

**NILKANTHRAO SHINDE SCIENCE & ARTS COLLEGE  
BHADRAWATI, DIST. CHANDRAPUR (MAHARASHTRA)**

***The Institutional Support Facilities and Various Activities  
for Effective Curriculum Delivery***

**1. *Well Equipped  
Laboratories***



**2. *Fully  
Computerized  
Library***



*Ladke*

**Dr. L.S. Ladke  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur**

3. *Committee for  
Prevention of  
Sexual  
Harrashment*

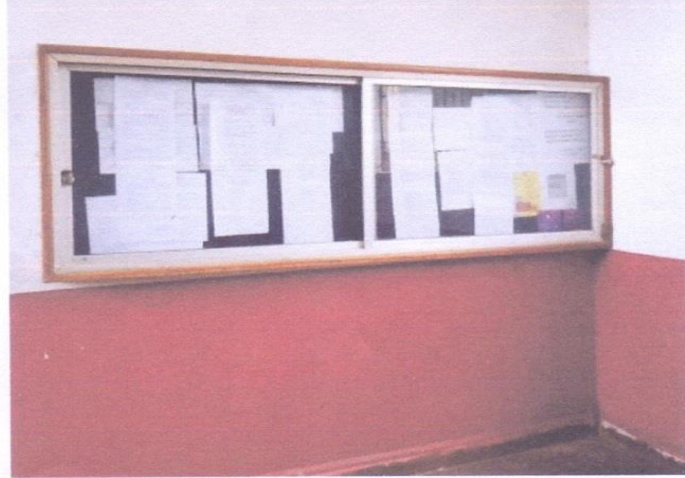


निळकंठराव शिंदे विज्ञान व  
कला महाविद्यालय, भद्रावती  
जि. चंद्रपूर  
प. नो. सी. २ (०९६) अण्ड १२ (सी) इस्टम  
NAAC Re-accredited 'B' Grade  
गोडवानी विद्यापीठ, गडचिरोली जिल्हा कायदा संलग्नित  
An ISO 9001 - 2008 Certified College

लैंगिक शोषण तक्रार निवारण समिती

अ. क्र.	पदाधिकार्यांचे नाव	पदनाम
१.	डॉ. सी. अपर्णा बी. धोटे	अध्यक्षा
२.	सी. सुकेशिनी भावसागर	सदस्या
३.	सी. आर. एस. चहारे	सदस्या

4. *Notice Board*



5 *ICT Tools  
Equipped New  
Conference Hall*



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Bhadrawati, Dist-Chandrapur

6. *Anti-Ragging Committee*



7. *Generator Facility*



8. *Water Filter Facility*



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9. *Botanical Garden*



10. *Sanitary Napkin Vending Machine for Ladies*



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**N.S. Science & Arts College**  
**Bhadrawati, Dist-Chandrapur**

11. *Flood Light Facility on Play Ground*



12. *Indoor Stadium*



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**PRINCIPAL**  
**N.S. Science & Arts College**  
**Bhadrawati, Dist-Chandrapur**

**13. Hanging Garden**



**14. CCTV Facility**



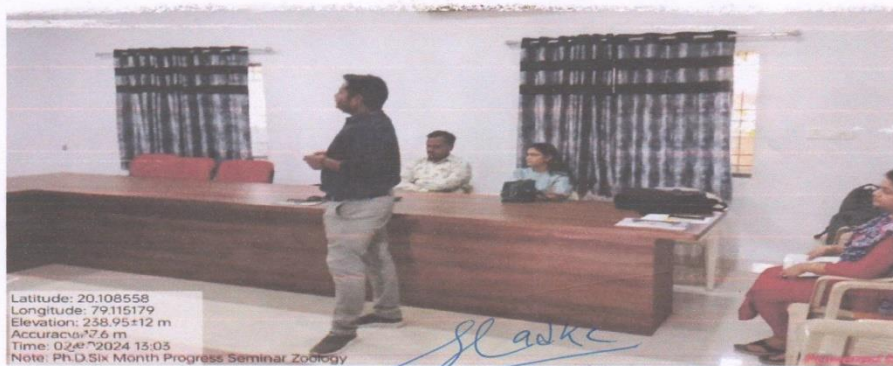
**15. Complaint Box for Students**



*Ladke*  
**Dr. L.S. Ladke**  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

