



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: [vbmvm.org](http://vbmvm.org)

**Project work/field work/internship**

**Proofs**

**2018-19**

**A  
PROJECT REPORT  
ON**

**“Study of Optical Properties of PVA Polymer Electrolyte  
doped with  $\text{LiClO}_4$ ”**

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



**Submitted By  
*Mr. Ashish Chetankumar Upadhyay***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. R. V. Joat**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that **Mr. Ashish Chetankumar Upadhyay** of this institute has carried out project work on **“Study of Optical Properties of PVA Polymer electrolyte doped with  $\text{LiClO}_4$ ”** under the guidance of **Dr. R. V. Joat**, Associate Professor Department of Physics, Vidyabharati Mahavidyalaya, Amravati during the academic session 2018-19. 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:

  
**DR. R. V. Joat**

M.Sc., Ph.D.

Supervisor

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

  
**Dr. T. S. Wasnik**

M.Sc., Ph.D.

Head

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of ZnO Nanoparticles  
using Sol-Gel Method”**

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



**Submitted By  
*Asna Gazal***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. G.T. Lamdhade**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

### CERTIFICATE

This is to certify that Asna Gazal of this Institute has carried out a project work on "Synthesis and Characterization of ZnO Nanoparticles using Sol-Gel Method" under Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



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



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



**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of ZnO Nanoparticles using  
Precipitation Method”**

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



**Submitted By  
*Ms. Amrutasingh J. Rajput*  
M.Sc. –II ( Physics )**

**Supervisor  
Dr. A. S. Wadatkhar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

## **CERTIFICATE**


This is to certify that **Ms. Amrutasingh J. Rajput** of this institute has carried out a project work on **"Synthesis and Characterization of ZnO Nanoparticles by using Precipitation Method"** under **Dr.A.S.Wadtkar** Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of Sant Gadge Baba Amravati University, Amravati.



**Dr. T. S. Wasnik**

**Head**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**Dr.A.S.Wadtkar**  
**Assistant Professor**  
Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



# PROJECT REPORT

ON

**"Study Of synthesis and characterization of  $\text{TiO}_2$   
nanoparticles by ultrasonicator method"**

**Master of Science (Physics)**

**Submitted in the Partial Fulfillment for the degree of  
Sant Gadge Baba Amravati University, Amravati**



**Submitted By**

**Miss Aishwarya Manoj Deshmukh  
M.Sc.-II**

**Supervisor**

**Dr. A. S. Wadtkar**

**M.Sc. ph. D**

**DEPARTMENT OF PHYSICS  
VIDYABHARATI MAHAVIDYALAYA, AMRAVATI.  
2018-2019**



## CERTIFICATE

This is to certify that Miss Aishwarya Manoj Deshmukh of this institute has carried out project work on "Study of synthesis and characterization of  $\text{TiO}_2$  nanoparticles by ultrasonicator method" under the guidance of Dr. A. S. Wadtkar, Associate Professor Department of Physics, Vidyabharati Mahavidyalaya, Amravati during the academic session 2018-19. 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: 10/6/19



**DR. A. S. Wadtkar**

M.Sc., Ph.D

Supervisor

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.



**Dr. T. S. Wasnik**

M.Sc., Ph.D

Head

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

**A  
PROJECT REPORT  
ON**

**“SYNTHESIS AND APPLICATION OF MgO  
NANOPARTICLE USING SOL-GEL METHOD”**

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



**Submitted By  
Miss. Ashwini Vijay Karsade  
M.Sc. -II.( Physics )**

**Supervisor  
Mr. Abhishek M. Bawiskar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**


**2018-2019**

## CERTIFICATE


This is to certify that Miss. Ashwini V. Karsade of this institute has carried out a project work on "SYNTHESIS AND APPLICATION OF MAGNESIUM OXIDE BY SOL-GEL METHOD" under the guidance of Mr. A. M. Bawiskar, Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-19. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati

Date: 10/06/2019



**Dr. T. S. Wasnik**  
M.sc. Ph.D  
Head  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**Mr. A. M. Bawiskar**  
M.sc.  
Supervisor  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**A  
PROJECT REPORT  
ON  
“Synthesis and Characterization of MgO Nanoparticle using  
sol-gel method”**

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



**Submitted By  
Ms. Bhagyashri M. Vinchurkar  
M.Sc. –II ( Physics )**

**Supervisor  
Dr. A. S. Wadatkhar**


**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.  
2018-2019**

## CERTIFICATE


This is to certify that Ms. Bhagyashri M. Vinchurkar of this institute has carried out a project work on "Synthesis and Characterization of MgO Nanoparticles" under Dr. A. S. Wadtkar, Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-19. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.

Place: Amravati

Date:

  
Dr. T.S. Wasnik  
Head

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati

  
Dr. A. S. Wadtkar  
Assistant professor

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati



**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of ZnO Nanoparticles using  
Precipitation Method”**

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



**Submitted By  
*Mr. Chetan Gajanan Panchwate***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. G.T. Lamdhade**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that Mr. Chetan Gajanan Panchwate of this Institute has carried out a project work on "Synthesis and Characterization of ZnO Nanoparticles using Precipitation Method" under Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



(Dr. T. S. Wasnik)

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

Head

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(Dr. G.T. Lamdhade)

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

Associate Professor

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati

**A  
PROJECT REPORT  
ON  
"TO STUDY ELECTRICAL PROPERTIES OF POLYMER, PVC  
AND PMMA BLENDS "**

**Submitted in the partial fulfillment for the degree of  
Master of Science (Physics)  
Sant Gadge Baba Amravati University, Amravati**



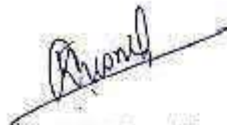
Submitted by  
Miss. HARSHALI M.RATHOD  
M.Sc.II (Physics)

Supervisor  
Dr. R.V. Waghmare

DEPARTMENT OF PHYSICS  
VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI  
2018-2019

## CERTIFICATE

This is to certify that **Ms. Harshali M. Rathod** of this institute has carried out a project work on "**Study of electrical properties of polymer, PVC and PMMA blend**" under **Dr. R.V. Waghmare**, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2019-2020. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in **PHYSICS** in the Faculty of Science of Sant Gadge Baba Amravati University, Amravati.



**Dr. T. S. Wasnik**

**Head**

Department of Physics,  
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**Dr. R.V. Waghmare**

**Associate Professor**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**A  
PROJECT REPORT  
ON  
“TO STUDY THE AC CONDUCTIVITY OF ZnO  
DOPED POLYANILINE”**

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



**Submitted By  
Ms. JAVERIYA ANAM**

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. T. S. Wasnik**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

## CERTIFICATE

This is to certify that Ms. JAVERIYA ANAM of this institute has carrying out a project work on **"TO STUDY AC CONDUCTIVITY OF ZnO DOPED POLYANILINE"** under guidance of Dr. T.S. Wasnik, Head of the Department of Physics, VidyaBharati Mahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc) in PHYSICS** in the faculty of science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**




**Dr. T. S Wasnik.**

**Head**

Department of physics

VidyaBharati Mahavidyalaya, Amravati



**Dr. T. S Wasnik**

**Supervisor**

Department of physics

VidyaBharati Mahavidyalaya, Amravati



**A  
PROJECT REPORT  
ON**

**“Synthesis of ZnO Nanoparticles and Study of Gas Sensing  
Properties to sense NH<sub>3</sub> Gas ”**

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



**Submitted By  
*Ms. Lakshmi S. Purohit***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. K. B. Raulkar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

## CERTIFICATE

This is to certify that Ms. **Lakshmi S. Purohit** of this institute has carrying out a project work on "**Synthesis of ZnO Nanoparticles and Study of Gas Sensing Properties to sense NH<sub>3</sub> Gas**" under guidance of **Dr. K. B. Raulkar**, Department of Physics, Vidyabharati Mahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfilment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.)** in **PHYSICS** in the faculty of science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.



**Dr. T. S. Wasnik**

M.Sc., Ph.D.

**Head**

Department of physics

Vidya Bharati Mahavidyalaya, Amravati



**Dr. K.B. Raulkar**

M.Sc., SET, Ph.D.

**Supervisor**

Department of physics

Vidya Bharati Mahavidyalaya, Amravati



**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles  
using Sol-Gel Method”**

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



**Submitted By  
*Malika E Aram Ashfaque Mohammed***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. G. T. Lamdhade**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

### CERTIFICATE

This is to certify that of this Institute **Malika E Aram Ashfaque Mohammed** has carried out a project work on "Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles using Sol-Gel Method" under Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



(Dr. T. S. Wasnik)

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

Head

Department of Physics,

Vidya Bharati Mahavidyalaya,

Amravati



(Dr. G.T. Lamdhade)

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

Associate Professor

Department of Physics,

Vidya Bharati Mahavidyalaya

Amravati



**A PROJECT REPORT  
ON  
"To study Electrical properties of Polymer, PVC and EC blend"**  
**Submitted in the partial fulfillment for the degree of Master of Science  
(Physics)  
Sant Gadge Baba Amravati University, Amravati**



**Submitted by  
Ms. Manisha Mahesh Bodulwar  
M.Sc.II (Physics)**

**Supervisor  
Dr. R.V. Waghmare  
Department of Physics  
Vidya Bharati Mahavidyalaya, Amravati  
(December 2018)**

## CERTIFICATE

This is to certify that **Ms. Manisha Mahesh Bodulwar** of this institute has carried out a project work on "**Study of electrical properties of polymer, PVC and EC blend**" under **Dr.R.V. Waghmare**, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of Sant Gadge Baba Amravati University, Amravati.



**Dr. T. S. Wasnik**  
**Head**  
Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**Dr. R.V. Waghmare**  
**Associate Professor**  
Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**A  
PROJECT REPORT  
ON**

**“Study of electrical conductivity of solid polymer based PVA  
based proton electrolyte”**

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



**Submitted By  
Miss Nida Aafreen Sarfaraz Baig  
M.Sc. –II ( Physics )**

**Supervisor  
Dr. R. V. Joat**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

### CERTIFICATE

This is to certify that of this Institute **Malika E Aram Ashfaque Mohammed** has carried out a project work on "Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles using Sol-Gel Method" under Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



(Dr. T. S. Wasnik)

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

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(Dr. G.T. Lamdhade)

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

Associate Professor

Department of Physics,

Vidya Bharati Mahavidyalaya

Amravati



**A  
PROJECT REPORT  
ON**

***“TO STUDY THE DC CONDUCTIVITY OF ZnO DOPED  
POLYANILINE”***

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



**Submitted By  
Ms. Neha P. Chanadak  
M.Sc. -II ( Physics )**

**Supervisor  
Dr. T. S. Wasnik**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.  
2018-2019**

## CERTIFICATE

This is to certify that Ms. Neha P. Chandak of this institute has carried out a project work on **"TO STUDY DC CONDUCTIVITY OF ZnO DOPED POLYANILINE"** under guidance of Dr. T.S. Wasnik, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc) in PHYSICS** in the faculty of science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.**



**Dr. T. S Wasnik**  
**Head**  
Department of physics  
Vidya Bharati Mahavidyalaya, Amravati



**Dr. T. S. Wasnik**  
**Supervisor**  
Department of physics  
Vidya Bharati Mahavidyalaya, Amravati



**A  
PROJECT REPORT  
ON**

**“TO STUDY THE AC ELECTRICAL CONDUCTIVITY OF  
POLYPYRROLE BASED COMPOSITES”**

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



**Submitted By  
MR. PRATIK PANDURANGJI KURWADE**

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. T. S. Wasnik  
(M.Sc., Ph.D.)**

**DEPARTMENT OF  
DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.  
2018-2019**

## CERTIFICATE

This is to certify that MR. PRATIK PANDURANGJI KURWADE of this Institute has carried out a project work on "TO STUDY THE AC ELECTRICAL CONDUCTIVITY OF POLYPYRROLE BASED COMPOSITES" under Dr. T. S. Wasnik, Head of Department of Physics, VidyaBharatiMahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati

Date: 10/06/19



**Dr. T. S. Wasnik**

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

**Head**

Department of Physics,  
Vidya Bharat Mahavidyalaya,  
Amravati



**Dr. T. S. Wasnik**

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

**Head**

Department of Physics,  
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Amravati



**A  
PROJECT REPORT  
ON**

**“Synthesis of  $\text{TiO}_2$  Nanoparticles and Study of Gas  
Sensing Properties to sense  $\text{NH}_3$  Gas ”**

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



**Submitted By  
Ms. Punam Pradip Mahajan**

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. K. B. Raulkar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

## CERTIFICATE

This is to certify that Ms. PunamPradip Mahajan of this institute has carrying out a project work on "To Synthesis of  $\text{TiO}_2$  Nanoparticles and to Characterize Gas Sensing Properties of  $\text{NH}_3$  Gas" under guidance of Dr. K. B. Raulkar, Department of Physics, VidyabharatiMahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the faculty of science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.



**Dr. T. S. Wasnik**  
M.Sc. Ph.D.  
**Head**  
Department of physics  
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Amravati



**Dr. K. B. Raulkar**  
M.Sc., SET, Ph.D.  
**Supervisor**  
Department of physics  
Vidyabharati Mahavidyalaya,  
Amravati



**A  
PROJECT REPORT  
ON**

**“SYNTHESIS AND APPLICATION OF MgO  
NANOPARTICLE USING SOL-GEL METHOD”**

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



**Submitted By  
Miss. Pranjali S. Hadole  
M.Sc. -II ( Physics )**

**Supervisor  
Mr. Abhishek M. Bawiskar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

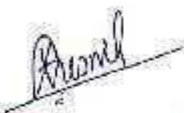


## CERTIFICATE


This is to certify that Miss. Pranjali S. Hadole of this institute has carried out a project work on "SYNTHESIS AND APPLICATION OF MAGNESIUM OXIDE BY SOL-GEL METHOD" under the guidance of Mr. A. M. Bawiskar, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-19. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place: Amravati

Date:



**Dr. T. S. Wasnik**  
M.sc. Ph.D  
Head  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.



**Mr. A. M. Bawiskar**  
M.sc.  
Supervisor  
Department of Physics,  
VidyaBharati Mahavidyalaya,  
Amravati.

## PROJECT REPORT

ON

**"Synthesis of  $V_2O_5$  Nanoparticles and Study of Gas Sensing  
Properties to sense  $NH_3$  Gas "**

Submitted in the partial fulfillment for the degree of Master of Science in Physics  
SantGadge Baba Amravati University, Amravati.



Submitted by

Mr. Prathamesh S. Wagh

M.Sc-II (Physics)

Supervisor

Dr. K. B. Raulkar

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

Department of Physics

Vidyabharati Mahavidyalaya, Amravati

2018-2019

## CERTIFICATE

This is to certify that Mr. Prathamesh S. Wagh of this institute has carrying out a project work on "Synthesis of  $V_2O_5$  Nanoparticles and Study of Gas Sensing Properties to sense  $NH_3$  Gas" under guidance of Dr. K. B. Raulkar, Department of Physics, Vidyabharati Mahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfilment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc) in PHYSICS** in the faculty of science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.



**Dr. T. S. Wasnik**

M.Sc., Ph.D.

**Head**

Department of physics  
VidyaBharati Mahavidyalaya, Amravati



**Dr. K. B. Raulkar**

M.Sc., SET, Ph.D.

**Supervisor**

Department of physics  
VidyaBharati Mahavidyalaya, Amravati



**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles  
using Sol-Gel Method”**

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

**Sant Gadge Baba Amravati University, Amravati.**



**Submitted By**

***Mr. Subodh Diliprao Chaudhari***

**M.Sc. –II ( Physics )**

**Supervisor**

**Dr. G. T. Lamdhade**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**

## CERTIFICATE

This is to certify that Mr. Subodh Diliprao Chaudhari of this Institute has carried out a project work on "Synthesis and Characterization of TiO<sub>2</sub> Nanoparticles using Sol-Gel Method" under Dr. G.T. Lamdhade, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



(Dr. T. S. Wasnik)

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

Head

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



(Dr. G. T. Lamdhade)

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

Associate Professor

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**A PROJECT REPORT**  
**ON**  
**"To study Electrical properties of Polymer, PVC and PS**  
**blend"**

**Submitted in the partial fulfillment for the degree of Master of Science**  
**(Physics)**  
**Sant Gadge Baba Amravati University, Amravati**



**Submitted by**  
**Ms. Shamli Jitendra Tiwari**  
**M.Sc.II (Physics)**

**Supervisor**  
**Dr. R.V. Waghmare**  
**Department of Physics**  
**Vidya Bharati Mahavidyalaya, Amravati**  
**(May2019)**



## CERTIFICATE

This is to certify that **Ms. Shamli J. Tiwari** of this institute has carried out a project work on "**Study of electrical properties of polymer, PVC and PS blend**" under **Dr. R.V. Waghmare**, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2019-2020. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of Sant Gadge Baba Amravati University, Amravati.



**Dr. T. S. Wasnik**

**Head**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**Dr. R.V. Waghmare**

**Associate Professor**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati

**A  
PROJECT REPORT  
ON**

**“Synthesis and characterization of Mgo Nanoparticle  
using sol-gel method”**

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



**Submitted By  
Ms. Sneha K. Rokade  
M.Sc. –II ( Physics )**

**Supervisor  
Mr. Abhishek M. Bawiskar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that Ms. Sneha K. Rokade of this institute has carried out a project work on "Synthesis and Characterization of Mgo Nanoparticles" under A. M. Bawiskar, Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-19. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.

Place: Amravati

Date: 10.06.2019



**Dr. T.S. Wasnik**  
**Head**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**prof. A. M. Bawiskar**  
**Assistant professor**  
Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati

**A  
PROJECT REPORT  
ON**

**“Synthesis of SnO<sub>2</sub> Nanoparticles and Study of Gas  
Sensing Properties to Sense NH<sub>3</sub> Gas ”**

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



**Submitted By**

***Mr. Swapnil P. Sonawane***

**M.Sc. –II ( Physics )**

**Supervisor**

**Dr. K. B. Raulkar**


**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that Mr. Swapnil P. Sonawane of this institute has carrying out a project work on "Synthesis of SnO<sub>2</sub> Nanoparticles and Study of Gas Sensing Properties to sense NH<sub>3</sub> Gas" under guidance of Dr. K. B. Raulkar, Department of Physics, Vidyabharati Mahavidyalaya, Amravati, during academic session 2018-2019. The work has been done in partial fulfilment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the faculty of science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.



Dr. T. S. Wasnik

M.Sc., Ph.D.

Head

Department of physics

Vidya Bharati Mahavidyalaya, Amravati



Dr. K.B. Raulkar

M.Sc., SET, Ph.D.

Supervisor

Department of physics

Vidya Bharati Mahavidyalaya, Amravati

**A PROJECT REPORT**

**ON**

**"To study Electrical properties of Polymer, PVC and PS blend"**

**Submitted in the partial fulfillment for the degree of Master of Science  
(Physics)**

**Sant Gadge Baba Amravati University, Amravati**



***Submitted by***

***Ms. Shubhada Ramesh Thakare***

***M.Sc. II (Physics)***

**Supervisor**

**Dr. R.V. Waghmare**

**Department of Physics**

**Vidya Bharati Mahavidyalaya, Amravati**

**(December 2018)**



## CERTIFICATE

This is to certify that **Ms. Shubhada Ramesh Thakare** of this institute has carried out a project work on **"Study of electrical properties of polymer, PVC and PS blend"** under **Dr. R.V. Waghmare**, Associate Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of Sant Gadge Baba Amravati University, Amravati.



**Dr. T. S. Wasnik**

Head

Department of Physics,

Vidya Bharati Mahavidyalaya,

Amravati



**Dr. R.V. Waghmare**

Associate Professor

Department of Physics,

Vidya Bharati Mahavidyalaya,

Amravati

**A  
PROJECT REPORT  
ON**

**“Synthesis and Characterization of MgO Nanoparticle using  
sol-gel method”**

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



**Submitted By  
Ms. Trupti B. Malpe  
M.Sc. -II ( Physics )**

**Supervisor  
Mr. A. M. Bawiskar**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that **Ms. Trupti B. Malpe** of this institute has carried out a project work on "**Synthesis and Characterization of MgO Nanoparticles**" under **Mr. A. M. Bawiskar**, Assistant Professor, Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-19. The work has been done in partial fulfillment of the requirement for the award of degree of **MASTER OF SCIENCE (M.Sc.) in PHYSICS** in the Faculty of Science of **SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**.

Place: Amravati

Date:



**Dr. T.S. Wasnik**

**Head**

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati



**Mr. A. M. Bawiskar**

**Assistant professor**

Department of Physics,  
Vidya Bharati Mahavidyalaya, Amravati

**A  
PROJECT REPORT  
ON  
“TO STUDY THE DC ELECTRICAL CONDUCTIVITY  
OF POLYPYRROLE BASED COMPOSITES”**

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



**Submitted By  
MR. VISHAL DEVRAO SONUNE**

**M.Sc. –II ( Physics )**

**Supervisor  
DR. T. S. WASNIK**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## **CERTIFICATE**

This is to certify that **MR.VISHAL DEVRAO SONUNE** of this Institute has carried out a project work on "TO STUDY THE DC ELECTRICAL CONDUCTIVITY OF POLYPYRROLE BASED COMPOSITES" under the guidance of Dr. T. S.Wasnik Head Department of Physics, Vidya Bharati Mahavidyalaya, Amravati, during the academic session 2018-2019. The work has been done in partial fulfillment of the requirement for the award of degree of MASTER OF SCIENCE (M.Sc.) in PHYSICS in the Faculty of Science of SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

Place :- Amravati

Date :- 18/06/2019



**Dr. T. S. Wasnik**  
(M.Sc., Ph.D.)

**Head**

Department of Physics,  
Vidya Bharati Mahavidyalaya,  
Amravati



**Dr.T. S. Wasnik**  
(M.Sc., Ph.D.)

**Head**

Department of Physics  
Vidya Bharati Mahavidyalaya,  
Amravati

**A  
PROJECT REPORT  
ON**

**“Study of Optical Properties of PVA Polymer Electrolyte  
doped with  $\text{LiClO}_4$ ”**

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



**Submitted By  
*Miss. Vishakha Gajananrao Bhande***

**M.Sc. –II ( Physics )**

**Supervisor  
Dr. R. V. Joat**

**DEPARTMENT OF PHYSICS  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.**

**2018-2019**



## CERTIFICATE

This is to certify that **Miss. Vishakha Gajananrao Bhande** of this institute has carried out project work on “**Study of Optical Properties of PVA Polymer electrolyte doped with  $\text{LiClO}_4$** ” under the guidance of **Dr. R. V. Joat**, Associate Professor Department of Physics, Vidyabharati Mahavidyalaya, Amravati during the academic session 2018-19. 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:

  
**DR. R. V. Joat**

M.Sc., Ph.D.

Supervisor

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

  
**Dr. T. S. Wasnik**

M.Sc., Ph.D.

Head

Department of Physics,  
Vidyabharati Mahavidyalaya,  
Amravati.

**PROJECT REPORT**  
**ON**  
**TOURISM MANAGEMENT SYSTEM**

*Submitted by*  
**Ku.Nutan C. Dhawale**  
**Ku.Vaishnavi D. Joshi**  
**Ku.Sankita M. Aurangpure**

*Guided BY*  
**Prof. M.S. Sharma**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
**2018- 2019**



# CERTIFICATE

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

has been submitted by

Ku. Nutan C. Dhawale

Ku. Vaishnavi D. Joshi

Ku. Sanita M. Aurangpure

of Third Year B.C.A. (Sem - II) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



Prof. M.S. Sharma  
Project Guide

Prof. Dr. V.R. Dhawale  
Head of Deptt

External Examiner

Prof. V.N. Mohod  
Course Coordinatore

Dr. F.C. Bagnuwanishi  
Principal

PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**CABLE OPERATOR MANAGEMENT SYSTEM**

*Submitted by*  
*Izram Fatima Abdul Razzaque*  
*Nusrat Aafrin Mohammad Shakur*

*Guided BY*  
**PROF A.N.PATIL**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

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



2018- 2019

## CERTIFICATE

This is to certify that the Project Report on  
**"CABLE OPERATOR MANAGEMENT  
SYSTEM"**

has been submitted by

Izram Fatima Abdul Razzaque

Nusrat Aafrin Mohammad Shakur

of Third Year B.C.A.(Sem - 6) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patil*  
25/3/19

Prof. A.N.PATIL  
Project Guide

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Deptt

*[Signature]*

External Examiner

*[Signature]*  
25/3/19

Prof. V.N. Mohod  
Course Coordinatore

Dr. F.C. Raghuvanshi  
Principal

*[Signature]*  
Principal  
Vidyabharati Mahavidyalaya  
AMRAVATI

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT  
ON  
Self Medic (An Android App)**

*Submitted by*  
**Pooja Wankhade  
Pooja Dhande  
Vrushali Madghe**

*Guided BY*  
**Prof. Amolika Patil**



**Department of Computer Application  
B C A COURSE  
(Faculty of Science)**

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**“Self Medic (An Android App)”**

has been submitted by

Pooja Wankhade

Pooja Dhande

Vrushali Madghe

of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patil*  
27/8/19

Prof. Amolika Patil  
Project Guide

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Department

*[Signature]*

External Examiner

*[Signature]*  
27/8/19

Prof. V.N. Mohod  
Course Coordinatore

Dr. F.C. Raghuwanshi  
Principal

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

*[Signature]*  
Vidya Bharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**  
**ON**  
**Online Job Portal**

*Submitted by*  
**Akash Ravindra Kapse**  
**Shubham Eknathrao Shrirao**  
**Alisha Raju Shrungare**

*Guided BY*  
**Prof. Apurva R. Raut**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444602.

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on

## **“Online Job Portal”**

Has been submitted by

Akash Ravindra Kapse

Shubham Eknathrao Shrirao

Alisha Raju Shrungare

of Third Year B.C.A.(Sem – VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

### **Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. During the academic year 2018-19



*Paul*  
21-03-19

Prof. A.R. Raut  
Project Guide

Prof. Dr. V.R. Dhawale  
Head of Dept.

*Shree*

External Examiner

*Omme*  
21/03/19

Prof. V.N. Mohod  
Course Coordinator

Dr. F.C. Raghuwanshi  
Principal

*V.R.*  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT  
ON  
PROJECT MANAGEMENT SYSTEM**

*By  
Mr. Ashwin Dhamecha  
Mr. Rohan Bhale  
Mr. Adarsh Sarode*



**Department of Research and PG Studies & Management  
B C A PROGRAMME**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018-19



# CERTIFICATE

*This is to certify that the Project Report on*

## **"PROJECT MANAGEMENT SYSTEM"**

*has been submitted by*

**Mr. Ashwin Dhamecha**

**Mr. Rohan Bhale**

**Mr. Adarsh Sarode**

*of Third Year B.C.A III (Sem – VI) in a satisfactory manner under my supervision  
and guidance in the partial fulfillment of the Subject Mini Project for the degree of  
Bachelor of Computer Application*

*Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19*



*A.D. Nichale*  
25/03/19

Prof. A.D. Nichale  
Project Guide

*[Signature]*

External Examiner

*[Signature]*  
26/3/2019

Prof. V.N. Mohod  
Course Coordinator

*[Signature]*

Prof. Dr. V.R. Dhawale  
Head of Dept

Dr. F.C. Raghuwanshi  
Principal

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
**2018 - 2019**

*[Signature]*

PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**  
**ON**  
**“Online Stationery System”**

*Submitted by*

Nidhi M. Mantri  
Disha P. Kedra  
Priya M. Chawari

*Guided BY*  
**Prof.S.K.Totade**



**Department of Computer Application**  
**BCA COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"Online Stationery System"**

has been submitted by

Miss Nidhi M. Mantri

Miss Disha P. Kedia


Miss Priya M, Chawrai

of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of


**Bachelor of Computer Application**

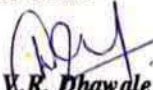
Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



  
Prof. S.K. Totade  
Project Guide

  
External Examiner

  
Prof. V.N. Mohod  
Course Co-ordinator

  
Prof. Dr. V.R. Dhawale  
Head of Dept

Dr. F.C. Raghuwanshi  
Principal

  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**MY HOTEL MY MENU**

*Submitted by*

*Name of Student*

Shaikh Aadil Husain

Azhar Husain

Satyam S.Patil

*Guided BY*

*Bhushan padar*



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**2018- 2019**



# CERTIFICATE

*This is to certify that the Project Report on*

## **"MY HOTEL MY MENU"**

*has been submitted by*

*Mr. Shaikh Aadil Husain*

*Mr. Azhar Husain Afzal Husain*

*Mr. Satyam S. Patil*

*of Third Year B.C.A. (Sem – VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of*

*Bachelor of Computer Application*

*Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19*



*[Signature]*  
26/3/2019  
Prof. Bhushan Padar  
Prof. Name of Guide

*[Signature]*  
External Examiner

*[Signature]*  
20/3/19  
Prof. V.N. Mohod  
Course Coordinatore

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Dept

Dr. F.C. Raghuwanshi  
Principal

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

*[Signature]*  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

**A  
PROJECT REPORT  
ON  
“TRAINING AND PLACEMENT OFFICE”**

**Submitted by,**

**Ms. Anuja Jaiswal  
Ms. Sakshi Pochchhi**

**Under the guidance of  
Prof. Monika sharma**



**Department of Computer Application  
B C A COURSE  
(Faculty of Science)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018- 2019**



**CERTIFICATE**

This is to certify that the Project Report on

**"Training and placement office"**

has been submitted by

Ms. Anuja Jaiswal and Ms. Sakshi Pochchhi of Third Year B.C.A. (Sem - II) in  
a satisfactory manner under my supervision and guidance in the partial  
fulfillment of the Subject Mini Project for the degree of

*Bachelor of Computer Application*

Sant Gadge Baba Amravati University, Amravati. during the academic year

2018-19



*[Signature]*  
External Examiner

*[Signature]*  
27-05-19  
Prof. V.N. Mohod  
Course Coordinator

*[Signature]*  
Prof. Monika sharma  
Project guide

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Deptt

Dr. F.C. Raghuwanshi  
Principal

*[Signature]*  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAVATI - 444 602.

