



Vidya Bharati ShaikshanikMandal, Amravati's

# **Vidya Bharati Mahavidyalaya, Amravati**

**Affiliated to Sant Gadge Baba Amravati University, Amravati  
Maharashtra**

NAAC Re-accredited with Grade "A"(CGPA 3.26-Second Cycle)

CPE Status (Third Time) by UGC,

Mentor College under Paramarsh Scheme by UGC

'Lead College' by S.G.B. Amravati University, Amravati

ISO Certification: 9001:2015 and 14001:2015

Website: [vbmv.org](http://vbmv.org)

**Project work/field work/internship**

**Proofs**

**2014-15**

## **PROJECT REPORT**

**ON**

**“Measurement of dielectric constant / dielectric  
properties glass material.”**

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

Sant Gadge Baba Amravati University, Amravati



**Submitted By**

**ASHWINI. H. PAULZAGADE**

**M.Sc.-II**

**Supervisor**

**Dr. N.G. Belsare**

M.Sc., M. Phil., Ph.D.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-15**

## CERTIFICATE

This is to certify that **Ku. Ashwini H. Paulzagade** of this institute has carried out project work on “**Measurement of dielectric constant/ dielectric properties of glass material**” under the guidance of **Dr. N.G. Belsare** in the Department of Physics, Vidyabharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of Master Of Science (Physics), Sant Gadge Baba Amravati University Amravati.

Place: Amravati.

Date: 2 / 5 / 2015



**Dr. N.G. Belsare**

M.Sc., M.Phil., Ph.D.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati



**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



# **PROJECT REPORT**

**ON**

**“STUDY OF ELECTRICAL CONDUCTIVITY OF PROTONIC  
PVA BASED POLYMER ELECTROLYTE”**

Submitted In The Partial Fulfillment for The Degree Of Master Of Science  
(Physics) Sant Gadge Baba Amravati University, Amravati.



**Submitted by**

Miss . Ashwinee Nandkishor Bijwe

**Supervisor**

Dr. R.V. Joat

**DEPARTMENT OF PHYSICS**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

**2014-2015**



## CERTIFICATE

This is to certify that, Miss Ashwinee Nandkishor Bijwe of this institute has carried out project work on "Study of electrical conductivity of protonic PVA based polymer electrolyte" under the guidance of Dr. R. V. Joat in the Department of Physics, Vidya Bharati Mahavidyalaya , Amravati during the academic session 2014-2015. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place : Amravati

Date : 5-5-2015

  
Dr. N. G. Belsare

M.Sc ,M. Phil ,Ph.D

Head

Department Of Physics

Vidya Bharati Mahavidyalaya,

Amravati

  
Dr. R. V. Joat

M.Sc Ph.D

Supervisor

Department Of Physics

Vidya Bharati Mahavidyalaya,

Amravati

# **PROJECT REPORT**

**ON**

**“Effect of temperature and frequency on AC  
conductivity and dielectric constant of PANI-PVA Composite”**

Submitted In The Partial Fulfillment for The Degree Of Master Of Science  
(Physics) Sant Gadge Baba Amravati University, Amravati.



**Submitted by**

**Mr. Amit Pradiprao Dakhore**

**Supervisor**

**Dr. A. S. Wadtkar**

**DEPARTMENT OF PHYSICS**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**

**2014-2015**

## CERTIFICATE

This is to certify that **Mr. Amit Pradiprao Dakhore** of this institute has carried out project work on "Effect of temperature and frequency on AC conductivity and dielectric constant of PANI-PVA composite" under the guidance of **Dr. A. S. Wadatk** in the Department of Physics, VidyaBharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.**

Place: Amravati.

Date: 8/6/2015

  
**Dr. A. S. Wadatk**

M.Sc., M.Phil., Ph.D.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati

  
**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



# Project Report

ON

**“Study the DC Electrical conductivity of PANI-PMMA  
composites”**

Submitted in the Partial Fulfillment for the degree of  
Master of Science (Physics)  
Sant Gadge Baba Amravati University, Amravati



Submitted By

**Miss. Ankita R. Ganorkar**

**M.Sc.-II**

Supervisor

**Dr. A. S. Wadtkar**

M.Sc., M.Phil., Ph.D.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**


**2014-15**


## CERTIFICATE

This is to certify that Miss. Ankita Ravindrarao Ganorkar of this institute has carried out project work on "Study the DC Electrical Conductivity of PANI-PMMA composite" under the guidance of Dr. A. S. Wadtkar in the Department of Physics, Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

Place: Amravati.

Date: 10/06/2015

  
**Dr. A. S. Wadtkar**  
M.Sc., M.Phil., Ph.D.  
Supervisor  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati

  
11.06.2015  
**Dr. N. G. Belsare**  
M.Sc., M.Phil., Ph.D.  
Head  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



**PROJECT REPORT**

**ON**

**“Study of electrical conductivity of proton green  
polymer electrolyte”**

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

Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Mr. Aniket R. Maddalwar**

**M.Sc.-II**

**Supervisor**

**Dr. R. V. Joat**

**M.Sc., P.hd**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-2015**

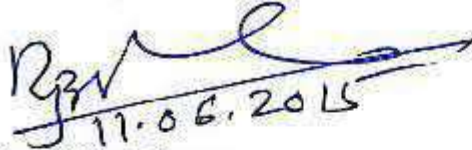


## CERTIFICATE

This is to certify that **Mr. Aniket Ramesh Maddalwar** of this institute has carried out project work on "Study of electrical conductivity of proton green polymer electrolyte" under the guidance of **Dr. R. V. Joat** in the Department of Physics, Vidyabharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS)**, **SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI**.

Place: Amravati.

Date: 11/6/2015



**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



**Dr. R. V. Joat**

M.Sc., Ph.D

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.

# **PROJECT REPORT**

**ON**

**“Measurement of dielectric constant / dielectric  
properties of dry soil.”**

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

Sant Gadge Baba Amravati University, Amravati



**Submitted By**

**Mr. Gaurav S. Chaudhari**

**M.Sc.-II**

**Supervisor**

**Dr. N.G. Belsare**

M.Sc., M. Phil., Ph.D.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-15**

## CERTIFICATE

This is to certify that **Mr. Gaurav S. Chaudhari** of this institute has carried out project work on "Measurement of dielectric constant/ dielectric properties of dry soil" under the guidance of **Dr. N.G. Belsare** in the Department of Physics, Vidyabharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.**

Place: Amravati.

Date: <sup>02/05</sup> / / 2015



**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

**Supervisor and Head**  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati



**PROJECT REPORT**

**ON**

**“HUMIDITY SENSING PROPERTIES OF SnO<sub>2</sub> DOPED  
CuO SCREEN PRINTED THICK FILM SENSOR”**

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

Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Mr. Krunal Chandrapal Shahu**

**M.Sc.-II**

**Supervisor**

**Prof. R. M. Agrawal**

**M.Sc.**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**


**2014-2015**

## CERTIFICATE

This is to certify that Mr. Krunal Chandrapal Shahu of this institute has carried out project work on "Humidity sensing properties of SnO<sub>2</sub> doped CuO screen printed thick film sensor" under the guidance of Prof. R. M. Agrawal in the Department of Physics, Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

Place: Amravati.

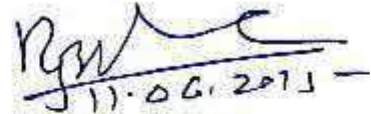
Date: 10/06/2015



Prof. R.M. Agrawal  
M.Sc.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



Dr. N. G. Belsare

M.Sc., M.Phil., Ph.D

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



# **PROJECT REPORT**

**ON**

**“Measurement of dielectric constant / dielectric  
properties of Plaster of Paris.”**

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

Sant Gadge Baba Amravati University, Amravati



**Submitted By**

**KU. KOMAL D. BHAMODKAR**

**M.Sc.-II**

**Supervisor**

**Dr. N.G. Belsare**

M.Sc., M. Phil., Ph.D.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-15**



## CERTIFICATE

This is to certify that **KU. KOMAL D. BHAMODKAR** of this institute has carried out project work on "Measurement of dielectric constant/ dielectric properties of Plaster of Paris" under the guidance of **Dr. N.G. Belsare** in the Department of Physics, Vidyabharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.**

Place: Amravati.

Date: / / 2015

  
02.05.2015  
**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati

  
02.05.2015  
**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.

**PROJECT REPORT**

**ON**

**“HUMIDITY SENSING PROPERTIES OF ZnO DOPED  
WITH BaTiO<sub>3</sub> THICK FILM SENSORS”**

Submitted in the Partial Fulfillment for the degree of  
Master of Science (Physics)  
Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Ku. Mohini C. Deshmukh**

**M.Sc.-II**

**Supervisor**

**Dr. G. T. Lamdhade**

**M.Sc., Ph.D.**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**


**2014-2015**

## CERTIFICATE

This is to certify that **Ku. Mohini. C. Deshmukh.** of this institute has carried out project work on "**Humidity Sensing Properties of ZnO Doped With BaTiO<sub>3</sub> Thick Film Sensor**" under the guidance of **Dr. G. T. Lamdhade** Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati during the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.**

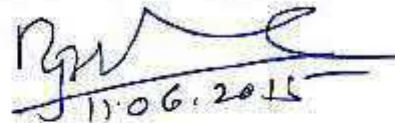
Place: Amravati.

Date: 10/6/2015



10-6-15  
Dr. G. T. Lamdhade  
M.Sc., Ph.D.

Supervisor  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



11-06-2015

Dr. N. G. Belsare  
M.Sc., M.Phil., Ph.D.  
Head  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**PROJECT REPORT**  
**ON**  
**“Study Of Some Electrical Properties Of PMMA+PVC**  
**Polyblends”**

Submitted In The Partial Fulfillment for The Degree Of Master Of Science  
(Physics) Sant Gadge Baba Amravati University, Amravati.



**Submitted by**  
**Mr. Mahesh R. Bhule**

**Supervisor**  
**Dr. R.V.Waghmare**

**DEPARTMENT OF PHYSICS**  
**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**

**2014-2015**

## CERTIFICATE

This is to certify that Mr. Mahesh R. Bhule of this institute has carried out a project work on "**STUDY OF SOME ELECTRICAL PROPERTIES OF PMMA+PVC POLYBLEND**S" under the guidance of Dr. R. V. Waghmare, Department of Physics, Vidyabharati Mahavidyalaya, Amravati, during the academic session 2013-2014. 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: 8/6/2015



Dr. N.G. Belsare

M.Sc., M. Phil, Ph.D.

Head

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati



Dr. R.V. Waghmare

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

Supervisor

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati



# **PROJECT REPORT**

**ON**

**“STUDY OF ELECTRICAL CONDUCTIVITY OF PROTONIC  
PVA BASED POLYMER ELECTROLYTE”**

Submitted In The Partial Fulfillment for The Degree Of Master Of Science  
(Physics) Sant Gadge Baba Amravati University, Amravati.



**Submitted by**

Mr. Mukesh S. Rajput

**Supervisor**

Dr. R.V. Joat

**DEPARTMENT OF PHYSICS**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

**2014-2015**




## CERTIFICATE

This is to certify that, Mr. Mukesh S. Rajput of this institute has carried out project work on "Study of electrical conductivity of protonic PVA based polymer electrolyte" under the guidance of Dr. R. V. Joat in the Department of Physics, Vidya Bharati Mahavidyalaya, Amravati during the academic session 2014-2015. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place : Amravati

Date : 09/05/2015



11-06-2015

Dr. N. G. Belsare

M.Sc, M. Phil, Ph.D

Head

Department Of Physics

Vidya Bharati Mahavidyalaya,

Amravati



09-5-2015

Dr. R. V. Joat

M.Sc Ph.D

Supervisor

Department Of Physics

Vidya Bharati Mahavidyalaya,

Amravati

**PROJECT REPORT**

**ON**

**“CO<sub>2</sub> gas sensing properties of BaTiO<sub>3</sub> doped CuO thick  
film sensing”**

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

Sant Gadge Baba Amravati University, Amravati



**Submitted By**

**Miss. Neha Kailasrao Fating**

**M.Sc.-II**

**Supervisor**

**Prof. R. M. Agrawal**

**M.Sc.**

**DEPARTMENT OF PHYSICS**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI.**


**2014-15**

## CERTIFICATE

This is to certify that Miss. Neha Kailasrao Fating of this institute has carried out project work on "CO<sub>2</sub> gas sensing properties of BaTiO<sub>3</sub> doped CuO thick film sensing" under the guidance of Prof. R. M. Agrawal in the Department of Physics, VidyaBharati Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

Place: Amravati.

Date: 8/6/2015

  
Prof. R.M. Agrawal  
M.Sc.

Supervisor  
Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati

  
11.06.2015  
Dr. N. G. Belsare  
M.Sc., M.Phil., Ph.D

Head  
Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.



**PROJECT REPORT**

**ON**

**“STUDY OF A.C. CONDUCTION MECHANISM IN  
ETHYLCELLULOSE AND POLY METHYL METHA ACRYLATE  
BLENDS”**

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

**Sant Gadge Baba Amravati University, Amravati**



**Submitted By**

**Miss. PRIYAM MAHESHWARI**

**M.Sc.-II**

**Supervisor**

**Dr. R. V. WAGHMARE**

**M.Sc. P.hd.**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**


**2014-15**

## CERTIFICATE

This is to certify that Miss. Priyam Maheshwari of this institute has carried out project work on "STUDY OF CONDUCTION MECHANISM IN ETHYLCELLULOSE AND POLY METHYL METHA ACRYLATE BLENDS" under the guidance of Dr. R. V. Waghmare in the Department of Physics, Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

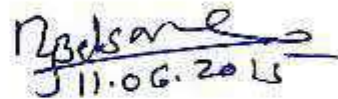
Place: Amravati.

Date: / / 2015



**Dr. R. V. Waghmare**

M.Sc.P.hd.  
Supervisor  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati



**Dr. N. G. Belsare**

M.Sc.,M.Phil.,Ph.D  
Head  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



# PROJECT REPORT

ON

**“Study the DC Electrical Conductivity of PANI-PVA  
composite”**

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

Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Miss. Piyusha P. Bhele**

**M.Sc.-II**

**Supervisor**

**Dr. A. S. Wadatkar**

**M.Sc., M.Phil., Ph.D.**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-15**



## CERTIFICATE

This is to certify that Miss. Piyusha Prmodrao Bhele of this institute has carried out project work on "Study the DC Electrical Conductivity of PANI-PVA composite" under the guidance of Dr. A. S. Wadtkar in the Department of Physics, Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

Place: Amravati.

Date: / / 2014

  
**Dr. A. S. Wadtkar**

M.Sc., M.Phil., Ph.D.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati

  
**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.

# PROJECT REPORT

ON

**“Fabrication and Application of Thick Film SnO<sub>2</sub> Doped  
with Nb<sub>2</sub>O<sub>5</sub> Gas sensor to Sense CO<sub>2</sub> Gas”**

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

Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Miss. Rakhi P. Chaudhari**

M.Sc.-II

**Supervisor**

**Dr. K.B. Raulkar**

M.Sc., SET, Ph.D.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-2015**

## CERTIFICATE

This is to certify that **Miss. Rakhi P. Chaudhari** of this institute has carried out project work on "**Fabrication and Application of Thick SnO<sub>2</sub> Doped with Nb<sub>2</sub>O<sub>5</sub> Gas sensor to Sense CO<sub>2</sub> Gas**" under the guidance of **Dr. K. B. Raulkar**, Department of physics Vidyabharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.**

Place: Amravati.

Date: /06/2015



**Dr. K. B. Raulkar**

M.Sc., SET, Ph.D.

Supervisor  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



**Dr. N. G. Belsare**

M.Sc., M.Phil., Ph.D.

Head  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



# PROJECT REPORT

ON

**“Humidity Sensing Properties of BaTiO<sub>3</sub> Doped SnO<sub>2</sub>  
Screen Printed Thick Film Sensor”**

Submitted in the Partial Fulfillment for the degree of

Master of Science (Physics)

Sant Gadge Baba Amravati University, Amravati.



Submitted By

**Mr. Ritesh Sunil Joshi**

**M.Sc.-II**

Supervisor

**Prof. R. M. Agrawal**

M.Sc.

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-2015**

## CERTIFICATE

This is to certify that **Mr. Ritesh Sunil Joshi** of this institute has carried out project work on "**Humidity sensing properties of BaTiO<sub>3</sub> doped SnO<sub>2</sub> screen printed thick film sensor**" under the guidance of **Prof. R. M. Agrawal** in the Department of , **Vidyabharti Mahavidyalaya, Amravati**. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI**.

Place: Amravati.

Date: 10/06/2015

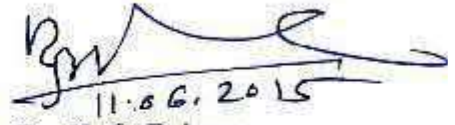


Prof. R. M. Agrawal

M.Sc.

Supervisor

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



Dr. N. G. Belsare

M.Sc., M.Phil., Ph.D

Head

Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



**PROJECT REPORT**

**ON**

**“Fabrication and Application of Thick-Film SnO<sub>2</sub> Doped  
with V<sub>2</sub>O<sub>5</sub> Gas sensor to Sense CO<sub>2</sub> Gas”**

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

Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Miss. Suvarna V. Bhoyar**

**M.Sc.-II**

**Supervisor**

**Dr. K.B. Raulkar**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-2015**



## CERTIFICATE

This is to certify that Miss. Suvarna V. Bhojar of this institute has carried out project work on "Fabrication and Application of Thick SnO<sub>2</sub> Doped with V<sub>2</sub>O<sub>5</sub> Gas sensor to Sense CO<sub>2</sub> Gas" under the guidance of Dr. K. B. Raulkar, Department of physics VidyaBharti Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.


Place: Amravati.

Date: / 06 / 2015



Dr. K. B. Raulkar  
M.Sc., SET, Ph.D.

Supervisor  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.



Dr. N. G. Belsare  
M.Sc., M.Phil., Ph.D.

Head  
Department of Physics,  
VidyaBharti Mahavidyalaya,  
Amravati.

**PROJECT REPORT**

**ON**

**“HUMIDITY SENSING PROPERTIES OF BaTiO<sub>3</sub> DOPED  
ZnO SCREEN PRINTED THICK FILM SENSOR”**

Submitted in the Partial Fulfillment for the degree of  
Master of Science (Physics)  
Sant Gadge Baba Amravati University, Amravati.



**Submitted By**

**Miss. Vrushali B. Hadole**

**M.Sc.-II**

**Supervisor**

**Dr. G.T. Lamdhade**

**M.Sc. Ph.D**

**DEPARTMENT OF PHYSICS**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2014-2015**

## CERTIFICATE

This is to certify that Miss.Vrushali Balabhau Hadole of this institute has carried out project work on "Humidity sensing properties of BaTiO<sub>3</sub> doped ZnO screen printed thick film sensor" under the guidance of Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati during the academic session 2014-15.The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

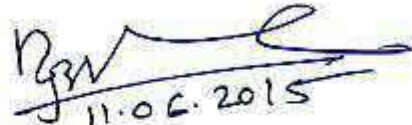
Place: Amravati.

Date:10/6/2015



**Dr. G.T.Lamdhade**  
M.Sc.,Ph.D.  
Supervisor

Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**Dr. N. G. Belsare**  
M.Sc., M.Phil., Ph.D  
Head

Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**PROJECT REPORT**  
**ON**  
**CO<sub>2</sub> gas sensing properties of ZnO doped CuO**  
**thick film sensing”**

Submitted In The Partial Fulfillment for The Degree Of Master Of Science  
(Physics) Sant Gadge Baba Amravati University, Amravati.



**Submitted by**  
**Mr. Yasir ahmad Abid Khan**

**Supervisor**  
**Prof. R. M. Agrawal**  
M.Sc.


**DEPARTMENT OF PHYSICS**  
**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**  
**2014-2015**

## CERTIFICATE

This is to certify that Mr. Yasir ahamd Abid Khan of this institute has carried out project work on "CO<sub>2</sub> gas sensing properties of ZnO doped CuO thick film sensing" under the guidance of Prof. R. M. Agrawal in the Department of Physics, Vidyabharati Mahavidyalaya, Amravati. During the academic session 2014-15. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (PHYSICS), SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI.

Place: Amravati.

Date: 8/6/2015-15

  
Prof. R. M. Agrawal  
M.Sc.