# Ph. D. Students Progress Report Seminar:

Nilkanthrao Shinde Science and Arts College, Bhadrawati, District- Chandrapur  
Six Month Progress Report Ph.D. Seminar Participation of Students



*Dr. L.S. Ladke*  
**Dr. L.S. Ladke**  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

NilkanthraoShinde Science and Arts College, Bhadrawati  
Dist. Chandrapur

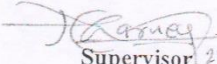
Institution of Higher Learning Research and Specialized Studies

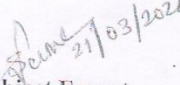
Name of Student : Mr. Shubham Sanjay Ataram  
Subject : ZOOLOGY  
Faculty : SCIENCE & TECHNOLOGY  
Thesis Titled : "Studies on Avifaunal  
Diversity of Erai Dam, Chandrapur  
District (M.S.), India"

Name of Supervisor : Dr. N. V. Hazney  
Date - 21/03/2024  
Date of Registration - 05/05/2024 (05/05/2022)


Report On Seminar (No. 03)

Work done as per report found to be Satisfactorily

  
Supervisor 21/3/2024  
(Name : Dr. N. V. Hazney)  
Nilkanthrao Shinde Science  
& Arts College, Bhadrawati

  
Subject Expert  
(Name : Dr. Sanyogita Vesera)  
Arundhiteela  
College, Warora

Head IHLR & SS

  
Dr. L. S. Ladke  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur



Nilkanthrao Shinde Science and Arts College, Bhadrawati  
Dist. Chandrapur  
Institution of Higher Learning Research and Specialized Studies

Name of Student : Ms. Sonali Prabhakar Ghosmode  
Subject : BOTANY  
Faculty : SCIENCE & TECHNOLOGY  
Thesis Titled : Comparative studies of Paddy Field  
Algae and River Algae of Warora  
Taluka, Chandrapur District, M.S. (India)

Name of Supervisor : Dr. N.S. Wadhare

Date - 20/03/2024  
Date of Registration - 07/05/2022

Report On Seminar (No. 03)

Six monthly progress is satisfactory. Critically covered out water and soil analysis during the evaluation period.

*[Signature]*  
Supervisor

(Name : Dr. N.S. Wadhare  
Nilkanthrao Shinde  
Science and Arts College,  
Bhadrawati

Subject Expert

*[Signature]* 20/03/24  
(Name : Prashant J. Wagh  
Anandniket College  
Warora

Head IHLR & SS

*[Signature]*  
Dr. L.S. Ladke

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Nilkanthrao Shinde Science and Arts College, Bhadrawati  
Dist. Chandrapur  
Institution of Higher Learning Research and Specialized Studies

Name of Student : Ku. Shivani Prakash Buread  
Subject : CHEMISTRY  
Faculty : Science and Technology  
Thesis Titled : Effect of LiT, NaT, K<sub>2</sub>T ions on  
different solvents through  
ultrasonic investigation.

Name of Supervisor : Dr. Aparna B. Dhote  
Dale - 25/05/2023

"It is expected to calculate apparent molar  
volume, partial molar volume & viscosity coefficient  
A & B"

Report On Seminar (No. 03)

Dhote  
Supervisor  
(Name : Dr. Aparna B. Dhote  
Nilkanthrao Shinde  
Science and Arts  
College, Bhadrawati)

sb  
Subject Expert  
(Name : Dr. S. A. Shah)  
Department of Chemistry  
Araundhiketan College  
Narasara, Dist-Chandrapur)

Head IHLR & SS

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Dr. L.S. Ladke  
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Nilkanthrao Shinde Science and Arts College, Bhadrawati  
Dist. Chandrapur  
Institution of Higher Learning Research and Specialized Studies

Name of Student : Ms. Bhasati Vishmupant Bansole  
Subject : Mathematics  
Faculty : Science and Technology  
Thesis Titled : "Study of Cosmological models  
of the Universe in FR and  
(R, T) Theories of Gravitation"

Name of Supervisor : Dr. L.S. Ladke  
Date - 23/09/23

Report On Seminar (No. 03)

The report of the seminar of the research student Ms. Bhasati V. Bansole is satisfactory.