2018 - 2019

**A  
PROJECT REPORT  
ON  
“DISH AREA AND CUSTOMER MANAGEMENT  
SYSTEM”**

**Submitted by,**

**Ms. Shruti Katkar  
Ms. Rasika Marathe  
Ms. Komal Uke**

**Under the guidance of  
Prof. A. N. Patil**



**Department of Computer Application  
B C A COURSE  
(Faculty of Science)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018- 2019**



## CERTIFICATE

This is to certify that the Project Report on  
**"Dish Area And Customer Management System"**

has been submitted by

Miss. Shruti Katkar

Miss. Rasika Marathe

Miss. Komal Uke

of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini  
Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic  
year 2018-19



*Patil*  
27/3/19

Prof. A.N. Patil  
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*Mohod*  
27.3.19

Prof. V.N. Mohod  
Course Coordinator

*Dhawale*  
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*Principal*  
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Department of Computer Application  
(B C A COURSE) Vidyabharati Mahavidyalaya  
**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**A  
PROJECT REPORT  
ON  
“E-COMPLAINT MANAGER FOR  
SMART CITY”**

**Submitted by,**

*Mr. Ankit Ramdas Dhande*

*Mr. Anurag Anil Shrivastava*

*Mr. Prashant Gajanan Sapkal*

**Under the guidance of**

**Prof. A. R. Raut**



**Department of Computer Application**

**B C A COURSE**

**(Faculty of Science)**

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**AMRAVATI - 444 602.**

**2018- 2019**



# CERTIFICATE

*This is to certify that the Project Report on*

**"E-COMPLAINT MANAGER FOR SMART CITY"**

*has been submitted by*

Mr. Ankit Ramdas Dhande  
Mr. Anurag Anil Shrivastava  
Mr. Prashant Gajanan Sapkal

*of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my supervision  
and guidance in the partial fulfillment of the Subject Mini Project for the  
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**Bachelor of Computer Application**

*Sant Gadge Baba Amravati University, Amravati. during the academic year  
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*Aaul -*  
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2018 - 2019

# **PROJECT REPORT**

**ON**

## **Banking Portal**

Submitted by,

Mr. Mufaddal Mizwan

Mr. Govind Thakare

Mr. Hritik Shah

Under the guidance of

**Prof A.D.Nichale**



**Department of Computer Application**

**BCA Course**

**(Faculty of Science)**

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**2018 - 2019**



## CERTIFICATE

This is to certify that the Project Report on

### "BANKING PORTAL"

has been submitted by Mr. Mufaddal Mizwan, Mr. Govind Thakare and Mr. Hritik Shah of class BCA III has worked under my guidance to prepare this project report entitled "Banking Portal Application". This work embodied in this is original and was at Department of Computer Application, Vidyabharati Mahavidyalaya Camp, Amravati. This work has not been submitted in part or full to this or any other university for Award or any other Degree/Diploma.



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26/03/19

Prof. A.D. Nichale

(Guided by)

V.N. Mohod  
27.3.19

Prof. V.N. Mohod

(Course Co-ordinator)

V.R. Dhawale

Prof. V.R. Dhawale

(H.O.D)

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Dr. F.C. Raghuwanshi

(Principal)

F.C. Raghuwanshi  
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C.K. NAIDU ROAD, CAMP,

AMRAVATI - 444602

2018 - 2019

Vidyabharati Mahavidyalaya  
AMRAVATI

**PROJECT REPORT**  
**ON**  
**CABLE OPERATOR MANAGEMENT SYSTEM**

*Submitted by*  
*Izram Fatima Abdul Razzaque*  
*Nusrat Aafrin Mohammad Shakur*

*Guided BY*  
**PROF A.N.PATIL**



**Department of Computer Application**  
**B C A COURSE**  
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2018- 2019

## CERTIFICATE

This is to certify that the Project Report on

### **“CABLE OPERATOR MANAGEMENT SYSTEM”**

has been submitted by

Izram Fatima Abdul Razzaque

Nusrat Aafrin Mohammad Shakur

of Third Year B.C.A.(Sem – 6) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patil*  
25/3/19

Prof. A.N.PATIL  
Project Guide

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External Examiner

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Course Coordinatore

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PROJECT REPORT  
ON  
Boutique Management System

*Submitted by*  
Apurva Y.Borkar  
Minal D.Manmode  
Nikita D.Thakare

*Guided BY*  
Prof.Monika Sharma



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**CERTIFICATE**

This is to certify that the Project Report on

**"Boutique Management System"**

has been submitted by

Miss. Apurva Y. Borkar, Miss. Minal D. Manmode, Miss. Nikita D. Thakare of Third Year B.C.A. (Sem - II) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



Prof. Monika sharma  
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External Examiner

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AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**“ONLINE FOOD ORDERING SYSTEM”**

*Submitted by*  
Mr. Makarand P. Undre  
Mr. Rohit R. Bannore  
Mr. Lokesh D. Khandar

*Guided BY*  
**Prof. A. D. NICHALE**



**Department of Computer Application**  
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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"ONLINE FOOD ORDERING SYSTEM"**

has been submitted by

Mr. Makrand P. Undre

Mr. Rohit R. Bannore

Mr. Lokesh D. Khandar

of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini

Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic year

2018-19



*A. D. Nichale*  
25/03/19  
Prof. A. D. Nichale  
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External Examiner

*[Signature]*  
28/03/19  
Prof. V.N. Mohod  
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AMRAVATI

**PROJECT REPORT**  
**ON**  
**Employee Record Keeping System**

*Submitted By*  
**Vaibhav S. Bhagat**

*Guided By*  
**Apurva Raut Mam**



**Department of Computer Application**  
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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"Employee Record Keeping System"**

has been submitted by

Mr. Vaibhav S. Bhagat

of Third Year B.C.A.(Semester – VI) in a satisfactory manner under my supervision  
and guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati, during the academic year 2018-19



*Paul*  
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Prof. Apurva Raut  
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*PROJECT REPORT*  
**ON**  
**Real Estate Web Application**

Submitted by  
Mayur N. Sagane

Rohit H. Kore

Pranjal R. Nimkar

Guided BY  
Prof.V N. Mohod



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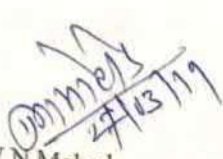
**2018- 2019**




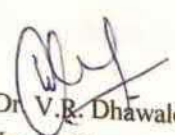
# CERTIFICATE

This is to certify that the Project Report on "Real Estate Web Application" has been submitted by Mr. Mayur N. Sagane, Mr. Rohit H. Kore, Mr. Pranjal R. Nimkar of Third Year B.C.A.(Sem - VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of Bachelor of Computer Application Sant Gadge Baba Amravati University, Amravati during the academic year 2018-19



  
Prof. V.N. Mohod  
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2018 - 2019

**PROJECT REPORT**  
**ON**  
**BIKE GARAGE MANAGEMENT**

*Submitted by*

Shubham R. Jawanjal  
Vyankatesh J. Kawase  
Vrushabh V. Gulalkari

*Guided BY*

Prof. A.D.NICHALE



**Department of Computer Application**

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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"BIKE GARAGE MANAGEMENT"**

has been submitted by

Mr. Shubham R. Javvahal, Mr. VYankatesh J. Kawase and Mr. Vrushabh V. Gulalkari of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of Bachelor of Computer Application, Sant Gadge Baba Amravati University, Amravati during the academic year 2018-19



*A. D. Nichale*  
25/03/19  
Prof. A. D. Nichale  
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2018 - 2019

Dr. F.C. Raghuwanshi  
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AMRAVATI

**PROJECT REPORT**  
**ON**  
**CURRENCY CONVERSION SYSTEM**

*Submitted by*

**Mr. Ketankumar Pusdekar**  
**Mr. Rushikesh Chaudhari**  
**Mr. Vedant Tidke**

*Guided BY*

**Prof. Anurag Dwivedi Sir**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
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2018- 2019



## CERTIFICATE

This is to certify that the Project Report on  
**"CURRENCY CONVERSION SYSTEM"**

Has been submitted by

Mr. Ketankumar Pusdekar  
Mr. Rushikesh Chaudhari  
Mr. Vedant Tidke

of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. During the academic year 2018-19



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External Examiner

Prof. V.N. Mohod  
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Prof. Dr. V.R. Bhawale  
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Dr. F.C. Raghuwanshi  
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**Department of Computer Application (B C A COURSE)**

**VIDYA BHARATI MAHAVIDYALAYA,**

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2018 - 2019

**PROJECT REPORT**  
**ON**  
**STORE MANAGEMENT SYSTEM**

*Submitted by*  
**KUSHAL H. WASRANI**

*Guided BY*  
**ANURAG M. DWIVEDI**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**“STORE MANAGEMENT SYSTEM”**

has been submitted by

Mr. KUSHAL .H. WASRANI

of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

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Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



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2018 - 2019

PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

# **PROJECT REPORT**

## **ON**

### **“E-Locker”**

Submitted By  
**Mr. Ajinkya S. Chitanvis**  
**Mr. Abdul Matin Shah**  
**Mr. Kuldip B. Thool**

Guided By  
**Prof. Sunita Totade**



**Department of Computer Application**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**

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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on

**“E-Locker”**

Submitted by

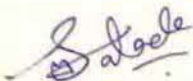
Mr. Ajinkya S. Chitanvis


Mr. Abdul Matin Shah


Mr. Kuldip B. Thool


of Third Year B.C.A.(Sem – VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of Bachelor of Computer Application Sant Gadge Baba Amravati University, Amravati. During the academic year 2018-19



  
Prof. Sunita Totade  
Project Guide

  
External Examiner

  
Prof. V.N. Mohod  
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Prof. Dr. V.R. Dhawale  
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Department of Computer Application

**VIDYA BHARATI MAHAVIDYALAYA,**

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

2018 - 2019

**PROJECT REPORT**  
**ON**  
**CABLE OPERATOR MANAGEMENT SYSTEM**

*Submitted by*  
*Izram Fatima Abdul Razzaque*  
*Nusrat Aafrin Mohammad Shakur*

*Guided BY*  
**PROF A.N.PATIL**



**Department of Computer Application**  
**B C A COURSE**  
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2018- 2019

## CERTIFICATE

This is to certify that the Project Report on  
**"CABLE OPERATOR MANAGEMENT  
SYSTEM"**

has been submitted by

Izram Fatima Abdul Razzaque

Nusrat Aafrin Mohammad Shakur

of Third Year B.C.A.(Sem - 6) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of  
Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Prof. A.N. Patil*  
25/3/19

Prof. A.N.PATIL  
Project Guide

*Prof. Dr. V.R. Dhawale*  
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Department of Computer Application  
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VIDYA BHARATI MAHAVIDYALAYA,  
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2018 - 2019

**PROJECT REPORT  
ON  
Medical Management System**

*Submitted by*  
**Mr. Shrikant G. Alone**  
**Mr. Prajwal S. Golhar**  
**Mr. Vishal M. Dahapute**

*Guided BY*  
**Prof. A.D. Nichale**



**Department of Computer Application**  
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C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
**2018- 2019**

# CERTIFICATE

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

has been submitted by

Mr. Shrikant G. Alone

Mr. Prajwal S. Golhar

Mr. Vishal M. Dahapute

of Third Year B.C.A.(Sem - VI) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini  
Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic  
year 2018-19



*Asichau*  
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External Examiner

*Chen*  
Prof. Dr. V.R. Dhawale  
Head of Dept

*Chen*  
22/03/19  
Prof. V.N. Mohod  
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*Chen*  
Principal  
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Department of Computer Application  
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VIDYA BHARATI MAHAVIDYALAYA,  
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AMRAVATI - 444 602.  
2018 - 2019



**PROJECT REPORT**  
**ON**  
**“Web Based Claim Processing System”**

Submitted by  
Miss.Sonu Suthar  
Miss.Vaishnavi Ladke

Guided BY  
Prof.S.B.Bele



Department of Computer Application  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. NAIDU ROAD, CAMP,  
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**2018- 2019**

# CERTIFICATE

This is to certify that the Project Report on  
**"Web Based Claim Processing System"**

has been submitted by

Miss.Sonu Suthar and Miss.Vaishnavi Ladke of the Students  
of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Sanghvi*  
27-3-19  
Prof. S.B.Bele  
Project Guide

*[Signature]*  
External Examiner

*[Signature]*  
27/3/19  
Prof. V.N. Mohod  
Course Coordinatore

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Deptt

Dr. F.C. Raghuvanshi  
Principal

*[Signature]*  
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Department of Computer Application  
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2018 - 2019

**PROJECT REPORT**  
**ON**  
**BLOOD BANK MANAGEMENT SYSTEM**

*Submitted by*

*Mr. Love Santosh Gupta*

*Mr. Harshad Prakash Ubale*

*Mr. Sufiyan Mujeeb Khan*

*Guided BY*

*Prof. A.R. Raut*



**Department of Computer Application**  
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C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"Blood Bank Management System"**

has been submitted by

Mr. Love S. Gupta

Mr. Harshad P. Ubale

Mr. Sufiyan M. Khan

of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati.

during the academic year 2018-19



*Aaut*  
26-03-19

Prof. Apurva Raut  
Project Guide

*Shree*  
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*V.N. Mohod*  
26/03/19  
Prof. V.N. Mohod  
Course Coordinatore

*Dr. V.R. Dhawale*  
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Dr. F.C. Raghurwanshi  
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(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

A  
PROJECT REPORT  
ON  
**FROOM – Find Room Online**

Submitted By:

Mr. Sumedh S. Patil

Mr. Saurabh Y. Bansod

Mr. Vaibhav S. Shelke

Guided by

*Prof. V.N.Mohod*



**Department of Computer Application**

**BCA COURSE**

**(Faculty of Science)**

**VIDYA BHARATI MAHAVIDYALAYA,**

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

2018-2019

# CERTIFICATE

This is to certify that the Project Report on  
**"FROOM – Find Room Online"**

has been submitted by

Mr. Sumedh S. Patil

Mr. Saurabh Y. Bansod

Mr. Vaibhav S. Shelke

of Third Year B.C.A. (Sem - III) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini  
Project for the degree of **Bachelor of Computer Application**  
Sant Gadge Baba Amravati University, Amravati. during the academic  
year 2018-19



*[Signature]*  
22/5/19

Prof. V.N. Mohod  
Project Guide & Course Coordinatore

*[Signature]*  
External Examiner

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Deptt

Dr. F.C. Raghuwanshi  
Principal

Department of Computer Application  
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VIDYA BHARATI MAHAVIDYALAYA  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

*[Signature]*  
PRINCIPAL  
Vidya Bharati Mahavidyalaya  
AMRAVATI



# PROJECT REPORT

ON

## STEGANOGRAPHY

(A new technique to hide information within image file)

*Submitted by*  
**Sakshi A. Ganorkar**  
**Raksha P. Gode**

*Guided BY*  
**Prof. Apurva R. Raut**



**Department of Computer Application**  
**B C A COURSE**  
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**VIDYA BHARATI MAHAVIDYALAYA,**

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AMRAVATI - 444 602.

2018- 2019

1 /

# CERTIFICATE

This is to certify that the Project  
Report on

## STEGANOGRAPHY

Has been submitted by

MS.Sakshi A.Ganorkar

M.S Raksha P. Gode

Of Third Year B.C.A. (Sem – VI) in a satisfactory manner under my supervision and  
guidance in the partial fulfilment of the Subject Mini Project for the degree of

Bachelor of Computer  
Application

Sant. Gadge Baba Amravati University, Amravati. During the academic year 2018-19



*A.R. Raut*  
26-03-19

Prof. A.R.Raut

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Prof. Dr. V.R. Dhawale

(Head of Deptt.)

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External Examiner

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2018 - 2019

2

*[Signature]*  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI

A  
PROJECT REPORT  
ON  
Download Manager

Submitted by  
Harish R. Shete  
Sagar A. Chopade  
Rupesh S. Pophale

Guided BY  
Prof. A. N. Patil Mam



Department of Computer Application  
B C A COURSE  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
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2018- 2019



# CERTIFICATE

This is to certify that the Project Report on

## **"Download Manager"**

has been submitted by

Mr. Harish R. Shete,

Mr. Rupesh S. Pophale

Mr. Sagar A. Chopade

of Third Year B.C.A.(Sem - VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patel*  
27/3/19

Prof. A. N. Patil  
Project Guide

*Shete*

External Examiner

*Mohod*  
27/3/19

Prof. V.N. Mohod  
Course Coordinatore

*Dhawale*  
Prof. Dr. V.R. Dhawale  
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*F.C. Raghuvanshi*  
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C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**Online Airticket Reservation System**

*Submitted by*  
**1/Shivam Sunil Dubey**  
**2/Pavan Gopal Katta**  
**3/Sahil Sunil Jaiswal**

*Guided BY*  
**Bhushan R. Padar Sir**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**

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**2018- 2019**

# CERTIFICATE

This is to certify that the Project Report on  
**"Online Airticket Reservation  
System"**

has been submitted by

Mr. Shivam Sunil Dubey

Mr. Pavan Gopal Katta

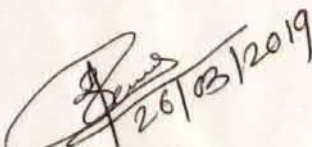
Mr. Sahil Sunil Jaiswal


of Third Year B.C.A.(Sem - VI) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini  
Project for the degree of


**Bachelor of Computer Application**

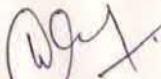
Sant Gadge Baba Amravati University, Amravati. during the academic  
year 2018-19



  
26/03/2019  
Prof. Bhushan R. Padar  
Project Guide

  
External Examiner

  
27/03/19  
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2018 - 2019



**PROJECT REPORT**  
**ON**  
**HOTEL ADMINISTRATION**

*Submitted by*  
**Sakshi S. Samdekar**  
**Mayuri P. Deshmukh**  
**Unnati G. Sarode**

*Guided BY*  
**Ms.M.S.Sharma**



**Department of Computer Application**  
**B C A COURSE**  
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**2018- 2019**

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This is to certify that the Project Report on

## **"Hotel Administration"**

has been submitted by

Ms. Sakshi S. Samdekar

Ms. Mayuri P. Deshmukhi

Ms. Unnati G. Sarode

Third Year B.C.A. (Sem - II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

at Gadge Baba Amravati University, Amravati. during the academic year 2018-19



Ms. M. S. Sharma  
Name of Guide

External Examiner

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Course Coordinator

Prof. Dr. V. R. Dhawale  
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Dr. F. C. Raghunandani

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2018 - 2019

**PROJECT REPORT**  
**ON**  
**“GROCERY AT HOME”**

*Submitted by*  
*Saniya Parveen*  
*Madhu kahar*  
*Sheikh Mohd Imran*

*Guided BY*  
*Prof. Monika S Sharma*



**Department of Computer Application**  
**B C A COURSE**  
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**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on

## "Grocery At Home"

has been submitted by

Saniya Parveen

Madhu kahar

Sheikh Mohd Imran

of Third Year B.C.A. (Sem – VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati, during the academic year 2018-19



Prof. Monika S.Sharma

Project Guide

Prof. V.N. Mohod

Course Coordinatore

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Head of Deptt

Dr. F.C. Raghuwanshi

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2018 – 2019

**PROJECT REPORT**  
**ON**  
**"STUDY MATERIAL FOR VBMV STUDENT"**

*Submitted by*  
**ASMITA KANDALKAR**  
**NIKITA KHUJE**  
**SMITA SATPUTE**

*Guided BY*  
**PROF. BHUSHAN R. PADAR**



**Department of Computer Application**  
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**2018- 2019**

# CERTIFICATE

This is to certify that the Project Report on  
**"Study Material For VBMV Student"**

has been submitted by

Miss. Asmita Kandalkar

Miss. Nikita Khuje

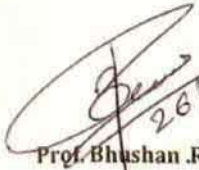
Miss. Smita Satpute

of Third Year B.C.A. (Semester II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati, during the academic year 2018-19



  
26/03/2019

Prof. Bhushan R. Padar


Project Guide



External Examiner

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Dr. F.C. Raghuwanshi

  
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AMRAVATI



PROJECT REPORT  
ON  
"CLINIC MANAGEMENT SYSTEM"

*Submitted by*  
Miss Janhavi B. Deshpande  
Miss Samruddhi A. Deshmukh  
Miss Apurva N. Muley

*Guided BY*  
Prof. B.R. Padar



Department of Computer Application  
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(Faculty of Science)  
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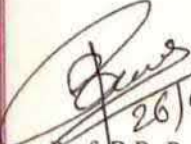
This is to certify that the Project Report on  
**"Clinic Management System"**

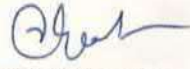
has been submitted by

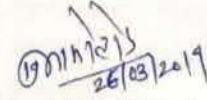
Miss Janhavi Deshpande, Miss Samruddhi Deshmukhi, Miss Apurva Muley  
of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision  
and guidance in the partial fulfillment of the Subject Mini Project for the  
degree of **Bachelor of Computer Application**

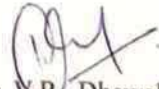
Sant Gadge Baba Amravati University, Amravati. during the academic year  
2018-19

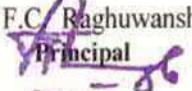


  
26/03/2019  
Prof. B.R. Padar  
Project Guide

  
External Examiner

  
26/03/2019  
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Dr. F.C. Raghuwanshi  
  
Principal  
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Department of Computer Application  
(BCA COURSE)

VIDYA BHARATI MAHAVIDYALAYA,  
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AMRAVATI - 444 602.  
2018 - 2019

Project Report  
On  
**“Multiplex Online Movie  
Ticket Booking”**

*Submitted by*

**Mr. Saurabh V. Khelkar**

**Mr. Narendra R. Hinge**

**Mr. Dhiraj R. Zawar**

*Guided BY*

**Mrs. A. N. Patil**



**Department of Computer Application**  
**B C A COURSE**  
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AMRAVATI - 444 602.**

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on

## **“Multiplex Online Movie Ticket Booking”**

has been submitted by

**Mr. Saurabh V. Kshelkar, Mr. Narendra R. Hinge, Mr. Dhiraj R. Zawar**  
of Third Year B.C.A. (Sem -VI) in a satisfactory manner under my supervision and guidance in the  
partial fulfillment of the Subject Mini Project for the degree of **Bachelor of Computer Application**  
Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patil*  
27/3/19

Prof. A. N. Patil  
Project Guide

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Dept.

*[Signature]*  
External Examiner

Principal

*[Signature]*  
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Prof. V.N. Mohod  
Course Coordinatore

*[Signature]*  
Dr. F.C. Raghunathan  
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**Department of Computer Application  
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**VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019**

**PROJECT REPORT**  
**ON**  
**Multiplex Ticket Booking System**

*Submitted by*  
1/Manish Sunil Dange  
2/Leena Rajkumar Shriwas  
3/Priya Harish Kathalkar

*Guided BY*  
**Prof. Bhushan R. Padar Sir**



**Department of Computer Application**  
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This is to certify that the Project Report on  
**"Multiplex Ticket Booking System"**

has been submitted by

Mr. Manish Sunil Dange

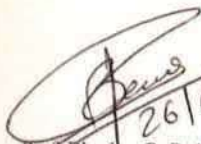
Miss. Leena Rajkumar Shriwas


Miss. Priya Harish Kathalkar


of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of  
**Bachelor of Computer Application**

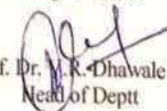
Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



  
26/03/2019  
Prof. Bhushan R. Padar  
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2018 - 2019

  
Dr. F.C. Raghunathi  
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AMRAVATI



**PROJECT REPORT**  
**ON**  
**CRIMINAL SEARCH ENGINE**

*Submitted by*  
**Megha S. Adhasure**  
**Vaishnavi R. Gandeche**

*Guided BY*  
**Prof. Anurag M. Dwivedi**



**Department of Computer Application**  
**B C A COURSE**  
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AMRAVATI - 444 602,  
**2018- 2019**

# CERTIFICATE

This is to certify that the Project Report on  
**"Criminal search engine"**

has been submitted by

Ms. Megha S. Adhapure

Ms. Vaishnavi R. Gandecha

of Third Year B.C.A. (Sem - VI) in a satisfactory manner under my  
supervision and guidance in the partial fulfillment of the Subject Mini


Project for the degree of


Bachelor of Computer Application

Sant Gadge Baba Amravati University, Amravati. during the academic year


2018-19



  
Prof. Anurag M. Dwivedi  
Project Guide

  
Prof. Dr. V.R. Dhawale  
Head of Deptt

  
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Prof. V.N. Mohod  
Course Coordinatore

Dr. F.C. Raghuwanshi  
Principal

  
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Department of Computer Application  
(B C A COURSE)  
VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**Development of secured social media**

*Submitted by*  
**Farheen Shaikh**  
**Vedanti Nagrecha**  
**Hemali Bais**

*Guided BY*  
**S.B.Bele**



**Department of Computer Application**  
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**2018- 2019**



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This is to certify that the Project Report on  
**"Development of secured social media"**

has been submitted by

Mis. Farheen Shaikh

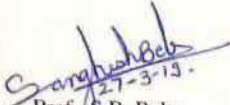
Mis. Vedanti Nagrechia


Mis. Hemali Bais


of Third Year B.C.A. (Sem VI) in a satisfactory manner under my supervision and  
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**Bachelor of Computer Application**

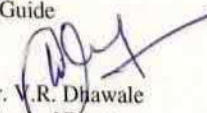
Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



  
Prof. S.B. Bele  
Project Guide

  
External Examiner

  
Prof. V.N. Mohod  
Course Coordinatore

  
Prof. Dr. V.R. Dhawale  
Head of Deptt

Dr. F.C. Raghuwanshi  
Principal

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VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
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2018 - 2019

**PROJECT REPORT  
ON  
"STUDENT FEES MANAGEMENT  
SYSTEM"**

*Submitted by*

**1. POOJA M. BURGHATE  
2. AISHWARYA P. LOKHANDE  
3. VAISHNAVI S. KAWARE**

*Guided BY*

**Prof. A.N.Patil**



**Department of Computer Applications  
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(Faculty of Science)**

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

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on  
**"STUDENT FEES MANAGEMENT  
SYSTEM"**

has been submitted by

1. POOJA M. BURGHATE
2. AISHWARYA P. LOKHANDE
3. VAISHNAVI S. KAWARE

of Third Year B.C.A. (Sem - II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Applications**

Sant Gadge Baba Amravati University, Amravati. during the academic year 2018-19



*Patil*  
27/3/19

Prof. A.N. Patil  
Project Guide

*[Signature]*  
Prof. Dr. V.R. Dhawale  
Head of Dept

*[Signature]*

External Examiner

*[Signature]*  
27.03.19

Prof. V.N. Mohod  
Course Coordinator

Department of Computer Application  
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C. K. NAIDU ROAD, CAMP,  
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2018 - 2019

Dr. F.C. Raghuwanshi  
Principal

*[Signature]*  
PRINCIPAL  
Vidyabharati Mahavidyalaya  
AMRAVATI



**PROJECT REPORT**  
**ON**  
**“ONLINE STUDENT LEAVE MANAGEMENT SYSTEM”**

*Submitted by*  
**Mr.Abdul Arbaaz**  
**Mr.Syed Usama**

*Guided By*  
**Prof. Sunita Totade**



**Department of Computer Application**  
**B C A COURSE**  
(Faculty of Science)

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
**2018- 2019**

# CERTIFICATE

This is to certify that the Project Report on  
**"ONLINE STUDENT LEAVE MANAGEMENT SYSTEM"**

has been submitted by

Mr. Abdul Arbaaz

Mr. Syed Usama

of Third Year B.C.A.(Sem – II) in a satisfactory manner under my supervision and  
guidance in the partial fulfillment of the Subject Mini Project for the degree of

**Bachelor of Computer Application**

Sant Gadge Baba Amravati University, Amravati.

during the academic year 2018-19



Prof. Sunita Totade  
Name of Guide

Prof. Dr. V.R. Bhawale  
Head of Dept

External Examiner

Prof. V.N. Mohod  
Course Coordinatore

Dr. F.C. Raghuvanshi  
Principal  
**Vidyabharati Mahavidyalaya  
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C. K. NAIDU ROAD, CAMP,  
AMRAVATI - 444 602.  
2018 - 2019

**PROJECT REPORT**  
**ON**  
**“HOSPITAL MANAGEMENT”**

*Submitted by*  
**Yash .G.Keche**  
**Gaurav .R.Keche**  
**Vaibhav .J.Uike**

*Guided By*  
**Prof. A. D. Nichale**



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

**AMRAVATI - 444 602.**

**2018- 2019**



# CERTIFICATE

This is to certify that the Project Report on

"Name of Project"  
**HOSPITAL MANEGMENT SYSTEM**

has been submitted by

Mr. YashJanardhanKeche,

Mr. GauravRangraoKeche,

Mr. VaibhavJaiprakashUike

of Third Year B.C.A.(Sem -VI) in a satisfactory manner under my supervision and guidance in the partial fulfillment of the Subject Mini Project for the degree of **Bachelor of Computer Application** SantGadge Baba Amravati University, Amravati. during the academic year 2018-19



*A.D. Nichale*  
26/03/19

Prof. A.D. Nichale

Project Guide

*[Signature]*

External Examiner

*[Signature]*  
27/03/19

Prof. V.N. Mohod

Course Coordinator

*[Signature]*

Dr. V.R. Dhawale

Head of Dept.

Dr. F.C. Raghuwanshi

Principal

**Department of Computer Application**  
**(B C A COURSE)**  
**VIDYA BHARATI MAHAVIDYALAYA,**

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

2018 - 2019

# **“INCREDIBLE INDIA”**

A

## **PROJECT REPORT**

Submitted by,

**Ms.Sneha K. Aharwar**

**Ms.Nishigandha G. Kamble**

**Mr.YashrajSingh Shekhawat**

Under the guidance of

**Prof. S.B. Sarvaiya**

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2018-2019**



## CERTIFICATE

This is to certify that Ms.Sneha K.Aharwar, Ms.Nishigandha G. Kamble and Mr.YashrajSingh Shekhawat of class BSc-III year (CPA) has worked under my guidance to prepare this project report entitled **"INCREDIBLE INDIA"**. This work embodied in this is original and was at Department of Computer Application Vidyabharti 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.