Supervisor  
Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati

  
Dr. N. G. Belsare  
M.Sc., M.Phil., Ph.D

Head  
Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

PROJECT REPORT

ON

“Search Engine”

*Submitted by*  
*Aaditi Gulhane*

*Guided By*  
*Prof.R.B.Patil*



Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015



# CERTIFICATE

*This is to certify that the Project Report on*

**“Search Engine “**

*has been submitted by*

**Aaditi Gulhane**

*of Second Year M.C.M. in a satisfactory manner under my supervision and guidance*

*In the partial fulfillment for the degree of*

**Master of Computer Management**

*Sant Gadge Baba Amravati University, Amravati.*

*During the academic year 2014-15*



Guide

  
Prof. R. B. Patil

  
External Examiner

Coordinator  
  
Prof. S. A. Kazi

Department of Research and PG Studies in Science & Management

M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI - 444 602.

2014 - 2015

**PROJECT REPORT**  
**ON**  
**“GAS AGENCY MANAGEMENT SYSTEM”**

*Submitted by*  
***Ku.Ekta V. Ambilduke***

*Guided BY*  
***Prof. A.R.Jadhav***



**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. NAIDU ROAD, CAMP,**

**AMRAVATI - 444 602.**

**2014 - 2015**

## CERTIFICATE

This is to certify that the Project Report on  
**“Gas Agency Management System“**

has been submitted by

*Ku. Ekta V. Ambilduke*

of Second Year M.C.M. in a satisfactory manner under my supervision  
and guidance In the partial fulfillment for the degree of

**Master of Computer Management**

Sant Gadge Baba Amravati University, Amravati.

During the academic year 2014-2015



Guide

*A.R. Jadhav*  
Prof. A.R. Jadhav

Coordinator

*S. A. Kazi*  
Prof. S. A. Kazi

Head

*S. A. Telang*  
Dr. S. A. Telang



Principal

*F. C. Raghuwanshi*  
Dr. F. C. Raghuwanshi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI-444 602.

2014 - 2015



PROJECT REPORT  
ON  
"Online Adventure System"

*Submitted by*  
*Mr. Ghansham A. Tayade*

*Guided BY*  
*Prof. S.A.Kazi*



Department of Research and PG Studies in Science & Management

N.C.M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI - 444 607

2014 - 2015

**CERTIFICATE**

This is to certify that the Project Report on  
**'Online Adventure System'**  
has been submitted by

Mr. Chavhan A. Tejendra

of Second Year M.C.M. in a satisfactory manner under my supervision  
and guidance in the partial fulfillment for the degree of

**Master of Computer Management**

Savitribai Phule Amravati University, Amravati

During the academic year 2014-2015



Guide  
Prof. S. K. Kari

Coordinator  
Prof. S. K. Kari

Head  
Dr. S. K. Kelong



Principal

Dr. F. C. Keshavnishi

Department of Research and PG Studies in Science & Management  
M.C.M.

**VIDYA BHARATI MAHAVIDYALAYA,**

C. S. NAYDU ROAD, CAMP,

AMRAVATI-444 602

2014-2015

PROJECT REPORT

ON

“Employee management System of an Organisation”

*Submitted by*  
**Komal Santoshiya**

*Guided By*  
**Prof. S.A.Kazi**



Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015



# CERTIFICATE

This is to certify that the Project Report on  
"Employee Management System of an Organisation"

has been submitted by

**Komal Santoshiya**

of Second Year M.C.M. in a satisfactory manner under my supervision and guidance

In the partial fulfillment for the degree of

**Master of Computer Management**

Sant Gadge Baba Amravati University, Amravati.

During the academic year 2014-15



Guide

Prof. S. A. Kazi

**External Examiner**

Coordinator

Prof. S. A. Kazi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015

**PROJECT REPORT**  
**ON**  
**“Health Service Portal”**

*Submitted by*  
**Mr. Lalit H. Chauhan**

*Guided BY*  
**Prof. A.R.Jadhav**



**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. NAIDU ROAD, CAMP,**

**AMRAVATI - 444 602.**

**2014 - 2015**

## CERTIFICATE

*This is to certify that the Project Report on*

### **'Health Service Portal'**

*has been submitted by*

*Mr.Lalit H. Chauhan*

*of Second Year M.C.M. in a satisfactory manner under my supervision*

*and guidance In the partial fulfillment for the degree of*

**Master of Computer Management**

*Sant Gadge Baba Amravati University, Amravati.*

*During the academic year 2014-2015*



*Jadhav*  
Guide

Prof.A.R.Jadhav

*Kazi*  
Coordinator

Prof. S. A. Kazi

*Telang*  
Head

Dr. S. A. Telang



*Raghuwanshi*  
Principal

Dr. F. C. Raghuwanshi

**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444 602.

2014 - 2015



PROJECT REPORT  
ON  
"Railway Route Optimization System"

*Submitted by*  
**Mayuri Gangrade**

*Guided By*  
**Prof.A.R.Jadhav**



Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015

# CERTIFICATE

This is to certify that the Project Report on  
"Railway Route Optimization System "

has been submitted by

**Mayuri Gangrade**

of Second Year M.C.M. in a satisfactory manner under my supervision and guidance

In the partial fulfillment for the degree of

**Master of Computer Management**

Sant Gadge Baba Amravati University, Amravati.

During the academic year 2014-15



Guide

  
Prof. A. R. Jadhav



External Examiner

Coordinator

  
Prof. S. A. Kazi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI - 444 602.

2014 - 2015

CERTIFICATE

This is to certify that the Project Report on  
**'School Management System'**

has been submitted by

Mr. Anil Shivasthe

of Second Year M.C.M. in a satisfactory manner under my supervision  
and guidance in the partial fulfillment for the degree of  
**Master of Computer Management**

Sant Gadge Baba Amte's University, Amravati

During the academic year 2014-2015



Guide

Prof. F. A. Wad

Coordinator

Prof. B. A. Kadi

Dr. S. A. Wang



Principal

Dr. F. C. Raghunathi

Department of Research and PG. Studies in Science & Management  
M.C.M.

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NALLU ROAD, CAMP,

AMRAVATI-444 802.

2014-2015



PROJECT REPORT  
ON  
"School Management System "

Submitted by  
*Mr. Mohd. Azharuddin*

Guided BY  
*Prof. R.B.Patil*



Department of Research and PG Studies in Science & Management  
M.C.M.

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD CAMP,

AMBAYATI-444 602

2014 - 2015

PROJECT REPORT  
ON  
"Inventory Management System"

*Submitted by*  
*Neha Adwani*

*Guided By*  
*Prof.R.B.Patil*



Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2014 - 2015

# CERTIFICATE

This is to certify that the Project Report on  
"Inventory Management System "

has been submitted by

**Neha Adwani**

of Second Year M.C.M. in a satisfactory manner under my supervision and guidance

In the partial fulfillment for the degree of

**Master of Computer Management**

Sant Gadge Baba Amravati University, Amravati.

During the academic year 2014-15



*Guide*

Prof. R. B. Patil

External Examiner

*Coordinator*

Prof. S. A. Kazi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015



PROJECT REPORT

ON

"Car Discuss Blog"

*Submitted by*  
**Pooja Pawar**

*Guided By*  
**Prof. S.A.Kazi**



Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015

# CERTIFICATE

*This is to certify that the Project Report on*

**“Car Discuss Blog”**

*has been submitted by*

**Pooja Pawar**

*of Second Year M.C.M. in a satisfactory manner under my supervision and guidance*

*In the partial fulfillment for the degree of*

**Master of Computer Management**

*Sant Gadge Baba Amravati University, Amravati.*

*During the academic year 2014-15*



Guide

  
Prof. S. A. Kazi

  
**External Examiner**

Coordinator

  
Prof. S. A. Kazi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

2014 - 2015

## CERTIFICATE

*This is to certify that the Project Report on*

### **“TEXT STEGANOGRAPHY”**

*has been submitted by*

*Ku. Priti D.Sambhe*

*of Second Year M.C.M. in a satisfactory manner under my supervision*

*and guidance In the partial fulfillment for the degree of*

**Master of Computer Management**

*Sant Gadge Baba Amravati University, Amravati.*

*During the academic year 2014-2015*



Guide

Prof. R.B.Patil

Coordinator

Prof. S. A. Kazi

Head

Dr. S. A. Telang



Principal

Dr. F. C. Raghuwanshi

**Department of Research and PG Studies in Science & Management  
M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444 602.

2014 - 2015



**PROJECT REPORT**  
**ON**  
**“TEXT STEGANOGRAPHY”**

*Submitted by*  
***Ku.Priti D.Sambhe***

*Guided BY*  
***Prof. R.B.Patil***



**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI - 444 602.

**2014 - 2015**

**PROJECT REPORT**  
**ON**  
**“Profile Management System”**

*Submitted by*  
**Ms. Priyanka L. Manoja**

*Guided BY*  
**Prof. S.A.Kazi**



**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. NAIDU ROAD, CAMP,**

**AMRAVATI - 444 602.**

**2014 - 2015**

## CERTIFICATE

This is to certify that the Project Report on  
**'Profile Management System'**

has been submitted by

Ms. Priyanka L. Manoja

of Second Year M.C.M. in a satisfactory manner under my supervision  
and guidance In the partial fulfillment for the degree of

**Master of Computer Management**

Sant Gadge Baba Amravati University, Amravati.

During the academic year 2014-2015



**Guide**

Prof. S.A.Kazi

**Head**

  
Dr. S. A. Telang

**External Examiner**

  
18.6.15

**Coordinator**

Prof. S. A. Kazi

**Principal**

  
Dr. F. C. Raghuwanshi

Department of Research and PG Studies in Science & Management  
M C M

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI-444 602.

2014 - 2015



**PROJECT REPORT**  
**ON**  
**“CLINIC INVENTORY SYSTEM”**

*Submitted by*  
***Ku.Shital D.Tidke***

*Guided BY*  
***Prof. A.R.Jadhav***



**Department of Research and PG Studies in Science & Management**

**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. NAIDU ROAD, CAMP,**

**AMRAVATI - 444 602.**

**2014 - 2015**

## CERTIFICATE

*This is to certify that the Project Report on*

### **“Clinic Inventory System“**

*has been submitted by*

*Ku. Shital D. Tidke*

*of Second Year M.C.M. in a satisfactory manner under my supervision*

*and guidance In the partial fulfillment for the degree of*

**Master of Computer Management**

*Sant Gadge Baba Amravati University, Amravati.*

*During the academic year 2014-2015*



Guide

Prof. A.R. Jadhav

Coordinator

Prof. S. A. Kazi

Head

Dr. S. A. Telang



Principal

Dr. F. C. Raghuwanshi

**Department of Research and PG Studies in Science & Management**  
**M C M**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444 602.

2014 - 2015

**“Occurrence and distribution of Arbuscular  
Mycorrhiza in *Citrus reticulata* (orange) from  
Amravati region”**

**DISSERTATION**

Submitted in partial fulfillment for the degree of  
Master of Science in botany  
(2014-2015)



*SUBMITTED BY*

**MR. JAYESH RAMDAS PANDE**

M.Sc. II<sup>nd</sup> Sem. IV

*SUPERVISOR*

**MISS. LUBNA P. KHALID**

**Lecturer**

**Department of Botany**

**Vidyabharati Mahavidyalaya, Amravati**

**2014-2015**



## CERTIFICATE

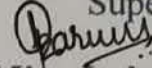
This is to certifying that the project work entitled, "**Occurrence and distribution of Arbascular Mycorrhiza in *Citrus reticulata* (Orange) from Amravati region**", submitted by Mr. Jayesh Ramdas Pande as partial fulfilment of M.Sc. Botany has been carried out satisfactorily by him at the P.G. Department of Botany, Vidyabharati Mahavidyalaya, Amravati, under the guidance and supervision of **Miss. Lubna P. khalid** Lecturer in P.G. Department of Botany Vidyabharati Mahavidyalaya, Amravati.

HOD

  
**Dr. V. R. Deshmukh**

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

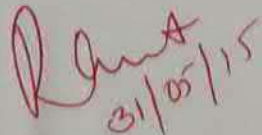
Supervisor

  
**Miss. Lubna P. khalid**

Assistant Professor,  
Department of Botany,  
VBMV, Amravati.

Date: 10/4/2015

Place: Amravati

  
31/05/15  
**Signature of Examiner**

**Dissertation on**

**STUDY OF SEED BORNE FUNGI OF  
DIFFERENT MONOCOTYLEDON SEED**

**Submitted to**

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

**For the partial fulfillment of requirements of  
Degree of Master of Science in Botany (2014-2015)**

**By**

**Miss. Nilima R. Ramteke**

**Under the Supervision of**

**Dr. V. R. Deshmukh**

Head & Associate Professor,  
P.G. 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*

**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 "study of seed borne Fungi of different monocotyledon seed. " submitted by Miss. **Nilima R. Ramteke** 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 Bharti 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

**Dr. V. R. Deshmukh**

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

Supervisor

**Dr. V. R. Deshmukh**

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

Date: 25/05/2015

Place: Amravati

**Signature of Examiner**



Dissertation on

**PHYTOCHEMICAL ANALYSIS OF LEAF AND STEM  
EXTRACT OF *CANTHIUM PARVIFLORUM***

Submitted to

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2014-2015)

By

Miss. Bhagyashree H. Wande

Under the Supervision of

Prof. P. V. Pulate

Assistant 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 Shaikshhanik 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 "**Phytochemical analysis of leaf and stem extract of *Canthium parviflorum***" submitted by **Miss. Bhagyashree H. Wande** 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, Vidya Bharati Mahavidyalaya, Amravati.

HOD

**Dr. V. R. Deshmukh**

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

Supervisor

**Prof. P. V. Pulate**

Assistant Professor,  
Department of Botany,  
VBMV, Amravati.

Date: 10/04/2015

Place: Amravati

**Signature of examiner**

**Dissertation on**

**CHEMOPROFILE OF *PLAGIOCHASMA SP.* WITH SPECIAL  
REFERENCE THERE ETHNO MEDICINAL VALUE**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2014-2015)**

**By,**

**Miss. Ankita Padmakar Joshi**

**Under the Supervision of**

**Prof. P.V.Pulate Sir**

Assistant 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*  
**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 "**Chemoprofile of Plagiochasma sp. with special reference there ethno medicinal value**" submitted by **Miss. Ankita Padmakar Joshi** 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, Vidya Bharati Mahavidyalaya, Amravati.

HOD

**Dr. V. R. Deshmukh**

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

*V. R. Deshmukh*

Date: 10/04/2015

Place: Amravati

Supervisor

*P. V. Pulate*

**Prof. P.V. Pulate Sir**

Assistant Professor,  
Department of Botany,  
VBMV, Amravati.

*P. V. Pulate*

**Signature of Examiner**

**Dissertation on**

**CHEMOPROFILE STUDIES ON *MALVASTRUM  
COROMANDELIANUM 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 (2014-2015)**

**By**

**Miss. Dipali S. Dabhade**

**Under the Supervision of**

**Prof. P. V. Pulate**

Assistant 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 Shaikshanic 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 "**Chemoprofile studies on *Malvastrum coromandelianum* L.**" submitted by **Miss. Dipali S. 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 her under my guidance and supervision in Department of Botany, Vidya Bharati Mahavidyalaya, Amravati.

HOD

**Dr. V. R. Deshmukh**

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

Supervisor

**Prof. P. V. Pulate**

Assistant Professor,  
Department of Botany,  
VBMV, Amravati.

Date: 25/05/2015

Place: Amravati

**Signature of Examiner**



Dissertation on

**DELAPIDATED FLORA OF AMRAVATI  
CITY (M.S.) INDIA**

Submitted to

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

For the partial fulfillment of requirements of  
Degree of Master of Science in Botany (2014-2015)

By

Miss. Anuja G. Bopche

Under the Supervision of

**Dr. V. R. Deshmukh**

Head & Associate Professor,  
P.G. Department of Botany,  
Vidya Bharti Mahavidyalaya, Amravati.



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

*Vidya Bharti Shaikshanik Mandal, Amravati's*

**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 "Delapidated flora of Amravati City (M.S.) India. " submitted by Miss. **Anuja G. Bopche** 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 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

**Dr. V. R. Deshmukh**

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

Supervisor

**Dr. V. R. Deshmukh**

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

Date: 10/4/2015

Place: Amravati

**Signature of Examiner**



**Dissertation on**

**“Physiological Analysis of Nostoc species collected  
from Bhandara district (Maharashtra)  
Protein Profile”**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2014-2015)**

**Submitted By**

**Miss. Pooja Ambikaprasad Yadao**

**Under the Guidance of**

**Mr. P. G. Bansod**

Department of Botany,  
VidyaBharati Mahavidyalaya, Amravati.



**POST GRADUATE DEPARTMENT OF BOTANY  
VIDYABHARATI MAHAVIDYALAYA, AMRAVATI.**

**(NAAC Reaccredited with Grade "A")  
College with Potential for Excellence (CPE) Status by UGC**



## CERTIFICATE

This is to certify that the project work entitled "*Physiological Analysis of Nostoc species collected from Bhandara district (Maharashtra) Protein Profile*" submitted by Miss. Pooja Ambikaprasad Yadao 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, VidyaBharati 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.

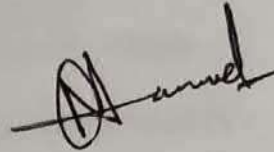
HOD

**Dr. V. R. Deshmukh**

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

Date: 30/05/2015

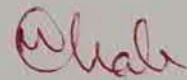
Place: Amravati



Supervisor

**Mr. P. G. Bansod**

Assistant Professor,  
Department of Botany,  
Amravati.



**Signature of Examiner**

Dissertation on

**PHARMACOGNOSTIC INVESTIGATION ON  
*HOLARRHAENA PUBESCENS***

Submitted to

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2014-2015)

By

Miss. Christina .G. Michael

Under the Supervision of

Prof. P. V. Pulate

Assistant Professor,

Department of Botany,

Vidya Bharati Mahavidyalaya, Amravati.



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAYATI.**

**(NAAC Reaccredited with Grade "A")**

**College with Potential for Excellence (CPE) Status by UGC**



*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 “ **Pharmacognostic investigation on *Holarrhaena pubescens***” submitted by **Miss. Christina .G. Michael** 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, Vidya Bharati Mahavidyalaya, Amravati.

HOD

**Dr. V. R. Deshmukh**

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

Supervisor

**Mr. P. V. Pulate**

Assistant Professor,  
Department of Botany,  
VBMV, Amravati.

Date: 24/5/2015

Place: Amravati

**Signature of Examiner**



**“Occurrence and distribution of Arbuscular  
Mycorrhiza in *Citrus* (Limon) (Lemon) from  
Amravati region”**

**DESSERTATION**

Submitted in partial fulfillment for the degree of  
Master of Science in botany  
(2014-2015)



*SUBMITTED BY*

**Miss. Rupali S. Bambole**  
M.Sc. II<sup>nd</sup> Sem. IV

*SUPERVISOR*

**MISS.LUBNA P. KHALID**  
**Lecturer**  
**Department of Botany**  
**Vidyabharati Mahavidyalaya, Amravati**  
**2014-2015**

## ACKNOWLEDGEMENT

I hereby declare that the dissertation entitled, "**Occurrence and distribution of Arbuscular Mycorrhiza in *Citrus limon* (Lemon) from Amravati region**", submitted by Miss. Rupali S. bambole partial fulfilment of M.Sc Botany, Vidyabharati Mahavidyalaya, Amravati, under the guidance and supervision of Miss.Lubna P. Khalid Lecturer in P.G. Department of Botany Vidyabharati Mahavidyalaya, Amravati. We further declare that this dissertation work of any part of this has not been previous submitted for and degree in any other university.

**Date:** - 10 /4 /2015

**Place:** - Amravati

*R. Bambole*

Miss. Rupali S. Bambole

M.Sc. II<sup>nd</sup> Sem. IV

FROM BHANDARA DISTRICT (MAHARASHTRA)  
PHYCOCYANIN & PHYCOERYTHRIN



SUBMITTED TO

DEPARTMENT OF BOTANY  
VIDYABHARATI MAHAVIDYALAYA,  
AMRAVATI.

AS A PART OF CURRICULUM FOR THE  
MASTER OF SCIENCE IN BOTANY  
(2015 - 2016)

SUBMITTED BY

MISS. SHWETA JAYPRAKASH MULEY

UNDER THE GUIDANCE OF  
ASSISTANT PROFESSOR

MR. P.G.BANSOD

DEPARTMENT OF BOTANY  
VIDYABHARATI MAHAVIDYALAYA  
AMRAVATI.