Supervisor  
(Name : Dr. L.S. Ladke)

Dr. L.S. Ladke  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

Subject Expert  
(Name : Dr. D.H. Wasekar)

Dr. Khatri College,  
Tukem, Chandrapur

Head IHLR & SS  
Dr. L.S. Ladke  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

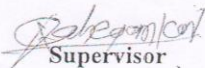
Nilkanthrao Shinde Science and Arts College, Bhadrawati  
Dist. Chandrapur

Institution of Higher Learning Research and Specialized Studies


Name of Student : Mr. Ajit Deorao Dudhe  
Subject : Physics  
Faculty : Science and Technology  
Thesis Titled : "Conductivity and dielectric  
Behaviours of some conducting  
polymer and cement Composites"  
Name of Supervisor : Dr. A. D. Dahegaonkar  
Date - 25/09/2023

Report On Seminar ( No. 02 )

Very Good presentation.


  
Supervisor

(Name : Dr. A. D. Dahegaonkar  
Nilkanthrao Shinde  
Science and Arts  
College, Bhadrawati

  
Subject Expert

(Name : Dr. P. R. Mahaske  
Dr. Khateri College,  
Tukru, Chandrapur

Head IHLR & SS

  
Dr. L. S. Ladke  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist- Chandrapur

# Assessment Completion Certificates:

## NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, CENTRE FOR HIGHER LEARNING AND RESEARCH

BHADRAWATI, DIST. CHANDRAPUR



### Assignment / Seminar / Unit Test Book

ACADEMIC SESSION

2023 - 2024

Name of the Student : Vaishnavi Vinod Wankhade

Class : Bsc (I-year) CCBZ Section : \_\_\_\_\_

Subject : Zoology - I Roll No. \_\_\_\_\_

Univ. Enrolment No : \_\_\_\_\_

*[Signature]*  
Dr. L. S. Ladke

N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

Anand Screen, Bhadrawati.

**NILKANTHRAO SHINDE SCIENCE AND  
ARTS COLLEGE, CENTRE FOR HIGHER  
LEARNING AND RESEARCH**

**BHADRAWATI, DIST. CHANDRAPUR**



**Assignment / Seminar /  
Unit Test Book**

**ACADEMIC SESSION**

**2023 - 2024**

Name of the Student: Pratiksha .H. Zade

Class : M.Sc 2<sup>nd</sup> yr (Sem IV<sup>th</sup>) Section : \_\_\_\_\_

Subject : Organic Special - I Roll No. \_\_\_\_\_

Univ. Enrolment No : \_\_\_\_\_

*Dr. L.S. Ladke*  
PRINCIPAL

Bhadrawati, Dist.-Chandrapur

Anand Screen, Bhadrawati.

**NILKANTHRAO SHINDE SCIENCE AND  
ARTS COLLEGE, CENTRE FOR HIGHER  
LEARNING AND RESEARCH**

BHADRAWATI, DIST. CHANDRAPUR



**Assignment / Seminar /  
Unit Test Book**

**ACADEMIC SESSION**

**2023 - 2024**

(Kuldip V. Bhuyale)

Name of the Student: Manjil Satish Malekar

Class : B.Sc. <sup>III<sup>rd</sup></sup> ~~Second~~ Sem-II Section : 1

Subject : physics Roll No.                     

Univ. Enrolment No :                     

*Sladke*  
Dr. L. S. Ladke  
N.S. Science  
Bhadrawati, Dist-Chandrapur

Anand Screen, Bhadrawati.

# Project Completion Certificates:

Nilkanthrao Shinde Science and Art's College Bhadrawati,  
Dist Chandrapur

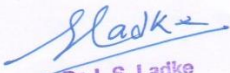
## Certificate Of Project Guide


This is to certify that **Miss Mayuri Dadaji Raut** is a bonafied M.Sc (1st Year ) Sem- II (NEP) student of **Nilkanthrao Shinde Science and Art's College , Bhadrawati Dist Chandrapur** during the Session 2023-2024. She has completed project entitled " **Estimation Of Carbon Dioxide Of Gavrala A Freshwater Lake, Bhadrawati Dist. Chandrapur, Maharashtra , India**" Under the guidance of **Dr. Narendra Harney Assistant Professor , Department of Zoology.**

The project is being submitted to Gondwana University , Gadchiroli for teh fulfillment of the requirement for the M.Sc Degree Examination of the year 2023-2024 in subject Zoology labortary of **Nilkanthrao Shinde Science and Art's College Bhadrawati, Dist Chandrapur** and by frequent visits to the field site of Gavrala lake Bhadrawati Tehsil.