*Sarvaiya*  
*16/05/2019*

Prof. S.B.Sarvaiya

(Guided by)

*[Signature]*

Prof. Ather Iqbal

(Head of Department)

*[Signature]*

External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARTI MAHAVIDYALAYA, CAMP,  
AMRAVATI, 2018-2019



# **Computer Language Tutorial**

A

Project Report

Submitted by,

**Miss. Nayana G. Wanve**

**Miss. Sneha N. Nandurkar**

Under the guidance of

**Prof. Rana Afreen Sheikh**

In partial fulfillment of the award of degree of

**B.Sc. (Computer Application)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI.**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2018-19**

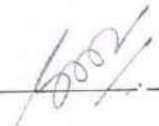
## CERTIFICATE

This is to certify that Miss Nayana G. Wanve and Miss Sneha N. Nandurkar of class BSc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled **"Computer Language Tutorial"**. 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.

  
16/03/19


**Prof. Rana Afreen Shikh**

(Guided by)



**Prof. Ather Iqbal**

(Head Of Department)



**External Examiner**



**Department of computer Science**  
**Vidyabharti Mahavidyalaya, Camp,**  
**Amravati.**

**2018-19**



# **“HISTORICAL PERSONLITIES”**

A

PROJECT REPORT

Submitted by,

Ms. Ashwini R. Tathode

Ms. Sapana R. Sontakke

Under the guidance of

Prof. S.M. Mohod

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



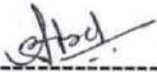
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2018-2019**



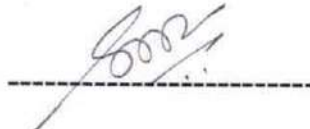
## CERTIFICATE

This is to certify that **Miss. Sapana R. Sontakke** and **Miss. Ashwini R. Tathode** of class **B.Sc-III<sup>rd</sup>** year has worked under my guidance to prepare this project report entitled **"HISTORICAL PERSONLITIES"**. This work embodied in this is original and was at Department of Computer Application, 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 MAHAVIDYALAYA, CAMP,**  
**AMARAVATI, 2018-2019**

## ANDROID GAMES

A

## PROJECT REPORT

Submitted by,

Ms.Madiha Anjum

Ms.Rufiya Khan

Under the guidance of

Prof.

Ms.Rana Afreen sheikh

in partial fulfillment of the award of degree of

## B.Sc (COMPUTER APPLICATIONS)

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

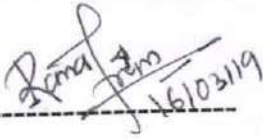
**SANT GADGE BABA AMRAVATI UNIVERSITY**

2018-2019

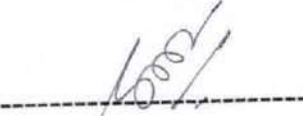


## CERTIFICATE

This is to certify that Ms.Madiha Anjum and Ms.Rufiya Khan of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "ANDROID GAMES ". This work embodied in this is original and was at Department of Computer Application, VidyabharatiMahavidyalaya 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.

  
16/03/19

Prof. Rana Afreen  
(Guided by)



Prof. Ather Iqbal  
(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER APPLICATION  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2018-2019



# **“VBMV COLLEGE EVENTS”**

A

## **PROJECT REPORT**

Submitted by,

Miss. Nadiya Firedous Syed Amjad

Miss. Kashfiya Rahish Mohd. Nazim

Under the guidance of

Prof. D. M. Kene

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**

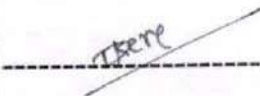


Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2018-2019**

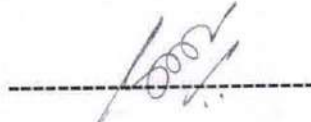
## CERTIFICATE

This is to certify that MS. NADIYA FIRDOUS and MS. KASHFIYA RAHISH of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled “**VBMV COLLEGE EVENTS**”. This work embodied in this is original and was at Department of Computer Application, 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 APPLICATION**

**VIDYABHARATI MAHAVIDYALAYA, CAMP,**

**AMARAVATI, 2018-2019**



# **LAWS AND REGULATIONS**

A

## **PROJECT REPORT**

Submitted by

Ms. Nilima Dapurkar

Ms. Ramani Tamboli

Under the guidance of

Prof. Rana Afreen Sheikh

in partial fulfilment of the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**  
**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



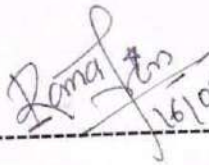
**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**  
**2018-2019**



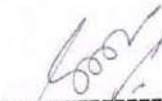
## CERTIFICATE

This is to certify that Ms. Nilima Dapurkar and Ms. Ramani Tamboli of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "**LAWS AND REGULATIONS**". 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.

  
16/03/19

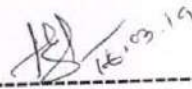
**Prof. Rana Afreen Sheikh**

**(Guided by)**

  
16/03/19

**Prof. Ather Iqbal**

**(Head of Department)**

  
16/03/19

**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARATI MAHAVIDYALA CAMP, AMARAVATI**

**2018-2019**

**AMRAVATI TOURISM**

**A**

**PROJECT REPORT**

Submitted by,

**MS. PRANJALI KAVITKAR**

**MS. SRUSHTI SONAR**

Under the guidance of

**Prof. Rana Afreen Sheikh**

In partial fulfilment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

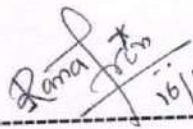
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**2018-2019**

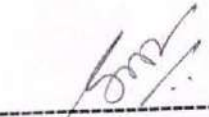


## CERTIFICATE


This is to certify that Ms.Pranjali Kavitkar and Ms.Srushti Sonar of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "AMRAVATI TOURISM". 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.

  
16/Nov/19

Prof.RanaAfreen Sheikh  
(Guided by)



Prof.AtharIqbar Sir  
( Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI ,2018-2019



# **“SPORT’S NATION”**

**A**

## **PROJECT REPORT**

**Submitted by.**

**Ms. Ashlesha A. Dehankar**

**Ms. Priyanka A. Pinjarkar**

**Under the guidance of**

**Prof. S.B. Sarvaiya**

**In partial fulfillment of the award of degree of**

**B.SC (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA , AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI**

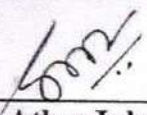
**2017-2018**



## CERTIFICATE

This is to certify that miss. Ashlesha A. Dehankar and miss. Priyanka A. Patil of class B.E.-III year has worked under my guidance to prepare this project report entitled "Report Nation". This work embodied in this is original and was at Department of Computer Application, Vidyabharti Mahavidyalaya Camp, Amravati. Their work has not been submitted in part or full to this or any other university for awarded any other Degree/Diploma.

  
Prof. S.B. Sarvaiya  
(Guided By)

  
Prof. Ather Iqbal  
(Head of Department)

  
External Examiner



DEPARTMENT OF COMPUTER APPLICATION

VIDYABHARTI MAHAVIDYALAYA, CAMP,

AMRAVATI, 2017-2018



**“INCREDIBLE INDIA”**

**A**

**PROJECT REPORT**

Submitted by,

**Ms.Sneha K. Aharwar**

**Ms.Nishigandha G. Kamble**

**Mr.YashrajSingh Shekhawat**

Under the guidance of

**Prof. S.B. Sarvaiya**

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2018-2019**



## CERTIFICATE

This is to certify that Ms.Sneha K.Aharwar, Ms.Nishigandha G. Kamble and Mr.YashrajSingh Shekhawat of class BSc-III year (CPA) has worked under my guidance to prepare this project report entitled **"INCREDIBLE INDIA"**. This work embodied in this is original and was at Department of Computer Application Vidyabharti 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.

*Sarvaiya*  
16/march/19

Prof. S.B.Sarvaiya

(Guided by)

*600*

Prof. Ather Iqbal

(Head of Department)

*HJ*

External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARTI MAHAVIDYALAYA, CAMP,  
AMRAVATI, 2018-2019

# **SAMSUNG STORE**

A

## **PROJECT REPORT**

Submitted by,

Ms. Mrunal Bhagwat

Ms. Shefali Wagh

Ms. Shrutika Jawanjal

Under the guidance of

Prof. Ms. S. B. Sarvaiya

in partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to


**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2018-2019**



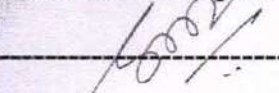
## CERTIFICATE

This is to certify that Ms. Mrunal Bhagwat, Ms. Sharfali Wagh and Ms. Shrutika Jangal of class B.Sc.-III year has worked under my guidance to prepare this project report entitled "SAMUNG STORE". This work embodied in this is submitted work was in Department of Computer Science, Vidyabharati Mahavidyalaya, Camp, Amravati. This work has not been submitted in part or whole to any other university for Award of any other Degree/Diploma.

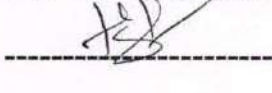
Prof. S. B. Sarvade

  
\_\_\_\_\_  
(Guided by)

Prof. Ather Iqbal

  
\_\_\_\_\_  
(Head of Department)

External Examiner

  
\_\_\_\_\_  
(External Examiner)



DEPARTMENT OF COMPUTER SCIENCE  
VIDYA BHARATI MAHAVIDYALAYA, CAMP,  
AMARAVATI, 2018-2019



# **“TRAVELWORLD”**

A

PROJECT REPORT

Submitted by,

Mr. SYED DANISH

Mr. PRATIK SABALKAR

Under the guidance of

Prof. S. M. Mohod

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



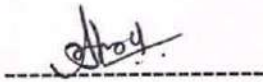
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY,**

**2018-2019**

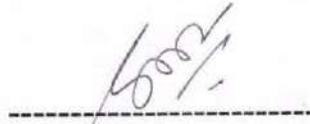
## CERTIFICATE

This is to certify that Mr. SYED DANISH and Mr. PRATIKSABALKAR of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "TRAVELWORLD". This work embodied in this is original and was at Department of Computer Application, 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 MAHAVIDYALAYA CAMP, AMARAVATI

2018-2019



**AMRAVATI AND ITS LUNCHEONETTE**

**A**

**PROJECT REPORT**

Submitted by,

Ms. Mansi Rameshchandr Kanoje

Ms. Shraddha Gajanan Bodkhe

Under the guidance of

Prof. S. R. Bhuyar

In partial fulfilment of the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



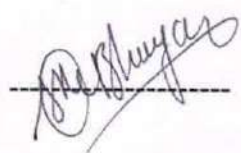
**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2018-2019**

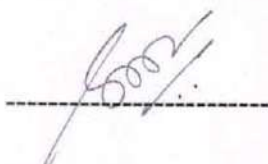
## CERTIFICATE

This is to certify that Ms. Mansi Rameshchandr Kanoje and Ms. Shraddha Gajanan Bodkhe of class B.Sc-III<sup>rd</sup> year (CPA) has worked under my guidance to prepare this project report entitled “AMRAVATI AND ITS LUNCHEONETTE”. 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. R. Bhuyar**

**(Guided by)**



**Prof. Ather Iqbal**

**(Head of Department)**



**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**

**VIDYABHARATI MAHAVIDYALA, CAMP,**

**AMARAVATI, 2018-2019**



# MELGHAT TIGER RESERVE

A

## PROJECT REPORT

Submitted by:

Ms. Mahima M. Chauhan

Ms. Gauri D. Kohale

Under the guidance of

Prof. Rana Afreen Sheikh

In partial fulfillment of the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



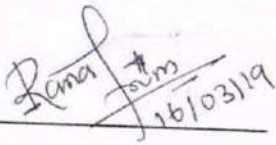
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

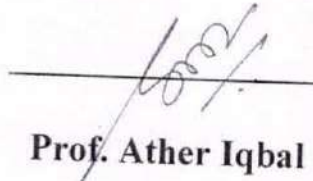
**2018-2019**

## CERTIFICATE

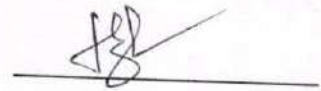
This is to certify that Ms. Mahima M. Chauhan and Ms. Gauri D. Kohale of class BSc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled “ **Melghat Tiger Reserve**”. This work embodied in this is original and was at Department of Computer Application Vidyabharati 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.

  
16/03/19

Prof. Rana Afreen Sheikh  
(Guided by)



Prof. Ather Iqbal  
(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARATI MAHAVIDYALAYA, CAMP,  
AMRAVATI, 2018-2019



# **“INDIAN STATES”**

A

PROJECT REPORT

Submitted by,

Ku Yogita K. Soni

Ku Muskan Saleem Khan

Under the guidance of

Prof. D. M. Kene

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**

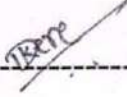


Affiliated to

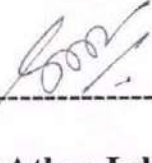
**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2018-2019**

## CERTIFICATE

This is to certify that Ku. Yogita K. Soni and Ku. Muskan Saleem Khan of class B.Sc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled **"INDIAN STATES"**. This work embodied in this is original and was at Department of Computer Application, 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 APPLICATIONS**  
**VIDYABHARATI MAHAVIDYALA, CAMP,**  
**AMARAVATI, 2018-2019**



# **“MAHARASHTRA DARSHAN”**

## **PROJECT REPORT**

Submitted by,

**Miss Harshada Shende**

**Miss Sakshi Bankar**

Under the guidance of

**Prof. S. B. Sarvaiya**

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**2018-2019**







## CERTIFICATE

This is to certify that Ms. Harshada Shende , Ms. Sakshi Bankar of class BSc-III<sup>rd</sup> (CPA) year has worked under my guidance to prepare this project report entitled " MAHARASHTRA DARSHAN". This work embodied in this is original and was at Department of Computer Application Vidyabharti 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.

*[Signature]*  
16.03.19

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

*[Signature]*

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

*[Signature]*  
16.03.19

**External Examiner**



**DEPARTMENT OF COMPUTER SCIENCE**  
**VIDYABHARTI MAHAVIDYALAYA, CAMP,**  
**AMRAVATI, 2018-2019**



# **BLOOD DONATION**

A

PROJECT REPORT

Submitted by,

Ms. Monika G. Wasankar

Ms. Harshali K. Choudhary

Under the guidance of

Prof. S. B. Sarvaiya

In partial fulfilment of the award of degree of

**BACHELOR OF COMPUTER APPLICATION**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**2018-2019**



## CERTIFICATE

This is to certify that Ms. Monika G. Wasankar and Ms. Harshali K. Choudhary of class B.SC-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "**BLOOD DONATION**". 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.

*Sarvaiya*  
*16 March 19*

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

*600*

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

*18*

**External Examiner**



**DEPARTMENT OF COMPUTER APPLICATIONS**  
**VIDYABHARATI MAHAVIDYALAYA, CAMP,**  
**AMARAVATI, 2018-2019**

**JHEP MULTIPURPOSE FOUNDATION – THE NGO**

**A**

**PROJECT REPORT**

Submitted by,

Ms. Mayuri Raut

Ms. Mitali Thakur

Under the guidance of

Prof. S. B. Sarvaiya

In partial fulfilment of award of degree of

**B.Sc. (COMPUTER APPLICATIONS)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

**SANT GAGDE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-2019**



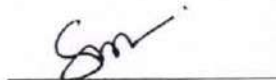
## CERTIFICATE

This is to certify that Ms. Mayuri Raut & Ms. Mitali Thakur of class BSc-III<sup>rd</sup> year has worked under my guidance to prepare this project report entitled "Jhep Multipurpose Foundation- The NGO". This work embodied in this is original and was at Department of Computer Science, Vidaybharati Mahavidyalya 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.



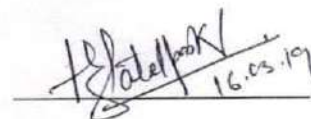
Prof.S.B.Sarvaiya

(Guided by)



Prof.Ather Iqbal

(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE  
VIDYABHARTI MAHAVIDYALAYA CAMP, AMRAVATI,  
2018-2019

# **“PALI MOBILE SHOPEE”**

A

PROJECT REPORT

Submitted by,

**Ms .SHRUTI GOPALDAS PALI**

Under the guidance of

**Prof. Ather Iqbal**

In partial fulfilment of the award of degree of

**B.Sc. (COMPUTER APPLICATIONS )**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

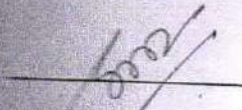
**SANT GADGE BABA AMRAVATI UNIVERSITY**

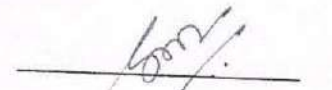
**2018-19**




## CERTIFICATE

This is to certify that Ms. Shruti Gopaldas Pali of class B.Sc. III year has worked under my guidance to prepare this project report entitled "PALI MOBILE SHOPEE". This work embodies in this is original and was at **Department of Computer Application 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  
(Guide by)

  
Prof. Ather Iqbal  
(Head of Department)

  
External Examiner



DEPARTMENT OF COMPUTER APPLICATION  
VIDYABHARATI MAHAVIDYALA, CAMP,  
AMARAVATI, 2018-2019

# **SWEET SPRING CAKE SHOP**

A

## **PROJECT REPORT**

Submitted by,

**ANAM SANIYA SHAIKH**

Under the guidance of

Prof: S. R. Bhuyar

In partial fulfillment of the award of degree of

**B.Sc. (COMPUTER APPLICATION)**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY**

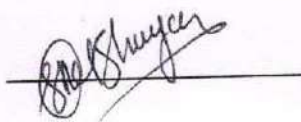
**2018-2019**





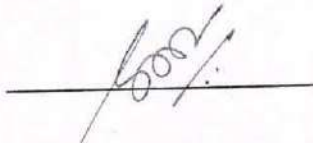
## CERTIFICATE

This is to certify that Ms. Anam Saniya Shaikh of class Bsc-III<sup>rd</sup> (CPA) year has worked under my guidance to prepare this project report entitled “Sweet Spring cake 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: S. R. Bhuyar

(Guided by)



Prof. Ather Iqbal

(Head of Department)



External Examiner



DEPARTMENT OF COMPUTER SCIENCE

VIDYABHARATI MAHAVIDYALA, CAMP,

AMARAVATI, 2018-2019



**B.SC. FINAL, SEMESTER-VI  
COMPUTER APPLICATION (VOCATIONAL)  
6S- COMPUTER APPLICATION (VOCATIONAL)  
ADVANCED JAVA AND ASP**

**UNIT-I : Array :** Declaration and initialization of one dimensional and multidimension arrays, strings, different operations on arrays.

**Packages :** Introduction, Java API packages, creating accessing & using a package, adding a class to a package.

**UNIT-II : Multithreading :** Introduction, creating threads & multiple threads.

**Error and Exception Handling :** Introduction, Fundamental of exception handling, types of errors, types of exceptions, uncaught exception, using try and catch, multiple catch clauses, nested try statement, built-in exceptions, creating your own exception.

**UNIT-III : Applet Programming :** Applet basics, difference between applets and applications, writing applets, applet code, applet life cycle, creating an executable applet, and applet tag, running the applets.

**UNIT-IV : Cookies :** Introduction, creating, modifying and deleting, Applications Objects : Object Collection, object methods.  
**Session Object :** Collection, properties and method.

**UNIT-V : Global.asa file :** Creating application event code and session event code, declaring object.

**Error Handling :** Types of error - Syntax error, logical error, ASP error, Debugging ASP script, using write and conditional tracing.

**UNIT-VI : ASP Components :** Server object, AD Rotator component, content linking component.

**Introduction to Oledb and Odbc :** Connection object and record set and field object command and parameter object.



**Books Recommended :**

1. Programming in JAVA : By S.S.Khandare (S.Chand)
2. Teach Yourself 'Java' in 2 Hrs : By Sams.
3. Java for You : By P. Koparkar
4. OOP with C++ by E.Balguruswamy.
5. Mastering HTML 4.0 - D.S.Ray, E.J.Ray, BPB.
6. Active Server Pages 3.0, N.Chare (Que)

**Practical :** Minimum 8 practical based on above syllabus.

**Project :** The student have to carry out a mini project work, with group of maximum 03 students at department and project report should be prepared of the same.

**B.Sc. Final Year, Semester-V****15. ELECTRONICS****General Provisions/Instructions****Part A**

- (i) The Examination in Electronics of each semester shall comprise of one theory paper of 80 marks of three hours duration and internal assessment of 20 marks.
- (ii) Theory paper of each semester shall comprise of six units. Each unit shall be completed in maximum 15 teaching periods of 45 minutes duration.
- (iii) There shall six questions of twelve marks on each unit with alternate choice and One compulsory question (08 subquestions of 01 mark each) of 08 marks covering syllabi of all units (short answer type).

**Part B**

- (i) The Practical examination of each semester of the B. Sc. (Electronics subject) shall be of 50 marks of 4 hours duration and shall be held at the end of each semester at the places as decided by the university.
- (ii) Distribution of 50 marks assigned to practical for (Semester I to V) is as under-
 

1. Experiment	: 30 Marks
(Construction, testing and performance)	
2. Practical record	: 10 Marks
3. Viva-voce	: 10 Marks

---

**Total : 50 Marks**

(iii) Distribution under-

1. Prog
2. Proje
3. Proje
4. Reco
5. Viva

(iv) Project w

(v) Teacher r  
practicals

(vi) College/  
ments

Unit I : B

UNIT II :

UNIT III:



PROJECT ON

# **Website Designing on Charitimax NGO for Donation**

By  
**Aishwarya V. Parode**  
Second Year MCM(Semester IV)

Guided By  
**PROF. S. A. KAZI**



**Department Of Research and PG Studies In Science &  
Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. Naidu Road, Camp

Amravati-444602

2018-19

VIDYA BHARATI MAHAVIDYALAYA,  
C. K. NAIDU ROAD, CAMP,  
AMRAVATI-444602  
2018-19

Department of Research and PG Studies In Science &  
Management


MCM

*CERTIFICATE*

This is to certify that the project entitled "Website Designing on Charitimax NGO for Donation" has been carried out by **AISHWARYA V. PARODE** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



Guide  
Prof. S. A. KAZI



Co-ordinator  
Prof. S. A. Kazi



HOD  
Dr. P. N. Mandaogade



External Examiner



Principal  
Dr. P. S. YENKAR



**PROJECT REPORT  
ON  
MEDICAL DATA ENTRY BY  
ROBOTIC PROCESS**

**By  
Ankita Dhirajsingh Thakur**  
Second Year MCM(Semester IV)

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



**Department Of Research and PG Studies In Science & Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. Naidu Road, Camp

Amravati-444602

2018-19

VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444602

2018-19

Department of Research and PG Studies In Science & Management

MCM

*CERTIFICATE*

This is to certify that the Project entitled "Medical data entry Robotics Process" has been carried out by **Ankita Dhirajsingh Thakur** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



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



**Co-ordinator**  
**Prof. S. A. Kazi**



**HOD**  
**Dr. P. N. Mandaogade**

  
**External Examiner**

**Principal**  
**Dr. P.S. Yenkar**



**PROJECT**  
**ON**  
**RATION CARD MANAGEMENT SYSTEM**

By  
**NEHA D. WAIRALE**  
Second Year MCM(Semester IV)

**Guided By**  
**Prof. S.A.KAZI**



**Department Of Research and PG Studies In Science &  
Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. Naidu Road, Camp

Amravati-444602

2018-19

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**AMRAVATI-444602**

**2018-19**

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

**MCM**

***CERTIFICATE***

This is to certify that the project entitled **“RATION CARD MANAGEMENT SYSTEM”** has been carried out by **NEHA D. WAIRALE** under the guidance in partial fulfillment of the degree of Master of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.

**Guide**

**Prof. S. A. Kazi**



**HOD**

**Dr. P. N. Mandavgade**

**Co-ordinator**

**Prof. S. A. Kazi**



**Principal**

**Dr. P. S. Yenkar**

  
External Examiner



PROJECT ON

# **Online Room Rental System**

By  
**Pallavi Patil**

Second Year MCM(Semester IV)

**Guided By**  
**Prof. Patil Madam**



**Department Of Research and PG Studies In Science &  
Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. Naidu Road, Camp

Amravati-444602

2018-19

VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444602

2018-19

Department of Research and PG Studies In Science &  
Management

MCM

*CERTIFICATE*

This is to certify that the seminar entitled "Online Room Rental System" has been carried out by **Pallavi Patil** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.

  
Guide

Prof. Patil Madam


  
Co-ordinator

Prof. S. A. Kazi

  
HOD

Dr. P. N. Mandaogade

  
External Examiner

  
Principal

Dr. P.S. YENKAR



**PROJECT REPORT**  
**ON**  
**“Campus Recruitment System”**

*Submitted by*  
**Payal Kohale**

*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.  
2018 - 2019

# CERTIFICATE

*This is to certify that the Project Report on*

**“Campus Recruitment System”**

*has been submitted by*

**Payal Kohale**

*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 2018-19*



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.**

**2018 - 2019**



**PROJECT REPORT**

**ON**

**ONLINE PIZZA ORDERING SYSTEM**

**By**

**Prasanna Gupta**

**Second Year B.E. (Information IT)**

**Guided By**

**Prof. S. A. Kazi**



**Department Of Research and PG Studies In Science  
& Management**

**MCCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. Naidu Road, Camp**

**Amravati-444602**

**2018-19**

VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD CAMP,

AMRAVATI-444001

2013-14

Department of Research and PG Studies in Science &  
Management

MCM

CERTIFICATE

This is to certify that the project entitled "ONLINE PIZZA ORDERING SYSTEM" has been carried out by PRASANNA GUITE under the guidance & partial supervision of the degree of Master of Computer Management (Faculty of Commerce) of S.A. Gadgil B/W Amravati University, Amravati during the academic year 2013-14 to the best of my knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



Guide  
Prof. S. A. Kazi



Co-supervisor  
Prof. S. A. Kazi



HOD  
Dr. P. N. Mandargkar



External Examiner



Principal  
Dr. P. N. VENSKAR



**PROJECT REPORT  
ON  
ELECTRONIC SHOP MANAGEMENT SYSTEM**

**By  
Shohaib Naim Khan**  
Second Year MCM(Semester IV)

**Guided By  
PROF. R. B. Patil**



**Department Of Research and PG Studies In Science &  
Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. Naidu Road, Camp**

**Amravati-444602**

**2018-19**

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**AMRAVATI-444602**

**2018-19**

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

**MCM**

***CERTIFICATE***

This is to certify that the project entitled **“ELECTRONIC SHOP MANAGEMENT SYSTEM”** has been carried out by **SHOHAIB NAIM KHAN** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



**Guide  
Prof. R. B. Patil**



**Co-ordinator  
Prof. S. A. Kazi**



**HOD  
Dr. P. N. Mandaogade**



**External Examiner  
V. S. Belsare**



**Principal  
Dr. P. S. Yenkar**



# PROJECT REPORT

ON

**“Online Human Diagnosis System Based On Sympton  
Analysis”**

*Submitted by  
Shruti Chavan*

*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.  
2018 - 2019

# **CERTIFICATE**

*This is to certify that the Project Report on*  
**“Online Human Diagnosis System Based On Sympton Analysis”**

*has been submitted by*

**Shruti Chavan**

*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 2018-19*



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.

2018 – 2019



VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAYATI-44502

2018-19

Department of Research and PG Studies in Science &  
Management  
MCM

*CERTIFICATE*

This is to certify that the PROJECT entitled "HOSPITAL  
MANAGEMENT SYSTEM" has been carried out by "SHWETA  
KHEDKAR" under the guidance of partial fulfillment of the degree of  
Master of Computer Management (Faculty of Commerce) of San. Gadge  
Baba Amraoti University, Amravati during the academic year 2018-2019.  
In the face of my knowledge and belief this work has not been submitted  
elsewhere for the award of any other degree.

Guide

Prof. R.B. Paul

Co-ordinator

Prof. S. A. Kati

HOD

Dr. P. N. Mandawade

External Examiner

Principal

Dr. P. N. Yekar

PROJECT ON  
**HOSPITAL MANAGEMENT SYSTEM**

By  
**Shweta P. Khedkar**  
Second Year MCM (Semester IV)

Guided By  
**PROF. R. B. Patil**



Department of Research and PG Studies In Science &  
Management  
**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. Naidu Road, Camp  
Araiyanti-444702  
2018-19



**PROJECT REPORT  
ON  
ONLINE FRUIT ORDERING SYSTEM**

**By**  
**SNEHAL R. POHOKAR**  
Second Year MCM(Semester IV)

**Guided By**  
**PROF. S. A.KAZI**



**Department Of Research and PG Studies In Science  
& Management  
MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**  
C. K. Naidu Road, Camp  
Amravati-444602  
2018-19

VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444602

2018-19

Department of Research and PG Studies In Science &

Management

MCM

*CERTIFICATE*

This is to certify that the project entitled **"ONLINE FRUIT ORDERING SYSTEM"** has been carried out by **Snehal Rajendra Pohokar** under the guidance in partial fulfillment of the degree of Master of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



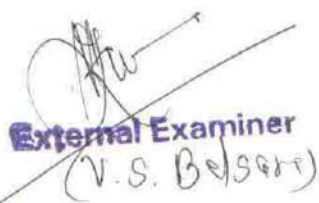
Guide  
Prof. S. A. KAZI



Coordinator  
Prof. S. A. Kazi



HOD  
Dr. P. N. Mandaogade



External Examiner  
(V. S. Belsare)



Principal  
Dr. P. S. Yenkar



**PROJECT REPORT**  
**ON**  
**CAR RACING GAME**

**By**  
**Sohel Shakil Abdul**  
Second Year MCM (Semester IV)

**Guided By**  
**PROF.A. R. JADHAV**



**Department Of Research and PG Studies In Science & Management**

**MCM**

**VIDYA BHARATI MAHAVIDYALAYA,**

**C. K. Naidu Road, Camp**

**Amravati-444602**

**2018-19**

**VIDYA BHARATI MAHAVIDYALAYA,**

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

**AMRAVATI-444602**


**2018-19**


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


**MCM**

***CERTIFICATE***


This is to certify that the project entitled "CAR RACING GAME" has been carried out by **SOHEL SHAKIL ABDUL** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.