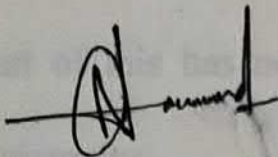
# Certificate

## DECLARATION

This is to certify that, the project work entitled **“Physiological Analysis of Nostoc species collected from Bhandara district (Maharashtra) Phycoyanin & phycoerythrin** Submitted by **MISS. SHWETA J. MULEY** as a partial fulfillment of M.Sc. Botany has been carried out satisfactorily by them at the Department of Botany, Vidya bharti Mahavidyalaya Amaravati under the Guidance & supervision of **Mr.P.G.Bansod** Assistant Professor, Department of Botany Vidya bharti Mahavidyalaya, Amaravati.

Date: 31/05/15

Place: Amaravati



**Mr. P. G. Bansod**

ASSISTANT PROFESSOR  
DEPT. OF BOTANY  
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**Dr. V. R. Deshmukh**

HEAD  
DEPT. OF BOTANY  
V.B.M.V. AMARAVATI

*Shweta*  
31/05/15  
Examinee

MISS. SHWETA J. MULEY

# **“INDIAN CULTURE”**

A

PROJECT REPORT

Submitted by,

**Abhilash P. Chavan**

**Arti Madhukar Hatwar**

**Ashish Ashok Gadling**

Under the guidance of

**Prof. Ather Iqbal**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2014-2015**

## CERTIFICATE

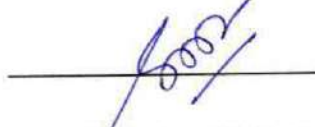
This is to certify that **Abhilash P. Chavan, Arti Madhukar Hatwar, & Ashish Ashok Gadling** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "INDIAN CULTURE".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



**Prof. Ather Iqbal**

**(Guided by)**



**Prof. Ather Iqbal**

**(Head of Department)**



**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015**



# **“PUZZEL GAME”**

A

PROJECT REPORT

Submitted by,

**BushraAnjum Ab. Aziz Rizwi**

**Chetna Subhashrao Dighate**

**Darshan Ashokrao Bundele**

Under the guidance of

**Prof. S. B. Sarvaiya**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (C.A)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

## CERTIFICATE

This is to certify **BushraAnjum Ab. Aziz Rizwi, Chetna S. Dighate , & Darshan Ashokrao Bundele** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled **“PUZZEL GAME”**.

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.

  
\_\_\_\_\_

**Prof. S. B. Sarvaiya**  
(Guided by)

  
\_\_\_\_\_

**Prof. Ather Iqbal**  
(Head of Department)

  
\_\_\_\_\_

**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2014-2015**

# **“SUPER MARKET MANAGEMENT”**

A

PROJECT REPORT

Submitted by,

**DhanashriBalkrushnaPakhan**

**DharatiKharbade**

**Dharmesh Haribhau Sahu**

Under the guidance of

**Prof. D. M. Kene**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**



## CERTIFICATE

This is to certify **Dhanashri Balkrushna Pakhan, Dharati Kharbade, & Dharmesh Haribhau Sahu** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled **“SUPER MARKET MANAGEMENT”**.

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.

  
\_\_\_\_\_

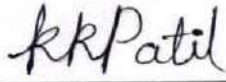
**Prof. D. M. Kene**

(Guided by)

  
\_\_\_\_\_

**Prof. Ather Iqbal**

(Head of Department)

  
\_\_\_\_\_

**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2014-2015**

# **“SEVEN WONDERS”**

A

PROJECT REPORT

Submitted by,

**Harsha Deepakrao Ghore**

**Karansing Shyamsing Thakur**

**Komal Ravindra Gupta**

Under the guidance of

**Prof. S. M. Mohod**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

## CERTIFICATE

This is to certify that **Harsha Deepakrao Ghore, Karansing Shyamsing Thakur, & Komal Ravindra Gupta** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled **"SEVEN WONDERS"**.

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



**Prof. S. M. Mohod**

(Guided by)



**Prof. Ather Iqbal**

(Head of Department)



**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015**



# **“BILLING SYSTEM FOR SHOP”**

A

PROJECT REPORT

Submitted by,

**Komal Vinod Borkhade**

**Poonam Ramkrushna Chikhalkar**

**Manjiri Nareshrao Palarpawar**

Under the guidance of

**Prof. Ather Iqbal**

In partial fulfillment of the award of degree of

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**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**




Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**


## CERTIFICATE

This is to certify that **Komal Vinod Borkhade, Poonam Ramkrushna Chikhalkar, & Manjiri Nareshrao Palarpawar** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "**BILLING SYSTEM FOR SHOP**".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.

  
Prof. Ather Iqbal

(Guided by)

  
Prof. Ather Iqbal

(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015

# **“SHOPPING HUB”**

A

PROJECT REPORT

Submitted by,

**Nikhil Bhaurao Jadhao**

**Nomika Malviya**

**Padmakar Ramesh Kudale**

Under the guidance of

**Prof. S. B. Sarvaiya**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (C.A.)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

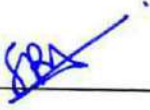
**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**



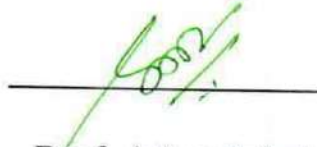
## CERTIFICATE

This is to certify that **Nikhil Bhauroo Jadhao, Nomika Malviya, & Padmakar Ramesh Kudale** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled **“SHOPPING HUB”**.

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



**Prof. S. B. Sarvaiya**  
(Guided by)



**Prof. Ather Iqbal**  
(Head of Department)



**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2014-2015**

# **“MAGIC OF LODO GAME”**

A

PROJECT REPORT

Submitted by,

**Pallavi Chandure**

**Pritam Pandurang Kaware**

**Priti Rajendrakumar Varma**

Under the guidance of

**Prof. D. M. Kene**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**




Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

## CERTIFICATE

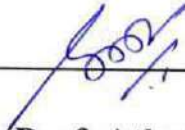
This is to certify that **Pallavi Chandure, Pritam Pandurang Kaware, Priti Rajendrakumar Varma** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled **“MAGIC OF LODO GAME”**.

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



**Prof. D. M. Kene**

(Guided by)



**Prof. Ather Iqbal**

(Head of Department)



**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2014-2015**



# **“ACCOUNT MAINTAINANCE”**

A

PROJECT REPORT

Submitted by,

**Priyadarshani Vishnu Kalsarpe**

**SalehaTabassum Mohd Yunus**

**SampadaVinod Umap**

Under the guidance of

**Prof. S. M. Mohod**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

## CERTIFICATE

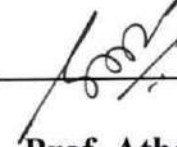
This is to certify that Priyadarshani Vishnu Kalsarpe, SalehaTabassum Mohd Yunus, & SampadaVinod Umap of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "ACCOUNT MAINTAINANCE".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



Prof. S. M. Mohod

(Guided by)



Prof. Ather Iqbal

(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015

# **“WEDDING HALL MANAGEMENT”**

A

PROJECT REPORT

Submitted by,

**Saniya Sadaf Shaukat Ali  
Shruti Pundlik Kadu  
Shubham Gangadharrao Kale**

Under the guidance of

**Prof. Ather Iqbal**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY  
2014-2015**



## CERTIFICATE

This is to certify Saniya Sadaf Shaukat Ali, Shruti Pundlik Kadu, & Shubham Gangadharrao Kale of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "WEDDING HALL MANAGEMENT".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.



Prof. Ather Iqbal  
(Guided by)



Prof. Ather Iqbal  
(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015

# **“E-WASTE SYSTEM”**

A

PROJECT REPORT

Submitted by,

**Snehal Prakashrao Ambadkar**

**Supriya Narayan Patil**

**Sushant V. Sakhare**

Under the guidance of

**Prof. S. B. Sarvaiya**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPA)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**




Affiliated to


**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

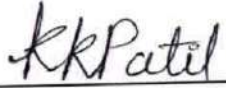
## CERTIFICATE

This is to certify that Snehal Prakashrao Ambadkar, Supriya Narayan Patil, Sushant V. Sakhare of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "E-WASTE SYSTEM".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.

  
\_\_\_\_\_  
Prof. S. B. Sarvaiya  
(Guided by)

  
\_\_\_\_\_  
Prof. Ather Iqbal  
(Head of Department)

  
\_\_\_\_\_  
External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2014-2015



# **“HOSTEL MANAGEMENT SYSTEM”**

A

PROJECT REPORT

Submitted by,

**Urvashi Anilsing Thakur**

**UzmaTaaz Abdul Majeed**

Under the guidance of

**Prof. D.M. Kene**

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION (CPV)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2014-2015**

## CERTIFICATE


This is to certify **Urvashi Anilsing Thakur & Uzma Taaz Abdul Majeed** of class B. Sc III year (CPV) has worked under my guidance to prepare this project report entitled "**HOSTEL MANAGEMENT SYSTEM**".

This work embodied in this is original and was at Department of Computer Science, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award of any other Degree/Diploma.

  
\_\_\_\_\_

**Prof. D. M. Kene**

(Guided by)

  
\_\_\_\_\_

**Prof. Ather Iqbal**

(Head of Department)

  
\_\_\_\_\_

**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2014-2015**

## Certificate

It is certified that the project work of **Mr. Irfan Ahmad Parray** entitled "*Assessment of biochemical changes and RNA:DNA Ratio in Rasbora daniconius with respect to Azolla pinnata as a fish meal.*" had been performed under the supervision of Myself 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: 16/04/2015



A handwritten signature in black ink, appearing to read "S.R. Akarte".

Dr .S.R. Akarte

Head & Associate Professor

P.G. Department of Zoology

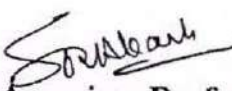
Vidya Bharti Mahavidyalaya,  
Amravati

A handwritten signature in black ink, appearing to read "Irfan Ahmad Parray", with the date "06/06/2015" written below it.



## CERTIFICATE

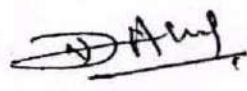
It is certified that the project work of **Mr. Irshad Aziz Malik** entitled "**Phenotypic effect of Clove, Garlic and Ginger extracts on different developmental stages of *Drosophila melanogaster***" had been performed under the supervision of **Dr. Y. D. Akhare** in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

  
Head & Associate Professor

**Dr. S. R. Akarte**

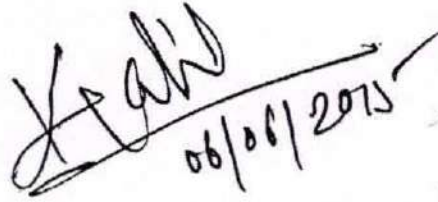
P.G. Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati.



  
Supervisor & Assistant Professor

**Dr. Y. D. Akhare**

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

  
Place: Amravati

Date: 20/04/2015

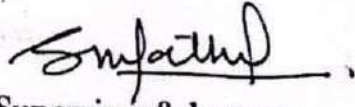
**CERTIFICATE**

It is certified that the project work of **Mr. Javeed ahmad** paray entitled "*Impact of garlic on protein level of fresh water fish Channa punctatus*" had been performed under the supervision of **Mr. S. H. Rathod** 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.

  
Head & Associate Professor

**Dr. S. R. Akarte**

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

  
Supervisor & lecturer

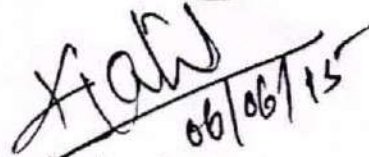
**Mr. S. H. Rathod**

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



Place: Amravati

Date: 16/ 04 /2015

  
06/06/15



# CERTIFICATE

*It is certified that the project work Ms. Akansha J Malviya entitled "Physiochemical assessment of water from Daryapur region " had been perform under the supervision of Dr. N. R. Thorat in he laboratory of P.G. Department of zoology , Vidya Bharati Mahavidyalaya , Amravati for fulfillment of the Degree in Master of Science in zoology of Sant Gadage Baba Amravati university , Amravati .*

*S.R. Akarte*

Dr. S.R. Akarte  
Head & Associate professor  
P.G. Department of Zoology  
Vidya Bharati Mahavidyalaya  
Amravati .



*N. R. Thorat*

Dr. N. R. Thorat  
Assistant professor  
P.G. Department of Zoology  
Vidya Bharati Mahavidyalaya  
Amravati.

Date : 20/04/2015  
Place : Amf.

2014-2015



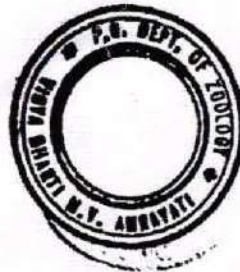
## Certificate

It is certified that the project work of Ms. Bhavana O. Gawande entitled "Evolution of drinking water of Daryapur region" had been performed under the supervision of Dr. N. R. Thorat sir, 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: 16/04/2015**

१२/११/२१  
०४/०६/२०१५



**Dr. N. R Thorat sir**

**Supervisor**

**H.O.D**

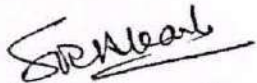
**Dr. S.R. Akarte**

**Declaration**

---

**CERTIFICATE**

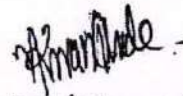
It is certified that the project work of **Ms. Chaitali R. Solanke** entitled  
“**Effect of deltamethrin on blood parameters of freshwater fish**  
**Channa striatus** had been performed under the supervision of myself  
in the laboratory of P. G. Department of Zoology, Vidya Bharti  
Mahavidyalaya, Amravati for fulfillment of the degree in Master of  
Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Head & Associate professor

**Dr. S.R. Akarte**

P.G. Department of zoology ,  
Vidyabharati mahavidyalaya ,  
Amravati.



Associate professor

**Dr. V.T. Tantarale**

P.G. Department of zoology ,  
Vidyabharati mahavidyalaya ,  
Amravati.



Place: Amravati

Date: 15/04/2015



**“MICROBIAL ACTIVITY IN SALIVA SAMPLES OF TRIBAL  
PEOPLE”**



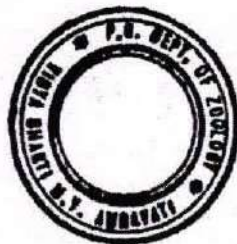
**2014-2015**

**Certificate**

This is certified that the project work of **Miss. Namrata Jumale** entitled **“MICROBIAL ACTIVITY IN SALIVA SAMPLES OF TRIBAL PEOPLE”** had been performed under the supervision of **Dr R. B. BAHADURE**, Incharge M.Sc. II 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 / 2015**



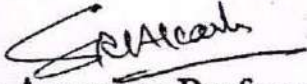
**Dr .S.R. Akarte**

Head & Associate Professor  
P.G. Department of Zoology  
Vidya Bharti Mahavidyalaya,  
**Amravati**



## CERTIFICATE

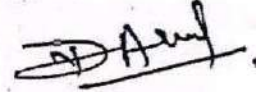
It is certified that the project work of **Ku. Pratiksha K. Chouhan** entitled "**Phenotypic effect of turmeric and pepper extracts on different developmental stages of *Drosophila melanogaster***" had been performed under the supervision of **Dr. Y. D. Akhare** in the laboratory of P. G. Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Head & Associate Professor

**Dr. S. R. Akarte**

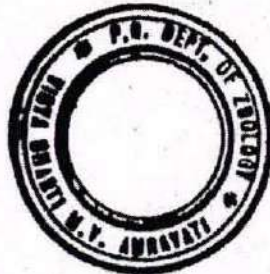
P.G. Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati.



Supervisor & Assistant Professor

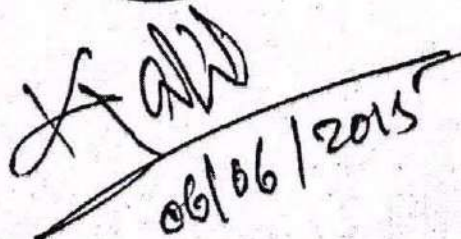
**Dr. Y. D. Akhare**

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



Place: Amravati

Date: 20/04/2015



06/06/2015



## Certificate

It is certified that the project work of Miss Sneha Anant Joshi entitled "*physico - chemical assessment of water from different regions of Yavatmal city.*" had been performed under the supervision of Dr. N. R. Thorat in the laboratory of P.G.Department of Zoology, Vidyabharti Mahavidyalaya Amravati, for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place:- Amravati

Date: 18 / 04 / 2015

92/21/217  
04/06/2015.  
Supervisor

Dr. N. R. Thorat



*S.R. Akarte*  
H.O.D  
Dr. S.R. Akarte  
P. G. Department of Zoo  
Vidyabharti Mahavidyalaya  
Amravati.

**CERTIFICATE**

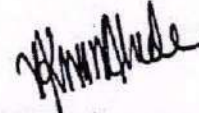
It is certified that the project work of **Ms.Vaishnavi R. Gulhane** entitled "**Histological Modulations Observed in Intestine and Gill of Freshwater Fish *Channa striatus* exposed to Deltamethrin.**" had been performed under the supervision of myself in the laboratory of P. G. Department of Zoology, Vidya Bharti Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Head & Associate professor

**Dr.S.R.Akarte**

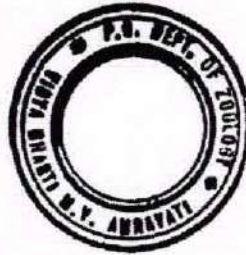
P.G.Department of zoology ,  
Vidyabharati mahavidyalaya ,  
Amravati.



Associate professor

**Dr .V.T.Tantarale**

P.G.Department of zoology ,  
Vidyabharati mahavidyalaya ,  
Amravati.



Place: Amravati.

Date: 15/04/2015





## Certificate

It is certified that the project work of Mr. Nazir Ahmad Dar entitled "*physico - chemical assessment of water from different regions of Amravaty city*" had been performed under the supervision of Dr. N. R. Thorat in the laboratory of P.G. Department of Zoology, Vidyabharti Mahavidyalaya Amravati, for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

**Place:- Amravati**

**Date: 18/04/2015**

02/27/217  
04/06/2015  
Supervisor

**Dr. N. R. Thorat**



*S.R. Akarte*

**H.O.D**

**Dr. S.R. Akarte**  
P.G. Department of Zoology  
Vidyabharti Mahavidyalaya  
Amravati.

## Certificate

It is certified that the project work of Mr. Nilesh Uttam Shirbhau entitled "*Effect of Azolla pinnata on fresh water fish Rasbora daniconius with respect to mineral contents*" had been performed under the supervision of myself in the laboratory of P.G.Department of Zoology, Vidyabharti Mahavidyalaya Amravati, for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

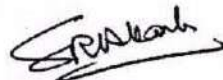
Place:- Amravati

Date: 16/04/2015



Supervisor

  
Dr.S.R Akarte

  
H.O.D

Dr. S.R. Akarte

Dep. of Zoology  
Vidyabharti M.V.  
Amravati



**"AGE CORRELATED STUDY OF DNA, RNA AND PROTEIN  
CONCENTRATION IN HUMAN SALIVA"**



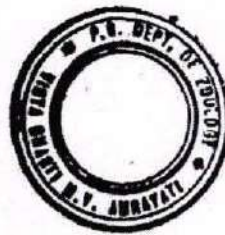
2014-2015

**Certificate**

It is certified that the project work of Mr. **Rouf Ahmad Bhat** entitled "Age correlated study of DNA, RNA and Protein concentration in human saliva" had been performed under the supervision of Dr R. B. BAHADURE, Incharge M.Sc. II 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 / 2015**



**Dr .S.R. Akarte**

Head & Associate Professor  
P.G. Department of Zoology  
Vidya Bharti Mahavidyalaya, Amravati



**DETERMINATION OF PROTON -LIGAND STABILITY CONSTANT  
AND METAL- LIGAND STABILITY CONSTANT OF  
ETHYL-1,5-BIS(4-CHLOROPHENYL)-2-METHYL-1H-PYRROLE-3-  
CARBOXYLIC ACID**

**PROJECT**

*Submitted to*

Sant Gadge Baba Amravati University, Amravati

For the partial fulfillment of Degree of

**MASTER OF SCIENCE**

In

**CHEMISTRY**

By

**Miss. Pallavi D. Daydar**

*Project Guide*

**Dr. D.T. Mahajan**

*M.Sc. Ph.D.*

*Head of Department*



*Handwritten signature and date: 18/6/15*

**Department of Chemistry**

**VidyaBharati Mahavidyalay, Amravati (M.S.)**

**2014-2015**

PREPARATION OF DIFFERENT TYPES OF SHAMPOO  
AND THEIR COMPARISON WITH MARKETED  
PRODUCTS

**PROJECT**

Submitted to

SANT GADGE BABA AMRAVATI UNIVERSITY FOR THE  
PARTIAL FULFILLMENT OF DEGREE

MASTER OF SCIENCE  
(CHEMISTRY)

Mr. Mohammad navaid

BY

PROJECT GUIDE

**MR. V. H. MASAND**

M.Sc., B.Ed, SET



Department of chemistry  
Vidya Bharti Mahavidyalaya, Amravati (MS)  
2014-2015

*Ravindra*  
*(Dr. R. G. Deshmukh)*  
*16/6/15*

# Certificate

This is to certify that this project work was conducted by Mr. Mohammad Navaid in the department of chemistry, Vidya Bharati Mahavidyalaya, Amravati, during the session 2014-15, under the supervision of Mr. V. H. Masand. The work has been never submitted to any other institute for award of any degree or diploma.

