR

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharti Shaikshhanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



CERTIFICATE

This is to certify that the project work entitled "Effect of Various Methods of Extraction on Dyeing of Cotton Fabric with *Ficus benghalensis* L. Fruit Peel Extract" submitted by Miss. Priyanka A. Behare which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

Hrns PPG BANSOD
M.Sc. NET Ph.D.
Professor & Head Department of Botany
VidyaBharti Mahavidyalaya
VBMV, Amravati

Supervisor

Dr. Monali Ghurde
Associate Professor
PG Department of Botany,
VBMV, Amravati.

Date: 18/11/2024

Place: Amravati

Signature of Examiner

**DISSERTATION ON
GREEN SYNTHESIS OF COPPER NANOPARTICLES FROM
THE EXTRACT OF PETUNIA**

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

KU. PRACHI ARJUN INDOLIYA

UNDER THE SUPERVISION OF

MISS. N. N. KAKPURE

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



**POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**

(NAAC Reaccredited with Grade "A")

VidyaBharti Shaikshanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI

NAAC Re-accredited with Grade "A" {CPE Status by UGC}



CERTIFICATE

This is to certify that the project work entitled "*Green Synthesis of copper Nanoparticles From The Extract Of Petunia*". submitted by **Ku. Prachi Arjun Indoliya** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

Dr. P. G. Bansod

Associate Professor and Head,
Department of Botany,
VBMV, Amravati.

Supervisor

Miss. N. N. Kakpure

Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Date: 18/04/2024

Place: Amravati

18/04/24

Signature of Examiner

DISSERTATION ON
Studies on Leaf Epidermal Micromorphology of Some Medicinal Plants
collected from Amravati Region (MS)

Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S)

For the partial fulfilment of requirements of

Degree of Master of Science

In Botany (2023-2024)

BY

Ms. Rupali R. Dhakulkar

Under the supervision of

Miss. Namrata Kakpure

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
(NAAC Reaccredited with Grade "A")
College with potential for Excellence (CPE) Status by UGC

Vidya Bharati Shaikshanik Mandal's
Vidya Bharati Mahavidyalaya, Camp, Amravati
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "Studies on Leaf Epidermal Micromorphology of Some Medicinal Plants collected from Amravati Region (MS)" submitted by Miss. Rupali R. Dhakulkar which is being submitted in partial fulfilment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at post Graduate Departement of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya, Amravati.

HOD

Prof. P. G. BANSOD

M.Sc., NET, Ph.D.

Professor & Head Department of Botany
Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati

Supervisor

Miss. Namrata N. Kakpure
Assistant Professor,
Department of Botany,
VBMV, Amravati

Date: 19 / 04/2024

Place: Amravati

Signature of Examiner

DISSERTATION ON
Occurrence and Distribution of Arbuscular Mycorrhizal
Association in Rhizosphere of *Argemone mexicana* L.
Amravati region (MS)

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

Miss. Neha D. Sukalkar

Under the supervision of

MISS. NAMRATA N. KAKPURE

DEPARTMENT OF BOTANY

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")
Vidya Bharati Shaikshanik Mandal, Amravati's
VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "Occurrence and Distribution of Arbuscular Mycorrhizal Association in Rhizosphere of *Argemone mexicana* L. from Amravati region (MS)" submitted by Miss. Neha D. Sukalkar which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by herunder my guidance and supervision in Department of Botany, Vidya Bharati Mahavidyalaya, Amravati.

Prof. P. G. BANSOD
Dr. M. Sc., NET, Ph.D.
Professor & Head Department of Botany
Vidya Bharati Mahavidyalaya
Department of Botany,
VBMV, Amravati.

Supervisor
Ms. Namrata N. Kakpure
Assistant Professor
Department of Botany,
VBMV, Amravati.

Date: 19 / 04 / 2024

Place: Amravati

Signature of Examiner

DISSERTATION ON

Effect of Red, Blue and UV Light on Seed Germination, Growth and Chlorophyll Content of Coriandrum sativum L. and Pisum sativum L.

Submitted to

**Sant Gadge Baba Amravati University, Amravati (M.S.)
For the Partial fulfillment of "Requirements of
Degree of Master of Science.
In Botany (2023 -24)**

BY

MR. PRANAY S. MAGARE

Under the supervision of

MS. NAMRATA N. KAKPURE

**Department of Botany,
Vidya Bharati Mahavidyalaya, Amravati.**



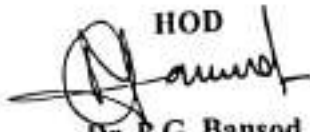
**POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

**(NAAC Reaccredited with Grade "A")
Vidya Bharati Shaik Shanik Mandal
Amravati's(CPE Status by UGC)**

Lead College by S.G.B.A.U. Amravati.

CERTIFICATE

This is to certify that the Project "work entitled "Effect of Red, Blue and UV Light on Seed Germination, Growth and Chlorophyll Content of Coriadrum sativum L. and Pisum sativum L." to Submitted by Mr. Pranay S. Magare which is being submitted in Partial fulfillment for the award of Degree of" Master of Science in Botany of Sant Gadge Baba Amravati, Post Graduate, Department of Botany Vidya Bharati is Mahavidyalaya; Amravati is record of bonafied research Work carried out by him under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya Amravati.

HOD


Dr. P.G. Bansod
Associate Professor & Head
Department of Botany

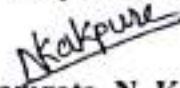
Prof. P.G. BANSOD
M.Sc.,NET,Ph.D.

Professor & Head Department of Botany
Vidya Bharati Mahavidyalaya
Amravati

Date: / / 2024

Place: Amravati.