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

  
**Co-ordinator**  
**Prof. S. A. Kazi**

  
**HOD**  
**Dr. P. N. Mandaogade**

  
**External Examiner**

  
**Principal**  
**Dr. P. S. Yenkar**



PROJECT REPORT  
ON

REAL ESTATE

By  
**Sumaiya Ahmad Khan**  
Second Year MCM(Semester IV)

Guided By  
**PROF R. B. PATIL**



Department Of Research and PG Studies In Science & Management

MCM

**VIDYA BHARATI MAHAVIDYALAYA,**

C. K. Naidu Road, Camp

Amravati-444602

2018-19

VIDYA BHARATI MAHAVIDYALAYA,

C. K. NAIDU ROAD, CAMP,

AMRAVATI-444602

2018-19

Department of Research and PG Studies In Science & Management

MCM

*CERTIFICATE*

This is to certify that the project entitled "REAL ESTATE" has been carried out by **Sumaiya Ahmad Khan** under the guidance in partial fulfillment of the degree of Master Of Computer Management (Faculty of Commerce) of Sant Gadge Baba Amravati University, Amravati during the academic year 2018-2019. To the best of my Knowledge and belief this work has not been submitted elsewhere for the award of any other degree.



Guide

Prof. R. B. Patil



Co-ordinator

Prof. S. A. Kazi



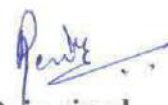
HOD

Dr. P. N. Mandaogade



External Examiner

V. S. Belsare



Principal

Dr. P. S. Yenkar



**DISSERTATION ON**  
**“INDUCED MUTAGENESIS IN *TRIGONELLA***  
***FOENUMBY* SODIUM AZIDE ”**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany(2018-2019)

**By**

**VASANT ARUN. ATHAWALE**

**UNDER THE SUPERVISION OF**

**DR. P.G. BANSOD SIR**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

**(NAAC Reaccredited with Grade “A”)**

*VidyaBhartiShaikshanikMandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**

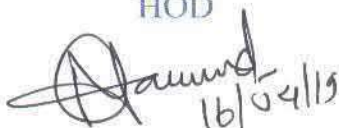
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Induced Mutagenesis in *Trigonella foenum* by Sodium azide**" submitted by **Vasant Arun. Athawale** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidya bharti Mahavidyalaya, Amravati.

HOD

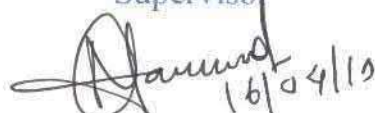
  
16/04/19

**Dr. P. G. Bansod Sir**

Associate Professor and Head,

Department of Botany,  
VBMV, Amravati.

Supervisor

  
16/04/19

**Dr. P. G. Bansod Sir**

Incharge Teacher,

PG Department of Botany,  
VBMV, Amravati.

Date: 16/04/2019

Place: Amravati

  
Signature of Examiner



# **DISSERTATION**

**ON**

**“EFFECT OF GIBBERELIC ACID ON PRIMARY  
METABOLISM AND SEEDLING GERMINATION**

*Triticum aestivum 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 (2018-2019)

**By**

**MISS. TEJASWINI S. AWATE**

**UNDER THE SUPERVISION OF**

**DR. P. V. PULATE**

Department of Botany

VidyaBharti Mahavidyalaya, Amravati



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

**(NAAC Reaccredited with Grade “A”)**

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



**CERTIFICATE**

This is to certify that the project work entitled "**Effect of Gibberellic Acid On Primary Metabolism And Seedling Germination of Triticum Aestivum L.**" submitted by **Miss. Tejaswini S. Awate.** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

**Dr. P. G. Bansod.**

Head,  
Department of Botany,  
VBMV, Amravati.

Supervisor

22.05.19

**Dr. P. V. Pulate**

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

Date: 22/5/2019

Place: Amravati

**Signature of Examiner**



**DISSERTATION ON**  
**"INDUCED MUTAGENESIS IN *TRIGONELLA FOENUMBY***  
**SODIUM AZIDE "**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**SUMIT R. SHRIVASTAV**

**UNDER THE SUPERVISION OF**

**DR. P.G BANSOD SIR**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

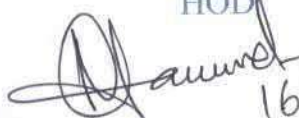
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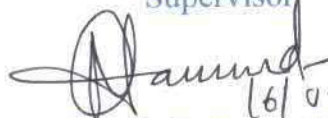
*VidyaBhartiShaikshanikMandal, Amravati's*  
**VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Induced Mutagenesis in *Trigonella foenum* by Sodium azide**" submitted by **Mr. Sumit R. Shrivastav** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidya bharti Mahavidyalaya, Amravati.

HOD  
  
16/04/19  
**Dr. P. G. Bansod Sir**  
Associate Professor and Head,  
Department of Botany,  
VBMV, Amravati.

Supervisor  
  
16/04/19  
**Dr. P. G. Bansod Sir**  
Incharge Teacher,  
PG Department of Botany,  
VBMV, Amravati.

Date: 16/04/2019

Place: Amravati

  
Signature of Examiner



**DISSERTATION ON**  
**"INDUCED MUTAGENESIS IN *SPINACIA OLERACEA***  
**BY ETHYL METHANESULPHONATE"**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**KIRANDEEP KOUR SETHI**

**UNDER THE SUPERVISION OF**

**DR. P.G BANSOD SIR**

DEPARTMENT OF BOTANY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

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



**CERTIFICATE**

This is to certify that the project work entitled "**Induced Mutagenesis in *Spinacia oleracea* by Ethyl Methanesulphonate**" submitted by **Kirandeep Kour Sethi** 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 him under my guidance and supervision in Department of Botany, VidyaBharti Mahavidyalaya, Amravati.

HOD

  
16/04/19

**Dr.P.G Bansod Sir**

Associate Professor and Head,  
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Supervisor

  
16/04/19

**Dr.P.G Bansod Sir**

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

Date: 16/4/2019

Place: Amravati

Signature of Examiner



**Dissertation on**

**“Induced mutagenesis in *Coriandrum sativum* by  
ethyl methylsulphonate”**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany(2017-2019)

**By**

**Parmeshwari W. Shegokar**

**UNDER THE SUPERVISION OF**

**DR. P. G. BANSOD**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



**POST GRADUATE DEPARTMENT OF BOTANY**  
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*VidyaBharti Shaikshanik Mandal, Amravati's*  
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NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Induced mutagenesis in *Corianrum sativum* by Ethyl methylsulphonate**" submitted by **Parmeshwari W. Shegokar** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

**Dr. P. G. Bansod**

Associate Professor and Head,  
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VBMV, Amravati.

Supervisor

**Dr. P. G. Bansod**

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

Date: 16/04/2019

Place: Amravati

  
**Signature of Examiner**

**DISSERTATION ON**  
**"INDUCED MUTAGENESIS IN *SPINACIA OLERACEA***  
**BY ETHYL METHANESULPHONATE"**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**SUPREET KOUR BALI**

**UNDER THE SUPERVISION OF**

**DR. P.G BANSOD SIR**

DEPARTMENT OF BOTANY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

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



**CERTIFICATE**

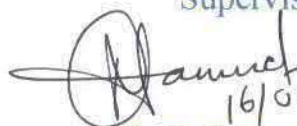
This is to certify that the project work entitled "**Induced Mutagenesis in *Spinacia oleracea* by Ethyl Methanesulphonate**" submitted by **Supreet Kour Bali** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, VidyaBharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, VidyaBharti Mahavidyalaya, Amravati.

HOD

  
16/04/19  
**Dr.P.G Bansod Sir**

Associate Professor and Head,  
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Supervisor

  
16/04/19  
**Dr.P.G Bansod Sir**

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

Date: 16/04/2019

Place: Amravati

  
**Signature of Examiner**

**Dissertation on**

“Induced mutagenesis in *coriandrum sativum* by ethyl methylsulphonate”

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**Pratiksha N. Gawhane**

**UNDER THE SUPERVISION OF**

**DR. P. G. BANSOD**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

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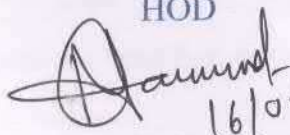
*VidyaBhartiShaikshanik Mandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Induced mutagenesis in *Corianrum sativum* by Ethyl methylsulphonate**" submitted by **Pratiksha N. Gawhane** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

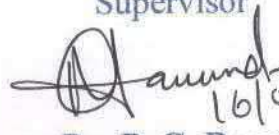


16/04/19

**Dr. P. G. Bansod**

Associate Professor and Head,  
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VBMV, Amravati.

Supervisor



16/04/19

**Dr. P. G. Bansod**

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

Date: 16/4 /2019

Place: Amravati



**Signature of Examiner**



# **DISSERTATION ON**

**Arbuscular mycorrhizal associations of plants colonizing coal mine  
soil at Chandrapur District**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2018-2019)**

**By**

**Ms. Prajakta V. Pimpalshende**

**Under the supervision of**

**Miss. Lubna Khalid**

**Department of Botany**

**Vidya Bharati Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

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

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

*Vidya Bharati Shaikshanik Mandal, Amravati's*

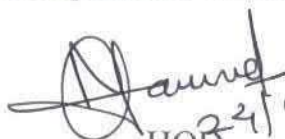
**VIDYABHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled "Arbuscular mycorrhizal associations of plants colonizing coal mine soil at Chandrapur district" submitted by **Ms. Prajakta V. Pimpalshende** 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 24/05/19

**Dr. P. G. Bansod**

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

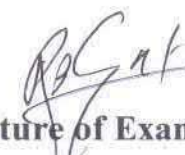
  
Supervisor

**Miss. Lubna madam**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/05/2019

Place: Amravati

  
Signature of Examiner

**Dissertation on**  
**“Induced mutagenesis in *coriandrum sativum* by  
ethyl methylsulphonate”**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany(2017-2019)

**By**

**Miss. Gauri B. Raut**

**UNDER THE SUPERVISION OF**

**DR. P. G. BANSOD**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

**(NAAC Reaccredited with Grade “A”)**



*VidyaBhartiShaikshanik Mandal, Amravati's*  
**VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI**


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



**CERTIFICATE**

This is to certify that the project work entitled "**Induced mutagenesis in *Coriandrum sativum* by Ethyl methylsulphonate**" submitted by **miss. Gauri B. Raut** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by her under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.


HOD

  
16/04/19

**Dr. P. G. Bansod**

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

Supervisor

  
16/04/19

**Dr. P. G. Bansod**

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

Date: / /2019

Place: Amravati

  
Signature of Examiner

# **DISSERTATION ON**

**“Synthesis and Characterization of Silver Nanoparticles and Antimicrobial Activity by using Medicinal plants”**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2019-2020)**

**By**

**Ms. Mayuri S. Kasture**

**Under the supervision of**

**Miss. Lubna P. Khalid**

**Department of Botany**

**Vidya Bharati Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

**(NAAC Reaccredited with Grade “A”)**

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

*Vidya Bharati Shaikshanik Mandal, Amravati's*

**VIDYABHARATIMAHAVIDYALAYA, CAMP, AMRAVATI**

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

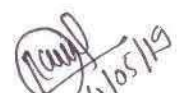


## **CERTIFICATE**

This is to certify that the project work entitled "Synthesis and Characterization of Silver Nanoparticles and Antimicrobial Activity by using Medicinal plants" submitted by Ms. Mayuri S. Kasture 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.

  
24/05/19  
HOD


**Dr. P. G. Bansod**  
Associate Professor and Head,  
Department of Botany  
VBMV, Amravati.

  
24/05/19  
Supervisor

**Miss. Lubna P. Khalid**  
Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/05/2019

Place: Amravati

  
Signature of Examiner



# **DISSERTATION ON**

**Characterization and Antimicrobial Activity of CuNPs Metal by using  
Ornamental plants**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2019-2020)**

**By**

**Ms-Tejasvini P. Adhalke**

**Under the supervision of**

**Miss. Lubna P. Khalid**

**Department of Botany**

**Vidya Bharati Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

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

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

*VidyaBharatiShaikshanikMandal, Amravati's*

**VIDYABHARATIMAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled **"Synthesis and Characterization of Metal Nanoparticles and Antimicrobial Activity by using Ornamental plants"** submitted by **Ms. Tejasvini P.Adhalke** 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.P.G.Bansod**

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

Supervisor

**Miss. Lubna madam**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 22/05/2019

Place: Amravati

**Signature of Examiner**

## **DISSERTATION ON**

### **Synthesis and Characterization of Metal Nanoparticles and Antimicrobial Activity by using Aromatic plants**

**Submitted to**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2019-2020)

**By**

Mr. Nikhil G. Kokate

**Under the supervision of**

Miss. Lubna P. Khalid

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC



*Vidya Bharati Shaikshanik Mandal, Amravati's*

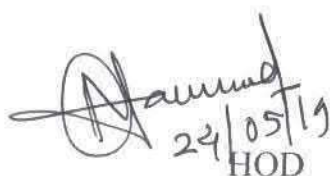
**VIDYABHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled "Synthesis and Characterization of Metal Nanoparticles and Antimicrobial Activity by using Aromatic plants" submitted by **Mr. Nikhil G. Kokate** 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.

  
24/05/19  
HOD

**Dr. P. G. Bansod**

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

  
Supervisor

**Miss. Lubna P. Khalid**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/05/2019

Place: Amravati

  
**Signature of Examiner**

# DISSERTATION ON

Physiological effect of fungicide (Bavistin) on *Triticum aestivum* 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 (2018-2019)

By

Miss. Gunjan J. Chokse

Under the supervision of

Dr. M.U. Ghurde

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

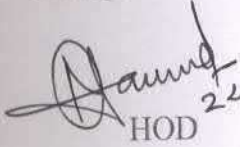
VIDYABHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

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



## CERTIFICATE

This is to certify that the project work entitled "Physiological effect of fungicide (Bavistin) on *Triticum aestivum* L." submitted by Miss. Gunjan Jaykumar Chokse 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 24/05/19

**Dr. P.G. Bansod**

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


Date: 24/05/2019

Place: Amravati

Supervisor

  
**Dr. M.U. Ghurde**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

  
Signature of Examiner



**DISSERTATION**  
**ON**  
**Allopathic effect of aqueous extract of two**  
**herbal plant on *Spinacia olearacea*.**

**Submitted to**  
Sant Gadge Baba Amravati University, Amravati (M.S.)  
For the partial fulfillment of requirements of  
Degree of Master of Science  
In Botany (2018-2019)

**By**  
**MISS POOJA D. DHOTE**

**UNDER THE SUPERVISION OF**  
**DR. P. V. PULATE**  
**Department of Botany**  
**VidyaBharti Mahavidyalaya, Amravati**



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

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

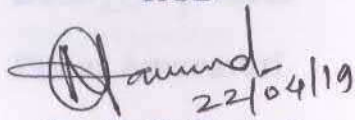
*VidyaBharti Shaikshanik Mandal, Amravati's*  
**VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Allopathic effect of aqueous extract of two herbal plant on *SPINACIA olearacea***", submitted by **Miss. Pooja dhote**, which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

  
22/04/19

**Dr. P. G. Bansod.**

Head,  
Department of Botany,  
VBMV, Amravati.

Supervisor



**Dr. P. V. Pulate**

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

Date: 22/ 4/2019

Place: Amravati

  
Signature of Examiner

# DISSERTATION

ON

**Allelopathic effect of aqueous extract of two herbal  
plant on *Trigonella foenum graecum*.**

Submitted to

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

BY

**MISS. GAURI P. TAYADE**

UNDER THE SUPERVISION OF

**DR .P. V. PULATE**

**Department of Botany**

**VidyaBharti Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

*VidyaBharti Shaikshanik Mandal, Amravati's*

**VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI**

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

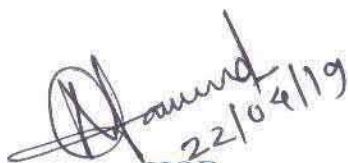


*VidyaBharti Shaikshanik Mandal, Amravati's*  
**VIDYABHARTI MAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Allelopathic effect of aqueous extract of two herbal plant on *trigonella foenum graecum***" submitted by **Miss. Gauri P. Tayade** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

  
HOD

**Dr. P. G. Bansod.**

Head,  
Department of Botany,  
VBMV, Amravati.

Date: / /2019

Place: Amravati

  
Supervisor

**Dr. P. V. Pulate.**

Assistant professor  
PG Department of Botany,  
VBMV, Amravati.

  
Signature of Examiner

**DISSERTATION ON**  
**EFFECT OF GIBBERELIC ACID ON THE**  
**GERMINATION OF**  
*Vigna unguiculata*

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**MR. MOHD. DANISH. MOHD. AYYUB**

**UNDER THE SUPERVISION OF**

**DR. P. V. PULATE SIR**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

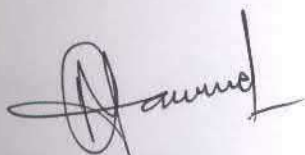
**(NAAC Reaccredited with Grade "A")**

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



**CERTIFICATE**

This is to certify that the project work entitled "**Effect of gibberellic acid on the germination of *Vigna unguiculata***" submitted by **Mr. Mohd. Danish** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

  
HOD

**Dr. P. G. Bansod**  
Associate Professor and Head,  
Department of Botany  
VBMV, Amravati.

  
22-05-19  
Supervisor

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

Date: 22/05/2019

Place: Amravati

  
Signature of Examiner



# **DISSERTATION ON**

**Physiochemical Analysis of Water Quality of Different Well Water In  
Gadge Nagar Area**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany(2018-2019)**

**By**

**Ms. Apeksha A. Tasare**

**Under the supervision of**

**Dr. P. V. Pulate**

**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**

*VidyaBharatiShaikshanikMandal, Amravati's*

**VIDYABHARATIMAHAVIDYALAYA, CAMP, AMRAVATI**

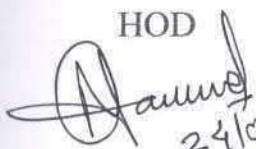
**NAAC Re-accredited with Grade "A" {CPE Status by UGC}**



## **CERTIFICATE**

This is to certify that the project work entitled **"Physiochemical Analysis of Water quality of different well water in gadge nagar area"** submitted by **Ms. Apeksha A. Tasare** 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

  
24/05/19

**Dr. P. G. Bansod**

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

Supervisor

  
22.05.19

**Dr. P. V. Palate**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/5/2019



**DISSERTATION ON**  
**EFFECT OF GIBBERELIC ACID ON THE GERMINATION OF**  
**TRIGONELLA FOENUM GRAECUM 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 (2015-2016)

**By**

**MR. SUDARSHAN S. PANDE**

**UNDER THE SUPERVISION OF**

**DR. P. V. PULATE SIR**

**DEPARTMENT OF BOTANY**

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI**



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

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

*Vidya Bharati Shaikshanik Mandal, Amravati*



# VIDYABHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

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



## CERTIFICATE

This is to certify that the project work entitled "Effect of Gibberellic acid on the primary metabolism and seedling germination of *Trigonella foenum graecum L.*" submitted by **Mr. Sudarshan S. Pande** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

**Dr. P.G. Bansod**

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

Supervisor

22.05.19

**Dr. P.V. Pulate Sir**

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

Date: / /2019

Place: Amravati

Signature of Examiner

# DISSERTATION ON

Physiological effect of fungicide (Bavistin) on *Trigonella foenum-graecum* 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 (2018-2019)

By

Miss. Samiya Sadaf

Under the supervision of

Dr. M.U. Ghurde

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*

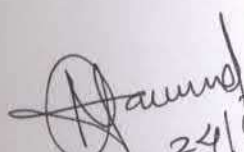
**VIDYABHARATIMAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled "**Physiological effect of fungicide (Bavistin) on *Trigonella foenum-graecum* L.**" submitted by **Miss. Samiya Sadaf Iqbal Ahmad Khan** 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.

  
24/05/19  
HOD

**Dr. P.G. Bansod**

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

Date: 24/05/2019

Place: Amravati

Supervisor

  
**Dr. M.U. Ghurde**

Associate Professor  
Department of Botany,  
VBMV, Amravati.



**Signature of Examiner**



**DISSERTATION ON**  
**"EFFECT OF DIFFERENT MORDANTS AND**  
**MORDANTING METHODS ON WOOL FIBERS DYED WITH**  
**SPINACH LEAF EXTRACT"**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**AMRAPALI ASHOKROA HAJARE**

**UNDER THE SUPERVISION OF**

**DR. MONALI GHURDE**

DEPARTMENT OF BOTANY

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI



POST GRADUATE DEPARTMENT OF BOTANY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

(NAAC Reaccredited with Grade "A")

*VidyaBhartiShaikshanik Mandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**

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



**CERTIFICATE**

This is to certify that the project work entitled "**Effect of Different Mordants and Mordanting methods on Wool fibers Dyed with Spinach Leaf Extract**" submitted by **Amrapali Ashokrao Hajare** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

**Dr. P.G. Bansod Sir**

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

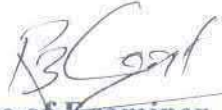
Supervisor

**Dr. Monali Ghurde**

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

Date: 24/05/2019

Place: Amravati

  
Signature of Examiner

# **DISSERTATION ON**

**Physiochemical Analysis of water and waste water of Amravati Region**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2018-2019)**

**By**

**Ms. Ujwala Vinodrao Malode**

**Under the supervision of**

**Miss. Lubna P. Khalid**

**Department of Botany**

**Vidya Bharati Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

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

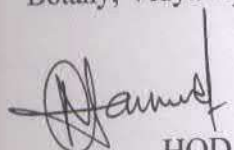
**College with potential for Excellence (CPE) Status by UGC**





## CERTIFICATE

This is to certify that the project work entitled “Physiochemical Analysis of Water and waste water ” submitted by **Ms. Ujwala Vinodrao Malode** 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.P.G.Bansod**

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



Supervisor

**Miss. Lubna madam**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/5/2019

Place: Amravati



**Signature of Examiner**

**DISSERTATION**  
**ON**  
**PHYSICO-CHEMICAL ANALYSIS OF SOIL AND**  
**WATER**

Submitted to :

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

Submitted by:

**MISS. SHITAL V. BORKHADE**

**UNDER THE SUPERVISION OF**

**DR. P. V. PULATE**

**Department of Botany**  
**VidyaBharti Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**  
*VidyaBhartiShaikshanikMandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}

*VidyaBhartiShaikshanikMandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**  
NAAC Re-accredited with Grade "A" {CPE Status by UGC}



**CERTIFICATE**

This is to certify that the project work entitled "**Physico-Chemical analysis of soil and water**" submitted by **Miss. Shital V. Borkhade** 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 him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

HOD

**Dr. P. G. Bansod.**  
Head,  
Department of Botany,  
VBMV, Amravati.

  
22.05.19

Supervisor

**Dr. P. V. Pulate.**  
Assistant professor  
PG Department of Botany,  
VBMV, Amravati.

Date: 22/5/2019

Place: Amravati

  
Signature of Examiner



# **DISSERTATION ON**

**Characterization of silver nanoparticles and antimicrobial activity of three medicinal plants**

**Submitted to**

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

**For the partial fulfillment of requirements of**

**Degree of Master of Science**

**In Botany (2018-2019)**

**By**

**Miss - Ashvini S. Narwade**

**Under the supervision of**

**Miss. Lubna P. Khalid**

**Department of Botany**

**Vidya Bharati Mahavidyalaya, Amravati**



**POST GRADUATE DEPARTMENT OF BOTANY**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

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

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

*Vidya Bharati Shaikshanik Mandal, Amravati's*

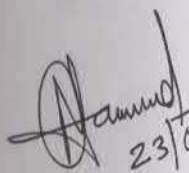
**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled "**Characterization of silver nanoparticles and antimicrobial activity of three medicinal plants**" submitted by **Miss. Ashvini S. Narwade** 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.

  
23/05/19  
HOD

**Dr.P.G.Bansod**

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

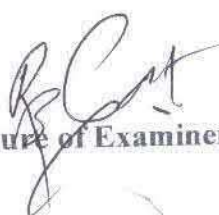
Date: 24/5/2019

Place: Amravati

  
24/05/19  
Supervisor

**Miss. Lubna madam**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

  
Signature of Examiner

**DISSERTATION ON**  
**"EFFECT OF SELECTED MORDANTS ON THE**  
**APPLICATION OF NATURAL DYE FROM COCONUT**  
**HUSK (COCUS NUCIFERA)"**

**SUBMITTED TO**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2019)

**By**

**SHWETA V. JAWALEKAR**

**UNDER THE SUPERVISION OF**

**DR. MONALI GHURDE**

**DEPARTMENT OF BOTANY**

**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**



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

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



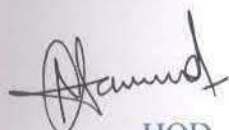
*VidyaBhartiShaikshanik Mandal, Amravati's*  
**VIDYABHARTIMAHAVIDYALAYA, CAMP, AMRAVATI**

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



**CERTIFICATE**

This is to certify that the project work entitled "**Effect of Selected Mordants on the Application of Natural dye from coconut Husk (Cocus Nucifera)**" submitted by **Shweta Vijayrao Jawalekar** which is being submitted in partial fulfillment for the award of Degree of "Master of Science" in Botany of Sant Gadge Baba Amravati University, Amravati at Post Graduate Department of Botany, Vidya Bharati Mahavidyalaya, Amravati is a record of bonafied research work carried out by him under my guidance and supervision in Department of Botany, Vidyabharti Mahavidyalaya, Amravati.

  
HOD

**Dr. P.G. Bansod Sir**

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

Supervisor

  
**Dr. Monali Ghurde**

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



**Signature of Examiner**

Date: 24/5/2019

Place: Amravati

# **DISSERTATION ON**

**Occurrence and distribution of Arbuscular mycorrhizal association in  
Amravati region**

**Submitted to**

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

For the partial fulfillment of requirements of

Degree of Master of Science

In Botany (2018-2029)

**By**

Ms. Pranali S. Surkar

**Under the supervision of**

Miss. Lubna Khalid

Department of Botany

Vidya Bharati Mahavidyalaya, Amravati



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

(NAAC Reaccredited with Grade "A")

College with potential for Excellence (CPE) Status by UGC

*Vidya Bharati Shaikshanik Mandal, Amravati's*

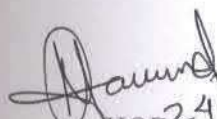
**VIDYABHARATIMAHAVIDYALAYA, CAMP, AMRAVATI**

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



## **CERTIFICATE**

This is to certify that the project work entitled "**The abundance and diversity of AM fungi in rhizospheric soil of Banana**" submitted by **Ms. Pranali S. Surkar** 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 24/05/19

**Dr.P.G.Bansod**

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

  
Supervisor

**Miss. Lubna madam**

Associate Professor  
Department of Botany,  
VBMV, Amravati.

Date: 24/5 /2019

Place: Amravati

  
**Signature of Examiner**



# CERTIFICATE

It is certified that the project work of Ms. Diksha R. Sharma entitled " Biochemical analysis of nutritive value of freshwater fishes of labio calbasu and notopterus notopterus of Amravati district " performed under the supervision Dr. V. R. Wankhade 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. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



  
Supervisor & Assistant Professor

Dr. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

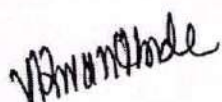
Date: 20/06/2019

Place: Amravati

2018-2019

## Certificate

It is certified that the project work of Miss. Divya Uttamrao Kalbhor entitled " *Water Analysis from Municiple Corporation Water Of Amravati City*" had been performed under the supervision of Dr. N. R. Thorat in the laboratory of P.G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

  
Head & Associate Professor

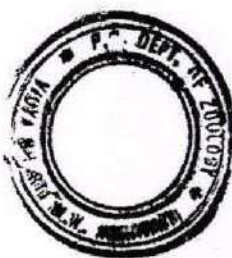
**Dr. V. R. Wankhade**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.

  
Supervisor & Assistant Professor

**Dr. N. R. Thorat**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Place: Amravati

Date: 10/6/2019



**“Nutritional Composition of some freshwater fishes of  
Amravati city fish market”**



**2018-2019**

**Certificate**

It is certified that the project work of Miss. Miss. Jagrati P Suroliya entitled “**Nutritional Composition of some freshwater fishes of Amravati city fish market**” had been perform under the supervision of Mr. S. H. Rathod., incharge M.Sc. in the laboratory of P.G. Department of Zoology, VidyaBharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 20/06/2019



*V.R. Wankhade*  
**Dr. V.R. Wankhade**

Head & Associate professor

Department of Zoology

VBMV, Amravati



# CERTIFICATE

---

It is certified that the project work of Ms. Juli S. Wankhade entitled " Analysis of phytoplankton in purna dam (vishroli village)" performed under the Ms. A. D. Gaud 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 .

*V. R. Wankhade*

Head & Associate Professor

Dr. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



*A. D. Gaud*

Supervisor & Assistant Professor

Ms. A. D. Gaud  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

Date : 10/06/2019

Place : Amravati

2018-2019

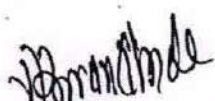
## CERTIFICATE

---

It is certified that the project work of Miss. Kajal Dilip Yawale entitled  
***"Analysis of Drinking Water Quality In Amravati  
City"***

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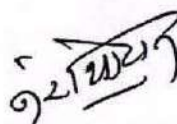
had been performed under the supervision of Dr. N. R. Thorat in the laboratory of P.G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Head & Associate Professor

**Dr. V. R. Wankhade**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Supervisor & Assistant Professor

**Dr. N. R. Thorat**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Place: Amravati

Date: 16/06/2019

---

# CERTIFICATE

It is certified that the project work of Ms. Kalyani M. Kale entitled "Biochemical analysis of nutritive value of freshwater fishes of labio calbasu and notopterus notopterus of Amravati district" had been performed under the supervision Dr. V. R. Tantarapale in the laboratory of P.G. Department of Zoology , Vidya Bharati Mahavidyalaya , Amravati for fulfillment of the degree in Master of Science in Zoolgy of Sant Gadage Baba Amravati Univrsity , Amravati .

*V. R. Tantarapale*  
Head & Associate professor  
Dr. V. R. Tantarapale  
P.G. Dept. zoology  
VBMV Amravati



*V. R. Tantarapale*  
supervisor & Assitant professor  
Dr. V. R. Tantarapale  
P.G. Dept. zoology  
VBMV Amravati

2018-19

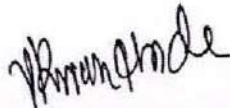


## **CERTIFICATE**

It is certified that the project work of Miss. Kalyani Mohanrao Mohod entitled "Analysis of Zooplankton in Purna Dam (Vishroli village)" performed under the supervision of Ms. A. D. Gaud in the laboratory of P.G.Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University , Amravati .