Date :

Place : Amravati



Head  
Head, Deptt. of Chemistry  
Vidya Bharati Mahavidyalaya,  
Dept. of chemistry  
AMRAVATI - 434002

Vidya Bharti Mahavidyalaya  
Amravati



PREPARATON OF DIFFERENT TYPES OF SOAPS  
AND THEIR COMPARISON WITH MARKET PRODUCTS

PROJECT

Submitted to

SANT GADGE BABA AMRAVATI UNIVERSITY FOR  
THE PARTIAL FULFILLMENT OF DEGREE

MASTER OF SCIENCE

(CHEMISTRY)

BY

Mr. Syed Aslam Raza

PROJECT GUIDE

**Mr. V. H. Masand**

M.Sc., B.Ed, SET



*Raza*  
*(Dr. R. G. Deshmukh)*  
*16/6/15*

Department of chemistry

Vidya Bharti Mahavidyalaya, Amravati (M.S)

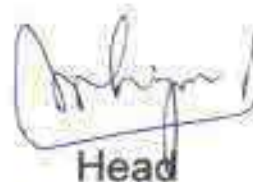
2014-2015

## CERTIFICATE

This is to certify that this project work was conducted by Mr. Syed Aslam Raza in the department of chemistry Vidya Bharati Mahavidyalaya, Amravati, during the session 2014-15 under the guidance of Mr. V. H. Masand. The work has been never submitted any other institute for award of any degree or diploma.

Date : 15/6/2015

Place : Amravati



Head

Dept. of chemistry

Vidya Bharti Mahavidyalaya

Head, Deptt. of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAYATI - 444802

PREPARATION AND COMPARITIVE STUDY OF IN LAB  
AND COMMERCIAL TOOTHPASTE

PROJECT

Submitted to

SANT GADGE BABA AMRAVATI UNIVERSITY

FOR THE PARTIAL FULFILLMENT OF DEGREE

MASTER OF SCIENCE

IN

CHEMISTRY

By

Mr. Syed Saad Anwar

PROJECT GUIDE

Mr. V. H. Masand

M.Sc., B.Ed., SET



DEPARTMENT OF CHEMISTRY

VIDYA BHARATI MAHA VIDYALAYA AMRAVATI (M.S.)

2014-2015

*Rank  
Dr. R. G. (Amukhi)  
16/15/15*



## CERTIFICATE

This is to certify that this project work was conducted by Mr. Syed Saad Anwar in the department of chemistry, Vidya Bharati Mahavidyalaya, Amravati, during the session 2014-15 under the guidance of Mr. V. H. Masand. The work has been never submitted any other institute for award of any degree or diploma.

Date : 15/6/15

Place : Amravati



Head

Dept. of chemistry

Vidya Bharti Mahavidyalaya

Head, Deptt. of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAYATI - 444602

*Synthesis, Characterization and Antibacterial Activity of Newly  
Synthesized 3-benzoyl-2-(prop-1-enyl)-6-chlorochromanone  
and 3-benzoyl-2-(4'-chlorophenyl)-6-chloroflavanone*

**A project submitted**

**to**

*Sant Gadge Baba Amravati University, Amravati*

**For the partial fulfilment of the degree of**

*Master of Science in Chemistry*

**... Submitted by ...**

*Ms. Samiksha R. Rajgure*



**... Supervisor ...**

*Dr. P. R. Rajput*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**

**Dr. P.R. Rajput**

(M.Sc., M.Phil., Ph.D., LL.B)

Associate professor,

Department of Chemistry,

Vidya Bharati Mahavidyalaya,

Amravati.

## Certificate

This is to certify that the piece of work incorporated in the project entitled *Synthesis, Characterization and Antibacterial Activity of Newly Synthesized 3-benzoyl-2-(prop-1-enyl)-6-chlorochromanone and 3-benzoyl-2-(4'-chloro phenyl)-6-chloroflavanone* is the bonafide research work carried out by **Ms. Samiksha R. Rajgure** under my guidance and supervision in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and This work has not been submitted elsewhere for award of any diploma or degree.

Place : Amravati

Date : 13.06.2015

**Dr. P.R. Rajput**

Supervisor

Associate professor,

Department of Chemistry

Vidya Bharati Mahavidyalaya

Amravati

Camp-Amravati (M.S.), India 444602

**Dr. D.T. Mahajan**

Head

Department of Chemistry

Vidya Bharati Mahavidyalaya

Amravati



**Synthesis, Characterization and Antibacterial Activity of Newly  
Synthesized 3-benzoyl-2-(prop-1-enyl)-6-chlorochromanone  
and 3-benzoyl-2-(3'-nitrophenyl)-6-chloroflavanone**

**A project submitted**

**to**

*Sant Gadge Baba Amravati University, Amravati*

**For the partial fulfilment of the degree of**

*Master of Science in Chemistry*

**... Submitted by ...**

*Ms. Rajeshri D. Dashmukhi*



**... Supervisor ...**

*Dr. P. R. Rajput*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**

**Dr. P.R. Rajput**

(M.Sc., M.Phil., Ph.D., LL.B)  
Associate professor,  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

Certificate

This is to certify that the piece of work incorporated in the project entitled *Synthesis, Characterization and Antibacterial Activity of Newly Synthesized 3-benzoyl-2-(prop-1-enyl)-6-chlorochromanone and 3-benzoyl-2-(3'-nitrophenyl)-6-chloroflavanone* is the bonafide research work carried out by **Ms. Rajeshri D. Deshmukh** under my guidance and supervision in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and This work has not been submitted elsewhere for award of any diploma or degree.

Place : Amravati

Date : 13.06.2015



**Dr. P.R. Rajput**

Supervisor

Associate professor,

Department of Chemistry

Vidya Bharati Mahavidyalaya,  
Camp-Amravati, (M.S.), India 444602

**Dr. D.T. Mahajan**

Head

Department of Chemistry

Vidya Bharati Mahavidyalaya

Amravati

Head, Deptt of Chemistry

Vidya Bharati Mahavidyalaya,

AMRAYATI - 444602

**Method validation and resolution of tautomers of  
2(4-bromobenzylidene)cyclohexan-1-one  
by RP-HPLC**

Project

Submitted to

**Sant Gadge Baba Amravati University, Amravati**

For the partial fulfillment of degree of

**Master of Science In CHEMISTRY**

BY

**Mr. ASHISH N. SHELKI**



Supervisor

**Dr. P. R. Solanki**

Associate Professor

Department of Chemistry

**Vidya Bharati Mahavidyalaya Amravati ( M.S.)**

2014-2015



## Certificate

This is to certify that this project work has been completed by Mr. Ashish N. Shelki, under the supervision of Dr. P. R. Solanki, in Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, during the academic year 2014-2015.



( Dr. D.T. Mahajan )

Head, Deptt of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAVATI - 444602

Head

Date: 13/06/2015

Department of Chemistry

**Synthesis and Characterization of Some Newly  
Synthesized Pyrazolines and Their Antibacterial Activity**

**A project submitted**

**to**

**Sant Gadge Baba Amravati University, Amravati**

**For the partial fulfilment of the degree of**

**Master of Science in Chemistry**

**Submitted by**

**Ms. Mamata A. Chaudhari**



**Supervisor**

**Dr. V. V. Parhate**

**M.Sc. M.Phil., Ph.D.**

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**

**Dr. V.V. Parhate**

(M.Sc., M.Phil., Ph.D.)  
Associate professor,  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

### Certificate

This is to certify that the piece of work incorporated in the project entitled *Synthesis and Characterization of Some Newly Synthesized Pyrazolines and Their Antibacterial Activity* is the bonafide research work carried out by **Ms. Mamata A. Chaudhari** under my guidance and supervision in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and This work has not been submitted elsewhere for award of any diploma or degree.

Place : Amravati

Date : 13/6/2015

*V.V. Parhate*  
**Dr. V.V. Parhate**

Supervisor  
Associate professor,  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

**Dr. D.T. Mahajan**

Head  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.  
Head, Deptt of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAVATI - 444602



**" Synthesis and Biological effect of substituted  
1,3-Propanedione "**

A project submitted to

Department of chemistry

Vidya Bharti Mahavidyalaya , Amravati and  
Sant Gadge Baba Amravati University , Amravati.

For the Degree of

**MASTER OF SCIENCE**

Guided By

**Dr. PRAVIN S.BODKHE**

Submitted by

Miss. Saima Ab.Sadique

M.Sc II ( IV Semester ) 2014-2015



**P. G. Department of Chemistry**

**VidyaBharti Mahavidyalaya, Amravati.**

**2014-2015**



Department of Chemistry  
VidyaBharti Mahavidyalaya, Amravati.

## CERTIFICATE

This is to certify that this project work has completed by Miss. Saima Ab. Sadique under the supervision of Dr. P.S.Bodkhe in post graduate of Chemistry, Vidyabharti Mahavidyalaya, Amravati, During the academic year 2014-2015

Date : 13-06-2015

Place: Amravati

*Saima Ab. Sadique*

*P.S. Bodkhe*  
13-06-2015

Dr. D.T. Mahajan

Head, Department of Chemistry  
Vidya Bharti Mahavidyalaya,  
AMRAVATI - 444603

P.G. Department of Chemistry

Vidyabharti Mahavidyalaya,

Amravati.

**" Synthesis and Biological effect of substituted  
1,3-Propandione "**

**A project submitted to**

**Department of chemistry**

**VidyaBharti Mahavidyalaya , Amravati and  
Sant Gadge Baba Amravati University, Amravati.**

**For the Degree of**

**MASTER OF SCIENCE**

**Guided By**

**Dr. PRAVIN S. BODKHE**

**Submitted by**

**MISS. SAMRUDDHI H. JAGTAP**

**M.Sc II ( IV Semester )**



**P. G. Department of Chemistry**

**VidyaBharti Mahavidyalaya, Amravati.**

**2014-2015**





Department of Chemistry  
Vidya Bharti Mahavidyalaya ,Amravati

## CERTIFICATE

This is to certify that this project work has completed by Miss . Samruddhi H. Jagtap under the supervision of Dr. P. S. Bodkhe in post graduate of Chemistry, Vidyabharti Mahavidyalaya, Amravati. During the academic year 2014–2015.

Date: 13-06-2015

Place: Amravati

**Dr. D.T. Mahajan**

Head, Dept. of Chemistry  
Vidya Bharti Mahavidyalaya,  
AMRAVATI - 444602

P.G. Department of Chemistry

Vidyabharti Mahavidyalaya,

Amravati.

Examined

Asst. Prof.

16.06.2015

## CERTIFICATE

This is to certify that this project work has been completed by Miss. Pallavi D. Daydar, under the supervision of Dr. D.T. Mahajan, Head of the Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2014-2015. I wish him every success in his life.

Date :

Place : Amravati



Dr. D.T. Mahajan  
Head, Deptt of Chemistry  
Vidya Bharati Mahavidyalaya, Guide  
AMRAVATI - 444802  
Department of Chemistry  
Vidyabharati Mahavidyalaya  
Amravati.

**DETERMINATION OF PROTON -LIGAND STABILITY  
CONSTANT AND METAL- LIGAND STABILITY CONSTANT OF  
4- (5- | (E) - (3- CHLOROBENZYLIDENE) AMINO | - 1, 3, 4 -  
THIADIAZOL - 2 -YI | -PHENOL**

**PROJECT**

*Submitted to*

Sant Gadge Baba Amravati University, Amravati

For the partial fulfillment of Degree of

**MASTER OF SCIENCE**

In

**CHEMISTRY**

By

**Mr. Amit D. Kale**

*Project Guide*

**Dr. D.T. Mahajan**

*M.Sc. Ph.D.*

*Head of Department*



*AK*  
*16.6.15*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya Amravati (M.S.)**

**2014-2015**



## CERTIFICATE

This is to certify that this project work has been completed by Mr. Amit D. Kale, under the supervision of Dr. D.T. Mahajan, Head of the Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2014-2015. I wish him every success in his life.

Date : 15<sup>th</sup> Jun 2015

Place : Amravati



**Dr. D.T. Mahajan**

Head and Project Guide  
Head, Deptt of Chemistry  
Vidyabharati Mahavidyalaya,  
Department of Chemistry  
AMRAVATI - 444804  
Vidyabharati Mahavidyalaya  
Amravati.

**DETERMINATION OF PROTON -LIGAND STABILITY  
CONSTANT AND METAL- LIGAND STABILITY CONSTANT OF  
2- (5- [ (E) - (3- CHLOROBENZYLIDENE) AMINO ] - 1, 3, 4 -  
THIADIAZOL - 2 -YL )-PHENOL**

**PROJECT**

*Submitted to*

Sant Gadge Baba Amravati University, Amravati

For the partial fulfillment of Degree of

**MASTER OF SCIENCE**

**In**

**CHEMISTRY**

By

**Mr. Amol W. Pokale**

*Project Guide*

**Dr. D.T. Mahajan**

*M.Sc. Ph.D.*

*Head of Department*



*Handwritten signature and date: 16-6-15*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya Amravati (M.S.)**

**2014-2015**

**CERTIFICATE**

This is to certify that this project work has been completed by Mr. Amol W. Pokale, under the supervision of Dr. D.T. Mahajan, Head of the Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2014-2015. I wish him every success in his life.

Date : 13/06/2015

Place : Amravati



**Dr. D.T. Mahajan**

Head and Project Guide  
Vidyabharati Mahavidyalaya  
Department of Chemistry  
Amravati  
Vidyabharati Mahavidyalaya  
Amravati.



**STUDIES IN METAL LIGAND STABILITY CONSTANT  
OF  $Cd(II)$  METAL ION COMPLEX WITH CHALCONE  
AT 0.1M IONIC STRENGTH PH METRICALLY**

*A Project Submitted To*

**SANTA GADGE BABA AMRAVATI UNIVERSITY FOR THE  
PARTIAL FULFIMENT OF DEGREE**

*For the Degree of*  
**MASTER OF SCIENCE**

*Submitted By*  
**MISS. SNEHAL D. JARE**  
M.Sc. Final Year, 2014-2015

*Guided By*  
**Dr. M.M.RATHORE (MAURYA)**  
M.Sc., Ph.D.



*Snehal D. Jare*  
18.6.15

P. G. Department of chemistry,  
Vidya Bharti Mahavidyalaya,  
Amravati 2014-2015

## CERTIFICATE

*This is to certify that this project work has been completed by Miss.Snehal D.Jare, under the supervision of Dr.M.M.Rathore (Moury), in Post-Graduat Department of Chemistry, Vidya Bharti Mahavidyalaya, Amravati during the academic year 2014-2015. I wish her every success in her life.*

Date: 15/06/2015

Place: Amravati



Dr. D. T. Mahajan  
Head, Department of  
Chemistry,

Vidya Bharti Mahavidyalaya  
Amravati 2014- 2015

**STUDIES IN METAL LEGAND  
STABILITYCANSTANT OF METAL ION COMPLEX  
WITHCHALCONE AT 0.1M IONIC STRENGTH pH -  
METRICALLY**

**PROJECT**

Submitted to

**SANT GADGE BABA AMRAVATI UNIVERSITY  
FOR THE PARTIAL FULFILLMENT OF DEGREE**

**MASTER OF SCIENCE**

**IN**

**CHEMISTRY**

**By**

**Mr. Tauheed Nadeem**

**PROJECT GUIDE**

**Dr. M.M. RATHORE (MAURYA)**

**M.Sc,Ph.D**

  
18-5-14



**DEPARTMENT OF CHEMISTRY**

**VIDYA BHARATIMAHAVIDYALAYA AMRAVATI (M.S)**

**2014-2015**



## CERTIFICATE

This is to certify that this project work was conducted by Mr. Tauheed Nadeem in the department of chemistry Vidya Bharati Mahavidyalaya, Amravati, during the session 2014-15 under the guidance of Dr. M.M. Rathore (Maurya). The work has been never submitted by any other institute for award of any degree or diploma.

Date : 15/06/15

Place : Amravati

Head

Head, Deptt. of Chemistry  
Vidya Bharati Mahavidyalaya  
AMRAVATI - 444602

Vidya Bharti Mahavidyalaya

**ESTIMATION AND FORCED DEGRADATION STUDY OF  
THIAZOLE DERIVATIVE BY HPLC TECHNIQUE**

**PROJECT**

submitted to

SantGadge Baba Amravati University, Amravati, Maharashtra.

For partial fulfillment of degree of

**MASTER OF SCIENCE**

in

**CHEMISTRY**



By

**Dinkar B.Kamkhede**

**Project Guide**

**Dr. P.R.Solanki**

Associate Professor

Department of Chemistry,  
Vidyabharati Mahavidyalaya  
C.K. Naidu Road, Camp Amravati,  
Maharashtra.  
2014-2015

## CERTIFICATE BY THE H.O.D.

This is to certify that the Project "Estimation and Forced Degradation Study of Thiazole Derivative by HPLC Technique" is Completed by Mr. Dinkar B. Kamkhede Under the Supervision of Dr.P.R.Solanki, Associate Professor, Department of Chemistry, Vidya Bharti Mahavidyalaya, Amravati, Maharashtra, during the academic year 2013-2014.



Dr. D. T. Mahajan

Head of Department of  
Chemistry.

Vidyabharti Mahavidyalaya,

Head, Dept. of Chemistry  
Vidya Bharti Mahavidyalaya,  
AMRAVATI - 444802

Date: 10/07/2014

Place: Amravati



# ESTIMATION OF DICLOFENAC FROM ENVIRONMENTAL WATER SOURCES BY HPLC TECHNIQUE

Project

Submitted to

**Sant Gadge Baba Amravati University, Amravati**

for the partial fulfillment of degree of

**Master of Science in CHEMISTRY**

By

**Miss. Komal D. Piprade**



supervisor

**Dr. P. R. Solanki**

Associate Professor

Department of Chemistry

**VidyaBharati Mahavidyalaya, Amravati (M.S.)**

2014-2015

*Ravish*  
*Dr. P. R. Solanki*  
*16/6/15*  
*Ravish*

## CERTIFICATE

This is to certify that this project has been completed by Miss. Komal D. Piprade under the supervision of Dr. P. R. Solanki, in department of chemistry, vidya Bharti Mahavidyalaya, Amravati. During the Academic year 2014 - 2015.

Date:- 13/6/15



Dr. P. R. Solanki  
Asst. Prof. Chemistry  
Vidya Bharti Mahavidyalaya,  
AMRAVATI-444602

(Department of Chemistry)

V.B.M.V. Amravati.

**Synthesis and Characterization of Some Newly  
Synthesized Pyrazolines and Their Antibacterial Activity**

**A project submitted**

**to**

**Sant Gadge Baba Amravati University, Amravati**

**For the partial fulfilment of the degree of**

**Master of Science in Chemistry**

**Submitted by**

**Ms. Disha R. Gadhwale**



**Supervisor**

**Dr. V. V. Parhate**

**M.Sc. M.Phil., Ph.D.**

*Range  
Dr. R. D. Deshmukh  
16/6/15*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**



**Dr. V. V. Parhate**

(M.Sc., M.Phil., Ph.D.)  
Associate professor,  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

### Certificate

This is to certify that the piece of work incorporated in the project entitled *Synthesis and Characterization of Some Newly Synthesized Pyrazolines and Their Antibacterial Activity* is the bonafide research work carried out by **Ms. Disha R. Gadhawale** under my guidance and supervision in the P. G. Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati, and This work has not been submitted elsewhere for award of any diploma or degree.

Place : Amravati

Date : 13/6/2015



**Dr. V. V. Parhate**

Supervisor  
Associate professor,  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

**Dr. D.T. Mahajan**

Head  
Department of Chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati.