Supervisor



Ms. Namrata N. Kakpure
Incharge Teacher
PG. Department of Botany
V.B.M.V. Amravati



Signature of Examiner

DISSERTATION ON
**Occurrence and Distribution of Arbuscular Mycorrhizal Association in
Rhizosphere of *Commelina benghalensis* L. from Amravati Region (MS)**

Submitted to

Sant Gadge Baba Amravati University, Amravati(M.S)

For the partial fulfilment of requirements of

Degree of Master of Science

In Botany (2023-2024)

BY

Ms. Kamini P. Thakare

Under the supervision of

Miss. Namrata karpure

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

Vidya Bharti Shaikshanik Mandal, Amravati


Vidya Bharti Mahavidyalaya, Camp, Amravati

NAAC Re-accredited with Grade "A" (CPE Status by UGC)



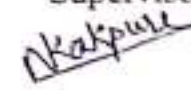
CERTIFICATE

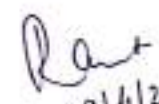
This is to certify that the project work entitled "Occurrence and Distribution of Arbuscular Mycorrhizal Association in Rhizosphere of *Commelina benghalensis* L. from Amravati Region (MS)" submitted by Miss. Kamini P. Thakare which is being submitted in partial fulfilment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at post Graduate Department of Botany, Vidya Bharti Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidya Bharti Mahavidyalaya, Amravati.

HOD

Prof. P. G. BANSOD
Dr. P. G. Bansod
Ph.D., M.Sc., NET, Ph.D.
Professor & Head Department of Botany
Vidya Bharti Mahavidyalaya
Amravati
Department of Botany,
VBMV, Amravati

Date: 19/4/2024

Place: Amravati

Supervisor

Miss. Namrata N. Kakpure
Assistant Professor,
PG Department of Botany,
VBMV, Amravati


19/4/24.
Signature Of Examiner

DISSERTATION ON

Phytochemical analysis of

Tectona grandis seeds

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

MS. SAMIKSHA RAJESH DESHMUKH

UNDER THE SUPERVISION OF

DR. P. V. PULATE

DEPARTMENT OF BOTANY

VIDYABHARATI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharati Shaikshanik Mandal, Amravati's
VIDYABHARATI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "**Phytochemical analysis of *Tectona grandis* seeds**" submitted by Ms. **Samiksha Rajesh Deshmukh** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya, Amravati.

HOD

Dr. P.G. Bansod

Prof. P.G. BANSOD Head,
M.C. B. N. E. A. H. P. Botany
Professor & HOD Department of Botany
Vidya Bharati Mahavidyalaya
Amravati

Date: 7/2024

Place: Amravati

Supervisor

Dr. P.V. Pulate

Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Signature of Examiner

VIDYABHARATI MAHAVIDYALAYA AMRAVATI

P.G. DEPARTMENT OF BOTANY



Semester – IV

PRACTICAL – VII

**Applied Botany, Environmental Ecology
And Plant Ecology, Plant Biotechnology
And Genetic Engineering**

Submitted by

Miss. Ankita A. Taywade

M.Sc. II (Botany)

Session : 2023-2024

VIDYA BHARTI MAHAVIDYALAYA,
AMARAVATI

NAAC Re-accredited with Grade-A. "CPE Status by UGC"

P.G. Department of Botany



CERTIFICATE

PRACTICAL – VII

This is to certify that Miss/Mr. *Ankita A. Taymade.*
of M.Sc. Botany (Sem-IV) has completed the bonafide practical
work in " Applied Botany, Environmental Ecology and Plant
Ecology, Plant biotechnology and Genetic Engineering ". As per
the university syllabus for the academic session 2023-2024.

Date: *9/12/2024*

Signature of Teacher

(Botany)

Head G. BANSOI
Prof. P. G. BANSOI
M.Sc., NET, Ph.D.
Professor & Head Department of Botany
Vidya Bharati Mahavidyalaya
Amravati

DISSERTATION REPORT

ON

"Formulation and Evaluation Anti-inflammatory Herbal Cream of Rhynchosia minima"



VIDYA BHARATI MAHAVIDYALAY AMRAVATI

(NAAC Reaccredited with grade "A")

College with potential for Excellence (CPE)

Status by UGC

Vidya Bharati Shaikshanik Mandal, Amravati

Submitted to

Sant. Gadage Baba, Amravati University, Amravati In partial fulfillment of the requirement for the degree of master of science in the subject of

Botany science.

BY

Miss. Dipali Digambar Tagade

M.SC (SEM- IV)

Under the Supervision of

DR. P.V. Pulate

Assistant Prof.

Department of Botany science,

Vidya Bharati Vidyalaya, Amravati



DECLARATION

Miss Dipali Tagade here by declared that that the experimental work and interpretation of project "*formulation and evaluation of antiinflammationy herval Cream of Rhynchocia minima*" has not only submitted for degree or diploma of any university not the data have been derived from any thesis publication of any university or scientists organization

The source of material used and the assistant received during the course of investigation has been duly acknowledgment.

Tagade

Dipali Digambar Tagade

Vidya Bharati Vidyalaya,

Amravati

Place: Amravati

DISSERTATION ON
"MORPHOLOGICAL AND ANATOMICAL STUDY OF
TEPHROSIA SPECIES"

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

MR. KAUSTUBH VINOD BHAGAT

UNDER THE SUPERVISION OF

DR. P. V. PULATE

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

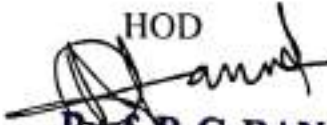
VidyaBharti Shaikshanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" {CPE Status by UGC}




CERTIFICATE

This is to certify that the project work entitled "**MORPHOLOGICAL AND ANATOMICAL STUDY OF *TEPHROSIA* SPECIES**" submitted by **Mr. Kaustubh Vinod Bhagat** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

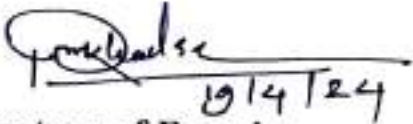

Prof. P. G. BANSOD
M.Sc., NET, Ph.D.
Professor & Head Department of Botany
Vidya Bharati Mahavidyalaya
Department of Botany,
VBMV, Amravati.