**Place : Amravati**

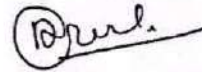
**Date : 11 / 6 / 2019**



**Head & Associate Professor**

**Dr. V. R. Wankhade**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati .



**Supervisor & Assistant Professor**

**Ms. A. D. Gaud**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati.

# CERTIFICATE

It is certified that the project work Ms. Manisha R. Wankhade entitled " Analysis of drinking water quality in Amravati city " performed under the supervision Dr. N.R.Thorat 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. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



Supervisor & Assistant Professor

Dr. N.R.Thorat  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

Date : 10/06/2019

Place : Amravati

2018-2019



# CERTIFICATE

It is certified that the project work Ms. Mrunal D. Yawale entitled " Biochemical analysis of nutritive value of freshwater " performed under the supervision Dr. V. R. Wankhade 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 .

*V. R. Wankhade*

Head & Associate Professor

Dr. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



*V. R. Wankhade*

Supervisor & Assistant Professor

Dr. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

Date : 10/06/2019


Place : Amravati

2018 - 2019



# CERTIFICATE

It is certified that the project work Ms. Pooja S. AKhare entitled " Effects of aluminium oxide on development of drosophila melanogaster " performed under Dr. Y. D. Akhare 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. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



Supervisor & Assistant Professor

Dr. Y. D. Akhare  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

Date: 10/06/2019

Place: Amravati

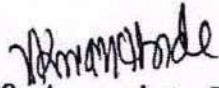
2018-2019

## CERTIFICATE

It is certified that the project work of Miss. Radhika Diliprao Tekade entitled "Analysis of Spider in University Region ( Amravati)" performed under the supervision of Ms. A. D. Gaud madam in the laboratory of P.G.Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University , Amravati .

**Place : Amravati**

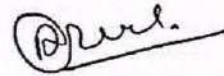
**Date : 11/ 6/2019**



**Head & Associate Professor**

**Dr. V. R. Wankhade**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati .



**Supervisor & Assistant Professor**

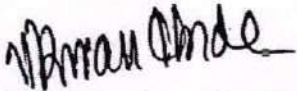
**Ms. A. D. Gaud**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati.



## Certificate


It is certified that the project work of Miss. Rasika Vinayk Rao Khapare entitled "*Analysis of Drinking Water Quality In Amravati City*" had been performed under the supervision of Dr. N. R. Thorat in the laboratory of P.G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Head & Associate Professor

**Dr. V. R. Wankhade**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Supervisor & Assistant Professor

**Dr. N. R. Thorat**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Place: Amravati

Date: 10/06/2019



## **CERTIFICATE**

It is certified that the project work of Miss. Shivani H. Yawalkar entitled "Effects of Aluminium Oxide Nanoparticles on Development of *Drosophila melanogaster*" performed under the supervision of Dr. Y. D. Akhare in the laboratory of P. G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of SantGadge Baba Amravati University, Amravati.

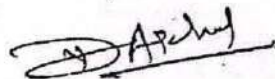
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Head & Associate Professor

**Dr. V. R. Wankhade**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



Supervisor & Assistant Professor

**Dr. Y. D. Akhare**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



**Place: Amravati**

**Date: 27/05/2019**

---

# CERTIFICATE

It is certified that the project work Ms. Shraddha K. Kurumwanshi entitled Analysis of drinking water quality in Amravati city "performed under Dr. Y. D. Akhare in the laboratory of P.G. Department of Zoology Vidya Bharti Mahavidyalaya, Amravati for fulfilment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University , Amravati .



Head & Associate Professor

Dr. V. R. Wankhade  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati



Supervisor & Assistant Professor

Dr. Y. D. Akhare  
PG Department of Zoology,  
Vidya Bharati Mahavidyalaya,  
Amravati

Date : 10/06/2019

Place : Amravati

2018-2019



# CERTIFICATE

---

It is certified that the project work of Ms. Shreya P. Chaudhari entitled "Effects of aluminium oxide on development of drosophila melanogaster" had been perform under the supervision of Dr. Y. D. Akhare 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 .



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



Dr. Y.D. akhare  
Assistant Professor  
P.G. Department of Zoology  
Vidya Bharati Mahavidyalaya  
Amravati.

Date : 10/06/2019

Place : Amr.

2018-2019



**“Nutritional Composition of some freshwater fishes of  
Amravati city fish market”**



**2018-2019**

**Certificate**

It is certified that the project work of Miss. Shrutika S. Kurhekar entitled **“Nutritional Composition of some freshwater fishes of Amravati city fish market”** had been perform under the supervision of Mr. S. H. Rathod, incharge M.Sc. in the laboratory of P.G. Department of Zoology, VidyaBharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

Place: Amravati

Date: 10/06/2019



*V.R. Wankhade*

**Dr. V. R. Wankhade**

Head & Associate professor

Department of Zoology

VBMV, Amravati

## CERTIFICATE

It is certified that the project work of Miss. Snehal N. Deshmukh entitled "Effects of Iron oxide and Zinc oxide nanoparticles on Protein of *Drosophila melanogaster*" performed under the supervision of Dr. Y. D.Akhare in the laboratory of P.G.Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University , Amravati .

**Place : Amravati**

**Date : 27/5/2019**

*V. R. Wankhade*

Head & Associate Professor

**Dr. V. R. Wankhade**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati .

*Y. D. Akhare*

Supervisor & Assistant Professor

**Dr.Y.D.Akhare**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati.





# CERTIFICATE

---

It is certified that the project work of Ms. Yogita V. Yadav entitled **“Nutritional composition of some freshwater fishes of Amravati city fish market”** had been perform under the supervision of Dr. 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 Gadage Baba Amravati university, Amravati.

*V.R. Wankhade*

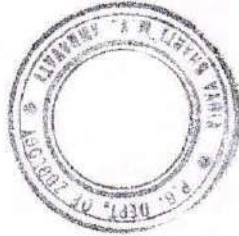
Dr. V.R. Wankhade

Head & Associate professor

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya

Amravati.



*S.H. Rathod*

Dr. S.H. Rathod

Assistant Professor

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya

Amravati.

Date : 10/06/2019

Place : Amravati

2018-2019



## CERTIFICATE

It is certified that the project work of Miss. Anagha S. Wankhade entitled "Effects of Aluminium Oxide Nanoparticles on Protein of *Drosophila melanogaster*" performed under the supervision of Dr. Y. D. Akhare in the laboratory of P. G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.

*V. R. Wankhade*

Head & Associate Professor

**Dr. V. R. Wankhade**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.

*Y. D. Akhare*

Supervisor & Assistant Professor

**Dr. Y. D. Akhare**

P.G. Department of Zoology,  
VidyaBharati Mahavidyalaya,  
Amravati.



**Place: Amravati**

**Date: 27/05/2019**

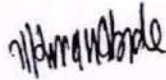
*Valued*  
*12/06/2019*

## CERTIFICATE

It is certified that the project work of Mr. Sumit Vinodrao Nipane entitled "Spider Diversity At Malkhed Region" performed under the supervision of Ms. A. G. Gaud madam in the laboratory of P.G. Department of Zoology VidyaBharati Mahavidyalaya, Amravati for fulfillment of the degree in Master of Science in Zoology of Sant Gadge Baba Amravati University , Amravati .

**Place : Amravati**

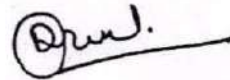
**Date : 11/ 6/2019**



Head & Associate Professor

**Dr. V. R. Wankhade**

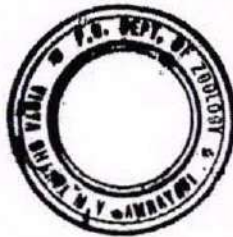
P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati.



Supervisor & Assistant Professor

**Ms. A. G. Gaud**

P.G.Department of Zoology,  
VidyaBharatiMahavidyalaya,  
Amravati.





# CERTIFICATE

It is certified that the project work of Ms. Pranita Sawarkar entitled "Nutritional composition of some freshwater fishes of Amravati city fish market" had been performed under the supervision of Dr. V.R. Wankhade 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 Gadage Baba Amravati University, Amravati.

*V.R. Wankhade*

Dr. V.R. Wankhade

Head & Associate Professor

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya

Amravati.



*V.R. Wankhade*

Dr. V.R. Wankhade

Assistant Professor

P.G. Department of Zoology

Vidya Bharati Mahavidyalaya

Amravati.

Date : 10/06/2019

Place : Amravati.

2018-2019



**“Biochemical Analysis of Nutritive value of Freshwater  
Fishes of *Ophiocephalus striatus* and *Labio rohita* of  
Amravati District”**



**2018-2019**

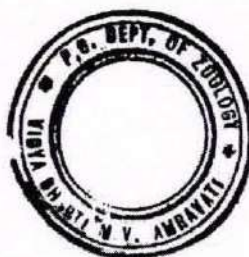
**CERTIFICATE**

It is certified that the project work of Ms. Shraddha M. Sharma entitled “Biochemical Analysis of Nutritive value of Freshwater Fishes of *Ophiocephalus striatus* and *Labio rohita* of Amravati District.” Had been performed under the supervision of Dr.V.R. Wankhade, Head and Associate professor of P.G. Department Zoology, Vidya Bharti Mahavidyala,

Amravati, For fulfilment of degree of Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati

**Place: Amravati**

**Date: 10-6-19**



*V.R. Wankhade*  
Supervisor

**Dr.V.R. Wankhade**  
Head & Associate Professor  
P.G. Department of  
Vidya Bharti Mahavidyalaya  
Amravati

**“Nutritional Composition of some freshwater fishes of  
Amravati city fish market”**



**2018-2019**

**Certificate**

It is certified that the project work of Miss. Diksha R. Ingale entitled “**Nutritional Composition of some freshwater fishes of Amravati city fish market**” had been perform under the supervision of Mr. S. H. Rathod, incharge M.Sc. in the laboratory of P.G. Department of Zoology, VidyaBharti Mahavidyalaya, Amravati for fulfilment of the Degree in Master of Science in Zoology of Sant Gadge Baba Amravati University, Amravati.



Place: Amravati

Date: 06/06/2019

*V. R. Wankhade*  
**Dr. V. R. Wankhade**

Head & Associate professor

Department of Zoology

VBMV, Amravati



# VIDYA BHARATI MAHAVIDYALAYA

C.K. Naidu Road Camp Amravati (MS) 444602

Department of Zoology  
PROJECT REPORT  
~~Sex~~ Determination in Animal  
2018-2019

Submitted by,

Ku. Dipali Ramdas Bhonde

Under the guidance of

H.O.D Prof. Wankhede Madam

Mr. Thorat Sir.



Subject: \_\_\_\_\_

Date: \_\_\_\_\_ Page \_\_\_\_\_

VIDYA BHARATI MAHAVIDYALAYA

DEPARTMENT OF ZOOLOGY

PROJECT REPORT

SEX DETERMINATION IN ANIMALS

SUBMITTED BY

KU. FATEMA SHABBIR SHATAPURWALA

UNDER THE GUIDANCE OF

H.O.D. Prof. Wankhade Mam.

Mr. Thorat Sir

Mr. Aakhre Sir



Topic : \_\_\_\_\_

Date : \_\_\_\_\_

Page : \_\_\_\_\_

VIDYA BHARTI MAHAVIDYALAYA

DEPARTMENT OF ZOOLOGY

PROJECT REPORT

*Sex Determination In Animals.*

SUBMITTED BY

AYESHA . ZAREEN

UNDER THE GUIDANCE OF

H.O.D - Prof Wankhade Mam

Mr. Thorat Sir

Mr. Aakhare Sir



DATE

PAGE

VIDYA BHARATI MAHAVIDYALAYA

C.K. Naidu Road Camp Amravati (MS) 444602

Department of Zoology

Project Report

2018 - 19

Submitted by :→ Rina S. Dongare

Under the guidance of

H.O.D Mrs. Tantarapade Mam.

Mr. Akhre sir

Mr. Thorat sir.

Project Report on :→ Sex Determination in animal.





Date \_\_\_\_\_ Page 1

\* Department of Zoology \*

\* Project Report \*

2018 - 2019

ON,

Subject :- Sex Determination in Animals

\* Submitted By,

Kv. Priyanka Bhagwant Pakhale

B.Sc II<sup>nd</sup> year 4<sup>th</sup> semester.



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

Vidyabharati Mahavidyalay, Amravati

Name :-

Name :- Shivam. D. Yewl.

class :- B.Sc - 2<sup>nd</sup> , Sem - IV<sup>th</sup>

Subject :- Zoology

Project Subject :- Sex determination in animals.



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

NAME :- AKASH TAYDE

CLASS :- B.Sc II<sup>nd</sup> [IV<sup>th</sup> SEM]

SUBJECT :- ZOOLOGY

SEX DETERMINATION

IN ANIMALS



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

Vidyabharati Mahavidyalay, Amravati.

Name :- Manish . Y. Rathod.

Class :- B.Sc - 2<sup>nd</sup> , Sem - IV<sup>th</sup>

Subject :- Zoology

Project Subject :- Sex determination in animals.



Page No  
Date

Vidya Bharti Mahavidyalaya  
C.K. Naidu Road, Camp, Amt (MS) 444602

Department of  
Zoology

Submitted by,

Shaziya Shadab % Abdul Rafique

Under Guidance,

Mr. (Thorat Sir)

Project Name:

Sex Determination in Animals.



# VIDYA BHARATI MAHAVIDYALAYA CAMP AMRAVATI

Project Report  
2018 - 2019

Subject : Sex Determination  
In animal

Submitted BY

Ku. Prapti Ramesh Rao Gulhane

Guidan's BY

Mr Thorat Sir



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

VIDYA BHARATI MAHAVIDYALAYA  
C. K. NAIDU ROAD, CAMP. AMRAVATI.

Department of Zoology

2018 - 19

'Sex Determination In Animals

submitted by,

Ky. Pratiksha Santosh Belsare

B.Sc II (CBZ)

guided by,

prof. Thorot sir



Subject: \_\_\_\_\_

Date: \_\_\_\_\_

Page \_\_\_\_\_

Name :- Royal Peakash Chauhan

Class :- B.Sc II<sup>nd</sup> ye Sem-IV

Subject :- Zoology Project

1 (Sex Determination  
in Animals)

Date :- 16/03/2019

Guided by :- Thorat Sir



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

Department of Zoology

2018-19

Project Report

Sex Determination In Animals

Submitted by,

Ku. Pooja Dipak Tadhae.

Guided by,

Prof. Thorat sir,

Aakhare sir.



Subject: \_\_\_\_\_

Date: \_\_\_\_\_ Page \_\_\_\_\_

Vidya Bharati Mahavidyalaya

Department of Zoology

Project Report

Sex Determination in Animals

Submitted By,

Ku. Mayuri Ashokrao Patenge

Under the guidance of

HOD. Mrs. Wankhade mam

Mrs. Thorat sir

Mrs. Alkharde sir



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

VIDYA BHARATI MAHAVIDYALAYA

Naidu Road, Camp Amravati, 444602

Department of Zoology

PROJECT REPORT

SEX DETERMINATION IN ANIMALS

2018 - 2019

Submitted by -

Ku. Pranali B. Kamble

UNDER The Guidance of -

Prof. Thorat Sir

Prof. Tantarapale Mam

Prof. Akhare Sir



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

Vidya Bharati Mahavidyalay  
C.K. Naidu Road Camp Amt

Department of zoology  
Project Report  
2018 - 2019

Sex Determination in Animals

Submitted by

Ku. Sakshi Vikas Burange

under the guidance of

H.O.D Prof. Wankhade madam

Dr. Thorat sir.



Page No  
Date

# VIDYA BHARATI MAHAVIDYALAYA

DEPARTMENT OF ZOOLOGY

PROJECT REPORT

*Sex. Determination in Animals.*

SUBMITTED BY,

ANNIE VINAY NITNAWARE

UNDER THE GUIDANCE OF

HOD PROF. WANKHADE MAM

MR. THORAT SIR

MR. AAKHRE SIR



Subject: \_\_\_\_\_

Date: \_\_\_\_\_ Page: \_\_\_\_\_

VIDYA BHARATI MAHAVIDYALAYA

C. K. Naidu Road Camp Amravati (Ms) 444602

Department of Zoology

❀ PROJECT REPORT ❀

Sex Determination in Animals.

2018 - 2019

Submitted by,

Ku. Shraddha Ashok Ingale

Under the guidance of

Dr. N. R. Thorat Sir

Dr. Y. D. Akhare Sir



Subject: \_\_\_\_\_ Date: \_\_\_\_\_ Page: \_\_\_\_\_

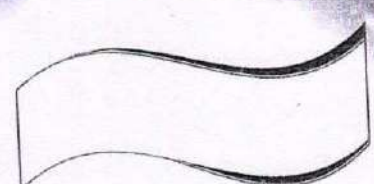

Name :- Aniket Arunrao Lanjewar

Subject :- Zoology Project  
- Sex Determination in Animals.

Class :- B.Sc II<sup>nd</sup> IV<sup>th</sup> - sem (CBZ)

College :- Vidya Bharti Mahavidyalaya





Vidhyabharti mahavidhyala Amravati

Name : Aditya Uddharsao Kajale  
class :- BSc - II<sup>nd</sup> year sem - IV<sup>th</sup>.

Subject :- Zoology. Project

Project Subject :- sex determination  
in animals.



Name: Akash Sabulal Dhande

Class : B.Sc-II<sup>nd</sup>, (sem ~~IV~~<sup>IV</sup><sup>th</sup>).

Subject : Zoology.

Project sub : sex determination  
in animals.



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



**CERTIFICATE**

This is to certify that,

Shri/Ku \_\_\_\_\_

studying in the class \_\_\_\_\_ during academic session 2018-2019 of  
this institute. He/She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/2/2019

Signature of the Incharge

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Shreya Vilasrao Gulhane

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Shreya Vilasrao Gulhane

studying in the class B.S.C.II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

*21/05/19*

Signature of the Incharge

*Phanabhai*

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Maniya Siddique Asif

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Mariya Siddique Asif

studying in the class B.S.C.II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/2/2019

Signature of the Incharge

V. Ramani

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Sadiya Sadaf Basit Khan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Sadiya Sadaf Basit Khan

studying in the class B.S. 1<sup>st</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/2/2019

Signature of the Incharge

V. Manjappa

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Rashi Suryakant Seodiya

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Rashi Suryakant Sisodiya

studying in the class B.Sc II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

22/05/2019

Signature of the Incharge

[Signature]

Head of the Department

# PROJECT REPORT

ON

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

= SUBMITTED BY=

Mr. Abhidnya Dabhade

= GUIDED BY =

**Dr. V. R. Wankhade**

**Dr. Y. D. Akhare**

**Dr. N. R. Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/~~Ka~~ Abhidnya Dabhade.

Roll. No. \_\_\_\_\_ studying in the class B.Sc II<sup>nd</sup> Sem<sup>IV</sup> during academic

session 2018-2019 of this institute. He /She has completed Project Work  
based on the Syllabus and given satisfactory account of it in this project.

Date:

21/20/21

Signature of the Incharge

Y. Manabde

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Altisha Mahreen Waheed.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Alfisha Mahreen Waheed

Roll. No. \_\_\_\_\_ studying in the class B.Sc.II<sup>nd</sup> during academic

session 2018-2019 of this institute. He /She has completed Project Work  
based on the Syllabus and given satisfactory account of it in this project.

Date:

7/2/21

Signature of the Incharge

V. W. W. W.

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Ashwini R. Sontakke

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Ashwini R. Sontakke

studying in the class B.Sc. II during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/2/21

Signature of the Incharge

Mananandade

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Bhavana Sahebrao patke

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Bhavana Sahebrao Patke

**studying in the class** B.Sc. II<sup>nd</sup> **during academic session 2018-2019 of**  
**this institute. He /She has completed Project Work based on the Syllabus**  
**and given satisfactory account of it in this project.**

**Date:**

7/2/21

**Signature of the Incharge**

W. B. Manandade

**Head of the Department**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Farheen Afshan Sadique.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Farheen Afshan Sadique.

studying in the class B.Sc II during academic session 2018-2019 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

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Niraj Manang Jawarkar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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**DEPARTMENT OF ZOOLOGY**



**CERTIFICATE**

This is to certify that,

Shri/Ku Niraj Manoj Jawarkar

studying in the class \_\_\_\_\_ during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/12/21

Signature of the Incharge

V. Manoj

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Suraj Pramodrao Wankhade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Sureaj Pramodrao Wankhade

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/2/21

Signature of the Incharge

Wankhade

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Ms. Mayuri B. Patorkar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

~~Shri/Ku~~ Mayuri B. Patorkar

studying in the class B.S.CII<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

22/11/21

Signature of the Incharge

VB Mandade

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Mubashshira Firdous Ahmad

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Mubashshira Firdas Ahmad

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

21/11/21

Signature of the Incharge

V. B. Mahale

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Prajakta Kishor Thutane

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Brajakta Kishor Putare

studying in the class B.SC.II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/12/19

Signature of the Incharge

Namande

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Pranali Rajendra Khatane

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Pranali Rajendra Watahe

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/12/2019

Signature of the Incharge

Pranali Watahe

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Wadali Lake.**

**= SUBMITTED BY=**

Mayuri Archit Chauhan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Mayurvi Aarchit Chauhan

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7-7/2019

Signature of the Incharge

V. B. Wankhede

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Jayashri Gajanan Dhandar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Jayashri Gajanan Dhandar

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Shangita Ramy Kasdekar.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Vangita Ramu Kasdekar

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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**

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Ashwini Aniruddha Mahajan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Ashwini Aniruddha Mahajan

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Nayab Mohd. Arif Shaikh

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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




**CERTIFICATE**

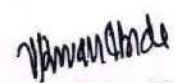
This is to certify that,

Shri/Ku Nayab Mohd. Arif Shaikh

studying in the class Bsc 1<sup>st</sup> yr during academic session 2018-2019 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

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Mahrosh Fatema Mohd. Arif

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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




**CERTIFICATE**

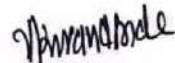
This is to certify that,

Shri/Ku Mahrosh Fatema Mohd. Arif

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

pranjali<sup>o</sup> S. Titare

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Pranjali S. Titare

**studying in the class** B.Sc II<sup>nd</sup> yr **during academic session 2018-2019 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**

# PROJECT REPORT

ON

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Tanzeem Qaba Firoz Khan

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Tanzeem Saba Firoz Khan

studying in the class B.Sc 1<sup>st</sup> yr during academic session 2018-2019 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

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Tejaswini Ashok Bhagwat

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Tejaswini Ashok Bhagar

studying in the class B.SC 1<sup>st</sup> yr during academic session 2018-2019 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

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Snehal Mundane

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Onehal Mundane

studying in the class B.Sc 1<sup>st</sup> yr during academic session 2018-2019 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

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Shrushi Pragna Wadgaonkar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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




**CERTIFICATE**

This is to certify that,

Shri/Ku Shrushti Prafulla Wadalkar

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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

# PROJECT REPORT

ON

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

= SUBMITTED BY =

Sonika Nageshwar.

= GUIDED BY =

Dr. V. R. Wankhade

Dr. Y.D. Akhare

Dr. N.R.Thorat

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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




**CERTIFICATE**

This is to certify that,

Shri/Ku Sonika Nageshwar

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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



**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Steven C. Kanodiya

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Steven C. Kanodiya

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 of  
this institute. He/She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/12/2017

Signature of the Incharge

V. V. V. V.

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Kausar Fatema Mohd. Jafar.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** Kausar Fatema Mohd. Jafar

**studying in the class** B.Sc II<sup>nd</sup> yr **during academic session 2018-2019 of**  
**this institute. He/She has completed Project Work based on the Syllabus**  
**and given satisfactory account of it in this project.**

**Date:**

7/12/2017

**Signature of the Incharge**

V. Manohar

**Head of the Department**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Vedant Gangadhar Khalokar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Vedant Gangadhar' Khalokar

studying in the class B.Sc 1<sup>st</sup> yr. during academic session 2018-2019 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



# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Qayed Noorish Ashfaque.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Sayed Noorish Ashfaq

studying in the class B-sc II<sup>nd</sup> yr during academic session 2018-2019 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

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Poorna Y. Jadhav

**= GUIDED BY =**

**Dr. V. R. Wankhade**

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**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku prerna Y. Jadhav

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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

01 VIDYA BHARATI MAHAVIDYALAYA, CAMP,  
AMRAVATI.

DEPARTMENT OF ZOOLOGY



**CERTIFICATE**

This is to certify that,

Shri/Ku Aftab Akbar Hussain

studying in the class B.Sc. II during academic session 2018-2019 of  
this institute. He/She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/12/2017

Signature of the Incharge

P. Prasad

Head of the Department

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Pohra-Malkhed Jungle.**

**= SUBMITTED BY =**

Aftab Akbar Hussain

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Anjali Vijay Pande

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Anjali Vijay Pande

studying in the class B.S.C II during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

21/11/21

Signature of the Incharge

R. P. Pande  
Head of the Department

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Yogeshwari Pawansing Bais

studying in the class B-sc 1<sup>st</sup> yr during academic session 2018-2019 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



# PROJECT REPORT

ON

Study of Natural Ecosystem and Field visit to Chikhaldara.

= SUBMITTED BY =

Yogeshwari Pawansing Bais

= GUIDED BY =

Dr. V. R. Wankhade

Dr. Y.D. Akhare

Dr. N.R.Thorat

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**  
**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Tazeen Abdul Khalique

studying in the class B.Sc II<sup>nd</sup> during academic session 2018-2019 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**

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Tazeen Abdul Khalique

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Shifu Nigarith Sadique

studying in the class B.Sc and during academic session 2018-2019 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

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Shife Nigarish Sadique.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Manisha A. Gaikwad

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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



# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Manisha A. Gaikwad

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Priyanka S. Khandare

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku priyanka S. khandare

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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



# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Vaishnavi Aseem Dalavi

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Vaishnavi Arun Dalavi

studying in the class BSc. II<sup>nd</sup> during academic session 2018-2019 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

Mamandade

Head of the Department

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Vaishnani . Vinod . Shinde

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Vaishnavi Vinod. Shinde

studying in the class BSc. II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/12/2019

Signature of the Incharge

Vaishnavi Shinde

Head of the Department

# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Sonali Sanjayrao Gujar

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

**This is to certify that,**

**Shri/Ku** ✓ Sonali Sanjayrao Gujar

**studying in the class** B.SC-IT **during academic session 2018-2019 of**  
**this institute. He /She has completed Project Work based on the Syllabus**  
**and given satisfactory account of it in this project.**

**Date:**

7/12/21

**Signature of the Incharge**

Amantkade

**Head of the Department**



# **PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Aditi Sunil Shrivastava

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**  
**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Aditi Sunil Shrinwas

studying in the class BSc. II<sup>nd</sup> year during academic session 2018-2019 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

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

✓ Vrushali Eknath Hage.

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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

This is to certify that,

Shri/Ku Vrubhali Eknath Hage

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/12/21

Signature of the Incharge

V. Mani Mele

Head of the Department

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



**CERTIFICATE**

This is to certify that,

Shri/Ku ✓ Rajakta Sudhakar Pitare

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He/She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

9/12/2019

Signature of the Incharge

N. Manohar

Head of the Department

# PROJECT REPORT

ON

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

= SUBMITTED BY =

Poojakta Sudhakar Titare

= GUIDED BY =

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Neha Avinagh Deshbhatar

studying in the class B.Sc II<sup>nd</sup> yr during academic session 2018-2019 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

**PROJECT REPORT**

ON

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

= SUBMITTED BY =

Neha Avinash Dashbhoratar,

= GUIDED BY =

Dr. V. R. Wankhade

Dr. Y.D. Akhare

Dr. N.R.Thorat

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

2018-2019

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Shruti<sup>o</sup> Pradiprao Bobade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Shruti Pradiprao Bobade

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/12/21

Signature of the Incharge

V. Pradiprao

Head of the Department

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Priya Ambadas Raurade

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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

This is to certify that,

Shri/Ku Prema Ambadas Raurade

studying in the class B.S.C II<sup>nd</sup> yr during academic session 2018-2019 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



**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Siddhi Suresh Kabra

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R.Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**

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



**CERTIFICATE**

This is to certify that,

Shri/Ku Siddhi Suresh Kabra

studying in the class B.S.C II<sup>nd</sup> yr during academic session 2018-2019 of  
this institute. He /She has completed Project Work based on the Syllabus  
and given satisfactory account of it in this project.