*Synthesis, Characterization and Antibacterial Activity of Newly  
Synthesized Chloro Substituted Chromanone and Flavanone*

**A project submitted**

**to**

*Sant Gadge Baba Amravati University, Amravati*

**For the partial fulfilment of the degree of**

*Master of Science in Chemistry*

**... Submitted by ...**

*Ms. Sneha S. Sune*



**... Supervisor ...**

*Dr. P. R. Rajput*

*Rajput  
(Dr. P. R. Rajput)  
16/6/15*

**Department of Chemistry**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**

## CERTIFICATE

This is to certify that this project work has completed by Miss Sneha S. Sane under the supervision of Dr. P.R. Rajput in post graduate of Chemistry, VidyaBharti Mahavidyalaya, Amravati, during the academic year 2014 - 2015.

Date: 13-06-2015

Place: Amravati



Dr. D.T. Manojan

Head, Dept. of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAVATI - 444602

P.G. Department of Chemistry

VidyaBharti Mahavidyalaya Amravati



**STUDIES IN BINARY COMPLEXES OF SOME SUBSTITUTED  
ISOXAZOLINE WITH LANTHANIDE METAL IONS  
PROJECT**

submitted to

SantGadge Baba Amravati University, Amravati, Maharashtra.

For partial fulfillment of degree of

**MASTER OF SCIENCE**

in

**CHEMISTRY**



By

**Kanchan A.Asekar**

**Project Guide**

**Dr. M.L.Narwade**

  
16/6/15

Department of Chemistry,  
Vidyabharati Mahavidyalaya  
C.K. Naidu Road, Camp Amravati.  
Maharashtra.

**2014-2015**

## CERTIFICATE BY THE H.O.D

This is to certify that the present work "Studies In Binary Complexes of Some Substituted Isoxazoline With Lanthanide Metal Ion" is carried out by Miss. Kanchan A. Asekar under the supervision of Dr. M.L. Narwade, Academic Co-ordinator, P.G. Department of Chemistry, VidyaBharti Mahavidyalaya, Amravati, Maharashtra, during the academic year 2014-2015.

Date: 13/06/2015

Place: Amravati



Dr. D. T. Mahajan

Head, Deptt. of Chemistry  
VidyaBharti Mahavidyalaya, Amravati  
AMRAVATI - 444602  
VidyaBharti Mahavidyalaya.

Amravati

**STUDIES IN BINARY COMPLEXES OF SOME SUBSTITUTED  
ISOXAZOLINE WITH LANTHANIDE METAL IONS  
PROJECT**

submitted to

SantGadge Baba Amravati University, Amravati, Maharashtra.

For partial fulfillment of degree of

**MASTER OF SCIENCE**

in

**CHEMISTRY**



By

**Dipali D. Dethe**

**Project Guide**

**Dr. M.L. Narwade**

Department of Chemistry,

Vidyabharati Mahavidyalaya

C.K. Naidu Road, Camp Amravati,

Maharashtra.

2014-2015

*Handwritten signature and date:*  
7/6/14



## CERTIFICATE BY THE H.O.D

"This is to certify that the present work "Studies In Binary Complexes of Some Substituted Isoxazoline With Lanthanide Metal Ion" is carried out by Miss. Dipali D. Dethé under the supervision of Dr. M.L.Narwade, Academic Co-ordinator, P.G. Department of Chemistry, VidyaBharti Mahavidyalaya, Amravati Maharashtra, during the academic year 2014-2015.

Date:13/06/2015

Place: Amravati



Dr. D. T. Mahajan

Head, Department of Chemistry  
Vidya Bharati Mahavidyalaya,  
Amravati, Maharashtra

Amravati.

***Preparation of chalcone and Adsorption  
of toxic metal on fruit skin***

*A Project Submitted To*  
Department of Chemistry,  
Vidyabharati Mahavidyalaya, Amravati  
And  
S. G. B. AMRAVATI UNIVERSITY,  
AMRAVATI

*For the Degree of*  
MASTER OF SCIENCE

*Submitted By*  
Miss Prachi S. Bharatiya  
M.Sc. Final Year,  
2014-2015

*Guided By*

Dr. C. N. DESHMUKH  
M.Sc., Ph.D.



P. G. Department of chemistry,  
Vidya Bharati Mahavidyalaya,  
Amravati  
2015

## CERTIFICATE

*This is to certify that this project work has been completed by Miss Prachi S Bharatiya under the supervision of Dr. C. N. Deshmukh, in Post-Graduate Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati during the academic year 2014-2015. I wish her every success in her life.*

Date: 5/06/2015  
Place: Amravati



Dr. D. T. Mahajan  
Head, Dept. of Chemistry,  
Vidyabharti Mahavidyalaya,  
AMRAVATI - 444602  
Amravati  
2014-2015



Effect of toxic metal ion  
On  
Green leafy vegetables

*A Project Submitted To*  
Department of Chemistry,  
Vidyabharti Mahavidyalaya, Amravati  
And  
S. G. B. AMRAVATI UNIVERSITY,  
AMRAVATI

*For the Degree of*  
MASTER OF SCIENCE

*Submitted By*  
MISS SAMRUDDHI S. THAKARE  
M.Sc. Final Year, 2014-2015

*Guided By*  
Dr. C. N. DESHMUKH  
M.Sc., Ph.D.



*Rambh  
Dr. C. N. Deshmukh  
16/6/15*

P. G. Department of Chemistry,  
Vidyabharti Mahavidyalaya,  
Amravati  
2015

## CERTIFICATE

This is to certify that this project work has been completed by Miss Samruddhi S. Thakare, under the supervision of Dr. C. N. Deshmukh, in Post-Graduate Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati during the academic year 2014-2015. I wish her every success in her life.

Date: 15/06/2015

Place: Amravati



Dr. D. T. Mahajan

Head  
Head, Deptt. of Chemistry  
Vidya Bharati Mahavidyalaya,  
AMRAVATI - 444602

Department of Chemistry,  
Vidyabharti Mahavidyalaya,  
Amravati

**PREPARATION OF CHALCONE AND ADSORPTION OF  
TOXIC METAL ON TUBER VEGETABLE SKIN**

*A Project Submitted To*

**SANTA GADGE BABA AMRAVATI UNIVERSITY FOR THE  
PARTIAL FULFILLMENT OF DEGREE.**

*For the Degree of*  
**MASTER OF SCIENCE**

*Submitted By*  
**ROHIT R. KADAM**  
M.Sc. Final Year, 2014-2015

*Guided By*  
**Dr. C. N. DESHMUKH**  
M.Sc., Ph.D.



*Raw  
C.N. Deshmukh  
6/6/15*

**P. G. Department of chemistry,  
Vidya Bharti Mahavidyalaya,  
Amravati  
2015**



## CERTIFICATE

*This is to certify that this project work has been completed by Mr. Rohit R Kadam, under the supervision of Dr. C. N. Deshmukh, in Post-Graduate Department of Chemistry, Vidya Bharti Mahavidyalaya, Amravati during the academic year 2014-2015. I wish his every success in her life.*

Date:

Place: Amravati



Dr. D. T. Mahajan  
Head, Dept. of Chemistry  
Vidya Bharti Mahavidyalaya,  
Amravati, 444802  
Chemistry

Vidya Bharti Mahavidyalaya  
Amravati 2014- 2015

**VIDYABHARTI MAHAVIDYALAYA**

**STUDENT'S GROUPWISE PROJECT LIST**

**B.Sc.II ( ZOOLOGY)**

**2014-2015**

|   |
|---|
| <b>GROUP -I</b>   |
| <b>PROJECT NAME: Digestive system and feeding process in Amphioxus</b>          |
| <b>Students Name</b>  |
| Ku. Afreen Fatema Sheikh.   |
| Ku. Alina Anjum   |
| Ku. Asma Saleha   |
| Ku. Ajhra Tabassum  |
| Ku. Falak Naaz  |
| Ku. Heena Parveen   |
| Ku. Ankita Ganvir   |
| <b>GROUP -II</b>  |
| <b>PROJECT NAME: Migration in Fishes</b>  |
| <b>Students Name</b>  |
| Ku. Ashwini Gawai   |
| Mr. Aniket Hagwane  |
| Ku. Dharti Waghmare   |
| Mr. Gaurav Deshmukh   |
| Mr. Harshad Patharikar  |
| Mr. Kuldeep D. Raut   |
| Mr. Maneet Dongare  |
| Mr. Mayur Thorve  |
| <b>GROUP -III .</b>   |
| <b>PROJECT NAME: Respiratory organs and mechanism of respiration in Pisces.</b> |
| <b>Students Name</b>  |
| Ku. Kajal Yawale  |
| Ku Kavita Wankhade  |
| Ku. Lubna Naziz   |
| Ku. Manisha Wankhade  |
| Ku. Mayuri Akhare   |
| Mr. Mahavesh Anam   |
| Mr. Manish Vilayatkar   |
| <b>GROUP -IV</b>  |
| <b>PROJECT NAME: Circulatory System and Structure of Heart in Amphibia.</b>     |
| <b>Students Name</b>  |

|   |
|---|
| Ku. Megha Kure  |
| KuNiraj Fatema  |
| Ku Mohini Manjre                                      |
| Ku. Nausheen Firdous                                  |
| Ku. Pooja Jogdand                                     |
| Mr. Pawan Chavhan                                     |
| <b>GROUP -V</b>                                       |
| <b>PROJECT NAME: : Parental care in Amphibia</b>      |
| <b>Students Name</b>                                  |
| Ku. Pooja Bhadke.                                     |
| Ku. P.A. Pawar  |
| Ku. Pragati Kawalkar                                  |
| Ku. Pragati N.Ramteke                                 |
| Ku. Pranali Kumare                                    |
| Mr. Pranav Thelkar                                    |
| Mr. Pratik Lokhande                                   |
| <b>GROUP -VI</b>                                      |
| <b>PROJECT NAME: Snake Venom and Anti-venom</b>       |
| <b>Students Name</b>                                  |
| Ku. Pratiksha Gavhane                                 |
| Ku. Pratiksha Rangari                                 |
| Ku. Priyanka Bondekar                                 |
| Ku. Poonam S. Gole                                    |
| Ku. Purva Killekar                                    |
| Ku. Reena D. Raut                                     |
| Ku. Krutika Chavhan                                   |
| <b>GROUP -VII .</b>                                   |
| <b>PROJECT NAME: Urinogenital System in Reptilia.</b> |
| <b>Students Name</b>                                  |
| Ku Roshna Tayade                                      |
| Ku Roshni Thakare                                     |
| Ku. Ruchika Mehare                                    |
| Ku. Samreen Kausar                                    |
| Ku. Samreen Sadaf                                     |
| Ku. Sarita Sagane                                     |
| Mr. Rupesh Waikar                                     |
| <b>GROUP -VIII</b>                                    |
| <b>PROJECT NAME: Structure of Heart in Reptilia.</b>  |
| <b>Students Name</b>                                  |
| Ku. Sarvat Asma                                       |
| Ku Shradha Jambhule ✓                                 |
| Ku Sheetal Dhande                                     |
| Ku. Shraddha Bhorgade ✓                               |
| Ku. Shreya Deshmukh                                   |
| Ku. Shruti Taywade ✓                                  |
| Ku. Sneha Bijwe                                       |
| Ku. Sneha Khadse ✓                                    |
| Ku. Sonali Ingale                                     |



|  |
|--|
| Mr. Shaikh Shabbir   |
| <b>GROUP -IX</b>   |
| <b>PROJECT NAME: External characters, Habit and Habitat in Pigeon.</b> |
| <b>Students Name</b>   |
| Mr. Sumit Kumar Bhawik -   |
| Ku. Taskeen Almas ✓  |
| Ku. Tooba Samar  |
| Ku. Ammi Amin ✓  |
| Ku. Ujma Kausar  |
| Ku. Vrushali Rajas ✓   |
| <b>GROUP -X</b>  |
| <b>PROJECT NAME: Migration in Birds</b>                                |
| <b>Students Name</b>   |
| Mr. Yuvrajsingh Shekhawat :  |
| Mr. Salman Sultan ✓  |
| Ku Alfiya Sadaf -  |
| Mr. Pravin Misal ✓   |
| Ku. Ankita Thakur  |
| Ku. Dipti Aware ✓  |
| Ku. Jawera Nayab   |
| <b>GROUP -XI</b> ✓   |
| <b>PROJECT NAME: Islet's Of Langerhans</b>                             |
| <b>Students Name</b>   |
| Ku. Khushboo Malviya ✓   |
| Ku. Mayuri Raut ✓  |
| Ku Monika Gaikwad -  |
| Ku. Nazneen Nazir ✓  |
| Ku. Palak Jain   |
| Ku. Pooja Bire ✓   |
| Ku. Pooja Akhare ✓   |
| Ku. Rakashan Noorin ✓  |
| Ku. Rivika Mohod   |
| <b>GROUP -XII</b>  |
| <b>PROJECT NAME: Morphology of Thyroid gland</b>                       |
| <b>Students Name</b>   |
| Ku. Saniya Parveen ✓   |
| Ku. Seema Baitule ✓  |
| Ku Shraddha Karale-  |
| Mr. Shahavar Vakil ✓   |
| Ku. Sneha Wakade-  |
| Ku. Varsha Bhojne ✓  |
| Ku. Diksha Sharma ✓  |

Submission Due Date:

*Shamshode*

Group 121-

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku . Afreem Fatema Sheikh.**

**studying in the class B.Sc. II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**

*Dept of Zoology*  
**Dept of Zoology**  
*Vidya Bharati Mahavidyalaya*  
**AMRAVATI.**

**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ms. Afreen Fatema Sheikh.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ashra Tabassum

**studying in the class** B.Sc.II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**

*Dept of Zoology*  
*Vidya Bharati Mahavidyalaya*  
*AMRAVATI*

**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

BY: Aishra Tabassum

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**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku**           Aahina Anjum          

**studying in the class**           B.S.C. II           **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**

*Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.*



**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ms. Adima Anjum

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Asma Saleha

**studying in the class** B.Sc. II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**

*Dept of Zoology*  
*Vidya Bharati Mahavidyalaya*  
*CAMP, AMRAVATI*

**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ms. Asma Saleha

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Faruk Naaz

studying in the class B.Sc. II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*9/12/2015*

**Signature of the Incharge**

*Faruk Naaz*

**Head of the Department**

**Dept of Zoology**

**Vidya Bharati Mahavidyalaya**

**Amravati**

**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ms. Farah Naz

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Heena Parveen

studying in the class B.Sc. II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

१२/०२/१५

Signature of the Incharge

FRACAR

Head of the Department

Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI



**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ms. Heena Parveen

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Amkita Gamvir

**studying in the class** B.S.C. II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

१२/११/१५

**Signature of the Incharge**

S. P. A. Karh

**Head of the Department**

*Dept of Zoology*  
*Vidya Bharati Mahavidyalaya*  
*AMRAVATI.*

**PROJECT REPORT**

**ON**

**Digestive system and feeding process in Amphioxus**

**= SUBMITTED BY =**

Ku. Amkita Gamvir

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



Group II

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
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**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ashwini Gawai

**studying in the class** B.S.C II **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

9/2/17

**Signature of the Incharge**

S. R. A. Carke

**Head of the Department**

**Dept of Zoology  
Vidya Bharati Mahavidyalaya,  
AMRAVATI.**

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Ashwini Bawai

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ka Aniket Hogware

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institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

9/11/2014

**Signature of the Incharge**

SRMant

**Head of the Department**

**Dept. of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.**



**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Aniket Hegwade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Sheeti Waghmare

**studying in the class** B.Sc II **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

9/11/2015

**Signature of the Incharge**

FRANK

**Head of the Department**  
Dept. of Zoology

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Ahaleti Waghmare

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Bhawani Aashmukh

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

7/11/21

Signature of the Incharge

S. R. Kulkarni

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

*Geetika Deshmukh*

**= GUIDED BY =**

**Dr. V. R. Wankhade**

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**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Harshad Pathak

studying in the class B.S.C II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

21/12/17

**Signature of the Incharge**

S. R. Kanti

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**



**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Harshad Pathak & KaE

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/ku Kuldeep A. Raut .

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

9/2/15

**Signature of the Incharge**

S. R. Kulkarni

**Head of the Department**

**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Kuldeep Raut

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**


Shri/Ku Maneet Dongare

Studying in the class B.Sc IT during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

  
**Signature of the Incharge**

  
**Head of the Department**  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Maneed Dongare

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Mayur Thakre

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

21/11/2019

Signature of the Incharge

S. R. Kulkarni

Head of the Department

**PROJECT REPORT**

**ON**

**Migration in Fishes**

**= SUBMITTED BY =**

Mayur Thorat

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



Group III

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku Kajal yawale**

**studying in the class B.Sc. II during academic session 2014-2015 of this**

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**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

7/2/15

**Signature of the Incharge**

FRACERH

**Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.**

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

KV. Kajal yawale

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

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**VIDYA BHARATI MAHAVIDYALAYA,CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Kavita Wamkhade

studying in the class B.Sc. II during academic session 2014-2015 of this  
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on the Syllabus and given satisfactory account of it in this project.

Date:

9/2/15

Signature of the Incharge

FRANCIS

Head of the Department  
Dept of Zoology  
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AMRAVATI

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

KU. Kavita Wankhade

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
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**CERTIFICATE**

**This is to certify that,**

**Shri/Ku Lubna Nazir**

**studying in the class B.Sc. II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**

*Dept of Zoology  
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AMRAVATI.*

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

Ms. Lubna Nazir

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**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
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**This is to certify that,**

**Shri/Ku Mamisha Wamdhade**

**studying in the class B.Sc.II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya, Camp, Amravati**

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

Ms. Manisha Wankhade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
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**This is to certify that,**

Shri/Ku Mayuri Akhure

studying in the class B.S.C.II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

24/12/17

**Signature of the Incharge**

S. R. Akhure

**Head of the Department**

*Dept of Zoology*  
*Vidya Bharati Mahavidyalaya*  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

Ms. Mayuri Akhane

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku Mahavesh Amam.**

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institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*12/11/17*

**Signature of the Incharge**

*FRACAR*

**Head of the Department**

*Vidya Bharati Mahavidyalaya  
Dept of Zoology  
Amravati*

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

Mr. Mahayesh Amam

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Mamish Vilayatkar

**studying in the class** B. Sc. II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

१८/५/२०१५

**Signature of the Incharge**

S. R. Mankar

**Head of the Department,**  
**Dept of Zoology,**  
**AMRAVATI.**

**PROJECT REPORT**

**ON**

**Respiratory organs and mechanism of respiration in Pisces**

**= SUBMITTED BY =**

Mr. Manish Vilayatkar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

(4)

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Sh/ri/Ku Megha Kuce

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

7/2/2017

**Signature of the Incharge**

FRANK

**Head of the Department**  
Vidya Bharati Mahavidyalaya  
Dept of Zoology

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

Sh. Megha Kulkarni

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
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**CERTIFICATE**

**This is to certify that,**

Shri/Ku Niraj, Fatema

studying in the class B.S.C.II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

*12/12/14*

**Signature of the Incharge**

*S. R. K. K.*

**Head of the Department**  
**Dept. of Zoology**

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

Nisraj Farhana

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Mohini Manjise

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

Mohini Mantee

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Nausheen Fiedous

studying in the class B.S.CII during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

9/5/2017

**Signature of the Incharge**

SRA Karti

**Head of the Department**  
**Dept of Zoology**

Vidya Bharati Mahavidyalaya, Amravati

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

Mausheeh Fiedokus

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Srri/Ku** Pooja Jagdand

**studying in the class** B.S.C II **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

9/12/17

**Signature of the Incharge**

S. R. A. K.

**Head of the Department**

**Department of Zoology  
Vidya Bharati Mahavidyalaya  
Camp, Amravati.**

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

poojee jogdaud

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku pawan charhan

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

१२/११/२०१५

**Signature of the Incharge**

FRACATI

**Head of the Department**

*Dept of Zoology*  
*Vidya Bharati Mahavidyalaya*

**PROJECT REPORT**

**ON**

**Circulatory System and Structure of Heart in Amphibia**

**= SUBMITTED BY =**

pawan chaukhan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

5

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** poorja Bhadke

**studying in the class** BS.CIT **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Dept of Zoology**  
Vidya Bharati Mahavidyalaya, Camp, Amravati

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

Pooja Bhadke

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



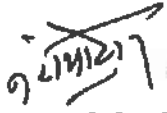
**CERTIFICATE**


**This is to certify that,**

**Shri/Ku** Pragati Kawalkar

**studying in the class** B.Sc II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

  
**Signature of the Incharge**

  
**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

*Pragati Kawalkar*

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**  
**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**

DEPARTMENT OF ZOOLOGY



CERTIFICATE

This is to certify that,

Shri/Ku p. A. pawar

studying in the class B.Sc.II during academic session 2014-2015 of this institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