Place : Bhadrawati

Date : 1/4/2024

  
**Dr. L.S. Ladke**  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist. Chandrapur

  
**Dr. Narendra Harney**  
Project Guide  
Dr. N.V. Harney  
Head  
Department of Zoology

Nilkanthrao Shinde Science & Arts  
College, Bhadrawati, Dist-Chandrapur

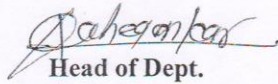


## CERTIFICATE

*This is to certify that the dissertation entitled "Molecular Interaction Study Using Ultrasonic Technique for Organic Liquids at 4 MHz" is a bonafide record of independent research work done by Punam K. Ambekar, (Univ Reg. No. -14403725) under my supervision during 2019 - 2020, submitted to the Gondwana University, Gadchiroli in partial fulfillment for the award of the Degree of Master in Physics and that the dissertation has not previously formed the basis for the award of any other degree, diploma, associateship, fellowship or other title.*

Date: 20.03.2024

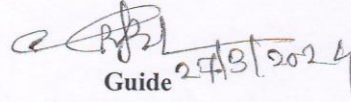
Place: Bhadrawati



Head of Dept.

**Dr. A. D. Dahegaonkar**  
Assistant Professor

N.S. Science and Arts College  
Bhadrawati, Dist: Chandrapur



Guide

**Dr. G. R. Bedare**  
Assistant Professor

N.S. Science and Arts College  
Bhadrawati, Dist: Chandrapur



Signature of the Principal  
(with seal)

**Dr. L. S. Ladke**  
PRINCIPAL

N.S. Science & Arts College  
Bhadrawati, Dist-Chandrapur

PROJECT REPORT

On the Topic

“Study of pure SnO<sub>2</sub> based lpg gas sensor”

Submitted by

**Ms. Gitika. K. Durge[M.Sc-I]**

Submitted to

**GONDWANA UNIVERSITY, GADCHIROLI**

In partial fulfilment

For Master of Science in Physics

Under the guidance of

**Mr. K.V.BHONGALE**

Assistant Professor

Department of Physics

**Nilkanthrao Shinde Sci. & Art College, Bhadrawati**



*Ladke*

**Dr. L.S. Ladke**

PRINCIPAL

Science & Arts College  
Bhadrawati, Dist.-Chandrapur  
2023-2024

## CERTIFICATE

This is to certify that Mr. VISHAL VINOD DEWALKAR student of M.Sc sem II Botany successfully completed the project work entitled as "survey of medicine plant of Wani areas taluka Wani district Yavatmal Maharashtra ,India" is a partial fulfilment of degree of a master of science in botany Gondwana University Gadachiroli during academic session 2022024

Date :

Place: Bhadrawati



PG. Department Of Botany

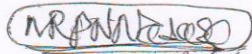
Teacher Incharge

M.Sc. Botany Practical

Department of Botany

N.S. Science & Arts College

Bhadrawati, Dist. Chandrapur



Co-ordinator

M.Sc. Botany



Dr. L.S. Ladke

PRINCIPAL

N.S. Science & Arts College  
Bhadrawati, Dist- Chandrapur



Dr. L.S. Ladke

PRINCIPAL

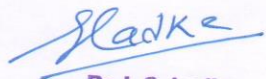
N.S. Science & Arts College

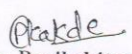
## DECLARATION

I hereby declare that work presented in "Studied the Fermentation of Gram Flour, Corn Flour and Sorghum Flour" has been carried out independently by me under the guidance of **Dr. Aparna B. Dhote**, Head and Assistant Professor in Chemistry, Nilkantharao Shinde Science & Arts College Bhadrawati, dist. Chandrapur. The work was carried out for the partial fulfilment of M.Sc. Chemistry Degree to be awarded by Gondwana University, Gadchiroli.

The work has not been submitted as a whole or in part to any university or institution for the award of degree, diploma or certificate.

Place:- Bhadrawati  
Date:-

  
**Dr. L.S. Ladke**  
PRINCIPAL  
N.S. Science & Arts College  
Bhadrawati, Dist.-Chandrapur

  
Miss. Parikshita C. Kakde  
M.Sc. (Chemistry) final  
N.S. Science and Arts College  
Bhadrawati, Dist. Chandrapur