Date:

7/2/2019

Signature of the Incharge

V. Mandhane

Head of the Department

**PROJECT REPORT**

**ON**

**Study of Natural Ecosystem and Field visit to Chikhaldara.**

**= SUBMITTED BY =**

Sakshi Santosh Bharsakale

**= GUIDED BY =**

**Dr. V. R. Wankhade**

**Dr. Y.D. Akhare**

**Dr. N.R. Thorat**

**VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI**

**2018-2019**



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



**CERTIFICATE**

This is to certify that,

Shri/Ku Sakshi Santosh Bharsakale

studying in the class B.S.C II<sup>nd</sup> during academic session 2018-2019 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**

**Department of Electronics**

**B.Sc. Electronics- 2018-19**

**-Report-**

**Project allotted to B.Sc. Electronics- 2018-19**

This current academic year 2018-19 total 37 were students admitted to the B.Sc. - III Electronics programme. As the curriculum defined by Sant Gadge Baba Amravati University, Amravati, all students of B.Sc. Electronics(Semester-VI) were allotted total 06different projects. The students have completed 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 Deptt.**  
**Department of Electronics**  
**VBMV, Amravati**

**Vidya Bharati Mahavidyalaya, Amravati**

**Department of Electronics**

**B.Sc. Electronics- 2018-19**

**Project allotted to B.Sc. Electronics- 2018-19**

Sr.No.	Name of student	Project title
1.	1. Ku. Mayuri G. Virulkar 2. Ku. Pratiksha D. Pachghare 3. Ku. Rujvi J. Gajbe 4. Ku. Sheetal A. Akolkar 5. Ku. Rani S. Gedam	Third eye : Aid for Blind
2.	1. Suraj P. Kaware 2. Nilesch R. Bundile 3. Anurag D. Tajane 4. Amar N. Kawalkar 5. Akhil Bayskar 6. Kartik M. Bonde 7. Ku. Komal V. Kale	Microcontroller Based Traffic light signal
3.	1. Ku. Tejaswini S. Mapale 2. Ku. Snehal Mohod 3. Ku. Arti Bhelkar 4. Vivek Fule 5. Vishal Mahajan 6. Nikhil Papankar 7. Bhushan Pimpalkar	Microcontroller based code lock system(opening door)
4.	1. Lalit R. Sonare 2. Nirmal S. Chavan 3. Abhinav A. Mankar 4. Ankita S. Mahulkar 5. Vaishnavi R. Shelke 6. Suhasi V. Gadge	Smart farming using I.O.T.
5.	1. Ku. Dhanashree P. Raut 2. Ku. Pooja S. Sardar 3. Ku. Laxmi B. Dikey 4. Aditi K. Shevatkar 5. Pratiksha M. Kubde	Digital Speedometer
6.	1. Ku. H. R. Shah 2. Ku. R. M. Deshmukh 3. Arbaz Ahmed Absar Ahmed 4. O. S. Sahastrabuddhe 5. P. M. Wasu 6. Ku. S. G. Pandawkar 7. M. R. Pandharkar	Traffic signal using microcontroller

**Head**

**Department of Electronics**

**Head of the Deptt.**

**Department of Electronics**

**VBMV, Amravati**



**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED NITRO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sanj. Gadge Baba Amravati University, Amravati

As a partial fulfilment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Trupti Digambar Gawande

M.Sc. Part- II

**PROJECT GUIDE**

Dr. V. V. Parbate

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

Department of Chemistry

Vidya Bharati Mahavidyalaya, Amravati

2018-2019

### CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "**SYNTHESIS OF SOME NEWLY SYNTHESIZED CHALCONE AND PYRAZOLINES**" is the bonafide research work carried out by Miss. **Trupti D. Gawande** under guidance of **Dr. V.V. Parhate** in the P.G. Department of Chemistry, **VidyaBharati Mahavidyalaya, Amravati**, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 10/2/19

Place: Amravati



Head of Department

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati.

**"Preparation and Analysis of 1,3,4 Thiadiazole derivatives"**

## **PROJECT**

Submitted to

Sant Gadge Baba Amravati University, Amravati

For The Partial Fulfillment Of Degree

Master Of Science

In

Chemistry

By

**Mr. Vivek K. Solanki**

Under the guidance  
of

**Dr. Vijay H. Masand,**  
**(Ph.D, SET)**



Department of Chemistry

Vidyabharati Mahavidyalaya, Amravati (M.S)

2018-2019



# CERTIFICATE

This is to certify that **Mr. Vivek K. Solanki** is a bonafide student of the Department of Chemistry studying in M.sc. II (sem IV) during the academic year 2018-2019.

Further it is certified that he has carried out the project worked entitled "Preparation and Analysis of 1,3,4 Thiadiazole derivatives" under the supervision of **prof. Vijay H. Masand** and submitted for the partial fulfillment of the award of degree of M.sc. (Chemistry) in science faculty.

Date: 19/6/19

Place: Amravati

*Enalprate 1*  
*Pat*



**Dr. V. V. Parahate,**

Head

(Department of chemistry)  
Vidyabharati Mahavidyalaya,  
Amravati.

**“Synthesis and Biocidal Effects of Substituted  
 $\beta$ -Diketone Synthesized from  
4-Bromophenol”**

**Project**

*Submitted to*

**Department of Chemistry**

**Vidyabharati Mahavidyalaya, Amravati and**

**Sant Gadge Baba Amravati University, Amravati.**

*For the Degree of*

**MASTER OF SCIENCE**

**in**

**CHEMISTRY**

*Submitted By*

**Ms. Arshiya Z. Sayyed**

*Guided By*

**Dr. PRAVIN S. BODKHE**

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



**Department of Chemistry**

**VidyaBharati Mahavidyalaya, Amravati.**

# CERTIFICATE

*This is to certify that this project work has completed by **Ms. Arshiya Z. Sayyed** under my supervision in post graduate in chemistry, Vidyabharati Mahavidyalaya, Amravati, during the academic year 2018-2019.*

**Date-** 10 / 06 / 19

**Place-** Amravati

  
**Dr. P. S. Bodkhe**

**Asst. Professor**

**Department of Chemistry**

**Vidyabharati Mahavidyalaya,**

**Amravati.**



"Preparation and Analysis of 1,3,4 Thiadiazole derivatives"

## PROJECT

Submitted to

Sant Gadge Baba Amravati University, Amravati  
For The Partial Fulfillment Of Degree  
Master Of Science

In

Chemistry

By

**Mr. Madhur K. Daga**

Under the guidance  
of

**Dr. Vijay H. Masand.**  
(Ph.D, SET)



Department of Chemistry  
Vidyabharati Mahavidyalaya, Amravati (M.S)  
2018-2019

# CERTIFICATE

This is to certify that **Mr. Madhur K. Daga** is a bonafide student of the Department of Chemistry studying in M.sc. II (sem IV) during the academic year 2018-2019.

Further it is certified that he has carried out the project worked entitled "Preparation and Analysis of 1,3,4 Thiadiazole derivatives" under the supervision of **prof. Vijay H. Masand** and submitted for the partial fulfillment of the award of degree of M.sc. (Chemistry) in science faculty.

Date: 10/01/19

Place: Amravati

*Evaluated*  
*Ans*

*Dr. V. V. Parahate*

**Dr. V. V. Parahate,**

Head

(Department of chemistry)  
Vidyabharati Mahavidyalaya,  
Amravati.

A Project Report on

*Adsorption of toxic metals on fruit skin*

A Project Submitted To,

Department of Chemistry

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.

(2018-2019)

And

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

For the Degree of  
Master Of Science  
In Chemistry

Submitted By

*Miss. Harshada S. Dayalkar*

M.Sc. Final Year

2018-2019

Guided by

*Dr. C. C. Deshmukh*

M.Sc., Ph.D.




P.G. Department of Chemistry  
Vidyabharati Mahavidyalaya,  
Amravati.  
2019




### **CERTIFICATE**

This is to certify that this project work has been completed by Miss. Harshada S. Dayalkar, under my supervision in Post-Graduate Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2018-2019.  
I wish her every success in her life.

Date: 10 / 06 / 2019  
Place: Amravati

  
Dr. C. C. Deshmukh  
Assistant Professor  
P.G. Department of Chemistry,  
Vidyabharati Mahavidyalaya,  
Amravati.

Harshada S. Dayalkar  


# **“Synthesis of Sorbitol Based Polymers and Making of Detergents”.**

**PROJECT**

**Submitted to**

**Sant Gadage Baba Amravati University, Amravati**

**for the partial fulfilment of Degree**

**Master of Science**

**In**

**CHEMISTRY**

**BY**

**Miss. Shraddha S. Lawange**

**Project Guide**

**Dr. Mukesh U. Bambole**

**M.Sc., Ph.D., SET, GATE.**



**DEPARTMENT OF CHEMISTRY**

**Vidya Bharati Mahavidyalaya, Amravati. [M.Sc]**

**2018-2019**

## CERTIFICATE

This is to certify that this project work has been completed by **Miss. Shraddha S. Lawange** under supervision of **Prof. M. Bambole**, Post-Graduate department of Chemistry, Vidya Bharati Mahavidyalaya Amravati, during the academic year 2018-2019.

I wish her every success in her life.

Date: 11/03/2019

  
**Dr. V. V. Parate**  
Head

Department Of Chemistry  
Vidya Bharati Mahavidyalaya  
Amravati.



# **“Synthesis of Sorbitol Based Polymers and Making of Detergents”.**

## **PROJECT**

**Submitted to**

**Sant Gadage Baba Amravati University, Amravati**

**for the partial fulfilment of Degree**

**Master of Science**

**In**

**CHEMISTRY**

**BY**

**Miss. Namrata P. Wasankar**

**Project Guide**

**Dr. Mukesh U. Bambole**

**M.Sc., Ph.D., SET, GATE.**



**DEPARTMENT OF CHEMISTRY**

**Vidya Bharati Mahavidyalaya ,Amravati,[M.Sc]**

**2018-2019**

## CERTIFICATE

This is to certify that this project work has been completed by **Miss. Namrata p. Wasankar** under supervision of **Prof. M. Bambole**, Post-Graduate department of Chemistry, Vidya Bharati Mahavidyalaya Amravati, during the academic year 2018-2019.

I wish her every success in her life.

Date: 11 / 03 / 2019



**Dr. V. V. Parate**

Head

Department Of Chemistry  
Vidya Bharati Mahavidyalaya  
Amravati.

# **“Synthesis of Sorbitol Based Polymers and Making of Detergents”.**

## **PROJECT**

**Submitted to**

**Sant Gadage Baba Amravati University, Amravati**

**for the partial fulfilment of Degree:**

**Master of Science**

**In**

**CHEMISTRY**

**BY**

**Miss. Bhagyashri S. Bodkhe**

**Project Guide**

**Dr. Mukesh U. Bambole**

**M.Sc., Ph.D., SET, GATE.**



**DEPARTMENT OF CHEMISTRY**

**Vidya Bharati Mahavidyalaya ,Amravati.[M.Sc]**

**2018-2019**



## CERTIFICATE

This is to certify that this project work has been completed by Miss. . Bhagyashri S. Bodkhe under supervision of Prof. M. Bambole, Post-Graduate department of Chemistry, Vidya Bharati Mahavidyalaya Amravati, during the academic year 2018-2019.

I wish her every success in her life.

Date: 11/03/2019

  
30/6/19  
Dr. V. V. Parate  
Head

Department Of Chemistry  
Vidya Bharati Mahavidyalaya  
Amravati.

**“Synthesis and Biocidal Effects of Substituted  
 $\beta$ -Diketone Synthesized from**

**4-Bromophenol”**

**Project**

*Submitted to*

**Department of Chemistry**

**Vidyabharati Mahavidyalaya, Amravati and**

**SantGadge Baba Amravati University, Amravati.**

*For the Degree of*

**MASTER OF SCIENCE**

**in**

**CHEMISTRY**

*Submitted By*

**Ms. Ruchika R. Shende**

*Guided By*

**Dr. PRAVIN S. BODKHE**

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



**Department of Chemistry**

**VidyaBharati Mahavidyalaya, Amravati.**

---

## CERTIFICATE

*This is to certify that this the work in this project has completed by Ms.Ruchika R. Shende under supervision of Dr.P.S.Bodkhe in post graduate of chemistry, Vidya Bharati Mahavidyalaya, Amravati, during the academic year 2018-2019.*

Date-16/6/19

Place-Amravati

  
**Dr.V.V.Parhate**

**(Head)**

Department of Chemistry,  
Vidyabharati Mahavidyalaya,  
Amravati.



**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED BROMO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sant Gadge Baba Amravati University, Amravati

As a partial fulfillment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Pratiksha C. Charjan

M.Sc. Part- II

**PROJECT GUIDE**

Dr. M.M. Rathod

M.Sc., Ph.D.

Department of Chemistry

VidyaBharati Mahavidyalaya, Amravati

2018-2019

## CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED BROMO CHALCONE AND PYRAZOLINES" is the bonafide research work carried out by Miss. Pratiksha C. Charjan under guidance of Dr. M.M. Rathod in the P.G. Department of Chemistry, VidyaBharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 10/6/19

Place: Amravati



Head of Department

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati.

A Project Report on

***"Adsorption of toxic metals on vegetables"***

A Project Submitted To,

Department of Chemistry

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.

And

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

For The Degree of  
Master of Science  
In Chemistry

Submitted By

**Mr. Saikant D. Kalyamwar**

M.Sc. II Year

2018-2019

Guided by

**Dr. C.C. Deshmukh**

M.Sc., Ph.D.



P.G.Department of Chemistry  
Vidyabharati Mahavidyalaya,  
Amravati.


2019



### CERTIFICATE

This is to certify that this project work has been completed by **Mr. Saikant D. Kalyamwar** under the supervision of **Dr. C. C. Deshmukh** Assistant Professor in Post- Graduate Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati. During the academic year 2018-2019. I wish every success in his life.

Place: Amravati  
Date: 10/06/2019

  
**Dr. V.V. Parhate**  
Head, Department of  
Chemistry  
Vidyabharati Mahavidyalaya,  
Amravati  
2018-2019

**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED NITRO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sant Gadge Baba Amravati University, Amravati

As a partial fulfilment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Shyamali Ramesh Ugate

M.Sc. Part- II

**PROJECT GUIDE**

Dr. V. V. Parbhare

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

Department of Chemistry

Vidya Bharati Mahavidyalaya, Amravati

2018-2019

## CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "**SYNTHESIS OF SOME NEWLY SYNTHESIZED CHALCONE AND PYRAZOLINES**" is the bonafide research work carried out by Miss: Shymal R. Ugale under guidance of **Dr. V.V. Parhate** in the P.G. Department of Chemistry, VidyaBharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 10/6/19

Place: Amravati



Head of Department

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati.



**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED BROMO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sant Gadge Baba Amravati University, Amravati

As a partial fulfillment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Sneha Dhanraj Chaudhari

M.Sc. Part- II

**PROJECT GUIDE**

Dr. M. M. Rahiwal

M.Sc., Ph.D.

Department of Chemistry

VidyaBharati Mahavidyalaya, Amravati

2018-2019

### CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "**This synthesis and characterization of some newly synthesized bromochalcones and pyrazolines**" is the bonafide research work carried out by Miss. Sneha D. Choube under guidance of **Dr. M. M. Rathod** in the P.G. Department of Chemistry, VidyaBharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 30/6/13

Place: Amravati



Head of Department

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati.

**“Synthesis, Characterization and multifarious  
analysis of 1,3,4-thiadiazole derivatives.”**

**PROJECT**

Submitted to

Sant Gadge Baba Amravati University, Amravati

For The Partial Fulfillment Of Degree

Master Of Science

In

Chemistry

By

**Miss. Revati Vijay Salphale**

Under the guidance of

**Dr. Vijay H. Masand  
(Ph.D., SET)**



Department of Chemistry  
Vidyabharati Mahavidyalaya, Amravati (M.S)  
2018-2019



## CERTIFICATE

This is to certify that **Miss. Revati Vijay Salphale** is a bonafide student of the Department of Chemistry studying in M.Sc. II (SEM IV) during the academic year 2018-2019.

Further it is certified that she has carried out the project worked entitled "Preparation and Analysis of 1,3,4 Thiadiazole derivatives" under the supervision of **Prof. Vijay H. Masand** and submitted for the partial fulfillment of the award of degree of M.sc. (Chemistry) in science faculty.

Date: 10/6/19

Place: Amravati



**Dr. V. V. Parahate,**

Head

(Department of chemistry)  
Vidyabharati Mahavidyalaya,  
Amravati.

**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED BROMO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sant Gadge Baba Amravati University, Amravati

As a partial fulfillment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Gauri Vinayrao Patil

M.Sc. Part- II

**PROJECT GUIDE**

Dr. S. V. Rahulkar

M.Sc., Ph.D.

Department of Chemistry

VidyaBharati Mahavidyalaya, Amravati

2018-2019

### CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "**This synthesis and characterization of some newly synthesized bromochalcones and pyrazolines**" is the bonafide research work carried out by Miss. Gauri V. Pote under guidance of **Dr. M. M. Rathod** in the P.G. Department of Chemistry, VidyaBharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 10/6/19

Place: Amravati

  
Head of Department

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati,



A Project Report on

**Adsorption of toxic metals on fruit skin**

A Project Submitted To,

Department of Chemistry

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.

And

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

For the Degree of

Master Of Science

In Chemistry

Submitted By

Miss. Avanti A. Shende.

M.Sc. II Year

2018-2019

Guided by

Dr. C. C. Deshmukh

M.Sc., Ph.D.



P.G. Department of Chemistry

Vidyabharati Mahavidyalaya,

Amravati.

2019

## CERTIFICATE

This is to certify that this project work has been completed by **Miss. Avanti A. Shende** under the supervision of **Dr. C.C. Deshmukh**, Asst. Professor in Post- Graduate Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2018-2019. I wish her every success in her life.

Date: 10/06/ 2019

Place: Amravati

  
**Dr. V.V. Parhate**

Head, Department of Chemistry  
Vidyabharati Mahavidyalaya,  
Amravati.  
2018-2019

**"STUDIES IN ULTRASONIC BEHAVIOR OF 4- NITRO  
BENZOICACID BY ULTRASONICINTERFEROMETER"**



**Submitted by :**

**Ku. Pooja D. Bodakhe**

**Under the guidance of**

**Dr. M. L. NARWADE (M.Sc., Ph.D)**

**Submitted to,**

**Sant Gadge baba Amravati University , Amravati**

**For the award of Degree**

**MASTER OF SCIENCE**

**IN**

**CHEMISTRY**

**Department of Chemistry**

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

**2018-2019**




## CERTIFICATE

This is to certify that the Project work has been completed by Miss. Pooja D. Bodakhe , under the supervision of Dr. M. L. NARWADE, in Department of Chemistry, Vidya Bharati Mahavidyalaya, Amravati. During the academic year 2018-2019.

Date : 10/6/19

Place :

  
Dr. V. V. Parhate

Head Department of Chemistry  
Vidya Bharati Mahavidyalaya,  
Amravati

Evaluated  


**"STUDIES IN ULTRASONIC BEHAVIOR OF 4-AMINO  
BENZOIC ACID BY ULTRASONIC INTERFEROMETER"**



**Submitted by**

**Mr. ABHINAV R. NAGHATE**

**Under the guidance of**

**Dr. M. L. NARWADE (M.Sc., Ph.D)**

**Submitted to,**

**Sant Gadge baba Amravati University , Amravati**

**For the award of Degree**

**MASTER OF SCIENCE**

**IN**

**CHEMISTRY**

**Department of Chemistry**

**Vidya Bharati Mahavidyalay, Amravati**

**2018-2019**

## GUIDE CERTIFICATE

This is to certify, that the work presented in this thesis entitled, studies in ultrasonic behavior of compound, has been carried out by **Mr.**

**Abhinav. R. Naghate** Under supervision in the department of chemistry, Vidyabharti Mahavidyalay, Amravati. I find the work is comprehensive, duly acknowledge and the same has not been submitted elsewhere for any degree or diploma.

Place: Amravati

Date: 10/6/19



Dr. M.L. Narwade

Department of Chemistry

Vidya Bharati Mahavidyalaya,

Amravati





A Project Report on

*Adsorption of toxic metals on fruit skin*

A Project Submitted To,

Department of Chemistry

VIDYABHARTI MAHAVIDYALAYA, AMRAVATI.

(2018-2019)

And

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.

For the Degree of

Master Of Science

In Chemistry

Submitted By

*Miss. Vaishnavi R. Nilawar.*

M.Sc. Final Year

2018-2019

Guided by

*Dr. C. C. Deshmukh*

M.Sc., Ph.D.



P.G. Department of Chemistry

Vidyabharati Mahavidyalaya,

Amravati.

2019

### **CERTIFICATE**

This is to certify that this project work has been completed by **Miss. Vaishnavi R. Nilawar** under the supervision of **Dr. C. C. Deshmukh**, Asst. Professor in Post- Graduate Department of Chemistry, Vidyabharati Mahavidyalaya, Amravati during the academic year 2018-2019. I wish her every success in her life.

Date: 10 / 06 / 2019

Place: Amravati

  
**Dr. V.V. Parhate**

Head, Department of Chemistry,  
Vidyabharati Mahavidyalaya,  
Amravati.  
2018-2019

**“Synthesis and Biocidal Effects of Substituted  
 $\beta$ -Diketone Synthesized from  
4-Bromophenol”**

**Project**

*Submitted to*

**Department of Chemistry**

**Vidyabharati Mahavidyalaya, Amravati and**

**Sant Gadge Baba Amravati University, Amravati.**

*For the Degree of*

**MASTER OF SCIENCE**

**in**

**CHEMISTRY**

*Submitted By*

**Ms. Nikhita K. Bopche**

*Guided By*

**Dr. PRAVIN S. BODKHE**

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



**Department of Chemistry**

**VidyaBharati Mahavidyalaya, Amravati.**



## CERTIFICATE

*This is to certify that this the work in this project has completed by **Ms. Nikhita K. Bopche** under supervision of **Dr.P.S.Bodkhe** in post graduate of chemistry, VidyaBharati Mahavidyalaya, Amravati, during the academic year 2018-2019.*

**Date-** 01/6/19

**Place-Amravati**



**Dr.V.V.Parhate**

**(Head)**

Department of Chemistry,

Vidyabharati Mahavidyalaya,

Amravati.

**“Synthesis, Spectral And Chromatographic  
Characterization of 1,3,4-thiadiazole & it's Derivatives”**

**PROJECT**

Submitted to

Sant Gadge Baba Amravati University, Amravati

For The Partial Fulfillment Of Degree

Master Of Science

In

Chemistry

By

**Miss. Sonali Nikhilesh Sahu.**

Under the guidance  
of

**Dr. Vijay H. Masand.**  
**(Ph.D, SET)**



**Department of Chemistry**  
**Vidya Bharti Mahavidyalaya, Amravati (M.S)**  
**2018-2019**

## CERTIFICATE

This is to certify that **Ms. Sonali Nikhilesh Sahu** is a bonafide student of the Department of Chemistry studying in M.sc. II (sem IV) during the academic year 2018-2019.

Further it is certified that she has carried out the project worked entitled "Preparation and Analysis of 1,3,4 Thiadiazole derivatives" under the supervision of **Prof. Vijay H. Masand** and submitted for the partial fulfillment of the award of degree of M.sc. (Chemistry) in science faculty.

Date: 10/6/19

Place: Amravati



**Dr. V. V. Parahate,**

Head

(Department of chemistry)

Vidya Bharti Mahavidyalaya,

Amravati.

Evaluated  




**SYNTHESIS AND CHARACTERIZATION OF SOME NEWLY SYNTHESIZED NITRO  
CHALCONES AND PYRAZOLINES**

**PROJECT REPORT**

Project submitted to

Sant Gadge Baba Amravati University, Amravati

As a partial fulfilment of degree

Master of Science in Chemistry



**Submitted by**

Miss. Ruchika Yashraj Mishra

M.Sc. Part- II

**PROJECT GUIDE**

Dr. V/V. Parhate

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

Department of Chemistry

VidyaBharatiMahavidyalaya, Amravati

2018-2019

## CERTIFICATE

This is to certify that the piece of work incorporated in the project entitled "**SYNTHESIS OF SOME NEWLY SYNTHESIZED CHALCONE AND PYRAZOLINES**" is the bonafide research work carried out by Miss. Ruchika A. Mehare under guidance and the supervision in the P.G. Department of Chemistry, VidyaBharati Mahavidyalaya, Amravati, and this work has not been submitted elsewhere for award of any diploma and degree.

Date: 10/6/13

Place: Amravati



Dr. V. V. Parhate

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

Associate professor

Department of Chemistry

VidyaBharati Mahavidyalaya,

Amravati

**"STUDIES IN ULTRASONIC BEHAVIOR OF 4- CHLORO  
BENZOIC ACID BY ULTRASONIC INTERFEROMETER"**



**Submitted by:**

**Ku. Pooja D. Kale**

**Under the guidance of**

**Dr. M. L. NARWADE (M.Sc., Ph.D)**

**Submitted to,**

**Sant Gadge baba Amravati University , Amravati**

**For the award of Degree**

**MASTER OF SCIENCE**

**IN**

**CHEMISTRY**

**Department of Chemistry**

**Vidya Bharati Mahavidyalay ,Amravati (M.S)**

**2018-2019**



## CERTIFICATE

This is to certify that the Project work has been completed by Miss. Pooja D. Kale, under the supervision of Dr. M. L. NARWADE, in Department of Chemistry, Vidya Bharati Mahavidyalay, Amravati. During the academic year 2018-2019.

Date : 10/6/19

Place :



Dr. V. V. Parhate

Head Department of Chemistry

Vidya Bharati Mahavidyalaya,

Amravati

## CERTIFICATE

This is to certify that the Project work has been completed by Miss. Pooja D. Kale, under the supervision of Dr. M. L. NARWADE, in Department of Chemistry, Vidya Bharati Mahavidyalay, Amravati. During the academic year 2018-2019.

Date : 10/6/19

Place :



Dr. V. V. Parhate

Head Department of Chemistry

Vidya Bharati Mahavidyalaya,

Amravati



## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. ASHVINI YOGIRAJ THAKARE Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 22.06.2019 To 18.07.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises

AUTHORISED SIGNATOR






## CERTIFICATE

This is to certify that the project report entitled "COLOUR COSMETICS" is submitted by MISS. BHAGYASHREE HARESHKUMAR VIDHANI for partial fulfillment of the requirement of Bachelor of Cosmetic Technology. It is carried out under supervision and guidance of MR. DHIRUBHAI DESAI and MRS. NISHA DESAI and has undergone the requisite duration of one month (27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019) as prescribed by Vidhyabharti Mahavidyalaya, Amravati for the project.

PRINCIPLE GUIDE

Dr. F.C.Raghuwanshi.

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Mr. Dhirubhai Desai  
(Managing Director)

HEAD OF DEPARTMENT

Dr. Lalit Vyas

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CIN : U24220MH1992PTC069373

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Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Bhagyalaxmi Nandkishor Sharma , B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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.

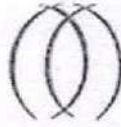
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Authorized Signatory

  
Received  
21-9-19





## Maxima Solutions

Factory Add.: D 1/1 to 10, Ground Floor, Radheshyam Ind. Complex, Asangaon,  
Shahapur - 421601, Dist. Thane.

### To Whom It May Concern

This is to certify that Ms. Gunjan Ghundiya, a student of Vidyabharti Mahavidyalaya, Amravati has undergone in-plant training in our organization since 20<sup>th</sup> May 2019 to 16<sup>th</sup> June 2019, as a part of her curriculum leading to bachelor in Cosmetic Technology.

During her training period she has familiarized herself with general procedures and protocols involved in various departments like Production, Stores, Quality Control & Assurance and R & D etc.

We found her to be quite interactive and she has shown interest in the activities around herself

We wish her success in all her future assignments.

For Maxima Solutions, Asangaon

Mr. Vilas M. Desle

Factory Manager

16<sup>th</sup> Jun. 2019

Corporate Office : W-32, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400 701.  
Tel.: +91-22-27692164 / 0020 / 65162310. Fax : +91-22-27692637

Regd. Office : 9, Siddhi Vinayak Apt., B.K.Marg, Mulund (East), Mumbai - 400 081. (India)



# HYGIENIC RESEARCH INSTITUTE PVT. LTD.

502 Supreme Chambers, 8th Floor, Off Veera Desai Road,  
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Branch Office  
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New Delhi - 110 002,  
INDIA



Phone: 2673 0030 (31), 2674 6633  
Fax: 2673 3320  
E-mail: info@hriindia.com  
Website: www.hriindia.com

Date: 27/06/2019

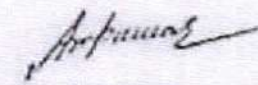
## To whom so ever concern

This is to certify that Mr. Hrishikesh V. Ingole, Student of college Vidya Bharti Mahavidyalay, Amravati studying in B.tech cosmetic 3<sup>rd</sup> year has undergone Internship training in R & D department in our organization for the period of 27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019.

During his training period he got familiarized to the process involved in New Product development cycle at commercial level. He also got fair enough knowledge of Indian standards specifications required for cosmetics analysis. He single handedly & successfully worked on cosmetic formulations like Shampoos, Hair conditioner, Hair oils, Styling gels, Skin lotions, Skin creams, Body mist sprays etc. and carried out the analysis of the same.

We found him sincere, hardworking, technically sound, result oriented and wish him success in his entire future career.

For  
Hygienic Research Institute Pvt. Ltd  
Research & Development centre  
Unit no. 105, Nikisha Industrial Estate,  
Pandurang Wadi, (Opp. Thakur Mall)  
Penkar Pada, Mira Road (E),  
Dist. Thane - 401107

  
Ajit M. Pawar  
DGM R & D

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P. O. Box No. 12018, Azad Nagar Post Office, Andheri (W), Mumbai - 400 053, India





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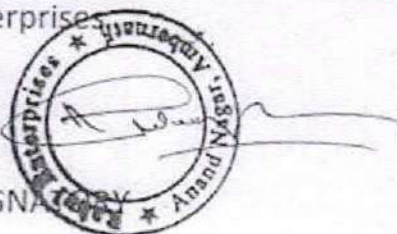
### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. AACHAL SUNIL TELMORE Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises



AUTHORISED SIGNATURE



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Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Arpita Anil Kalbande, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

*Kalbande*

Received :

Date : 21-09-2019





## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That **MS. BHAVANA SHEKHAR CHAVHAN** Student Of B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our Organization From **22.06.2019 To 18.07.2019**

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises

  
AUTHORISED SIGNATORY





## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This is to Certify That MS. DIKSHA EKNATHRAO PANDE Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 22.06.2019 To 18.07.2019

During Her Training Period She Was Sincere In Her Work

For , Rahul Enterprises

  
AUTHORISED SIGNATORY





Anshul Life Sciences

Partnering innovation, adding value.

Date: 1<sup>st</sup> June, 2018

Subject: Experience Letter

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Gayatri Nawle was interning with Anshul Life Sciences from 7<sup>th</sup> May, 2018 to 1<sup>st</sup> June, 2018.

During her tenure of internship, we found her to be extremely hardworking.

We wish her all the best for her future

For Anshul Life Sciences

Sonal Rajput  
Assistant Manager - HR







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Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Harshada Vijay Ingole, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

Received

Date : 21-9-2019



## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. KAJAL VIRENDRASINGH THAKUR Student Of  
B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 22.06.2019 To 18.07.2019

During Her Training Period She Was Sincere In Her Work.