Supervisor


Dr. P. V. Pulate
Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Date: / /2024

Place: Amravati


19/14/24
Signature of Examiner

DISSERTATION ON
PHYTOCHEMICAL ANALYSIS OF

Lagerstroemia indica

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati(M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2023-2024)

By

MISS. LAIBA TASKEEN SANAULLAH KHAN

UNDER THE SUPERVISION OF

MISS. LUBNA KHALID

Department of Botany

VidyaBharti Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBhartiShaikshanik Mandal, Amravati's



CERTIFICATE

This is to certify that the project work entitled "Pharmacognostic evaluation of leaf and stem of Lagerstroemia indica" submitted by Miss. Laiba Taskeen which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

Dr. P.G Bansod

Associate Professor and Head,
Department of Botany,
VBMV, Amravati.

Supervisor

Miss. Lubha P. Khalid

Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Date: 19/ 07/2024

Place: Amravati

Signature of Examiner

DISSERTATION ON

Green synthesis of silver nanoparticles using
E.stenoclada & *E.milli*
plant extract and its antimicrobial activities

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)
For the partial fulfillment of requirements of
Degree of Master of Science
In Botany (2023-2024)

By

MS. DHANASHRI VISHNU SAO

UNDER THE SUPERVISION OF

MISS. LUBNA KHALID

DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

VidyaBharti Shaikshanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "Green synthesis of silver nanoparticles using *E.stenoclada* & *E.milli* plant extract and its antimicrobial activities" submitted by Ms. Dhanashri V. Sao which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

Prof. P. G. Bansod
M.Sc. NET, Ph.D.
Associate Professor and Head,
Department of Botany
Vidya Bharati Mahavidyalaya
VBMV, Amravati.

Supervisor

Miss. Lubna P. Khalid
Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Date: 13/9/2024

Place: Amravati

Signature of Examiner

DISSERTATION
ON
"PHYSICO - CHEMICAL ANALYSIS OF POND WATER AND
TAP WATER BY USING VARIOUS PARAMETERS IN
AMRAVATI REGION"

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati(M.S.)
Submitted in Partial fulfillment of requirements of
Degree of MASTER OF SCIENCE IN BOTANY
(2023-2024)

By

MISS. TARANUM MOHAMMAD

UNDER THE SUPERVISION OF

MS. LUBNA P. KHALID

Department of Botany
VidyaBharti Mahavidyalaya, Amravati



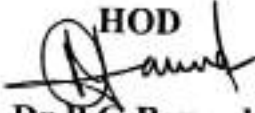
POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI
College with potential for Excellence (CPE) Status by UGC
Vidaya Bharti Shaikshanik Mandal, Amravati's
(NAAC Reaccredited with Grade "A")



VidyaBharti Shaikshanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



CERTIFICATE

This is to certify that the project work entitled "Physico - Chemical analysis of Pond water and tap water by using various parameters in Amravati region". submitted by Miss.Tarannum Mohammad. which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

Dr.P.G.Bansod
Associate Professor and Head,
Prof. P. G. BANSOD
Department of Botany,
M.Sc., NET, Ph.D.
Professor and Head, Department of Botany
Vidya Bharati Mahavidyalaya
Amravati
Date: 18/04/2024
Place: Amravati

Supervisor

Ms. Lubna P. Khalid
Assistant Professor
Department of Botany,
VBMV, Amravati.

Signature of Examiner

DISSERTATION ON

Physico-chemical Analysis of soil of in Amravati region

Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S)

For the partial fulfilment of requirements of

Degree of Master of Science

In Botany (2023-2024)

BY

Miss. Pratiksha V. Metange

Under the supervision of

Mrs. Lubna khalid

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

Vidya Bharati Shaikshanik Mandal, Amravati
Vidyabharti Mahavidyalaya, Camp, Amravati
NAAC Re-accredited with Grade "A" (CPE Status by UGC)



CERTIFICATE

This is to certify that the project work entitled "**Physico-chemical Analysis of soil in Amravati Region**" submitted by **Miss. Pratiksha V. Metange** which is being submitted in partial fulfilment for the award of Degree of "**Master of Science**" in Botany of Sant Gadge Baba Amravati University, Amravati at post Graduate Departement of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharati Mahavidyalaya, Amravati.

HOD

Prof. P. G. BANSOL

Dr. P. G. BANSOL Ph.D.
Professor & Head Department of Botan
Vidya Bharati Mahavidyalaya -
Amravati

Department of Botany,

VBMV, Amravati

Supervisor

Miss. Lubna madam

Associate Professor

PG Department of Botany,

VBMV, Amravati

Date: 13/4/24

Place: Amravati

Signature Of Examiner

DISSERTATION ON
PHYTOCHEMICAL ANALYSIS OF
Tabernaemontana coronaria
SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati (M.S.)
For the partial fulfillment of requirements of
Degree of Master of Science
In Botany (2023-2024)

By

MISS. KIRTI PRADIP PAWAR

UNDER THE SUPERVISION OF

MISS. LUBNA KHALID

Department of Botany
VidyaBharti Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

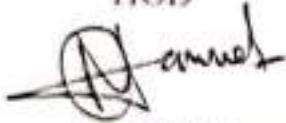
(NAAC Reaccredited with Grade "A")

Vidyabharti Shaikhanik Mandal, Amravati's
VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI
NAAC Re-accredited with Grade "A" (CPE Status by UGC)

CERTIFICATE

This is to certify that the project work entitled "Study of morphology and anatomy of xerophytic plants" submitted by Miss. Kirti Pradip Pawar which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD



Dr. P.G Bansod

Prof. P. G. BANSOD Head,
M.Sc. NET, Ph.D.
Professor & Head, Department of Botany
Vidya Bharati Mahavidyalaya
Amravati

Supervisor

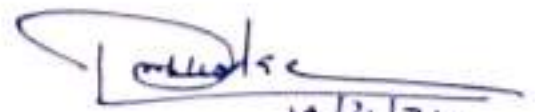


Miss. Lubna F. Khalid

Incharge Teacher,
PG Department of Botany,
VBMV, Amravati.