Signature of the Incharge

Head of the Department  
Vidya Bhairavi Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

p. A Pawar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Pragati . N. Ramteke

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

१२/०५/२०१५

**Signature of the Incharge**

S. Ramteke

**Head of the Department**  
**Dept of Zoology**  
Vidya Bharati Mahavidyalaya  
CAMP, AMRAVATI

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

Pragati . N. Ramteke

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** peehati kumar

**studying in the class** B.Sc II **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**  
**Dept of Zoology**  
**Mahavidyalaya**  
**Amravati**

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

prachi kumare

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Pranav Thelkar

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

१२/०५/१५

**Signature of the Incharge**

SRAMCART

**Head of the Department**  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

prachi Thelkar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Pratik Lokhande

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

17/12/14

**Signature of the Incharge**

Pratik Lokhande

**Head of the Department**

**Dept of Zoology**

Vidya Bharati Mahavidyalaya, Camp, Amravati

**PROJECT REPORT**

**ON**

**Parental care in Amphibia**

**= SUBMITTED BY =**

pratik Lokhande

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**



Group VI

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Pratiksha Gavhane

studying in the class B.Sc<sup>2nd</sup> Year during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

9/11/17

Signature of the Incharge

Pratiksha

Head of the Department  
Dept. of Zoology  
Vidya Bharati Mahavidyalaya,  
AMRAVATI

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Pratiksha Gavhane*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Pratiksha Pangare

**studying in the class** B.Sc II **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

१२/११/२१

**Signature of the Incharge**

S. Prakash

**Head of the Department**

*Dept of Zoology*

*Vidya Bharati Mahavidyalaya  
AMRAVATI*

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Pratiksha Rangare*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Priyanka Bondekar

studying in the class Bsc 2<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Priyanka Bondekar*

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Poonam Gole

studying in the class BSc 2<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*9/11/2017*

**Signature of the Incharge**

*S. Prakash*

**Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI**

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Poonam Gole*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Pooja Killekar

**studying in the class** B-Sc<sup>2nd</sup> year **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**  
**Dept. of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Pooja Killekar*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Keena Raut

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

02/05/2017

Signature of the Incharge

S. R. Kulkarni

Head of the Department  
Dept. of Zoology  
Vidya Bharati Mahavidyalaya

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

*Reena Raut*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHA VIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Krutika Chavhan

studying in the class B.Sc II year during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

१२/१२/१५

Signature of the Incharge

S. R. Chavhan

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Snake Venom and Anti-venom**

**= SUBMITTED BY =**

Krutika Chavhan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

VII

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Rashana Tayde

**studying in the class** Bsc 2<sup>nd</sup> yr **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.**

**Date:**

9/12/2017

**Signature of the Incharge**

S. P. Kulkarni

**Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.**

Group VII

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

*Roshana Tayde*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Rashmi Thakare

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

11/12/17

Signature of the Incharge

J. P. Kulkarni

Head of the Department  
Dept. of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

Rashmi Thakare

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ruchika Mehare

**studying in the class** BSc II<sup>nd</sup> year **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**  
**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

9/11/21

**Signature of the Incharge**

S. R. M. K. K.

**Head of the Department**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

*Ruchika Mebaree*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Samreen Kaugar

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

Signature of the Incharge

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI  
2014-2015

Dr. N.R.Thorat  
Dr. Y.D. Akhare  
Dr. V. R. Wankhade  
= GUIDED BY =

---

Urinogenital System in Reptilia.  
ON  
PROJECT REPORT

= SUBMITTED BY =

Sarveen Kousar

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Samreen Sadaf

studying in the class BSc II<sup>nd</sup> yr during academic session 2014-2015 of this

institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

Signature of the Incharge

Head of the Department  
Dept of Zoology

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

*Samueen Sadaf*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Sarita Sagane

studying in the class B.Sc<sup>2nd</sup> year during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

  
**Signature of the Incharge**

  
**Head of the Department**  
Vidya Bharati Mahavidyalaya  
AMRAVATI.

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

Sarita Sagame

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA,CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Rupesh Waikar

**studying in the class** BSc IT<sup>nd</sup> yr **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

S. R. Mankar  
**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Urinogenital System in Reptilia.**

**= SUBMITTED BY =**

*Rupesh Waikar*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Sarvat Asma

**studying in the class** B.S.C II<sup>nd</sup> yr **during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI**

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Sarvat Asma*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Shradha Jambhule

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*9/2/15*

Signature of the Incharge

*S. P. Alankar*

Head of the Department

*Dept of Zoology*

Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

Shradha Jambhule

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Sheetal Dhande

studying in the class B.S.C II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department

*[Handwritten text: Vidya Bharati Mahavidyalaya, Dept of Zoology]*

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Sheetal Dhande*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Shraddha Bhogade

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**

**Dept of Zoology**

*[Handwritten text]*

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

Shraddha Bhasgade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**  
**2014-2015**

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE**

This is to certify that,

Shri/Ku Shreya Deshmukh

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya,  
AMRAVATI.



**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Shreyash Debmukh*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Shruti Taywade

**studying in the class** B.Sc<sup>2nd</sup> year **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

१२/१२/१५

**Signature of the Incharge**

SP. Karthi

**Head of the Department**  
**Dept. of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

Shruti Taywade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**  
**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Shaikh Shabbir

studying in the class BSC II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Shaikh Shabbir*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Sneha Bijule

**studying in the class** B.S.C II<sup>nd</sup> yr **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

24/01/17

**Signature of the Incharge**

S. R. Kulkarni

**Head of the Department**  
**Vidya Bharati Mahavidyalaya,**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Sneha Bijwe*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Sneha Khadse

**studying in the class** B.Sc II **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

21/12/14

**Signature of the Incharge**

S. R. Kulkarni

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

Sneha Khadse

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Sonali Ingale

**studying in the class** B.Sc II<sup>nd</sup> yr **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

१२/११/२०१५

**Signature of the Incharge**

S. R. Kulkarni

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya,**  
**AMRAVATI**



**PROJECT REPORT**

**ON**

**Structure of Heart in Reptilia.**

**= SUBMITTED BY =**

*Sonali Ingale*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE**

This is to certify that,

Shri/Ku Sumit Kumar Bhawik

studying in the class B.Sc. II<sup>nd</sup> during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

*Somit Kumar Bhavik*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

IX

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Taskeon Almas

studying in the class B.Sc II during academic session 2014-2015 of this

institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**

**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

Taskeem Almas

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA,CAMP, AMRAVATI**

**2014-2015**



VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY



CERTIFICATE

This is to certify that,

Shri/Ku Tooba Samas

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

9/2/2015  
Signature of the Incharge

S.P. Acharya  
Head of the Department  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

Tooba Samaz

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Ammi Amin

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

**Date:**

[Signature]  
**Signature of the Incharge**

[Signature]  
**Head of the Department**  
Vidya Bharati Mahavidyalaya  
Amravati

**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

Amruti Amin

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA,CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ujma Kaugar

**studying in the class** B.Sc II<sup>nd</sup> yr **during academic session 2014-2015 of this**

**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Vidya Bharati Mahavidyalaya**  
**Amravati**



**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

Ujma Kausar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Vrushali Rajas

studying in the class B.Sc<sup>2nd</sup> year during academic session 2014-2015 of this

institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI.**

**PROJECT REPORT**

**ON**

**External characters, Habit and Habitat in Pigeon.**

**= SUBMITTED BY =**

Yrushi Rajas

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Yunraj Singh Afekhanwat

studying in the class BSC II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Dept of Zoology**  
Vidya Bharati Mahavidyalaya  
Amravati

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

*Nirajsinh Shekhawat*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



(X)

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY.**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku Salman Sultan**

**studying in the class B.Sc<sup>2nd</sup> year during academic session 2014-2015 of this  
institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*(Handwritten signature)*

**Signature of the Incharge**

*(Handwritten signature)*

**Head of the Department  
Vidya Bharati Mahavidyalaya,  
AMRAVATI.**

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

Salman Sultan

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA,CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Alfiya Sadaf

studying in the class B.S.C II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI.

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

*Alfiya Sadaf*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Pravin Misal

**studying in the class** B.Sc II<sup>nd</sup> **during academic session 2014-2015 of this**  
**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

*[Handwritten signature]*

**Signature of the Incharge**

*[Handwritten signature]*

**Head of the Department**  
**Vidya Bharati Mahavidyalaya**



**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ankita Thakur

**studying in the class** B.S.C II<sup>nd</sup> yr **during academic session 2014-2015 of this**

**institute. He/She has completed Project Work based**

**on the Syllabus and given satisfactory account of it in this project.**

**Date:**

**Signature of the Incharge**

**Head of the Department**  
**Dept of Zoology**  
**Vidya Bharati Mahavidyalaya**  
**AMRAVATI**

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

*Ankita Thakur*

---

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Dipti Awarde

studying in the class B.Sc II during academic session 2014-2015 of this

institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

Signature of the Incharge

Head of the Department

Dept of Zoology

Wid. Dhruvi Mahavidyalaya

Amravati

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

Dipti Aware

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**



**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Jawera Nayab

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

Date:

*[Handwritten signature]*

Signature of the Incharge

*[Handwritten signature]*

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**

**ON**

**Migration in Birds**

**= SUBMITTED BY =**

Jawera Nayab

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE**

This is to certify that,

Shri/Ku Khushboo Malviya

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

[Signature]  
Signature of the Incharge

[Signature]  
Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya

**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

**= SUBMITTED BY =**

Khushboo Malviya

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Mayuri Raut

studying in the class B.Sc II during academic session 2014-2015 of this  
institute. He/She has completed Project Work based  
on the Syllabus and given satisfactory account of it in this project.

Date:

Signature of the Incharge

Head of the Department  
Dept of Zoology  
Vidya Bharati Mahavidyalaya  
AMRAVATI



**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

**= SUBMITTED BY =**

Mayuri Raut

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2014-2015**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI.**  
**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

**This is to certify that,**

Shri/Ku Monika Gaikwad

studying in the class B.S.C II<sup>nd</sup> yr during academic session 2014-2015 of this  
institute. He/She has completed Project Work based

on the Syllabus and given satisfactory account of it in this project.

**Date:**

9/1/15  
**Signature of the Incharge**

S. R. Arankar  
**Head of the Department**

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**AMR AVATI**

**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

**= SUBMITTED BY =**

Monika Gaikwad

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**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

**= SUBMITTED BY =**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

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**PROJECT REPORT**

**ON**

**Islet's Of Langerhans**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

**= SUBMITTED BY =**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

**= SUBMITTED BY =**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

**= SUBMITTED BY =**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

**= SUBMITTED BY =**

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**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

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AMR 2015

**PROJECT REPORT**

**ON**

**Morphology of Thyroid gland**

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**2014-2015**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI .**

**NAME OF EXAMINATION :- MIRPM - III - SEMESTER YEAR – 2014-15**

**NAME OF COLLEGE :- VIDYABHARATI MAHAVIDYALAYA , AMRAVATI.**

**BRANCH : COMMERCE**

| SR. NO. | TITLE OF THE DISSERTATION   | STUDENT'S NAME              | NAME OF THE INTERNAL EXAMINAR / GUIDE |
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| 1       | 2   | 3                           | 4                                     |
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| 10      | "AN ANALYTICAL STUDY OF STRESS MANAGEMENT FOR WOMEN EMPLOYEES" " A CASE STUDY OF AMRAVATI CITY POLICE"                                      | SARIKA PANDURANGJI PATANKAR | PROF. P. B. UPASE                     |

  
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Regd. Office : 695 Sadashiv Peth, Chandrawati Chambers , Kurnikar Road, Pune: 411030  
☎ : 020 - 2447 97 38 • email: contact@violina.co.in • website: www.violina.co.in  
Factory : 179 Village Ranje, Taluka Bhor, District Pune : 412205, Maharashtra, INDIA.

Date- 30 June2015

To whom so ever it may concern

This is to certify that **Ms.Nisha Walshinge B**, Student of Vidhyabharati College of Amravati has successfully completed her practical training in our organization from **8 May 2015 to 30 June 2015**.

During this period we found she is sincere, hard working, honest & punctual.

We wish all success in her future endeavors.

For

**Elegance Cosmetics India Pvt. Ltd.,**

**Pune.**

*Savita*

**Authorised Signatory**

**Mrs. Savita C. Gokhale.**



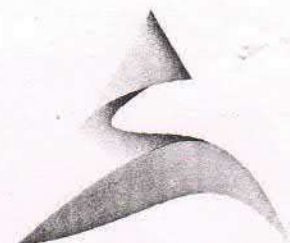


**ARIHANT INNOCHEM PVT. LTD.**

Formerly Arihant Trading Co.

120, Vasan Udyog Bhavan, 1st Floor, Off Senapati Bapat Marg, Opp. Phoenix Mill,  
Lower Parel (W), Mumbai- 400 013. INDIA.

**T** +91-22-6767 4895 | **F** +91-22-2495 4894 | **W** www.arihantinnochem.com



Trust · Quality · Commitment

Date: 02/07/2015

To,  
The Principal  
Vidyabharti Mahavidyalaya,  
(Deptt. Of Cosmetology)  
C.K. Naidu Marg,  
Camp,  
Amravati - 444602

This is to certify that MS. DIPTÉE P. MOHOD, a student of 3<sup>rd</sup> year B-Tech Cosmetic, Vidyabharti Mahavidyalaya, Amravati has undergone lab training on "Effect of Salt and Polymers and their Combination on Rheology of Rinse-Off Cosmetic Product Composed of Combination of Surfactants" in various sections viz: Batch Process, Formulation and Analytical Process from the period of 08<sup>th</sup> May 2015 to 23<sup>rd</sup> June 2015.

During her period of training programme with us she was found punctual, hardworking and inquisitive.

We wish her very success in life.

Warm Regards,

*Sarada Bose Ray*  
2/7/2015.

Ms. Sarada Bose Ray  
Manager -Tech Development-PHC





TO WHOM SO EVER IT MAY CONCERNED

**TRAINING CERTIFICATE**

THIS IS TO CERTIFY THAT **MISS. SHRUTIKA S. KHODASKAR**  
DID AN INPLANT TRAINING IN THIS INSTITUTION .FOR THE PERIOD FROM  
**15<sup>TH</sup> MAY. 2015 TO 15<sup>TH</sup> JUNE. 2015.**

SHE TOOK LOT OF EFFORTS TO LEARN THE NEW  
TECHNIQUES IN COSMOTOLOGY AND TOOK PART IN THE QUALITY  
TESTING OF THE PRODUCTS.

HER PROJECT DURING THE TRAINING WAS  
**SHAMPOO & FACE WASH** SHE COMPLITED IT NICELY

WE WISH HER LOT OF SUCCESS IN THE YEARS TO COME.

FOR NISHA HERBAL PVT LTD.



DR ANIL UPAGADE.  
MANAGING DIRECTOR.  
16-06-2015.



# GAILLARD COSMETICS (MUM.) PVT. LTD.

OFFICE / FACTORY ADDRESS:- GAT NO. 112/2, A/P- NASARAPUR. TAL - BHOR,  
DIST.- PUNE, PIN. 412213.

Ph. No. 02113 - 273330. Mob. +91 - 98205 98202.

E-mail-gaillardcosmetics@rediffmail.com.

No.....

Date:.....

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. MRUNAL WARANKAR of VIDYABHARATI MAHAVIDYALAYA ,  
AMRAVATI, has undergone In- Plant training at our unit from 11th May 2015 to 25th June 2015.  
She has done training in various sections of cosmetics manufacturing ,R&D and Quality Assurance.

Her project work entitled "SUNSCREEN CREAM ".

During her training we have found that she is sincere, dedicated and willing to learn.

This Training was Part of her studies in Cosmetic Technology.

We wish her all success in future.

For Gaillard Cosmetics Mumbai Pvt. Ltd.



Mr. Rajesh

Director



TO WHOM SO EVER IT MAY CONCERNED

**TRAINING CERTIFICATE**

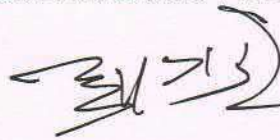
THIS IS TO CERTIFY THAT **MISS. POOJA R. BIHADE**  
DID AN INPLANT TRAINING IN THIS INSTITUTION .FOR THE PERIOD FROM  
**15<sup>TH</sup> MAY. 2015 TO 15<sup>TH</sup> JUNE. 2015.**

SHE TOOK LOT OF EFFORTS TO LEARN THE NEW  
TECHANQUES IN COSMOTOLOGY AND TOOK PART IN THE QUALITY  
TESTING OF THE PRODUCTS.

HER PROJECT DURING THE TRAINING WAS  
**SHAMPOO & FACE WASH** SHE COMPLITED IT NICELY

WE WISH HER LOT OF SUCCESS IN THE YEARS TO COME.

FOR NISHA HERBAL PVT LTD.



DR ANIL UPAGADE.  
MANAGING DIRECTOR.  
16-06-2015.



# GAILLARD COSMETICS (MUM.) PVT. LTD.

OFFICE / FACTORY ADDRESS:- GAT NO. 112/2, A/P- NASARAPUR, TAL. - BHOR,  
DIST.- PUNE, PIN. 412213.

Ph. No. 02113 - 273330. Mob. +91 -

E-mail-gaillardcosmetics@rediffmail.com.

No.....

Date:.....

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. VAISHNAVI POKALE of VIDYABHARATI MAHAVIDYALAYA ,  
AMRAVATI.,has undergone In- Plant training at our unit from 11 th May 2015 to 25th June 2015.  
She has done training in various sections of cosmetics manufacturing ,R&D and Quality Assurance .

Her project work entitled " FOOT CREAM " .

During her training we have found that she is sincere, dedicated and willing to learn.

This Training was Part of her studies in Cosmetic Technology.

We wish her all success in future.

For Gaillard Cosmetics Mumbai Pvt. Ltd.



Mr. Rajesh Kadam

Director



TO WHOM SO EVER IT MAY CONCERNED

**TRAINING CERTIFICATE**

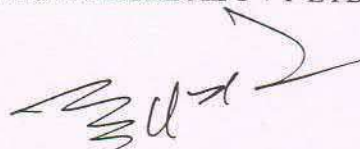
THIS IS TO CERTIFY THAT **MISS. ASHWINI R DOD**  
DID AN INPLANT TRAINING IN THIS INSTITUTION .FOR THE PERIOD FROM  
**15<sup>TH</sup> MAY. 2015 TO 15<sup>TH</sup> JUNE. 2015.**

SHE TOOK LOT OF EFFORTS TO LEARN THE NEW  
TECHANIKUES IN COSMOTOLOGY AND TOOK PART IN THE QUALITY  
TESTING OF THE PRODUCTS.

HER PROJECT DURING THE TRAINING WAS  
**SHAMPOO & FACE WASH** SHE COMPLITED IT NICELY

WE WISH HER LOT OF SUCCESS IN THE YEARS TO COME.

FOR NISHA HERBAL PVT LTD.



DR ANIL UPAGADE.  
MANAGING DIRECTOR.  
16-06-2015.





Date: 25<sup>th</sup> June, 2015

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that *Ms. Pratibha Hawaldar* student of Vidyabharati Mahavidyalaya, Amravati (Department of Cosmetology) has undergone an industrial training in our factory from 9<sup>th</sup> May 2015 to 24<sup>th</sup> June 2015. In this period she is exposed to all major departments, in our organization.

During the training period we found her sincere, honest and hardworking.

We wish her luck for all future endeavors.

For THE VANITYCASE GROUP OF COMPANIES,


Sarita Nawade

Senior Executive - HR

Date :11 June 2015

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Monali G. Chaudhari B.Tech cosmetic Final year Student Of Vidyabharti Mahavidyalaya Collage of cosmetics, Amaravti has undergone one month Training in Research and development department in our organization from 11/05/ 2015 To 11/06/2015 as a part of fulfillment of course.

During this period she has been found sincere towards her assignments and she acquired Good experience during this project.

She was found to be taking keen interest in her work and was very hardworking and punctual.

We wish her all the success in her future career.

FOR LA PEARL COSMO CARE

FARIHA ALI





Wockhardt Research Centre  
D-4, M.I.D.C., Chikalthana,  
Aurangabad-431 006, India  
Tel : +91-240-8632222 / 2482590  
Fax : +91-240-2489219 / 2485242  
E-mail : WockhardtRnd@wockhardt.com  
CIN : L24230MH1999PLC120720

**WOCKHARDT**

June 30, 2015

TO WHOM SO EVER IT MAY CONCERN


This is to certify that Miss. Ashwini Girish Sangle, student of B. Tech (Cosmetic) from Department of Sant Gadge Baba University Amravati, has successfully completed her project training from May 12, 2015 to June 30, 2015 for the period of One & Half Months at Wockhardt Research Centre, Aurangabad.