For , Rahul Enterprises

AUTHORISED SIGNATURE







## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. KALYANI DILIPRAO SAWARKAR Student Of B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For , Rahul Enterprises

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Siddhayu Ayurvedic Research Foundation Private Limited

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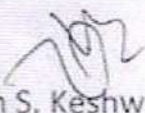
### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Kinjal Chaudhari, student of B.Tech (Cosmetic Technology) Third year, Sant Gadge baba Amravati University, Vidyabharati Mahavidyalaya, Amravati has under taken practical training in our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period she was sincere in her work.

We wish her all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

  
Unmesh S. Keshwar

Authorised Signatory



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This Is to Certify That MS. KOMAL NARESH GAWANDE Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

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Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Mitali Sunil Kalbande, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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.

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*CV Kalbande*

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Date :- 21 / 9 / 19





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Date: 21<sup>st</sup> September 2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Neha Kailash Chavhan, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.

Epithel

Authorized Signatory



## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. PRACHI MILIND SHILANKAR Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises

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CIN No. : U24233MH1983PTC030020

**Siddh:ayu**

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Pranjali Mahankar, student of B.Tech (Cosmetic Technology) Third year, Sant Gadge baba Amravati University, Vidyabharati Mahavidyalaya, Amravati has under taken practical training in our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period she was sincere in her work.

We wish her all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

Unmesh S. Keshwa

Authorised Signatory



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## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. PRITI SUBHASH MACHALE Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises



AUTHORISED SIGNATORY

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Purva Dalal, student of B.Tech (Cosmetic Technology) Third year, Sant Gadge Baba Amravati University, Vidyabharati Mahavidyalaya, Amravati has under taken practical training in our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period she was sincere in her work.

We wish her all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

  
Unmesh S. Keshwar

Authorised Signatory






## CERTIFICATE

This is to certify that the project report entitled "COLOUR COSMETICS" is submitted by MISS. REVAL MOHAN SHAH for partial fulfillment of the requirement of Bachelor of Cosmetic Technology. It is carried out under supervision and guidance of MR. DHIRUBHAI DESAI and MRS. NISHA DESAI and has undergone the requisite duration of one month (27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019) as prescribed by Vidhyabharti Mahavidyalaya, Amravati for the project.

## PRINCIPLE GUIDE

Dr. F.C.Raghuwanshi.

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Mr. Dhirubhai Desai  
(Managing Director)

## HEAD OF DEPARTMENT

Dr. Lalit Vyas

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Andheri Kurla Road, Andheri (E),  
Mumbai - 400 093, India.

## Application Lab:

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Andheri Kurla Road, Safed Pool,  
Sakinaka, Andheri (E),  
Mumbai - 400 072, India.

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Gujarat, India.

## Mfg. Unit 2:

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Surigam - 396 155,  
Gujarat, India.





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This Is To Certify That Ms , SHITAL VILAS RAUT Student Of B.Tech  
(cosmetic) Third Year From , "vidyabharti Mahavidyalaya , Amravati  
She Has Successfully Completed Her Practical Training Of 45 DAYS In Our  
Organization From 17.05.2018 To 30.06.2018  
During Her Training Period She Was Sincere In Her Work.

For , Rahul Enterprises

  
AUTHORISED SIGNATORY



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Web: [www.lapearl.in](http://www.lapearl.in)

---

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shivani Sharad Wankhede , B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

Shivani Wankhede





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Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shivani Vijay Dhande, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

*Patr*

Received on behalf  
of Shivani Dhande  
Date: 21-09-19



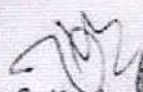
## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shraddha Chaudhari, student of B.Tech (Cosmetic Technology) Third year, Sant Gadge baba Amravati University, Vidyabharati Mahavidyalaya, Amravati has under taken practical training in our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period she was sincere in her work.

We wish her all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

  
Unmesh S. Keshwar

Authorised Signatory



Reg. Off. :- 404, Chartered House, Dr. Cawasji Harnosji Street, Mumbai - 400002.

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## RAHUL ENTERPRISES

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This Is to Certify That MS. SHWETA OMPRAKASH PATLE Student Of B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For , Rahul Enterprises

AUTHORISED SIGNATORY





44  
Tele Fax : 0251 - 2621243

## RAHUL ENTERPRISES

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This Is to Certify That MS. SMITA DILEEPRAO DESHMUKH Student Of B.Tech  
(cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises



AUTHORISED SIGNATORY





## **RAHUL ENTERPRISES**

### **TO WHOM SO EVER IT MAY CONCERN**

This Is to Certify That **MS. SNEHAL RAGHUNATH BAHADURKAR** Student Of  
B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From **22.06.2019 To 18.07.2019**

During Her Training Period She Was Sincere In Her Work.

For , Rahul Enterprises

AUTHORISED SIGNATORY



## RAHUL ENTERPRISES

### TO WHOM SO EVER IT MAY CONCERN

This Is to Certify That MS. VAISHNAVI HEMANT BABREKAR Student Of  
B.Tech (cosmetic) Third Year From , vidyabharti Mahavidyalaya , Amravati.

She Has Successfully Completed Her Practical Training Of 30 DAYS In Our  
Organization From 20.05.2019 To 20.06.2019

During Her Training Period She Was Sincere In Her Work.

For, Rahul Enterprises

AUTHORISED SIGNATURE







## LA PEARL HERBAL PVT LTD

Address: 5 & 10, MIDC INDUSTRIAL ESTATE,  
MIDC Hingna, Nagpur-440016 (Maharashtra) India.  
Ph.: +917104 242580, Email: [info@lapearl.in](mailto:info@lapearl.in)  
Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Vaishnavi Rajendra Jamdar , B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from 25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD. .



Authorized Signatory

Received

Date :- 21-09-2019





## LA PEARL HERBAL PVT LTD

MIDC Hingna, Nagpur-440016 (Maharashtra) India.  
Ph.: +917104 242580, Email: [info@lapearl.in](mailto:info@lapearl.in)  
Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Nikhil Ramesh Rao Kharode, B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25/6/2019 as a part of fulfillment of course.

During this period he has been found sincere toward his assignments and he acquired good experience during this project.

He was found to be taking keen interest in his work and was very hardworking and punctual.

We wish him all the success in his future career.

FOR, LA PEARL HERBAL PVT. LTD.

Authorized Signatory

Nikhil R. Kharode.  
Received  
Date: 21-9-2019




## CERTIFICATE

This is to certify that the project report entitled "COLOUR COSMETICS" is submitted by MISS. RASHMI SAHEBRAO FUSE for partial fulfillment of the requirement of Bachelor of Cosmetic Technology. It is carried out under supervision and guidance of MR. DHIRUBHAI DESAI and MRS. NISHA DESAI and has undergone the requisite duration of one month (27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019) as prescribed by Vidhyabharti Mahavidyalaya, Amravati for the project.

PRINCIPLE GUIDE

Dr. F.C.Raghuwanshi.

KOEL COLOURS PVT LTD.

  
Mr. Dhirubhai Desai  
(Managing Director)

HEAD OF DEPARTMENT

Dr. Lalit Vyas

## Global HQ:

A-514, 5th Floor, Kandella Wall Street,  
Chakala, Near Bank of Baroda,  
Andheri Kurla Road, Andheri (E),  
Mumbai - 400 093, India.

www.koelcolours.com

## Application Lab:

F-11, Nand Jyot Industrial Premises,  
Andheri Kurla Road, Sated-Pool,  
Sakinaka, Andheri (E),  
Mumbai - 400 072, India.

CIN : U24220MH1992PTC069373

## Mfg. Unit 1:

Plot No. Ex-10, G.I.D.C.,  
Dist. Valsad,  
Vapi - 396 195,  
Gujarat, India.

## Mfg. Unit 2:

Plot No. 911, G.I.D.C.,  
Tal. Umbergaon, Dist. Valsad,  
Surigam - 396 155,  
Gujarat, India.

www.surface-treated-pigments.com



# HYGIENIC RESEARCH INSTITUTE PVT. LTD.

602 Supreme Chambers, 6th Floor, Off Veera Desai Road,  
Andheri (W), Mumbai - 400 053, INDIA.

Branch Office :  
5, Ansari Road, Daryaganj,  
New Delhi - 110 002.  
INDIA



Phone : 2673 3330 / 31, 2674 8833  
Fax : 2673 3329  
E-mail : info@hriindia.com  
Website : www.hriindia.com

Date :-27/06/2019

## To whom so ever concern

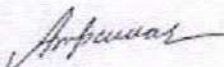
This is to certify that Mr. Rushikesh V. Bhople, Student of college Vidya Bharti Mahavidyalay, Amravati studying in B.Tech cosmetic 3<sup>rd</sup> year has undergone internship training in R & D department in our organization for the period of 23<sup>rd</sup> May 2019 to 27<sup>th</sup> June 2019.

During his training period he got familiarized to the process involved in New Product development cycle at commercial level . He also got fair enough knowledge of Indian standards specifications required for cosmetics analysis . He single handedly & successfully worked on cosmetic formulations like Shampoos, Hair conditioner, Hair oils, Styling gels, Skin lotions, Skin creams, Body mist sprays etc. and carried out the analysis of the same.

We found him sincere, hardworking, technically sound, result oriented and wish him success in his entire future career.

For

Hygienic Research Institute Pvt. Ltd  
Research & Development centre  
Unit no. 105, Nikisha Industrial Estate,  
Pandurang Wadi, (Opp. Thakur Mall)  
Penkar Pada, Mira Road (E).  
Dist. Thane - 401107

  
Ajit M. Pawar  
DGM R & D

ISO 9001 : 2008 Certified





## TRAINING CERTIFICATE

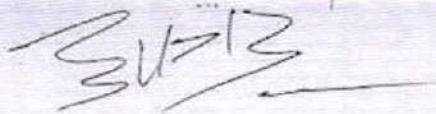
THIS IS TO CERTIFY THAT **MISS. SAKSHI V. KALE**  
DID AN INPLANT TRAINING IN THIS INSTITUTION FOR THE PERIOD FROM  
**25<sup>th</sup> MAY. 2019 TO 25<sup>th</sup> JUN. 2019.**

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 **GLOWME FAIRNESS**  
**CREAM** SHE COMPLETED IT NICELY.

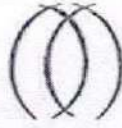
WE WISH HER LOT OF SUCCESS IN THE YEARS TO COME.

FOR NISHA HERBAL PVT LTD.



DR ANIL UPAGADE.  
MANAGING DIRECTOR.  
07-11-2019.





## Maxima Solutions

Factory Add.: D 1/1 to 10, Ground Floor, Radheshyam Ind. Complex, Asangaon,  
Shahapur - 421601, Dist. Thane.

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### To Whom It May Concern

This is to certify that Ms. Samiksha Ghode, a student of Vidyabharti Mahavidyalaya, Amravati has undergone in-plant training in our organization since 20<sup>th</sup> May 2019 to 16<sup>th</sup> June 2019, as a part of her curriculum leading to bachelor in Cosmetic Technology.

During her training period she has familiarized herself with general procedures and protocols involved in various departments like Production, Stores, Quality Control & Assurance and R & D etc.

We found her to be quite interactive and she has shown interest in the activities around herself

We wish her success in all her future assignments.

For Maxima Solutions, Asangaon

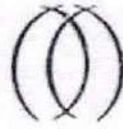
Mr. Vilas M. Desle

Factory Manager

16<sup>th</sup> Jun. 2019

Corporate Office : W-32, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400 701.  
Tel.: +91-22-27692164 / 0020 / 65162310. Fax : +91-22-27692637

Regd. Office : 9, Siddhi Vinayak Apt., B.K.Marg, Mulund (East), Mumbai - 400 081. (India)



*Maxima Solutions*

Factory Add.: D 1/1 to 10, Ground Floor, Radheshyam Ind. Complex, Asangaon,  
Shahapur - 421601, Dist. Thane.

---

## To Whom It May Concern

This is to certify that Ms. Samruddhi Deshmukh, a student of Vidyabharti Mahavidyalaya, Amravati has undergone in-plant training in our organization since 20<sup>th</sup> May 2019 to 16<sup>th</sup> June 2019, as a part of her curriculum leading to bachelor in Cosmetic Technology.

During her training period she has familiarized herself with general procedures and protocols involved in various departments like Production, Stores, Quality Control & Assurance and R & D etc.

We found her to be quite interactive and she has shown interest in the activities around herself

We wish her success in all her future assignments.

For Maxima Solutions, Asangaon

Mr. Vilas M. Desle

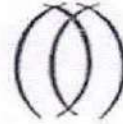
Factory Manager

16<sup>th</sup> Jun. 2019

Corporate Office : W-32, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400 701.  
Tel.: +91-22-27692164 / 0020 / 65162310. Fax : +91-22-27692637

Regd. Office : 9, Siddhi Vinayak Apt., B.K.Marg, Mulund (East), Mumbai - 400 081. (India)





*Maxima Solutions*

Factory Add.: D 1/1 to 10, Ground Floor, Radheshyam Ind. Complex, Asangaon,  
Shahapur - 421601, Dist. Thane.

## To Whom It May Concern

This is to certify that Ms. Shivangi Talewale, a student of Vidyabharti Mahavidyalaya, Amravati has undergone in-plant training in our organization since 20<sup>th</sup> May 2019 to 16<sup>th</sup> June 2019, as a part of her curriculum leading to bachelor in Cosmetic Technology.

During her training period she has familiarized herself with general procedures and protocols involved in various departments like Production, Stores, Quality Control & Assurance and R & D etc.

We found her to be quite interactive and she has shown interest in the activities around herself

We wish her success in all her future assignments.

For Maxima Solutions, Asangaon

Mr. Vilas M. Desle

Factory Manager

16<sup>th</sup> Jun. 2019

Corporate Office : W-32, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400 701.  
Tel.: +91-22-27692164 / 0020 / 65162310. Fax : +91-22-27692637

Regd. Office : 9, Siddhi Vinayak Apt., B.K.Marg, Mulund (East), Mumbai - 400 081. (India)

## TRAINING CERTIFICATE

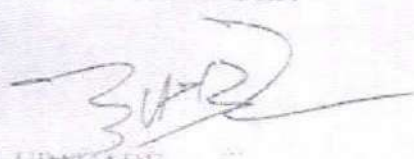
THIS IS TO CERTIFY THAT MISS. SHIVANI V. DESHMUKH  
DID AN INPLANT TRAINING IN THIS INSTITUTION FOR THE PERIOD FROM  
25<sup>th</sup> MAY. 2019 TO 25<sup>th</sup> JUN. 2019.

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 GLOWME FAIRNESS  
CREAM SHE COMPLETED IT NICELY.

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

FOR NISHA HERBAL PVT LTD.



DR ANIL UPAGADE.  
MANAGING DIRECTOR.  
07-11-2019.



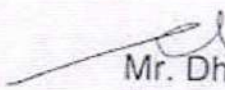
## CERTIFICATE

This is to certify that the project report entitled "COLOUR COSMETICS" is submitted by MISS. SHIWANI SUDHIR DESHMUKH for partial fulfillment of the requirement of Bachelor of Cosmetic Technology. It is carried out under supervision and guidance of MR. DHIRUBHAI DESAI and MRS. NISHA DESAI and has undergone the requisite duration of one month (27<sup>th</sup> May 2019 to 27<sup>th</sup> June 2019) as prescribed by Vidhyabharti Mahavidyalaya, Amravati for the project.

PRINCIPLE GUIDE

Dr. F.C.Raghuwanshi.

KOEL COLOURS PVT LTD.

  
Mr. Dhirubhai Desai  
(Managing Director)

HEAD OF DEPARTMENT

Dr. Lalit Vyas

## Global HQ:

A-514, 5th Floor, Kanakia Wall Street,  
Chakola, Near Bank of Baroda,  
Andheri Kurla Road, Andheri (E),  
Mumbai - 400 093, India.

## Application Lab:

F-11, Nand Jyoti Industrial Premises,  
Andheri Kurla Road, Safed Pool,  
Sakinaka, Andheri (E),  
Mumbai - 400 072, India.

## Mfg. Unit 1:

Plot No. Ex-10, G.I.D.C.,  
Dist. Valsad,  
Vapi - 396 195,  
Gujarat, India.

## Mfg. Unit 2:

Plot No. 911, G.I.D.C.,  
Tal. Umbergaon, Dist. Valsad,  
Surigam - 396 155,  
Gujarat, India.



# Shubham Beauty Care

G-A-4/1, 5 Acre Kothari Compound, Tikujini Wadi Rd., Marpada, Thane (W) 400607, Maharashtra.  
Tel: 022-41005121 / +91-7208900073 | Email: sales@theaashi.com

65  
aash  
ENHANCING Y

## TO WHOM IT MAY CONCERN

This is to certify that Miss. Shradana Abruk student of B.Tech (cosmetics) 3<sup>rd</sup> year, Sant Gadge Baba Amravati university, vidya bharti mahavidyalaya, Amravati has under taken practical training in our organisation from 21<sup>st</sup> may 2019 to 22 June 2019

During this period she was sincere in her work

We wish her all success in future

*Nayana Deshmukh*  
22/06/19  
For Shubham Beauty Care

**SHUBHAM BEAUTY CARE**  
Gala No. 1-5 Acre Kothari  
Compound, Tikujini Wadi,  
Road, Marpada Thane (W)  
Nayana Deshmukh

R & D and operation manager

Mentor for this training

Date-22 June 2019





Anshul Life Sciences

Partnering innovation, adding value.

Date: 3<sup>rd</sup> July 2019

Subject: Experience Letter

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shubham Bobade joined Anshul Life Sciences as an Intern from 27<sup>th</sup> May, 2019 to 27<sup>th</sup> June, 2019

During the above mentioned period he has worked satisfactorily and diligently in the Personal Care department under supervision from Managers on required assignments

We wish him all the best for future

For Anshul Life Sciences

Bhoomi Negi  
HR Manager





## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Saurabh Rajendrarao Pokale**, student of B.Tech  
(Cosmetic Technology) Third year, Sant Gadge baba Amravati University,  
Vidyabharati Mahavidyalaya, Amravati has under taken practical training in  
our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period he was sincere in his work.

We wish him all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

Unmesh S. Keshwar

Authorised Signatory



Reg. Off. :- 404, Chartered House, Dr. Cawasji Harnosji Street, Mumbai - 400002.

Factory At :-

Bahadura

Wadsa

:- Post - Kalmama (Acharya), Umrer Road, Bahadura, - Dist. Nagpur - 441 204. Ph. No.: 07103-276115  
:- Lakhandur Road, Desaijanj Wadsa, - Dist. Gadchiroli - 441 207 Ph. No.: 07137-272856



## TRAINING CERTIFICATE

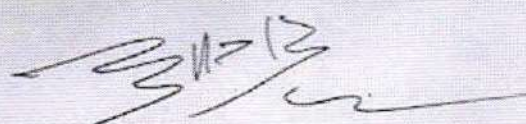
THIS IS TO CERTIFY THAT **MISS. SHUBHANGI S. AWANKAR** DID AN INPLANT TRAINING IN THIS INSTITUTION .FOR THE PERIOD FROM 16<sup>TH</sup> MAY. 2019 TO 16<sup>TH</sup> JUN. 2019.

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 **CLAY BASE FACE PACK** 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.  
07-11-2019.



# Shubham Beauty Care

G-A-4/1, 5 Acre Kothari Compound, Tikujini Wadi Rd., Manpada, Thane (W) 400607, Maharashtra.  
Tel: 022-41005121 / +91-7208900073 | Email: sales@theaashi.com



## TO WHOM IT MAY CONCERN

This is to certify that Miss. Supriya M. Singh student of B.Tech (cosmetics) 3<sup>rd</sup> year, Sant Gadge Baba Amravati university, vidya bharti mahavidyalaya, Amravati has under taken practical training in our organisation from 21<sup>st</sup> may 2019 to 22 June 2019

During this period she was sincere in her work

We wish her all success in future

*Nayana Deshmukh*  
22/06/19  
For Shubham Beauty Care

### SHUBHAM BEAUTY CARE

Gala No. 1-5 Acre Kothari  
Compound, Tikujini Wadi,  
Road, Manpada Thane (W)  
Nayana Deshmukh

R & D and operation manager

Mentor for this training

Date-22 June 2019



### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Tejas S. Tetoo, student of B.Tech (Cosmetic Technology) Third year, Sant Gadge baba Amravati University, Vidyabharati Mahavidyalaya, Amravati has under taken practical training in our organization from 20<sup>th</sup> May 2019 to 20<sup>th</sup> June 2019.

During this period he was sincere in his work.

We wish him all success in future.

For, Siddhayu Ayurvedic Research Foundation. Pvt. Ltd.

Unmesh S. Keshwar  
Authorised Signatory



Reg. Off. :- 404, Chartered House, Dr. Cawasji Harnosji Street, Mumbai - 400002.

Factory At :-

Bahadura :- Post - Kalmana (Acharya), Umrer Road, Bahadura, - Dist. Nagpur - 441 204. Ph. No.: 07103-276115

Wadsa :- Lakhandur Road, Desaijanj Wadsa, - Dist. Gadchiroli - 441 207 Ph. No.: 07137-272856





## LA PEARL HERBAL PVT LTD

Address: 9 & 10, monie industrial estate,

MIDC Hingna, Nagpur-440016 (Maharashtra) India.

Ph.: +917104 242580, Email: [info@lapearl.in](mailto:info@lapearl.in)

Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Tina Lalit Rathod , B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

*Tina*  
Received:  
Date: 21-09-2019



## TRAINING CERTIFICATE

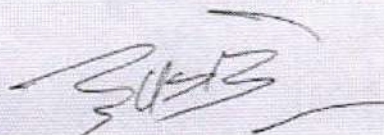
THIS IS TO CERTIFY THAT **MISS. UROOJ ALVINA SYED ZAKIUDDIN** DID AN INPLANT TRAINING IN THIS INSTITUTION FOR THE PERIOD FROM **25<sup>th</sup> MAY, 2019 TO 25<sup>th</sup> JUN, 2019.**

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 **GLOWME FAIRNESS CREAM** 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.  
07-11-2019.



# Shubham Beauty Care

G-A-4/1, 5 Acre Kothari Compound, Tikujini Wadi Rd., Manpada, Thane (W) 400607, Maharashtra.  
Tel: 022-41005121 / +91-7208900073 | Email: sales@theaashi.com

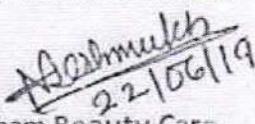
73  
aashi  
ENHANCING YOU

## TO WHOM IT MAY CONCERN

This is to certify that Miss. Vaishnavi khune student of B.Tech (cosmetics) 3<sup>rd</sup> year, Sant Gadge Baba Amravati university, Veda bharti mahavidyalaya, Amravati has under taken practical training in our organisation from 21<sup>st</sup> may 2019 to 22 June 2019

During this period she was sincere in her work

We wish her all success in future

  
22/06/19  
For Shubham Beauty Care

### SHUBHAM BEAUTY CARE

Gala No. 1-5 Acre Kothari  
Compound, Tikujini Wadi,  
Road, Manpada Thane (W)

R & D and operation manager

Mentor for this training

Date-22 June 2019





## LA PEARL HERBAL PVT LTD

MIDC Hingna, Nagpur-440016 (Maharashtra) India.

Ph.: +917104 242580, Email: [info@lapearl.in](mailto:info@lapearl.in)

Web: [www.lapearl.in](http://www.lapearl.in)

Date: 21<sup>st</sup> September 2019

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Vaishnavi Vinod Kale , B. Tech Cosmetics Third year student of V.B.M.V, Amravati has undergone one month training in Research and development department in our organization from

25/05/2019 to 25 /6/2019 as a part of fulfillment of course.

During this period she has been found sincere toward 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 HERBAL PVT. LTD.



Authorized Signatory

Kale  
Received  
Date - 21/9/19



**Gangwal®**

**Gangwal Chemicals Pvt. Ltd**

75  
766-707, Quantum Tower, Rombagh Lane, Behind State Bank  
of India, Malad (West), Mumbai, Maharashtra-400 064, INDIA  
Tel : +91 22 2888 9000 Fax : +91 22 2883 5347  
Email : sales@gangwalchem.com  
URL : http://www.gangwalchem.com  
CIN No. U24110MH1987PTC045235

Date: 27/06/2019

**To Whom It May Concern:**

*This is to certify that Mr Yogesh Warankar  
Was on Training in our company Gangwal Chemicals Pvt. Ltd.  
From 27/05/2019 to 27/06/2019 and has successfully completed the  
Same. We found him to be sincere and hardworking during this period.*

*We Wish Him All The Best.*



Gangwal Chemicals Pvt. Ltd.

Mr. Vivek Kadam

Director



ISO 9001:2015  
CERTIFIED

QMS 9001

Factory : Plot No. N-5, MIDC, Tarapur, Baisar, Dist. Palghar - 401 506, INDIA  
Factory : Plot No. T-7, MIDC, Tarapur, Baisar, Dist. Palghar - 401 506, INDIA



## TRAINING CERTIFICATE

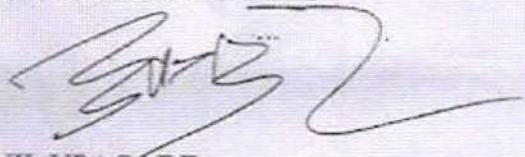
THIS IS TO CERTIFY THAT MISS. POOJA R. POKALE DID  
AN INPLANT TRAINING IN THIS INSTITUTION .FOR THE PERIOD FROM 16<sup>TH</sup>  
MAY. 2019 TO 16<sup>TH</sup> JUN. 2019.

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 CLAY BASE FACE  
PACK 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.  
07-11-2019.



# DISSERTATION

ON

*Formulation And Evaluation of Hand Polishing  
Cream Serum*

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati

In The Partial Fulfilment For The Award Of Degree Of

*Master Of Technology*  
(Cosmetic Technology)

By

Miss. Apurva Prakash Wankhade

Guide

Prof. Imran Khan

M.Tech.



**DEPARTMENT OF COSMETIC TECHNOLOGY,**  
**Vidyabharti Mahavidyalaya, Amravati**  
**2018-19**

# CERTIFICATE

This is to certify that a Dissertation entitled

**Formulation And Evaluation of Hand Polishing  
Cream Serum**


Was Carried out by

**Miss. Apurva Prakash Wankhade**

under the supervision & guidance of **Prof. Imran Khan** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

**Head of Department**

**Dr. L.K. Vyas**

  
**M.Tech(Cos), Ph.D**  
H.O.D of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

**Guide**

**Prof. Imran Khan**

  
**M.Tech(Cos)**  
Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

  
**Principal**

**Dr. F.C. Raghuwanshi**

Vidyabharti Mahavidyalaya  
Amravati

**Date : 24-04-2019**

**Place : Amravati.**

**DISSERTATION**

**ON**

**Formulation And Development of Acneclin Cream with  
Fruit Extract of Ficus Benghalensis**

**- Submitted to -**

**Sant Gadge Baba Amravati University, Amravati  
in the partial fulfillment for the award of degree of**

**Master of cosmetic Technology  
(Cosmetic Technology)**

**- Submitted By -**

**Miss. Prajakta R. Yawale  
M.Tech. (IV<sup>th</sup> Year)**

**- Guide -**

**Dr. L. K. Vyas  
M. Tech (Cosmetic), Ph. D  
Head of Department, Cosmetic Department**

**Vidyabharti Mahavidyalaya, Amravati**



**DEPARTMENT OF COSMETIC TECHNOLOGY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**

**2018-2019**



## **CERTIFICATE**


This is to certify that the project report entitled  
**Formulation And Development of Acneclin Cream with Fruit  
Extract of Ficus Benghalensis**

**SUBMITTED BY**

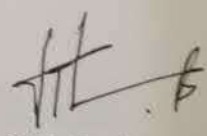
**MISS. YAWALE PRAJAKTA RAMESHWAR**

Is a bonafide work carried out by them under the guidance of Dr. L. K. Vyas and it is approved for the fulfillment of the requirement of the Sant Badge Baba Amravati University, for the award of the Master's Degree in Cosmetic Technology.

This project report has not been earlier submitted to any other Institute of University for the award of any degree.



**Dr. L. K. Vyas**  
Guide & Head of Department  
Cosmetic Technology.



**Dr. F.C. Raghuwanshi**  
Principal  
Vidyabharti Mahavidyalaya

**Place: Amravati**

**Date: 24/04/2019**

A  
DISSERTATION  
ON

**“Design and Development of Bigel with Olive oil and Beta  
glucan”**

**SUBMITTED TO**

**Sant Gadge Baba Amravati University, Amravati**  
**In The Practical Fulfilment For The Award Of Degree Of**  
*Master Of Technology*  
**(Cosmetic Technology)**

**By**

**Mr.Salim Isa Bagwan**

**Guide**

**Prof. Y. V. Dhotre**  
**M.Tech (Cosmetic), MBA**  
**Vidyabharti Mahavidyalaya,**  
**Amravati**



**DEPARTMENT OF COSMETIC TECHNOLOGY,**  
**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**  
**(2018-2019)**

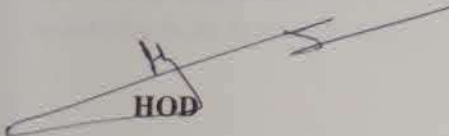
# CERTIFICATE

This is to certify that, Mr. Salim Isa Bagwan has completed the dissertation entitled, **Design and Development of Bigel Olive oil and Betaglucan** under my guidance and supervision.

It is further certified that work or it's part has not been submitted to any other university for examination under my supervision. I consider this work worthy for the award of the degree of Master of cosmetic Technology (Cosmetic Technology)

Date: 22/4/19

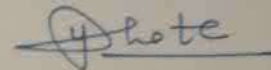
Place: Amravati



HOD

Dr.L.K.Vyas.