Date: 19/04/2024

Place: Amravati



Signature of Examiner

10/4/24

DISSERTATION

PHYTOCHEMICAL ANALYSIS OF STEM AND FLOWER EXTRACTION OF *TELOSMA PALLIDA* :- A
THREATENED WILD VEGETABLE.

Submitted to

Sant Gadge Baba Amravati University, Amravati (M.S.) For the
partial fulfillment of requirements of

Degree of Master of Science In
Botany (2023-2024)

By

Ms. PRANAVI D. KADU

Under the supervision of

Miss. Janhavi B. Patil

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

DISSERTATION

PHYTOCHEMICAL ANALYSIS OF LEAF EXTRACTION OF *TELOSMA PALLIDA*

Submitted to

Sant Gadge Baba Amravati University, Amravati(M.S.)

For the partial fulfillment of requirements of

Degree of Master of Science
In Botany (2023-2024)

By

Mr. krutik Krushnarao
Bhasme

Under the supervision of

Miss. Janhavi B. Patil

Department of
Botany

Vidya Bharati Mahavidyalaya, Amravati



POST GRADUATE DEPARTMENT OF BOTANY

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

Vidya Bharati Mahavidyalaya, Amravati
Department of English
2023-24


Class: - BA. Semester -I/ II

English Literature
Project Work

Sr. No.	Name of Student	Title of the Project
1	ABHISHEK GOPALRAO SOLANKE	Themes of Sacrifice and Redemption in O. Henry's "The Last Leaf"
2	ACHAL GOVINDRAO AMZARE	Irony and Plot Twists in O. Henry's Short Stories
3	ADESH GANESHRAO DHAKDE	Cultural Representations in Rabindranath Tagore's "Kabuliwala"
4	DANISH RAUF ABDUL	Friendship and Human Connections in Tagore's Works
5	FALGUNI PRAFUL BHARDE	Social Commentary in Mark Twain's "Whitewashing the Fence"
6	HARSHJEET GOPALRAO RAMEKAR	Humor and Satire in Mark Twain's Writing
7	KHUSHI NAVAL DHANDE	Moral Lessons and Ethical Dilemmas in Leo Tolstoy's "Ilyas"
8	PAYAL GOVINDRAO AMZARE	Tolstoy's Critique of Society and Injustice in "Ilyas"
9	PRANALI ARUNRAO VITWALE	Character Analysis of the Protagonist in "Ilyas"
10	PRANALI DILIP GAWAI	Cultural Context and Historical Significance of Tolstoy's Short Story
11	PREM DHARMPAL NAGRALE	Comparative Study of Themes Across the Selected Prose Works
12	REVATI CHANDRASHKHAR BISEN	The Concept of Love and Devotion in John Donne's Poetry
13	SHALVI VIJAY GEDAM	Religious Themes in John Donne's "Canonization"
14	SNEHA ISHWARDAS ZYASKAR	Analysis of Metaphysical Poetry in John Donne's Works
15	SYED RASHID ALI	Comparative Study of Donne's "Canonization" with His Other Poems
16	TANISHA DHARMENDRA KHAKHKHAR	Symbolism and Imagery in John Keats' "Ode on a Grecian Urn"
17	TANVI SHRIKRUSHNARAO BOBADE	Exploration of Beauty and Permanence in Keats' "Ode on a Grecian Urn"
18	TEJASWINI RAVINDRA PADWAD	Keats' Use of Classical Allusions and Mythology in His Poetry
19	TUSHAR MAHENDRA TUNDLAYAT	Themes of Mortality and Immortality in Robert Browning's "Prospice"
20	TUSHAR SUBHASH PARISE	Psychological Themes in Browning's Poetic Works
21	YESH GUNSAGAR GAWAI	Comparison of Browning's "Prospice" with Other Victorian Poems
22	YOGITA CHHOTELAL IVANE	War Poetry and Anti-War Sentiments in Wilfred Owen's "Anthem for Doomed Youth"


Subject Teacher




Head

Vidya Bharati Mahavidyalaya, Amravati
Department of English
2023-24
MA- II- Semester-IV

Subject/Paper: Research/Innovative Project Practical

Sr. No	Roll No	Name of the student	Title of Projects
1	23DB110005	ASHWINI RAMDAS THORAT	Use of Imagery In the Poetry of Nissim Eziekiel
2	23DB210071	ARTI SHRAVAN MOHOKAR	Feminism in the Works of William Shakespeare
3	23DB210072	KALYANI BABULAL SAMBHUKAR	Illusion and Reality of American Drama
4	23DB210052	BHAGYASHRI PRAMOD KAMBLE	Confessional elements in the poetry of Kamala Das
5	23DB210053	HANNAH HIMMAT MOHOD	Library as a tool for Research
6	23DB310054	PALAK SANJAYSINGH THAKUR	Text and Texture in the Poetry of Robert Frost



Head

Vidya Bharati Mahavidyalaya, Amravati

Department of English
2023-24

MA- II- Semester-IV

Subject/Paper: **Research/Innovative Project Practical**

Viva-Voce
Mark Sheet

Sr. No	Roll No	Name of the student	Marks (40)
1	23DB110005	ASHWINI RAMDAS THORAT	34
2	23DB210071	ARTI SHRAVAN MOHOKAR	31
3	23DB210072	KALYANI BABULAL SAMBHUKAR	35
4	23DB210052	BHAGYASHRI PRAMOD KAMBLE	36
5	23DB210053	HANNAH HIMMAT MOHOD	36
6	23DB310054	PALAK SANJAYSINGH THAKUR	36


Internal Examiner




Head

PROJECT REPORT
ON
“ASSESSMENT OF PHYSICO-CHEMICAL
PROPERTIES OF BENTHIC WATER OF WADALI
LAKE, AMRAVATI”



Submitted by
Miss Aachal P. Shahakar

Supervisor
Dr. S. H. Rathod
Assistant Professor
Department of Zoology

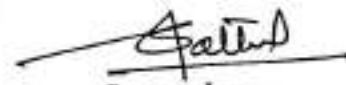
Vidyabharti Mahavidyalaya, Camp, Amravati.
2023-2024

CERTIFICATE

This is certified that I have been supervising the project work of Miss Aachal P. Shahakar entitled "Assessment Of Physico-Chemical Properties Of Benthic Water Of Wadali Lake, Amravati" for fulfillment of degree of Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati. She has completed her work satisfactory and the project is ready for evaluation.