She has done her project on "Analytical Validation, Analytical Development and Formulation development" & has shown a keen interest in learning various research procedures.

We have found her to be sincere, honest and hardworking during her training period in this company. To the best of our knowledge she bears a good moral character.

We wish her all success in her life.

For Wockhardt Research Centre

  
Laxmikant Khisti  
Sr. Manager - HR





Wockhardt Research Centre  
D-4, M.I.D.C., Chikalthana,  
Aurangabad-431 006 India.  
Tel : +91-240-6632222 / 2482590  
Fax : +91-240-2489219 / 2485242  
E-mail : WockhardtRnd@wockhardt.com  
CIN : L24230MH1999PLC120720

**WOCKHARDT**

June 30, 2015

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Miss. Amruta Satish Madghe, student of B. Tech (Cosmetic) from Department of Sant Gadge Baba University Amravati, has successfully completed her project training from May 12, 2015 to June 30, 2015 for the period of One & Half Months at Wockhardt Research Centre, Aurangabad.

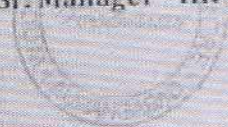
She has done her project on "Analytical Validation, Analytical Development and Formulation development" & has shown a keen interest in learning various research procedures.

We have found her to be sincere, honest and hardworking during her training period in this company. To the best of our knowledge she bears a good moral character.

We wish her all success in her life.

For Wockhardt Research Centre

  
Laxmikant Khisti  
Sr. Manager - HR





ARIHANT INNOCHEM PVT. LTD.  
120, Vasani Udyog Bhavan, 1st Floor, Off Senapati Bapat Marg, Opp Phoenix Mill,  
Lower Panel (W), Mumbai-400 013, INDIA.  
☎ +91-22-6767 4395 ☎ +91-22-2495 4394 ☎ www.arihantinnochem.com



Date: 05/07/2015

To,

The Principal,

Vidya Bharati Mahavidyalaya,

C.K.Naidu Road, Camp, Amravati-444 602

Maharashtra

This is to certify that Vaibhav Tidke V.B.M.V., a student of 6<sup>th</sup> Semester, B.Tech  
Cosmetics, Vidya Bharati Mahavidyalaya have undergone training in "Optimization of  
surfactant system through foam height evaluation for rinse off products and evaluate the  
conditioning effect on hair through Red dye test" at Arihant Innochem Pvt. Ltd. Lab for 1  
month (23/05/2015 to 23/06/2015) satisfactorily.

During this period of her training programme with us she has been found punctual,  
hardworking and inquisitive.

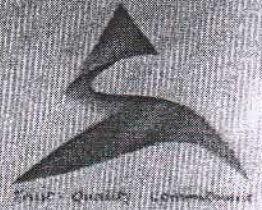
We wish her success in life.

(Sarada Bose Ray)

Sr. Technical Manager-PHC



ARIHANT INNOCHEM PVT. LTD.  
120, Vasan Udyog Bhavan, 1st Floor, Off Senapati Bapat Marg, Opp Phoenix Mill,  
Lower Parel (W), Mumbai-400 013, INDIA.  
☎ +91-22-67674895 | ☎ +91-22-24354894 | 🌐 www.arihantinnochem.com



Date : 05/07/2015

To:

The Principal,

Vidya Bharati Mahavidyalaya,

C.K.Naidu Road, Camp, Amravati-444 602

Maharashtra

This is to certify that Hemraj Malode V.B.M.V, a student of 6<sup>th</sup> Semester B.Tech Cosmetics, Vidya Bharati Mahavidyalaya have undergone training in "Optimization of surfactant system through foam height evaluation for rinse off products and evaluate the conditioning effect on hair through Red dye test" at Arihant Innochem Pvt. Ltd. Lab for 1 month (23/05/2015 to 23/06/2015) satisfactorily.

During this period of her training programme with us she has been found punctual, hardworking and inquisitive.

We wish her success in life.

(Sarada Bose Ray)

Sr. Technical Manager-PHC



ARIHANT INNOCHEM PVT. LTD.

120, Vasan Udyog Bhavan, 1st Floor, Off Senapati Bapat Marg, Opp Phoenix Mill,  
Lower Parel (W), Mumbai- 400 013, INDIA

Tel: +91-22-6767 4895 | Fax: +91-22-2435 4894 | www.arihantinnochem.com



Date: 05/07/2015

To,

The Principal,

Vidya Bharati Mahavidyalaya,

C.K.Naidu Road, Camp, Amravati-444 602

Maharashtra

This is to certify that Ashwin Meshram V.B.M.V, a student of 6<sup>th</sup> Semester, B.Tech  
Cosmetics, Vidya Bharati Mahavidyalaya have undergone training in "Optimization of  
surfactant system through foam height evaluation for rinse off products and evaluate the  
conditioning effect on hair through Red dye test" at Arihant Innochem Pvt. Ltd. Lab for 1  
month (23/05/2015 to 23/06/2015) satisfactorily.

During this period of her training programme with us she has been found punctual,  
hardworking and inquisitive.

We wish her success in life.

(Sarada Bose Ray)

Sr. Technical Manager-PHC



ARIHANT INNOCHEM PVT. LTD.

120, Vasah Udyog Bhavan, 1st Floor, Off Senapati Bapat Marg, Opp Phoenix Mill,  
Lower Parel (W), Mumbai-400 013, INDIA

☎ +91-22-67674895 | ☎ +91-22-24994896 | 🌐 www.arihantinnochem.com



Date : 05/07/2015

To:

The Principal,

Vidya Bharati Mahavidyalaya,

C.K.Naidu Road, Camp, Amravati-444 602

Maharashtra

This is to certify that Naina Rai V.B.M.V, a student of 6<sup>th</sup> Semester, B.Tech  
Cosmetics, Vidya Bharati Mahavidyalaya have undergone training in "Optimization of  
surfactant system through foam height evaluation for rinse off products and evaluate the  
conditioning effect on hair through Red dye test" at Arihant Innochem Pvt. Ltd. Lab for 1  
month (23/05/2015 to 23/06/2015) satisfactorily.

During this period of her training programme with us she has been found punctual,  
hardworking and inquisitive.

We wish her success in life.

(Sarada Bose Ray)

Sr. Technical Manager-PHC



To,

Adarsh S. Shukla.

Harihar peth, oldcity,

Akola [444001].

**Sub: Offer Letter for Internship**

Dear Intern,

With reference to your application and subsequent interview with us. KnowMax Software OPC Pvt. Ltd. is pleased to offer you an educational internship opportunity as an intern. We feel that your skills and background will be valuable assets to our team.

You are shortlisted for 6 months Internship in our Company. The official working time is 10am to 6pm. The duration of your Internship is 5th January, 2015 to 5th July, 2015. Your reporting time is 9:30 am on dated 5<sup>th</sup> January, 2014.

Congratulations and welcome to the KnowMax team!

Please be informed, that your appointment stands canceled in case of adverse/ non-responsive reference & background check. In case, you do not join as stipulated, this appointment letter stands withdraw and no correspondence shall be entertained in this regards.

You shall be governed by all the prevalent policies and processes of the Company, which are subject to change at the sole discretion of the management from time to time.

**Confidentiality Clause:**

All the propriety information, confidential design data, customer and supplier database, drawings whether electronic and or printed form disclosed during the time of your employment are sole property of the Company and should not at any point in time, in any manner, be misused by you or communicated to anyone without the consent of the Company. The Company reserves the right to legal action in case of violation of this rule.

**Notice Period:**

Notice Period is of 1 month from the date of acceptance of your resignation. If you break the notice period, you need to pay ten thousand to the company. If you are not paying that amount, the company will have rights to the legal action in case of violation of this rule. We look forward to welcoming you as Interns at KnowMax Software's OPC Pvt. Ltd., Nagpur. If any query feel free to contact us.

Thanks & Regards,

HR Manager

KnowMax Software's OPC Pvt. Ltd.





To,  
**Anuradha M Surjuse**  
Nagpur.

**Sub: Offer Letter for Internship**

Dear Intern,

With reference to your application and subsequent interview with us. KnowMax Software OPC Pvt. Ltd. is pleased to offer you an educational internship opportunity as an intern. We feel that your skills and background will be valuable assets to our team.

You are shortlisted for 6 months Internship in our Company. The official working time is 10am to 6pm. The duration of your Internship is 5th January, 2015 to 5th July, 2015. Your reporting time is 9:30 am on dated 5<sup>th</sup> January, 2014.

Congratulations and welcome to the KnowMax team!

Please be informed, that your appointment stands canceled in case of adverse/ non-responsive reference & background check. In case, you do not join as stipulated, this appointment letter stands withdraw and no correspondence shall be entertained in this regards.

You shall be governed by all the prevalent policies and processes of the Company, which are subject to change at the sole discretion of the management from time to time.

**Confidentiality Clause:**

All the propriety information, confidential design data, customer and supplier database, drawings whether electronic and or printed form disclosed during the time of your employment are sole property of the Company and should not at any point in time, in any manner, be misused by you or communicated to anyone without the consent of the Company. The Company reserves the right to legal action in case of violation of this rule.

**Notice Period:**

Notice Period is of 1 month from the date of acceptance of your resignation. If you break the notice period, you need to pay ten thousand to the company. If you are not paying that amount, the company will have rights to the legal action in case of violation of this rule. We look forward to welcoming you as Interns at KnowMax Softwares OPC Pvt. Ltd., Nagpur. If any query feel free to contact us.

Thanks & Regards,

HR Manager  
KnowMax Softwares OPC Pvt Ltd.







To,

Prof.V.R. Dhawale

Professor & Head

Vidyabharti Mahavidyalaya, Amravati.

Respected Sir/Madam,

This is to inform you that.....

Miss Darshana Thakur

Has been approved to Join as Trainee Developer and continue the Academic Project as an Industrial Training to our organization Tanul Technologies (P) Ltd. from date 19.01.2015

*Tools Use*

Asp.net, C# &MS -SQL

With Best Regards,

Date: 14.01.2015

Rahul Ambhore

Director

Tanul Technologies Pvt. Ltd.

Amravati.



To,

Prof.V.R. Dhawale

Professor & Head

Vidyabharti Mahavidyalaya, Amravati.

Respected Sir/Madam,

This Is to Inform You That.....

Miss. Kavita Makode

Has been approved to Join as Trainee Developer and continue the Academic Project as  
an Industrial Training to our organization Tanul Technologies (P) Ltd. From date

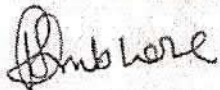
19.01.2015

*Tools Use*

Asp.net, C# & MS -SQL

With Best Regards,

Date: 14-01-2015



Rahul Ambhore

Director

Tanul Technologies Pvt. Ltd.

Amravati.



To,  
Krishna M Bang  
Nagpur.

**Sub: Offer Letter for Internship**

Dear Intern,

With reference to your application and subsequent interview with us. KnowMax Software OPC Pvt. Ltd. is pleased to offer you an educational internship opportunity as an intern. We feel that your skills and background will be valuable assets to our team.

You are shortlisted for 6 months Internship in our Company. The official working time is 10am to 6pm. The duration of your Internship is 5th January, 2015 to 5th July, 2015. Your reporting time is 9:30 am on dated 5<sup>th</sup> January, 2014.

Congratulations and welcome to the KnowMax team!

Please be informed, that your appointment stands canceled in case of adverse/ non-responsive reference & background check. In case, you do not join as stipulated, this appointment letter stands withdraw and no correspondence shall be entertained in this regards.

You shall be governed by all the prevalent policies and processes of the Company, which are subject to change at the sole discretion of the management from time to time.

**Confidentiality Clause:**

All the propriety information, confidential design data, customer and supplier database, drawings whether electronic and or printed form disclosed during the time of your employment are sole property of the Company and should not at any point in time, in any manner, be misused by you or communicated to anyone without the consent of the Company. The Company reserves the right to legal action in case of violation of this rule.

**Notice Period:**

Notice Period is of 1 month from the date of acceptance of your resignation. If you break the notice period, you need to pay ten thousand to the company. If you are not paying that amount, the company will have rights to the legal action in case of violation of this rule. We look forward to welcoming you as Interns at KnowMax Softwares OPC Pvt. Ltd., Nagpur. If any query feel free to contact us.

Thanks & Regards,

HR Manager  
KnowMax Softwares OPC Pvt Ltd.





To,  
Prof.V.R. Dhawale  
Professor & Head  
Vidyabharti Mahavidyalaya, Amravati.

Respected Sir/Madam,  
This is to inform you that.  
Miss Nikita Keshwani

Has been approved to Join as Trainee Developer and continue the Academic Project as  
an Industrial Training to our organization Tanul Technologies (P) Ltd. from date  
19.01.2015

*Tools Use*

Asp.net, C# &MS -SQL

With Best Regards,

Date: 14.01.2015

A handwritten signature in black ink, appearing to read 'Rahul Ambhore'.

Rahul Ambhore  
Director  
Tanul Technologies Pvt. Ltd.  
Amravati.

---

Plot No 29, Samatha Colony, Arun Colony Road, Vidyut Nagar, V.M.V. Road, Amravati - 444604  
E-mail - contact@tanultechnologies.com, Office Tel No : 0721 6006606  
www.tanultechnologies.com





To,

**Prof.V.R. Dhawale**

Professor & Head

Vidyabharti Mahavidyalaya, Amravati.

Respected Sir/Madam,

This Is to Inform You That.....

**Miss. Nupur Patil**

Has been approved to Join as Trainee Developer and continue the Academic Project as an Industrial Training to our organization Tanul Technologies (P) Ltd. From date 19.01.2015

*Tools Use*

Asp.net, C# &MS -SQL

With Best Regards,

Rahul Ambhore

Director

Tanul Technologies Pvt. Ltd.

Amravati.

Date: 14.01.2015

Plot No.29, Samatha Colony, Arun Colony Road, Vidyut Nagar, V.M.V. Road, Amravati - 444604

E-mail : [contact@tanultechnologies.com](mailto:contact@tanultechnologies.com), Office Tel No. : 0721 6006606

[www.tanultechnologies.com](http://www.tanultechnologies.com)





PERSISTENT

Reference: Persistent/Intern/DA00075978/0.2

Confidential

30-Dec-2014

**Ms. Poorva Bakshi**  
**28, shivarpn, patel nagar, sai nagar Amravati PIN - 444607 MH-IND**  
**Amravati**

Dear Poorva,

**Subject: Your Appointment as Intern**

**Congratulations!**

With reference to your application for internship and employment with us, and the subsequent selection process, we are pleased to inform you that you have been selected as Intern at grade 0.2 with Persistent Systems Limited (Company).

The duration of the internship will be for a period from **07-Jan-2015 to 10-Jul-2015**.

During the internship period you will be paid a consolidated stipend of Rs. **10,000** (Rupees Ten thousand only) per month. You will also be eligible for benefits such as free lunch, snacks, tea and coffee during your internship period.

We will assess your performance during the Internship Period. If your performance is found to be satisfactory and subject to organizational requirement and availability of suitable position, we may consider making a job offer to you as a regular employee at a later date.

**1. Working days**

Normal working days are Monday through Friday. Company observes Sunday as a compulsory weekly off and Saturday as the other weekly off day. The normal working hours are forty five hours per week.

**2. Holidays and Leaves**

During the leaves period, you will be eligible for leave as per Company's Leave policy. You will not be eligible for any other leave or compensatory off during internship period.

Page 1 of 3



PERSISTENT

### 3. Termination of Internship

The internship can be terminated with one week notice or Salary in lieu of the notice period on either side.

The Company can terminate your service without any notice period in case the internship is terminated on grounds of

- i. Breach of confidentiality or IP related obligations
- ii. Violation of law
- iii. Gross Misconduct
- iv. Material breach of Company policy.

In such event, the Company will not be liable to make payment in lieu of notice period.

In case the last day of your internship falls on a non-working day, your last day of employment shall be the immediate previous working day.

The internship period can be terminated by whatsoever reasons by either party by giving one week notice period.

### 4. Dispute Resolution

In case of any dispute or disagreement in relation to the terms of this offer or matters connected thereto, you agree to negotiate in good faith to resolve such dispute or disagreement. In case you and Company fail to settle the dispute/ disagreement amicably, the same may be exclusively referred to arbitration in accordance with the provisions of Arbitration and Conciliation Act, 1996 at Pune. Each party shall bear its own costs for arbitration.

Please contact Kalpana Kudlingar (Ph. No.+91-712-6692800) on the date of joining. We request you to report at 9 am at the address mentioned below for completion of joining formalities.

★ Persistent Systems Limited  
Plot No. 8 & 9, IT Park, MIDC, Parsodi, Nagpur, Maharashtra, India 440022.

### 5. Documents required at the time of joining

At the time of joining, the following original certificates/documents along with one photocopy should be furnished. Original certificates/documents will be returned to you after verification.

| Sr. No. | Description   |
|---------|---|
| 1       | Certificates of educational qualification - SSC (10th Equivalent), School leaving, HSC (12th equivalent). |
| 2       | Certificate of Graduation/Post Graduation and Mark Sheets   |
| 3       | 2 recent passport size colour photographs.  |
| 4       | Photo-attested bonafide certificate from college Principal  |





PERSISTENT

In token of your acceptance of this offer, please sign and return duplicate copy of this letter. Please contact Rahul Kahate, rahul\_kahate@persistent.com, 712-6692024 if you have any queries.

We welcome you to the Persistent family and look forward to a long and mutually rewarding association.

Yours sincerely,  
For Persistent Systems Limited

*Kaustubh Bhadbhade*

Kaustubh Bhadbhade  
Senior Manager - Human Resources

Acceptance of the offer

I have read and understood all the terms and conditions contained in this letter and agree to abide by the same. I am signing this letter as a token of my having accepted the offer and the terms and conditions set out in this letter.

Also, I hereby declare that nothing apart from the above mentioned clauses have been committed to me during the selection process.

I will join the Company on \_\_\_\_\_ (DD-MMM-YYYY).