Head of Department
Dr. Y. D. Askhare
Associate Professor, Department of
Zoology, Vidya Bharati Mahavidyalaya,
Vidya Bharati Mahavidyalaya,
AMRAVATI



Supervisor
Dr. S. H. Rathod
Assistant Professor Department of
Zoology Vidya Bharati
Mahavidyalaya, Amravati



PROJECT ON
DIVERSITY OF MOSQUITOS FROM ITWARA BAZAR AREA,
AMRAVATI CITY.



Submitted by:

Miss. Adeeba Anjum Sana Ullah Khan
M.Sc.II (Zoology)

Guided by:

Dr. S.H. Rathod

Assistant Professor

Department of Zoology, VBMV Amravati.

**P.G. Department of
Zoology,**

V.B.M.V. Amravati

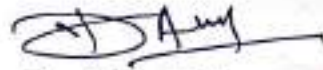
(2023-2024)

Certificate

It is certified that the project work of Miss. Adeeba Anjum entitled "DIVERSITY OF MOSQUITOS FROM ITWARA BAZAR AREA, AMRAVATI CITY" had been perform under the supervision of Dr. S.H. Rathod, (Assistant Professor in the laboratory of P.G. Department of Zoology) in the VidyaBharti Mahavidyalaya, Amravati for fulfillment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 22/04/2024



Dr. Y.D. Akhare

PROF.
Head Department of Zoology
Vidya Bharti Mahavidyalaya
VidyaBharti Mahavidyalaya,

Amravati.



Project on
Diversity of Crop Insects in Chandur Railway
District Amravati, Maharashtra



Submitted By:

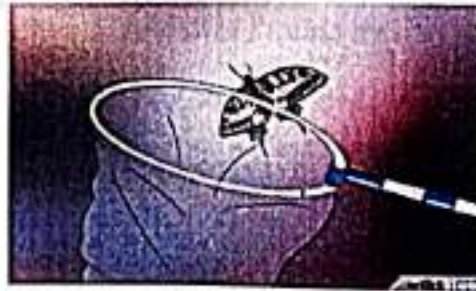
Miss. Aditi Dipak Mohod

Guided By:

Dr. Anju P. Khedkar

Assistant Professor

Department of Zoology, VBMV Amravati



P. G. Department, of Zoology,
Vidya Bharati Mahavidyalaya Amravati-444602

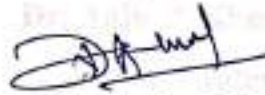
2023-2024

CERTIFICATE

It is certified that the project work Miss. Aditi Dipak Mohod entitled "Diversity of Crop Insects in Chandur Railway, District Amravati, Maharashtra" had been performed under the supervision of Dr. Anju P. Khedkar, Assistant Professor in the laboratory of P. G. Department of Zoology, Vidya Bharti Mahavidyalaya, Amravati for fulfillment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place : Amravati

Date : 22/04/2024



Dr. Y. D. Akhare

Head

P. G. Department of Zoology
Department of Zoology
Vidya Bharti Mahavidyalaya

AMRAVATI
Vidya Bharti Mahavidyalaya,

Amravati



PROJECT

“Effect of fungal infection on mortality rate of silkworm” (*Bombyx mori*)



CERTIFICATE

It is certified that the **Submitted by** Miss Arshiya parveen Naim Ahmed Khan entitled Effect of fungal infection on mortality rate of silkworm under the supervision of

Miss. Arshiya Parveen Naim Ahmed Khan

M. Sc. II Semester IV (Zoology) in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfillment of the Degree in Master of Science in Zoology of Vidya Bharati Mahavidyalaya, Amravati.

Supervisor

Dr. Y. D. Akhare

Head Department of Zoology

P. G. Department of Zoology

Vidya Bharati Mahavidyalaya Amravati

(2023-2024)

Declaration

Effect of fungal infection on mortality rate of silkworm (*bombyx mori*)

I hereby declare that this project work was carried out in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati. The project work entitled "Effect of fungal infection on mortality rate of silkworm" as mentioned above was carried out in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati. It is not intended to any other University.



CERTIFICATE


It is certified that the project work of Miss Arshiya parveen Naim Ahmad khan entitled "Effect of fungal infection on mortality rate Bombax mori" had been conducted under the supervision of Dr. Y. D. Akhare (Head Department of Zoology) in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Vidya Bharati Mahavidyalaya

Amravati

Date:

Place: Amravati


Dr. Y. D. AKHARE
Head Dept. of Zoology
Vidya Bharati Mahavidyalaya

PROJECT REPORT

ON

**"INVESTIGATING THE HARMFUL EFFECTS OF AN ANDROID CELL
PHONE ON DIFFERENT AGE GROUPS IN RAJASTHAN (RAJASTHANI
REGION): A COMPREHENSIVE STUDY"**



Submitted to

Prof. Dipali Gopal Sawalkar

M.Sc. Second year Semester IV

Supervisor

Prof. N. R. Thakur

P. G. Department of Zoology

Vidya Bharati Mahavidyalaya, Udaipur

2023-2024




CERTIFICATE

It is certified that project of Miss. Dipali Gopal Sawalkar entitled " Investigating the Harmful Impact of Android Cell Phone On Different Age Groups (from Amravati Region):A Comprehensive Study". Amravati District has been performed supervision of Dr. N. R. Thorat in the laboratory of P. G. Department of Zoology VidyaBharati Mahavidyalay Amravati for fulfillment of the degree in Master of Science in Zoology of S Gadge Baba Amravati University, Amravati.


Head and Associate.

Dr. Y. D. Akhare
P.G. Department of Zoology
Vidya Bharati Mahavidyalaya
AMRAVATI
V. B. M. V. Amravati.


Supervisor

Dr. N. R. Thorat
P. G. Department of Zoology
V. B. M. V. Amravati.

Place :- Amravati
Date :- 22-04-2024



PROJECT REPORT
ON
ASSESSMENT OF INSECT ON SEASONAL CROP
CITRUS IN MORSHI REGION



Submitted by

Miss Divyani Sanjayrao Dakhore

Supervisor

Dr. Anju Pradip Khedkar

P. G. Department of zoology

Vidyabharati Mahavidyalaya Amravati

2023-2024



CERTIFICATE

It is certified that the project of Miss. Divyani Sanjayrao Dakhore entitled **ASSESSMENT OF INSECT ON SEASONAL CROP (CITRUS) IN MORSHI REGION** has been performed supervision of Dr. Anju P. khedkar.in laboratory of P.G. Department of Zoology Vidyabharti Mahavidyalaya Amravati for fulfillment of the degree in Master in Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

MASTER OF SCIENCE IN ZOOLOGY

(2023-2024)

Miss. Divyani Sanjayrao Dakhore

MS Amilchur

Supervisor and Assistant Professor,

Dr. Anju P. khedkar

P. G. Department of Zoology

V.B.M.V. Amravati

[Signature]

Head and Associate Professor,

P. G. Department of Zoology
Vidyabharti Mahavidyalaya

P. G. Department Of Zoology

V.B.M.V. Amravati

Place: Amravati

Date: 22/04/2024

Place: Amravati

Date: 22/04/2024





**Survey of Air Quality
Index(AQI)2023-2024 of
Amravati city with reference
to Maharashtra Pollution
Control Board Amravati**

PROJECT ON

“Survey of Air Quality Index (AQI)2023-2024 of Amravati city with reference to Maharashtra Pollution Control Board Amravati”



Submitted by

Miss Pratiksha M.Padalwar

M.Sc II [Zoology]

Supervisor

Dr. S .H. Rathod

Assistant Professor

P.G.Department of Zoology

Vidya Bharati Mahavidyalaya,Amravati

(2023-2024)



I bear by declare that with the
Prof. S.H. Rathod in charge
Mahavidyalaya Amravati. The project

Certificate

It is Certified that the project work of Miss. Pratiksha M. Padalwar entitled
"Survey of Air Quality Index (AQI) 2023-2024 of Amravati city with
reference to Maharashtra Pollution Control Board Amravati" had been
performed under the Supervision of Dr S. H. Rathod, Incharge M.Sc. in the
laboratory of P.O Department of Zoology, Vidya Bharati Mahavidyalaya,
Amravati for fulfilment Of the Degree in the Master Of Science in Zoology of
Sant. Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 22/04/24

Place: Amravati

Date: 22/04/2024

Dr. Y D Akhare sir
Head and Associate professor
Department of Zoology
VBMV, Amravati

PROJECT ON

**“Survey of Air Quality Index (AQI) 2023-2024 of Amravati city with
reference to Maharashtra Pollution Control Board, Amravati”**



Submitted by

Miss Priti D. Tarpe

M.Sc. II Sem- IV Zoology

Supervisor

Dr. S. H. Rathod

Assistant Professor

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya, Amravati

(2023-2024)



Certificate

It is Certified that the project work of Miss. Priti D. Tarpe entitled "Survey of Air Quality Index (AQI) 2023-2024 of Amravati city with reference to Maharashtra Pollution Control Board, Amravati" had been performed under the Supervision of Dr.S.H Rathod, Assistant Professor, Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfilment Of the Degree in the Master of Science in Zoology of Sant. Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 22/04/2024

Dr. Y.D Akhare sir
Head and Associate professor
Department of Zoology
VBMV, Amravati

Project On
Diversity Of Mosquito In Sant Gadge Baba Amravati University
Campus Amravati



Submitted by

Miss. Ramsha Aiman Syed Saifuddin

Guided by

Dr. S. H. Rathod

Assistant Professor

Department of Zoology, VBMV Amravati

P.G. Department Of Zoology,

Vidya Bharti Mahavidyalaya Amravati-444601

2023-2024



CERTIFICATE

CERTIFICATE

It is certified that the project work of Miss. Ramsha Aiman Syed Saifuddin entitled "Diversity Of Mosquito In Sant Gadge Baba Amravati University Campus Amravati" had been perform under the supervision of Dr. S.H. Rathod , Assistant Professor in the laboratory of P.G. Department Of Zoology, Vidya Bharti Mahavidyalaya , Amravati for fullfilament of the Degree in Master Of Science in Zoology Of Sant Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 22/04/2024

DATE: 22/04/2024



Dr. Y.D. Akhare

Head
P.G. Department of Zoology
Vidya Bharti Mahavidyalaya
Department of Zoology
AMRAVATI

Vidya Bharti Mahavidyalaya,

Amravati



PROJECT REPORT
ON
DIGITAL BIOMARKERS AND PREDICTIVE MODELLING FOR
POLYCYSTIC OVARY SYNDROM FROM (AMRAVATI REGION)
AN ONLINE ANALYSIS APPROACH



SUBMITTED BY

Miss. Rina Sajjula Bhilavekar

M.Sc II Year Semester IV

Supervisor

Prof. Dr. N. R. Thorat

P. G. Department of Zoology

Vidya Bharati Mahavidyalaya Amravati

2023-2024



CERTIFICATE

It is certified that the project of Miss. Rina Sajjula Bhilavekar entitled "DIGITAL BIOMARKERS AND PREDICTIVE MODELING FOR POLYCYSTIC OVARY SYNDROME FROM (AMRAVATI REGION):AN ONLINE ANALYSIS APPROACH, has been performed supervision of Dr. N. R. Thorat in the laboratory of P. G. Department of Zoology Vidya Bharati Mahavidyalaya Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati

Supervisor and Associate Professor.