Date:

Signature:

PERSISTENT

A  
PROJECT REPORT  
ON  
“A COMPARATIVE STUDY OF ONLINE SHARE TRADING  
COMPANIES WITH SPECIFIC REFERENCE TO AMRAVATI CITY”

Submitted by

Abhishek Ravindra Gupta

Ali Ashrab Ali Liyakat

Abhishek Shyam Sankat

Amol Ambadas Kadukar

Ajinkya Suresh Kawitkar

Anjali Vijaykumar Sadhwani

Akash Sureshkumar Basantwani

Ankush Shrikrushana Sarode

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Abhishek Ravindra Gupta, Abhishek Shyam Sankat ,Ajinkya Suresh Kawitkar, Akash Sureshkumar Basantwani, Ali Ashrab Ali Liyakat , Amol Ambadas Kadukar,Anjali Vijaykumar Sadhwani, Ankush Shrikrushana Sarode of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF ONLINE SHARE TRADING COMPANIES WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF EQUITY MUTUAL FUND OF TATA &  
HDFC WITH SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

Asmita Prithpal Monga

Barkha Vinod Daulatani

Barkha Rahandomal Sundrani

Bharat Rupchan Bhojwani

Bhushan Mohan Rathi

Gaurav Suresh Udasi

Gajanan Tarachand Rathod

Bhavana Suresh Kumar Dadlani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that **Asmita Prithpal Monga , Barkha Rahandomal Sundrani , Barkha Vinod Daulatani, Bharat Rupchan Bhojwani, Bhushan Mohan Rathi , Gajanan Tarachand Rathod , Gaurav Suresh Udasi ,Bhavana Suresh Kumar Dadlani** of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF EQUITY MUTUAL FUND OF TATA & HDFC WITH SPECIFIC REFERENCE TO AMRAVATI CITY** ”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF TAX SAVING SCHEMES MUTUAL  
FUND OF RELIANCE AND HDFC WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”**

Submitted by

Gaurav Ashok Jaisinghani

Gaurav Sharadrao Deshmukh

Harish Roopchand Krishwani,

Harsha Peshuram Harwani

Hemant Kishanlal Basantwani

Hitesh Ramchand Rawlani

Hassanjeer Mohammed Zueb

Hema Laxmandas Sambhwani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that **Gaurav Ashok Jaisinghani ,Gaurav Sharadrao Deshmukh,Harish Roopchand Krishwani,Harsha Peshuram Harwani,Hemant Kishanlal Basantwani, Hitesh Ramchand Rawlani, Hassanjee Mohammed Zueb ,Hema Laxmandas Sambhwani** of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF TAX SAVING SCHEMES MUTUAL FUND OF RELIANCE AND HDFC WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



A  
PROJECT REPORT  
ON  
“A STUDY OF TWO WHEELER LOAN SCHEMES OF SBI & HDFC  
BANK WITH SPECIFIC REFERENCE TO AMRAVATI CITY”

Submitted by

Jagrit Bhimandas Khatri

Jaza Qiyamuddin Qazi

Kajal Manoharlal Mandhan

Kamal Kishanchand Kukreja

Karina Shankarlal Shadi

Khushal Jayprakash Harwani

Kirti Anil Bharani

Kshitiya Dinkar Mohod

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**




**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Jagrit Bhimandas Khatri ,Jaza Qiyamuddin Qazi, Kajal Manoharlal Mandhan, Kamal Kishanchand Kukreja, Karina Shankarlal Shadi , Khushal Jayprakash Harwani, Kirti Anil Bharani ,Kshitiya Dinkar Mohod of class B.COM III has worked under my guidance to prepare this project report entitled “**A STUDY OF TWO WHEELER LOAN SCHEMES OF SBI & HDFC BANK WITH SPECIFIC REFERENCE TO AMRAVATI CITY**” . This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
**“A ROLE OF CREDIT CARDS IN REVENUE GENERATION OF  
B.S.N.L. WITH SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

Kushalata Anupkumar Jeevan

Minal Sudhakar Ghurade

Leena Subhashrao Madane

Mohammad Shoeb Abdulgafur

Mamta Rakesh Widhani

Mohammad sumer Riyaz Ahmad

Meenal Rajesh Zambani

Neha Dilipkumar Dodani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Kushalata Anupkumar Jeevan ,Minal Sudhakar Ghurade,Leena Subhashrao Madane ,Mohammad Shoeb Abdulgafur ,Mamta Rakesh Widhani, Mohammad sumer Riyaz Ahmad, Meenal Rajesh Zambani ,Neha Dilipkumar Dodani of class B.COM III has worked under my guidance to prepare this project report entitled “**A ROLE OF CREDIT CARDS IN REVENUE GENERATION OF B.S.N.L. WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



A  
PROJECT REPORT  
ON  
“A COMPARATIVE STUDY OF CREDIT CARDS OF BANKS OF  
BARODA & ICICI WITH SPECIFIC REFERENCE TO AMRAVATI  
CITY”

Submitted by

Neha Mohanlal Basantwani

Neha Tejbhan Bajaj

Nikhil Maheshkumar Jagmalani

Nilesh Suresh Atkare

Nisha Ramkumar Doba

Nisha Sundar Motwani

Pankaj Subhashra Patil

Pawan Satish Morwani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Neha Mohanlal Basantwani , Neha Tejbhan Bajaj, Nikhil Maheshkumar Jagmalani , Nilesh Suresh Atkare, Nisha Ramkumar Doba , Nisha Sundar Motwani, Pankaj Subhashra Patil, Pawan Satish Morwani of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF CREDIT CARDS OF BANKS OF BARODA & ICICI WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
“AN ANALYTICAL STUDY OF HOME LOANS PROVIDED BY STATE  
BANK OF INDIA IN AMRAVATI CITY”

Submitted by

Payal Girdharilal Sundrani

Payal Purushottam Dhawale

Payal Rewachand Bajaj

Payal Surendra Mattani

Piyush Brijkishor Mulani

Piyush Sureshkumar Kewalramani

Pooja Charandas Pachpor

Pooja Manoharrao Belkhode

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Payal Girdharilal Sundrani, Payal Purushottam Dhawale, Payal Rewachand Bajaj, Payal Surendra Mattani, Piyush Brijkishor Mulani, Piyush Sureshkumar Kewalramani, Pooja Charandas Pachpor , Pooja Manoharrao Belkhode of class B.COM III has worked under my guidance to prepare this project report entitled “AN ANALYTICAL STUDY OF HOME LOANS PROVIDED BY STATE BANK OF INDIA IN AMRAVATI CITY”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF RETAIL BANKING OF BANK OF  
MAHARASHTRA AND HDFC WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”**

Submitted by

Pooja Rajkumar Dodani

Pooja Shyam Chhutlani

Prajakta Pundlikrao Meshram

Prajakta Ranjan Raibagkar

Pranita Santoshsingh Parihar

Prasana Pramod Gulhane

Prashees Kailas Ingle

Priya Arun Somani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that *Pooja Rajkumar Dodani, Pooja Shyam Chhutlani, Prajakta Pundlikrao Meshram, Prajakta Ranjan Raibagkar, Pranita Santoshsingh Parihar, Prasana Pramod Gulhane, Prashees Kailas Ingle, Priya Arun Somani* of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF RETAIL BANKING OF BANK OF MAHARASHTRA AND HDFC WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya, Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
**“A STUDY OF EFFECTS OF ADVERTISEMENT OF MEN’S FAIRNESS  
CREAM ON CONSUMERS WITH SPECIAL REFERENCE TO EMAMI  
FAIR & HANDSOME CREAM AT AMRAVATI”**

Submitted by

Priya Narayan Kawalkar

Priya Shamanlal Chandwani

Priyanka Deepakkumar Takhtani

Priyanka Ganesh Jaiswal

Priyanka Hiralal Shukla

Puja Gowardhanrao Selokar

Rahul Mahesh Hemmani

Raksha Atmaram Zamnani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Priya Narayan Kawalkar, Priya Shamanlal Chandwani, Priyanka Deepakkumar Takhtani, Priyanka Ganesh Jaiswal, Priyanka Hiralal Shukla, Puja Gowardhanrao Selokar, Rahul Mahesh Hemmani , Raksha Atmaram Zamnani of class B.COM III has worked under my guidance to prepare this project report entitled “**A STUDY OF EFFECTS OF ADVERTISEMENT OF MEN’S FAIRNESS CREAM ON CONSUMERS WITH SPECIAL REFERENCE TO EMAMI FAIR & HANDSOME CREAM AT AMRAVATI**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



A  
PROJECT REPORT  
ON  
**“THE COMPARATIVE STUDY OF 4 WHEELER LOAN SCHEMES OF  
HDFC BANK & SBI WITH SPECIFIC REFERENCE TO AMRAVATI  
CITY”**

Submitted by

Reshma Ramchandra Borekar

Ritesh Ashokarao Agashe

Riya Sunilkumar Tardeja

Roshan Panjabrao Apale

Roshni Gopaldas Chhutlani

Rupali Pradiprao Sagane

Rupesh Deeliprao Thakare

Sagar Haridas Gulhane

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHA VIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Reshma Ramchandra Borekar, Ritesh Ashokarao Agashe, Riya Sunilkumar Tardeja, Roshan Panjabrao Apale, Roshni Gopaldas Chhutlani , Rupali Pradiprao Sagane, Rupesh Deeliprao Thakare, Sagar Haridas Gulhane of class B.COM III has worked under my guidance to prepare this project report entitled “**THE COMPARATIVE STUDY OF 4 WHEELER LOAN SCHEMES OF HDFC BANK & SBI WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
“A STUDY OF FINANCIAL INSTRUMENTS OF HOME LOAN IN  
NATIONALIZED BANKING SECTOR IN AMRAVATI CITY”

Submitted by

Sahebrao Babarao Bawane

Sameer Iqbal Panja

Sapna Naresh Pinjani

Shahrukh Syed Yousuf Syed

Shailesh Kailas Borekar

Shalaka Ravindra Dharmale

Sheetal Shyam Lalwani

Shivani Shyamsundar Sharma

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Sahebrao Babarao Bawane ,Sameer Iqbal Panja, Sapna Naresh Pinjani , Shahrukh Syed Yousuf Syed, Shailesh Kailas Borekar, Shalaka Ravindra Dharmale, Sheetal Shyam Lalwani , Shivani Shyamsundar Sharma of class B.COM III has worked under my guidance to prepare this project report entitled “**A STUDY OF FINANCIAL INSTRUMENTS OF HOME LOAN IN NATIONALIZED BANKING SECTOR IN AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
“A STUDY OF ABSENTEEISM IN LIC OF INDIA WITH SPECIAL  
REFERENCE TO AMRAVATI CITY”

Submitted by

Shraddha Arun Dagwar

Shraddha Hukumchand Gupta

Shubham Parashramji Ghagre

Shubham Raosaheb Bhure

Shubham Vijay Sahu

Somesh Narendra Mankar

Sonam Maheshlal Kukreja

Soniya Maheshkumar Godhwani

Soniya Vijaykumar Sewani

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**



# CERTIFICATE

This is to certify that Shraddha Arun Dagwar, Shraddha Hukumchand Gupta, Shubham Parashramji Ghagre, Shubham Raosaheb Bhure, Shubham Vijay Sahu, Somesh Narendra Mankar, Sonam Maheshlal Kukreja , Soniya Maheshkumar Godhwani, Soniya Vijaykumar Sewani of class B.COM III has worked under my guidance to prepare this project report entitled “A STUDY OF ABSENTEEISM IN LIC OF INDIA WITH SPECIAL REFERENCE TO AMRAVATI CITY”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF F.D.R. OF S.B.I. & OF U.L.P.P. OF HDFC  
WITH SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

Sonu Pawan Jaiswal

Sunny Gulabchand Pinjani

Sunny Vijaykumar Sewani

Surajkumar Gopichand Hasani

Surbhi Sureshkumar Jain

Swati Prakash Kothar

Tanvi Devidas Deshmukh

Tanya Rajendra Gulhane

Tarang Govardhandas Dhamecha

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

2014-15

# CERTIFICATE

This is to certify that *Sonu Pawan Jaiswal, Sunny Gulabchand Pinjani, Sunny Vijaykumar Sewani , Surajkumar Gopichand Hasani, Surbhi Sureshkumar Jain, Swati Prakash Kothar, Tanvi Devidas Deshmukh, Tanya Rajendra Gulhane, Tarang Govardhandas Dhamecha* of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF F.D.R. OF S.B.I. & OF U.L.P.P. OF HDFC WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF ONLINE BANKING SERVICES OF  
ICICI AND SBI WITH SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

Tarun Vasudeo Morwani

Vaibhav Nandkishor Kale

Vaibhav Vinayak Warhade

Vaishnavi Ranjitsingh Raghuwanshi

Varsha Deepak Bajaj

Vinita Jaiprakash Budhalani

Vivek Ram Chhabada

Raj Ramesh Pali

Vaibhav Ramchand Bajaj

Under the guidance of

Mr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2014-15**

# CERTIFICATE

This is to certify that Tarun Vasudeo Morwani , Vaibhav Nandkishor Kale, Vaibhav Vinayak Warhade , Vaishnavi Ranjitsingh Raghuwanshi , Varsha Deepak Bajaj, Vinita Jaiprakash Budhalani, Vivek Ram Chhabada, Raj Ramesh Pali, Vaibhav Ramchand Bajaj of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF ONLINE BANKING SERVICES OF ICICI AND SBI WITH SPECIFIC REFERENCE TO AMRAVATI CITY**”. This work embodied in this is original and was at department of Commerce, Vidya Bharati Mahavidyalaya , Amravati. This work has not been submitted in part or full to this or any other university for award of any other Degree/Diploma.



**Mr.S.K.Rodde**

**(Guided by)**



**Dr.P.W.Kale**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2014-15**



**VidyaBharatiMahavidyalaya, Amravati**

**Department of Electronics**

**B.Sc. Electronics- 2014-15**

**-Report-**

**Project allotted to B.Sc. Electronics- 2014-15**

This current academic year 2014-15 total 37 were students admitted to the B.Sc. - III Electronics programme. As the curriculum defined by SantGadge Baba Amravati University, Amravati, all students of B.Sc. Electronics(Semester-VI) were allotted total 07 different projects. The students have successfully completed their projects. The faculty members of Electronics department guided to students.

The list of students with their project titles is enclosed herewith.

**Head**

**Department of Electronics**  
Head of the Dept.  
Department of Electronics  
VBMV, Amravati

**VidyaBharatiMahavidyalaya, Amravati**

**Department of Electronics**

**B.Sc. Electronics- 2014-15**

**Project allotted to B.Sc. Electronics- 2014-15**

| <b>Sr.No.</b> | <b>Name of student</b>   | <b>Project title</b>   |
|---------------|--|--|
| 1.            | 1. Ku. M. P. khadke<br>2. R. G. Dubey<br>3. S.S. Tadas<br>4. N. A. Ali   | Wireless weather monitoring & data logging system              |
| 2.            | 1. Ku. P. M. Gorle<br>2. E.D. Turkhade<br>3. B. S. Parekh<br>4. PranitaKhobragade  | Detection of speed of vehicle on highway                       |
| 3.            | 1. Ku. P. S. Rajurkar<br>2. L. R. Nichal<br>3. N. L. Battule<br>4. S. J. Athawale  | Microcontroller based dual temperature meter with PC interface |
| 4.            | 1. Ku. S. G. Batra<br>2. Ku. D. A. Sojarani<br>3. Nikita Dubey<br>4. SeemaAmreen<br>5. AnkitaRaut<br>6. AkshataPatil                         | Smart card based door lock system                              |
| 5.            | 1. Mr. Tauseeqe Khan<br>2. AdalSayeed Khan<br>3. P. V. Duryodhan<br>4. A. B. Ramteke<br>5. S. S. Raut<br>6. M. N. Solanke                    | Microcontroller based heart beat monitor                       |
| 6.            | 1. R. V. Pande<br>2. Ku. S. S. Joat<br>3. S. V. Ujawane<br>4. A. B. Khaikar<br>5. N. L. Battule<br>6. S. V. Deogire<br>7. Ku. A. V. Narnware | Automatic street light on wind power                           |
| 7.            | 1. T. A. Fransin<br>2. A. C. Barne<br>3. S. S. Pohokar<br>4. A. S. Joshi<br>5. D. C. Bhujade<br>6. S. S. Belge                               | Automatic irrigation wireless robot                            |

  
**Head**

**Department of Electronics**  
Head of the Dept.  
Department of Electronics  
VBMV, Amravati

# **PROJECT REPORT**

**"CITATION ANALYSIS OF IASLIC BULLETIN DURING  
2011-2014".**

*A project to be submitted to the Sant Gadge Baba Amravati  
University, Amravati in partial fulfillment of requirement to the Degree  
of  
Master of Library & Information Science*

**Submitted by**

**Bhushan B. Raut**  
(M.L.I. Sc.)

**Under the Guidance of**  
**DR. G. J. RODE**



**Department of Library and Information Science  
Vidyabharti Mahavidyalaya, Amravati**

**2014 - 2015**



# PROJECT REPORT

## "USE OF INFORMATION AND COMMUNICATION TECHNOLOGY IN ACEDMIC LIBRARIES IN AMRAVATI CITY"

A project to be submitted to the Sant Gadge Baba Amravati  
University, Amravati in partial fulfillment of requirement to the Degree

Master of Library & Information Science

Submitted by

**DHIRAJ KUMAR SINGHARE**  
(M.L.I.S.)

Under the Guidance of

Dr. G. J. Rane  
Department of I.L.S.  
V. M. V. Amravati



Department of Library and Information Science  
Vidyabharti Mahavidyalaya, Amravati

2014 - 2015



# PROJECT REPORT

**"CITATION ANALYSIS OF ILM JOURNAL PUBLISHED  
DURING 2010 - 2014"**

**A project to be submitted to the Sant Gadge Baba Amravati University,  
Amravati in partial fulfillment of requirement to the Degree of  
Master of Library & Information Science**

Submitted by

**GANESH P. MANKAR  
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Under the Guidance of

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Amravati)**



**Department of Library and Information Science  
Vidyabharti Mahavidyalaya, Amravati**

**2014 - 2015**



# **PROJECT REPORT**

## **“LIBRARY AND INFORMATION SCIENCE EDUCATION IN MAHARASHTRA REGION A CRITICAL STUDY”**

*A project to be submitted to the Sant Gadge Baba Amravati University  
Amravati in partial fulfillment of requirement to the Degree of Master of  
Library and Information Science*

**Submitted By**  
**Mr. Ishwardas N. Zimte**  
**(M.L.I.Sc.)**

**Under Guidance of**  
**Prof. Mr. R. V. Tomar**



**DEPARTMENT OF LIBRARY AND INFORMATION  
SCIENCE VIDYABHARTI MAHAVIDYALAYA,  
AMRAVATI**

**2014-15**

**"A STUDY OF READING HABITS OF GRADUATION  
STUDENTS IN BRIJLAL BIYANI SCIENCE COLLEGE"**

**A**

**Dissertation**

Submitted to the Sant Gadgebaba Amravati University, Amravati

In the Partial Fulfillment of the requirement for the Degree of

***Master of Library and Information Science***

*Submitted By*

**Ku. Jagruti V. Gadekar**

*Under the Guidance of*

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**I/c Librarian, Vidyabharati Mahavidyalaya, Amravati.**

**Department of Library & Information Science**

**Vidyabharati Mahavidyalaya, Amravati.**

**(2014-15)**

# PROJECT REPORT

## **“INTERNET AND ITS USER IN THE VIDYA BHARTI PHARMACY COLLEGE OF AMRVATI CITY”**

*A project to be submitted to the Sant Gadge Baba Amravati University  
Amravati in partial fulfillment of requirement to the Degree of Master of  
Library and Information Science*

**Submitted By**  
**Mr. Mangesh M. Mogre**  
**(M.L.I.Sc.)**

**Under Guidance of**  
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**DEPARTMENT OF LIBRARY AND INFORMATION  
SCIENCE VIDYABHARTI MAHAVIDYALAYA,  
AMRAVATI**

**2014-15**



# PROJECT REPORT

**"STUDY OF OPEN ACCESS REPOSITORIES IN INDIA".**

*A project to be submitted to the Sant Gadge Baba Amravati*

*University, Amravati in partial fulfillment of requirement to the Degree*

*of*  
**Master of Library & Information Science**

Submitted by

**PANKAJ S. WANKHADE**

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Under the Guidance of

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College, Amravati)**



**Department of Library and Information Science  
Vidyabharti Mahavidyalaya, Amravati**

**2014 - 2015**

ग्रंथपालन व्यवसाय : प्रा. आर.टी. पाटील व्यक्तिमत्व आणि  
ग्रंथपालन व्यवसायातील त्यांचे योगदान , एक अभ्यास

## प्रकल्प अहवाल

“संत गाडगेबाबा अमरावती विद्यापिठ, अमरावती अंतर्गत ग्रंथालय आणि  
माहितीशास्त्र पारंगत पदवी प्राप्त करण्यासाठी अभ्यासाचा एक भाग म्हणुन  
सादर करण्यात येणारी प्रकल्प अहवाल”

विद्यार्थिनी

कु. प्रिती प्र. महल्ले

मार्गदर्शक

प्रा. आर.बी. जतकर



ग्रंथालय व माहिती विज्ञान विभाग,  
विद्याभारती महाविद्यालय, अमरावती.

२०१४-२०१५

कु. प्रिती प्र. महल्ले

(विद्यार्थिनी)

प्रा. आर.बी. जतकर

(मार्गदर्शक)



# **Project Report**

## **COMPILATION OF DIRECTORY OF Ph.D. THESES ON LIBRARY AND INFORMATION SCIENCE AWARDED IN 2005-2014 BIBLIOMETRIC STUDY**

**PROJECT SUBMITTED TO SANT GADGE BABA  
AMRAVATI UNIVERSITY, AMRAVATI FOR THE DEGREE  
OF MASTER OF LIBRARY AND INFORMATION SCIENCE.**

**Submitted by**

**Ms. Rupali S. Gaud**

**M.L.I. Sc.**

**Under the supervision of**

**Prof. R. B. Jatkar**

**Vidya Bharati Mahavidyalaya,**

**Amravati**

**Department of Library and Information Science**

**Vidya Bharati Mahavidyalaya, Amravati**

**2014-2015**

**SERVICES AND FACILITIES AVAILABLE IN  
ENGINEERING AND POLYTECHNIC COLLEGE  
LIBRARIES IN AMRAVATI CITY: A STUDY**

**A**

**REPORT OF PROJECT WORK**

Submitted in partial fulfillment of the requirement for the degree  
of

**Master of**

**LIBRARY AND INFORMATION SCIENCE**

*Submitted by*

**Miss.Snehal N.Joshi**

Under the guidance of

**Dr.Sanjay N. Wagh**

**Librarian**

**Sant Gadge Maharaj Mahaviyalaya, Walgaon**



**Department Of Library and Information Science,**

**Vidyabharati Mahavidyalaya, Amravati**

**2014-2015**