Dr. N. R. Thorat

P. G. Department of Zoology.

V. B. M. V. Amravati.

Head and Associate Professor

P. G. Department of Zoology
Dr. Y. D. Akhate
Vidya Bharati Mahavidyalaya
AMRAVATI

P. G. Department of Zoology

V. B. M. V. Amravati.

Place: Amravati

Date: 22/04/24



PROJECT

ASSESSMENT OF INSECT ON SEASONAL CROP

MAIZE



Submitted by

Miss. Sakshi Vinod Sapkal

Supervisor

Dr. Anju Pradip khedkar

P.G. Department of zoology

Vidyabharti mahavidyalaya Amravati

2023-24

Place - Amravati

Date : 12-05-2024



CERTIFICATE

It is certified that the project of Miss. Sakahi Vinod Sapkal entitled ASSESSMENT OF INSECT ON SEASONAL CROP MAIZE has been performed supervision of Dr. Anju Pradip Khedkar in laboratory of P.G. Department of Zoology Vidyabharati Mahavidyalaya Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Submitted by

Miss. Sakahi Vinod Sapkal

ms. Amikha
Supervisor and Assistant Professor,
Dr. Anju Pradip Khedkar
P. G. Department Of Zoology
V. B. M. V Amravati

Head and Associate Professor
Department of Zoology
Vidyabharati Mahavidyalaya
AMRAVATI
P. G. Department of zoology
V. B. M. V. Amravati



Place : Amravati

Place : Amravati

Date : 22-09-2024

Date : 22-09-2024

PROJECT REPORT
ON
ASSESSMENT OF INSECT OF SEASONAL pigeon pea

PIGEON PEA

NER VILLAGE



KU SANIKA MOHAN DARWHATKAR

MSC .II Year semester IV

Supervisor

Prof. Anju Pradip khedkar

P G Department of zoology

Vidyabharti mahavidyalaya Amravati

2023 - 2024



CERTIFICATE

It certified that project of miss sanika mohan darwhatkar entiled ASSEMENT OF INSECT ON SEASONAL CROP PIGEON PEA IN NER VILLAGE has been performed supervision of Dr Anju pradip khedkar in laboratory of PG Department of Zoology Vidhyabharti Mahavidhyalaya Amravati for fulfilment of the degree in masters of science in zoology of sant Gadge Baba Amravati university Amravati

degree of
MASTER OF SCIENCE IN ZOOLOGY
1987-2024
Submitted by
Sanika Mohan Darwhatkar,
PG Department of Zoology
Vidhyabharti Mahavidhyalaya Amravati

Supervisor and Assistant professor

ms Anilchar
Dr .Anju Pradip Khedkar

PG Department Of zoology

V .B.M.V Amravati

Place : Amravati

Date : 20/04/2024



D. Akhate

Head and Associate professor

Dr. Y. D. Akhate
P.O. Department of Zoology
Vidya Bharti Mahavidyalaya
AMRAYATI
PG Department of zoology

V.B.M.V Amravati

PROJECT

ON

**Study of *Nigella sativa* seed extract on *Aspergillo*sis disease
: As an antifungal treatment in *Bombyx mori***



Submitted by

Miss. Sayyada SaniyaFatema

M. Sc IIYear (semester IV)

Zoology

Supervisor

Dr. Y.D Akhare

Associate Professor Department of Zoology

P.G Department of Zoolgy

Vidya Bharati Mahavidyalaya Amravati

(2023-2024)



CERTIFICATE

It is certified that the project work of Miss.Sayyada Saniya Fatema entitled "Study of *Nigella sativa* seed extract on *Aspergillosis* disease : As an antifungal treatment in *Bombyx mori*"" had been perform under the supervision of Dr.Y.D Akhare Associate Professor (Department of Zoology) in the laboratory of P.G. Department of Zoology, VidyaBharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place : Amravati

Date : 22-04-24

Dr. Y.D AKHARE

Asst. Prof.
P.G. Dept. of Zoology
VidyaBharti Mahavidyalaya
AMRAVATI



PROJECT
ON

*Study of Basil leaves (Ocimum basilicum) leaves extract on Aspergillosis
Disease : As an antifungal treatment in Bombyx mori*



Submitted by

Miss. Shabnam Parveen Naseem Sheikh

M.Sc II Year (Semester IV) Zoology

Supervisor

Dr. V.D Akhare

Associate professor

P.G Department of Zoology

Vidya Bharati Mahavidyalaya Aurangabad

(2023-24)

Declaration



CERTIFICATE

It is certified that the project work of Miss. Shabnam Parveen Naseem Sheikh entitled "Study of Basil leaves (*Ocimum basilicum*) extract on Aspergillois disease : As an antifungal treatment in *Bombyx mori*" had been perform under the supervision of Dr.Y.D.Akhare (Head Department of Zoology) in the laboratory of P.G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Dr. Y.D. Akhare

Associate professor, Department of

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya
AMRAVATI

Place: Amravati

Date: 22-04-24



PROJECT REPORT
ON
“STUDY OF DIVERSITY OF FISHES IN AMRAVATI
MAHARASHTRA”



Submitted by

Miss. Shifa Kauser Shakeel Ahemad

M.Sc. II (Zoology)

Guided by:

Dr. S. H. Rathod

Assistant professor

Head of Department of Zoology

Vidyabharti Mahavidyalaya, Camp, Amravati.

(2023-2024)



CERTIFICATE

This is certified that I have been supervising the project work of Miss. Shifa Kauser Shakeel Aheamd Entitled "Study Of Diversity Of Fishes In Amravati, Maharashtra" For Fulfilment Of Degree In Master Of Science In Zoology Of Sant Gadge Baba Amravati University, Amravati. She has complete her project work and the project is ready for evaluation.

Place: Amravati

Date 21/04/2024

Dr. Y. D. Akhare

Head Department of Zoology
Vidya Bharti Mahavidyalaya
AMRAYATI

Vidya Bharti Mahavidyalaya,

Amravati



PROJECT REPORT
ON
ASSESSMENT OF INSECT ON SEASONAL CROP
COTTON
IN
BELORA VILLAGE



Submitted by

Miss. Shreya Sanjay Nimkar

Supervisor

Prof. Anju Pradip Khedkar,

P.G. Department of zoology

Vidyabharati Mahavidyalaya Amravati

2023-2024



CERTIFICATE

It is certified that the project of Miss. Shreya Sanjay Nimkar entitled **ASSESSMENT OF INSECT ON SEASONAL CROP COTTON IN BELORA VILLAGE** has been performed supervision of Dr. Anju Pradip Khedkar in laboratory of P.G. Department of Zoology Vidyabharati Mahavidyalaya Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

MASTER OF SCIENCE IN ZOOLOGY

(2023 - 2024)

Submitted by

Miss. Shreya Sanjay Nimkar

Supervisor and Assistant Professor,

Dr. Anju Pradip Khedkar

P.G. Department Of Zoology

V. B. M. V Amravati

Head and Associate Professor

Dr. Y. D. Akhare

P.G. Department Of Zoology

V. B. M. V Amravati

Place : Amravati

Date : 20/04/2024

Date: 20/04/2024



PROJECT REPORT
ON
"ASSESSMENT OF USE OF ANDROID CELL PHONE OF THE STUDENTS
OF VIDYA BHARTI MAHAVIDYALAYA AMRAVATI".



Submitted by

Miss. Snehal Kishor Pedhekar

MSc II (Zoology)

Supervisor

Dr. N. R. Throat

Asso. Professor

P.G.Department of Zoology,

V.B.M.V. Amravati.

(2023-24)



**“ASSESSMENT OF USE OF ANDROID CELL PHONE OF THE STUDENTS
OF VIDYA BHARTI MAHAVIDYALAYA AMRAVATI”.**

2023-24



It is certified that the project work of Miss.Snehal Kishor Pedhekar entitled
“ASSESSMENT OF USE OF ANDROID CELL PHONE OF THE STUDENTS OF
VIDYABHARTI MAHAVIDYALAYA AMRAVATI”. had been perform under the supervision
of Dr N. R. Thorat (Associate professor) in the laboratory of P.G. Department of Zoology,
VidyaBharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in
Zoology of Sant Gadge Baba Amravati University, Amravati.

Associate
Supervisor and Assistant Professor,

Dr. N. R. THORAT

P.G. Department of Zoology

V.B.M.V. Amravati.

Head and Associate Professor

P. Dr. D. AKHARE
Vidya Bharti Mahavidyalaya
P.G. Department of Zoology
AMRAVATI

V.B.M.V. Amravati.



PROJECT

ON

**Study of *Azadirachta indica* leaf extract on *Aspergillus*
Disease: As an antifungal treatment in *Bombax mori***



Submitted by

Mr. Suvek Girdharilal Sethmanik

M.sc. II (Semester IV)

(Zoology)

Under the Supervision of

Dr. Y. D. Akhare

Associate professor

P. G. Department of Zoology

Vidya Bharti Mahavidyalaya, Amravati

(2023-2024)



CERTIFICATE

It is certified that the project work of **Mr. Suvak Girdharilal Sethmanik** entitled **"Study of *Azadirachta indica* leaf extract on *Aspergillois* disease : As an antifungal treatment in *Bombax mori*"** had been perform under the supervision of **Dr. Y. D Akhare** (Head Department of Zoology) in the laboratory of P. G. Department of Zoology, Vidya Bharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place: Amravati.

Date: 22/04/24

Place: Amravati

Date: 22/04/24

Dr. Suvak Girdharilal Sethmanik
M.Sc. II (Sem-IV)
Vidya Bharti Mahavidyalaya
Amravati

Dr. Y.D AKHARE
Head Dept. of Zoology
Vidya Bharti Mahavidyalaya,
AMRAVATI



PROJECT REPORT

ON

“ASSESSMENT OF WATER QUALITY”



SUBMITTED BY

MISS. UTKARSHA VILAS WANKHADE

M.Sc. II Semester IV

Supervisor

Dr. N. R. Thorat Sir

Asso. Professor

P.G. Department Of Zoology

Vidyabharati Mahavidyalaya Amravati

2023-24

**“Assessment of Water Quality Index of Wainganga River after
confluence with Kanhan River, Nagpur Region.**

(2023-2024)



CERTIFICATE

It is certified as the project of Miss. Utkarsha Vilas Wankhade entitled **“Assessment of Water Quality Index of Wainganga River after confluence with Kanhan River of Nagpur Region ”** has been under the supervision of Dr. Y. D. Akhare sir in the laboratory of P. G. Department of Zoology VidyabharatiMahavidyalaya Amravati for fulfillment of degree in Master of Science in Zoology of SantGadge Baba Amravati University Amravati.



Place Amravati
Date 21/11/24
Supervisor and Assistant Professor,
Dr. N. R. THORAT
P.G. Department of Zoology
V.B.M.V. Amravati

Utkarsha

Miss. Utkarsha Vilas Wankhade

Dr. Akhare

Head and Associate Professor,
P.G. Department of Zoology
Vidyabharati Mahavidyalaya
AMRAVATI
P.G. Department of Zoology
V.B.M.V. Amravati

PROJECT

Effect of Fungal infection on Silk production rate

(Bombyx mori)



Submitted by

Miss. Zobiya Anjum Zakiullah Khan

M. Sc. II Semester-IV (Zoology)

Under the Supervision of

Dr. Y. D. Akhare

Associate professor

Head P.G. Dept. of Zoology

Vidya Bharati Mahavidyalaya, Amravati

(2023-2024)



CERTIFICATE

It is certified that the project work of Miss Zobiya Anjum Zakiullah khan entitled "Effect of fungal infection on production rate Bombax mori" had been conducted under the supervision of Dr.Y.D Akhare (Head Department of Zoology) in the laboratory of P.G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Dr. Y. D. Akhare
~~Head of Department of Zoology~~
~~Vidya Bharati Mahavidyalaya~~
Amravati

Mrs. Zobiya Anjum Zakiullah Khan
M.Sc. II Zoology
Vidya Bharati Mahavidyalaya
Amravati



Date: 22-04-24
Place: Amravati

Date: 22-04-24