M.Tech. (cosmetic), Ph. D  
Vidyabharti Mahavidyala Amravati



Guide

Prof. Y. V. Dhote

M. Tech(Cosmetic),MBA  
Vidhyabharti Mahavidyala Amravati



Principal

Dr. F. C. Raghuwanshi

Vidyabharti Mahavidyala Amravati



# **DISSERTATION**

**ON**

## **Formulation and Development of Anti-aging Serum** **with Moisturising Effect**

**SUBMITTED TO**

**Sant Gadge Baba Amravati University, Amravati**

**In The Practical Fulfilment For The Award Of Degree Of**

***Master Of Technology***

**(Cosmetic Technology)**

**By**

**Miss. Anjali V. Gulalkari**

**Guide**

**Prof. Pooja A. Kolhe**

**M.Sc. (Pharmaceutical Chemistry)**



**DEPARTMENT OF COSMETIC TECHNOLOGY,**

**Vidyabharti Mahavidyalaya, Amravati**

**2018-19**

## CERTIFICATE

This is to certify that a Dissertation entitled

### Formulation and Development of Anti-aging Serum with Moisturising Effect

Was Carried out by

**Miss. Anjali V. Gulalkari**

under the supervision & guidance of **Prof. Pooja A. Kolhe** in the partial fulfillment of requirement for the degree of Master Of Cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

*Head of Department*



**Dr. L.K. Vyas**

M.Tech. (Cos), Ph.D.  
H.O.D.

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya,  
Amravati

*Guide*



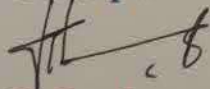
**Prof. Pooja A. Kolhe**

M.Sc.

(Pharmaceutical Chemistry).

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya,  
Amravati

*Principal*



**Dr. F.C. Raghuwanshi**

Vidyabharti Mahavidyalaya, Amravati

# DISSERTATION

ON

## Formulation And Development Of Recent Trend On Skin Anti-pollution Serum-Gel

-Submitted to-

Sant Gadge Baba Amravati University, Amravati  
in the partial fulfillment for the award of degree of

Master of cosmetic Technology  
[Cosmetic Technology]

-Submitted By-

Miss. Shalaka Abhay Babhulgaonkar  
M.Tech. (IV<sup>th</sup> sem)

-Guide-

Dr. L. K. Vyas  
M.Tech (Cosmetic), PhD

Head of Department, Cosmetic Technology

Vidyabharti Mahavidyalaya, Amravati



DEPARTMENT OF COSMETIC TECHNOLOGY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI

2018-2019



# CERTIFICATE


This is to certify that the project report entitled

## **Formulation And Development Of Recent Trend On Skin Anti-pollution Serum-Gel**


**SUBMITTED BY  
MISS. SHALAKA ABHAY BABHULGAONKAR**

Is a bonafide work carried out by them under the guidance of Dr. L. K. Vyas and it is approved for the fulfillment of the requirement of the Sant Badge Baba Amravati University, for the award of the Master's Degree in Cosmetic Technology.

This project report has not been earlier submitted to any other Institute of University for The award of any degree.



**Dr. L. K. VYAS**  
Guide & Head Of Department  
Cosmetic Technology



**Dr. F. C. Raghuwanshi**  
Principal  
Vidybharti Mahavidyalaya

Place: Amravati

Date: 24-04-2019

A  
DISSERTATION  
ON  
**Design and Development of Post Waxing Hair Growth  
Delayer Preparation**

SUBMITTED TO  
Sant Gadge Baba Amravati University, Amravati  
In The Practical Fulfilment For The Award Of Degree Of  
*Master Of Technology*  
(Cosmetic Technology)

By  
**Miss. Jaweriya M. Khan**

Guide  
**Prof.. Unnati Kalmegh**  
M.Tech ( Cosmetic Technology)  
Vidyabharti Mahavidyalaya,  
Amravati



DEPARTMENT OF COSMETIC TECHNOLOGY,  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI  
(2018-2019)

## CERTIFICATE

This is to certify that a Dissertation entitled

### Design and Development of Post Waxing Hair Growth Delayer Preparation

Was Carried out by

**Miss. Jaweriya M. Khan**


In the laboratories of **VIDYABHARTI MAHAVIDYALAYA AMRAVATI** under the supervision & guidance of **Prof. Unnati Kalmegh** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

Date :

Place : Amravati .

  
**Head of Department**

**Dr. L. K. Vyas**  
**M.Tech (Cosmetic), Ph.D**  
Department of Cosmetic Technology  
Vidyabharati Mahavidyalaya,  
Amravati.

  
**Guide** 25.04.19

**Prof. Unnati Kalmegh**  
**M.Tech (Cosmetic).**  
Vidyabharati Mahavidyalaya,  
Amravati.

  
**Principal**

Vidyabharati Mahavidyalaya, Amravati



A  
DISSERTATION  
ON  
**Formulation and Development of Sunscreen having  
Infraguard Protecting Factor**

SUBMITTED TO  
Sant Gadge Baba Amravati University, Amravati  
In The Practical Fulfillment For The Award Of Degree Of  
*Master of Technology*  
(Cosmetic Technology)

By  
**Mr. SOURABH R. CHANDAK**

Guide  
**Ms. RASHMI TALE**  
M.Tech (Cosmetic Technology)  
Vidyabharti Mahavidyalaya,  
Amravati



DEPARTMENT OF COSMETIC TECHNOLOGY,  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI  
(2018-2019)

## CERTIFICATE


This is to certify that the project report entitled Formulation and Development Of  
"Formulation And Development Of Sunscreen Having Infraguard  
Protecting Factor."

SUBMITTED BY

Mr. SOURABH R. CHANDAK

Is a bonafide work carried out by them under the guidance of Ms. RASHMI TALE  
and it is approved for the fulfillment of the requirement of the Sant Badge Baba Amravati  
University, for the award of the Master's Degree in Cosmetic Technology.

This project report has not been earlier submitted to any other Institute of University for  
The award of any degree.



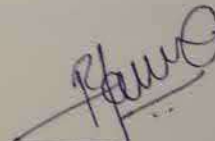
HOD

(Dr. L. K. Vyas)

M.Tech (Cosmetic), PhD

Vidyabharati Mahavidyalaya

Amravati




Guide

(Ms. Rashmi Tale)

Vidyabharati Mahavidyalaya

Amravati



Principal

(Dr. F. C. Raghuwanshi)

Vidyabharati Mahavidyalaya, Amravati.

# DISSERTATION

ON

*Formulation and Evaluation of*  
*Herbal Astringent Lotion*

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati  
In The Partial Fulfilment For The Award Of Degree Of

*Master Of Technology*

(Cosmetic Technology)

By

Miss. Poonam G. Marudkar  
B.Tech.

Guide

Prof. Mrs. Y. V. Dhote  
M. Tech., M.B.A.



DEPARTMENT OF COSMETIC TECHNOLOGY,

Vidyabharti Mahavidyalaya, Amravati

2018-19



## CERTIFICATE

This is to certify that a Dissertation entitled

*Formulation and Evaluation of*

*Herbal Astringent Lotion*

Was Carried out by

**Miss. Poonam G. Marudkar**

under the supervision & guidance of **Prof. Mrs. Y.V. Dhote** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

Date : 23-4-2019

Place : Amravati

Head of Department

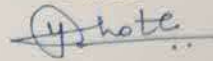


**Dr. L. K. Vyas**

**M.Tech (Cos), Ph.D**

H.O.D of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

Guide



**Prof. Mrs. Y.V. Dhote**

**M. Tech, M.B.A.**

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

Principal



**Dr. F.C. Raghuwanshi**  
Vidyabharti Mahavidyalaya  
Amravati

DISSERTATION

ON

## **Formulation and Development of Depigmenting Cream**

-Submitted to-

Sant Gadge Baba Amravati University, Amravati  
In the partial fulfillment for the award of degree of

*Master of Cosmetic Technology*

*[Cosmetics Technology]*

- Submitted By -

*Miss. Bhagyashri Vijayrao Gulhane*

*M. Tech. (2<sup>nd</sup> Year)*

- Guide -

*Prof. Ms. Y.V. Dhote*

*(M. Tech in Cosmetic Technology, MBA)*



*Department of Cosmetic Technology, Vidyabharti  
Mahavidyalaya, Amravati.*

*[2018-2019]*

*Formulation and Development of Depigmenting Cream*



*Certificate*

This is to certify that, Miss. Bhagyashri Vijayrao Gulhane has completed the dissertation entitled, *Formulation and Development of Depigmenting Cream* under the guidance and supervision of Prof. Ms. Y.V. Dhote.

It is approved for the fulfillment of the requirement of the Sant Gadge Baba Amravati University, for the award of the degree of Master of Cosmetic Technology (Cosmetic Technology). This project report has not been earlier submitted to any other Institute of University for the award of any degree.

Place: Amravati

Date: 22/04/2019

Guide

Prof. Ms. Y.V. Dhote

Guide

H.O.D.

Prof. Dr. L.K. Vyas

Head of Department  
of Cosmetics technology  
VBMV, Amravati

Principal

Dr. F.C. Raghuwanshi  
VBMV, Amravati



A  
DISSERTATION  
ON

**Development And Evaluation of Under-Eye Cream**  
**with the Magnolia Plant Stem Cell Extract.**

SUBMITTED TO  
Sant Gadge Baba Amravati University, Amravati  
In The Practical Fulfilment For The Award Of Degree Of  
*Master Of Technology*  
(Cosmetic Technology)

By  
**Miss. Meghana D. Joshi**

Guide  
**Dr. L. K. Vyas**  
M.Tech (Cosmetic Technology), Ph.D  
Vidyabharti Mahavidyalaya,  
Amravati



DEPARTMENT OF COSMETIC TECHNOLOGY,  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI  
(2018-2019)

## CERTIFICATE

This is to certify that a Dissertation entitled

**Development And Evaluation of Under-Eye Cream**  
**with the Magnolia Plant Stem Cell Extract.**

Was Carried out by


**Miss. Meghana D. Joshi**

under the supervision & guidance of **Prof.Dr.L.K.Vyas** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

**Date :**

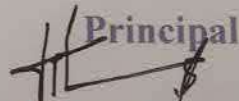
**Place : Amravati**

**H.O.D & Guide**

  
**Dr. L.K. Vyas**

**M.Tech(Cos), Ph.D**

Cosmetic Technology Department  
Vidyabharti Mahavidyalaya  
Amravati

  
**Principal**

**Dr.F.C.Raghuwanshi**

Vidyabharti Mahavidyalaya  
Amravati

A  
DISSERTATION  
ON

■ **Formulation and Development of Hydrating with anti-aging face serum** ■

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati  
In The Practical Fulfilment For The Award Of Degree Of  
*Master Of Technology*  
(Cosmetic Technology)

By

**Miss. Devika N. Dandwate**

Guide

**Prof. A. G. Sangle**  
**M. Tech (Cosmetics)**  
Vidyabharti Mahavidyalaya,  
Amravati



**DEPARTMENT OF COSMETIC TECHNOLOGY,**  
**VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**  
**(2018-2019)**



## **CERTIFICATE**

This is to certify that a dissertation entitled

### **Formulation and Development of Hydrating with anti-aging face serum**

was carried out by

**Miss. Devika N. Dandwate**

In the laboratories of LA PEARL HERBAL PVT. LTD. NAGPUR and VIDYABHARATI MAHAVIDYALAYA AMRAVATI under the supervision & guidance of **Prof. A. G. Sangle** in the partial fulfillment of requirement for the degree of Master of Cosmetic Technology with specialization in Cosmetic Technology, his work is ready for examination.

Date: 23/4/19

Place: Amravati

  
Head of Department

**Dr. L. K. Vyas**  
M.Tech (Cosmetic), Ph.D  
Vidyabharati Mahavidyalaya,  
Amravati.

  
Guide

**Prof. A. G. Sangle**  
M.Tech(Cosmetic)  
Vidyabharati Mahavidyalaya,  
Amravati



**Principal**  
**Dr. F. C. Raghuwanshi**  
Vidyabharati Mahavidyalaya,  
Amravati.

# DISSERTATION

ON

## Formulation and Development of Brushless paper foundation incorporated with herbs

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati  
In The Partial Fulfilment For The Award Of Degree Of

**Master Of Technology**

(Cosmetic Technology)

By

Miss. Khushbu Anil Jain  
B.Tech.

Guide

Prof. Mr. Sachin P. Padole  
M. Pharm.



DEPARTMENT OF COSMETIC TECHNOLOGY,

Vidyabharti Mahavidyalaya, Amravati

2018-19

## CERTIFICATE

This is to certify that a Dissertation entitled

*Formulation and Development of  
Brushless paper foundation incorporated with herbs*

Was Carried out by

**Miss. Khushbu Anil Jain**

under the supervision & guidance of **Prof. Mr. Sachin P. Padole** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

**Date :** 23/4/19

**Place :** Amravati

**Head of Department**



**Dr. L. K. Vyas**

**M.Tech(Cos), Ph.D**

H.O.D of Cosmetic Technology

Vidyabharti Mahavidyalaya

Amravati

**Guide**



**Prof. Mr. Sachin P. Padole**

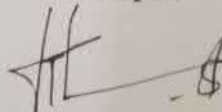
**M. Pharm**

Department of Cosmetic Technology

Vidyabharti Mahavidyalaya

Amravati

**Principal**



**Dr. F.C. Raghuwanshi**

Vidyabharti Mahavidyalaya

Amravati



A  
DISSERTATION  
ON  
**Formulation and Evaluation of Moisturising  
Face wash Gel.**

SUBMITTED TO  
Sant Gadge Baba Amravati University, Amravati  
In The Practical Fulfillment For The Award Of Degree Of  
***Master of Technology***  
(Cosmetic Technology)

By  
**Miss. Antara D. Murai**

**Guide**  
**Prof. Yogita V. Dhote**  
M.tech, ( Cosmetic Technology ) , MBA



**DEPARTMENT OF COSMETIC TECHNOLOGY,  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI  
(2018-2019)**

## CERTIFICATE

This is to certify that project work titled, Formulation and Evaluation of Moissurising Face wash Gel.

at Vidyabharti mahavidyalaya Amravati. Is a bonified work conducted by **Miss. Antara D. Murai**, a Student of Master of Technology (Cosmetic Technology) under our guidance.

*Head of Department*



**Dr. L.K. Vyas**

M.Tech. (Cos), Ph.D.

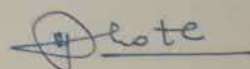
H.O.D.

Department of Cosmetic Technology

Vidyabharti Mahavidyalaya,

Amravati

*Guide*



**Prof. Y.V. Dhote**


M.Tech. (Cos), MBA

Department of Cosmetic Technology

Vidyabharti Mahavidyalaya,

Amravati

*Principal*



**Dr. F.C. Raghuwanshi**

Vidyabharti Mahavidyalaya, Amravati

# DISSERTATION

ON

## Formulation Development And Evaluation OF Anti Acne Gel

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati  
In The Partial Fulfilment For The Award Of Degree Of

*Master Of Technology*

(Cosmetic Technology)

By

Miss. Pradnya Keshav Chole

Guide

Prof. Mrs. Roshani Vishwakarma

M.Tech. (Cosmetic)



DEPARTMENT OF COSMETIC TECHNOLOGY,

Vidyabharti Mahavidyalaya, Amravati

2018-19



# CERTIFICATE

This is to certify that a Dissertation entitled

**Formulation Development And Evaluation OF**  
**Anti Acne Gel**

Was Carried out by


**Miss. Pradnya Keshav Chole**

under the supervision & guidance of **Prof. Roshani Vishwakarma** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

**Date :**

**Place : Amravati**

**Head of Department**



**Dr. L. K. Vyas**

**M.Tech(Cos), Ph.D**

H.O.D of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

**Guide**



**Prof. Roshni Vishwakarma**

**M.Tech (Cos)**

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati



**Principal**

Vidyabharti Mahavidyalaya  
Amravati

**DISSERTATION**  
**ON**  
**Formulation and Development of Anti-acne Skin**  
**Softening Serum.**

**SUBMITTED TO**  
**Sant Gadge Baba Amravati University, Amravati**  
**In The Practical Fulfilment For The Award Of Degree Of**  
***Master Of Technology***  
**(Cosmetic Technology)**

**By**  
**Miss. Shrutika D. Kulkarni**  
**Guide**  
**Prof. Pooja A. Kolhe**  
**M.Sc. (Pharmaceutical Chemistry)**



**DEPARTMENT OF COSMETIC TECHNOLOGY,**  
**Vidyabharti Mahavidyalaya, Amravati**

**2018-19**

## **CERTIFICATE**

This is to certify that a Dissertation entitled

### **Formulation and Development of Anti-acne Skin Softening Serum.**

Was Carried out by

**Miss. Shrutika D. Kulkarni**

Under the supervision & guidance of **Prof. Pooja A. Kolhe** in the partial fulfillment of requirement for the degree of Master Of Cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

**Head of Department**



**Dr. L.K. Vyas**

M.Tech. (Cos), Ph.D.

H.O.D.

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya,  
Amravati

**Guide**



**Prof. Pooja A. Kolhe**

M.Sc.

(P'ceutical Chemistry).

Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya,  
Amravati

**Principal**



**Dr. F.C. Raghuwanshi**

Vidyabharti Mahavidyalaya, Amravati



# DISSERTATION

ON

## Formulation and Development of Age-lock Serum using extract of Tectona Grandis

-Submitted to-

*Sant Gadge Baba Amravati University, Amravati  
in the partial fulfillment for the award of degree of*

**Master of cosmetic Technology**  
[Cosmetic Technology]

-Submitted By-

Miss. Dhanashri Ashokrao Gulhane  
M.Tech. (IV<sup>th</sup> sem)

-Guide-

**Dr. L. K. Vyas**  
M. Tech (Cosmetic), Ph. D  
Head of Department, Cosmetic Department

**Vidyabharti Mahavidyalaya, Amravati**



**DEPARTMENT OF COSMETIC TECHNOLOGY  
VIDYABHARTI MAHAVIDYALAYA, AMRAVATI**

2018-2019

# CERTIFICATE

This is to certify that the project report entitled

## **Formulation and Development of Age-lock Serum using extract of Tectona Grandis**

-Submitted By-

Miss. Dhanashri Ashokrao Gulhane

Is a bonafide work carried out by them under the guidance of Dr. L. K. Vyas and it is approved for the fulfillment of the requirement of the Sant Badge Baba Amravati University, for the award of the Master's Degree in Cosmetic Technology.

This project report has not been earlier submitted to any other Institute of University for the award of any degree.

Guide & H.O.D

Principal



Dr. L. K. Vyas.

M.Tech. (cosmetic), Ph. D

Vidyabharati Mahavidyalaya

Amravati



Dr. F. C. Raghuwanshi

Vidyabharti Mahavidyala

Amravti

Place: Amravati

Date: 22/4/2019

# DISSERTATION

ON

## Formulation and Development of Anti-Wrinkle cream using herbal extracts

SUBMITTED TO

Sant Gadge Baba Amravati University, Amravati

In The Practical Fulfilment For The Award Of Degree Of

*Master Of Technology*

(Cosmetic Technology)

By

Miss. Roshni , B. Keswani

Guide

Prof. Pooja A. Kolhe

M.Sc. (Pharmaceutical Chemistry)



DEPARTMENT OF COSMETIC TECHNOLOGY,

Vidyabharti Mahavidyalaya, Amravati

2018-19



## CERTIFICATE

This is to certify that a Dissertation entitled

**Formulation and Development of Anti-Wrinkle**  
**using herbal extracts**

Was Carried out by

**Miss. Roshni. B. Keswani**

under the supervision & guidance of **Prof. Pooja A. Kolhe** in the partial fulfillment of requirement for the degree of master of cosmetic Technology with specialization in Cosmetic Technology, her work is ready for examination.

Date :

Place : Amravati

**Head of Department**



**Dr. L.K. Vyas**  
**M.Tech(Cos), Ph.D**  
H.O.D of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

**Guide**



**Prof. P.A. Kolhe**  
**M.Sc. (P'ceutical Chem.)**  
Department of Cosmetic Technology  
Vidyabharti Mahavidyalaya  
Amravati

**Principal**



**Dr. F.C. Raghuwanshi**  
Vidyabharti Mahavidyalaya  
Amravati

**VIDYABHARATI MAHAVIDYALAYA, AMRAVATI.**  
**DEPT. OF COSMETIC TECHNOLOGY**

**B.Tech IV Year (VII Sem.)**

**PROJECT GUIDE - STUDENT LIST**

**SESSION : 2018-2019 (Winter)**

Sr. No.	Name of Guide	Name of Student
1	Dr. L. K. Vyas	Mr. Shubham Parihar
		Mr. Sanchit Kumar Singh
		Ku. Priya Kale
		Ku. Nakshatra Deshmukh
		Ku. Swati Dahake
		Ku. Krutika Bhoyar
2	Prof. Y. V. Dhote	Ku. Snehal Sawade
		Mr. Ayush Umre
		Ku. Nikita Chourasiya
		Ku. Dhanashri Batra
		Mr. Tanmay Tiwari
		Ku. Priyanka Mukharje
3	Prof. P. A. Kolhe	Ku. Siddhi chavhan
		Ku. Shweta Padole
		Ku. Kajal Thakur
		Ku. Bhavna sahu
		Ku. Priti Dhamecha
		Mr. Gaurav Gaikwad
4	Prof.U. Kalmegh	Ku. Radha Thakur
		Ku. Vividha Sawarkar
		Ku. Roshani Umak
		Ku. Karishma Bodhale
		Ku. Sayli Lokhande
		Ku. Nisha Patel
5	Prof. R. S. Tale	Ku. Vishakha Chandurkar
		Ku. Sonali Gujar
		Ku. Saavi Shekokar
		Ku.Pooja Lende
		Ku. Komal Thakur
		Ku. Runjhun Thakur
6	Prof. A.G. Sangle	Ku. Pooja Ostwal
		Ku. Rucha Kulkarni
		Ku. Jemmi Mali
		Ku. Meeta Hemrajani
		Ku.Pooja Garase
		Mr. Gaurav Kale
7	Prof. R.A.Vishwakarma	Ku. Ashwini Bagle
		Ku. Apurva Pophaly
		Ku. Nisha Sharma
		Ku. Priyanka Tale
		Ku. Ankita Ladole
		Ku. Prachi Dugad
8	Prof. Imran Khan	Ku. Misbah Rahat
		Mr. Rushikesh Varma
		Ku. Devyani Khamankar
		Ku. Sharvari Kulkarni
		Ku. Pooja Chavhan
		Ku. Komal Agrawal
9	Prof. S. P. Padole	Ku. Sharon Zilkar
		Ku. Mrunmayee Jalamkar
		Mr. Arshad Shaikh
		Mr. Irfan Khan
		Mr. Jatin Gajabi

		Mr. Akshay Chandurkar
10	Prof. B.R.Dahikar	Mr. Mukul Shriram
		Mr. Shubham Pande
		Ku. Namrata Thakare
		Mr. Gaurav Mandavkar
		Mr. Piyush Gandhi
		Ku. Shivani Sahu

  
HOD,  
Dept. Of Computer Technology  
Vidya Bhairavi Mahavidyalaya  
AMRAVATI.



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

**NAME OF EXAMINATION :- MHRD - III - SEMESTER YEAR - 2018-2019**

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

**BRANCH : COMMERCE**

<b>SR. NO.</b>	<b>TITLE OF THE DISSERTATION</b>	<b>STUDENT'S NAME</b>	<b>NAME OF THE INTERNAL EXAMINAR / GUIDE</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	“ A STUDY ON TRAINING PROGRAM CONDUCTED AT MAX LIFE INSURANCE AT VARIOUS LEVELS”	AAKANKSHA DIPAKSINGH MOHANE	PROF. PRATIK UPASE
2	“A STUDY OF PERFORMANCE MANAGEMENT SYSTEM IN NATIONALIZED BANKS WITH SPECIAL REFERENCE TO AMRAVATI CITY”	ANKITA DILIPKUMAR SHIVNANI	PROF. P. B. UPASE
3	“A STUDY OF WORK LIFE BALANCE IN IT COMPANY WITH REFERENCE TO CYBAGE SOFTWARE, PUNE”.	ASHWINI DEVIDAS SHIRAO	PROF. P. B. DESHPANDE
4	“ IMPACT OF EMPLOYEE MOTIVATION AND JOB PERFORMANCE WITH REFERENCE TO MORARJEE TEXTILE LIMITED, NAGPUR”	ASHWINI MURLIDHAR WADURKAR	PROF. P. B. DESHPANDE
5	“A STUDY ON THE IMPORTANCE OF HUMAN RESOURCE MANAGEMENT FUNCTIONS IN ACHIEVING SUCCESSFUL ORGANIZATIONAL OBJECTIVES WITH SPECIAL REFERENCE TO RAYMOND LUXURY COTTONS LIMITED, AMRAVATI”	CHETNA PREM BATRA	PROF. PRADIP DESHPANDE
6	“A STUDY OF STRESS AT WORK PLACE IN PRIVATE BANKING SECTOR WITH SPECIAL REFERENCE TO AMRAVATI CITY”	MAYURI VINOD GUPTA	PROF. PRATIK B. UPASE
7	“A STUDY ON COMPENSATION PACKAGES OF EMPLOYEES WITH SPECIAL REFERENCE TO PLASTIC SURGE INDUSTRIES PRIVATE LIMITED, AMRAVATI”	PRAJAKTA DIGAMBAR PINJARKAR	PROF. MANINNDAR MONGA

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

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1	2	3	4
8	“ A STUDY OF HEALTH AND SAFETY MEASURES TAKEN FOR EMPLOYEES IN BHAKTI INDUSTRIES, AMRAVATI”	PUNAM SURESH BALPANDE	DR. PANKAJ D. WAGHMARE
9	“A STUDY OF COMPENSATION MANAGEMENT AND ITS EFFECT ON EMPLOYEE SATISFACTION IN NATIONALIZED BANKS WITH SPECIAL REFERENCE TO AMRAVATI CITY”	RUCHI SUSHILKUMAR CHAWLA	DR. SOHEL KHAN
10	“ A STUDY OF JOB SATISFACTION AMONG EMPLOYEES OF SBI, BADNERA”	SAKSHI DILIP HEMNANI	DR. SOHEL KHAN
11	“ A STUDY OF PROBLEMS IN MODERN MARRIAGES WITH SPECIAL REFERENCE TO AMRAVATI CITY”	SHUBHANGI GAJANAN SURYAWANSHI	DR. S. S. KAWITKAR
12	“IMPACT OF GLASS CEILING ON WOMEN EMPOWERMENT IN BANKING SECTOR IN AMRAVATI REGION”	SIMRAN NANDLAL BHUDHLANI	DR. S. S. KAWITKAR
13	“A STUDY ON PERFORMANCE APPRAISAL SYSTEM OF EMPLOYEES WITH SPECIAL REFERENCE TO HDFC BANK, DHAMANGAON RLY”	VRUSHALI RAJENDRA BHENDE	PROF. SHRADHA CHOURASIA
14	“ A STUDY ON JOB SATISFACTION AMONG EMPLOYEES IN AMRAVATI M.I.D.C.”	SURAJ SANJIVRAO SIRASKAR	DR. SOHEL KHAN

  
**Dr. R. M. Patil**  
 Co-ordinator  
 Internal Quality Assurance Cell  
 Vidya Bharati Mahavidyalaya  
 Camp, Amravati-444 602 (M.S.)



  
**PRINCIPAL**  
**VIDYA BHARATI MAHAVIDYALAYA**  
**AMRAVATI**

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

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1	“ A STUDY ON INVESTMENT IN MUTUAL FUND THROUGH SYSTEMATIC INVESTMENT PLAN”	SAMIKSHA ARUNRAO KALE	PROF. RUPESH BHADORIYA	FM
2	“ A STUDY ON INVESTORS ATTITUDE TOWARDS INDIA POST OFFICE PENSION PLAN”	AKSHAY DHARMRAJ SHINGANE	PROF. SHRADHA CHOURASIA	FM
3	“IMPACT OF DIGITAL BANKING ON CUSTOMERS OF HDFC BANK IN AMRAVATI CITY”	ANKITA UTTAMRAO WATANE	PROF. SANDESH KEDIA	FM
4	“ IMPACT OF PROMPT CORRECTIVE ACTION ON ASSET QUALITY WITH REFERENCE TO DENA BANK, CAMP BRANCH, AMRAVATI”	ASHWIN GAJANAN UMALE	PROF. RAJESH B. SASANE	FM
5	“IMPACT OF DEMONETIZATION ON SMALL VENDORS IN AMRAVATI CITY”	BHAVANA GANESH WANKHADE	PROF. SANDESH KEDIA	FM
6	“A STUDY OF FACTORS RESPONSIBLE FOR HIKES AND FALLS IN CAR INSURANCE PREMIUM WITH REFERENCE TO NATIONAL INSURANCE COMPANY, AMRAVATI CITY”	DIPTI JAYANTRAO MALODE	PROF. RAJESH B. SASANE	FM
7	“ A STUDY ON OPERATIONAL COMPLIANCE OF BANKS WITH STAND UP INDIA SCHEME IN AMRAVATI CITY”	GAURAV GANESHRAO MONDHE	PROF. RAJESH B. SASANE	FM
8	“ A STUDY OF INVESTMENT AND RISK APPROACH OF INDIVIDUALS WITH SPECIAL REFERENCE TO GOVERNMENT EMPLOYEES IN AMRAVATI CITY”	GUNJAN RAJDEEP BADONIYA	PROF. SANDESH KEDIA	FM



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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
9	“A STUDY OF DIFFERENT FINANCIAL SCHEMES FOR WOMEN ENTREPRENEUR BY GOVERNMENT OF INDIA FOR WOMEN EMPOWERMENT IN AMRAVATI”	ISHA SANJAY AGRAWAL	PROF. SACHIN A. BOTHRA	FM
10	“ COMPARATIVE ANALYSIS OF MUTUAL FUNDS SCHEMES OF HDFC & SBI WITH SPECIAL REFERENCE TO AMRAVATI CITY”	KARAN DILIP ZANWAR	PROF. POOJA DAMMANI	FM
11	“ A STUDY OF CHANGING SCENARIO OF BANKING INDUSTRY WITH SPECIAL REFERENCE TO STATE BANK OF INDIA IN AMRAVATI CITY”	KARTIK SANJAY JAISWAL	PROF. SHARDHA CHOURASIA	FM
12	“ A STUDY ON SELF HELP GROUP BY MICRO FINANCE WITH SPECIAL REFERENCE TO AMRAVATI CITY”	MANISHA SANTOSHRAO PACHANGE	PROF. RUPESH R. BHADORIYA	FM
13	“ A STUDY ON PREFERRED INVESTMENT AVENUES BY TEACHERS OF HIGHER EDUCATION”	MAYUR SHANKARRAO YEOLE	PROF. RUPESH BHADORIYA	FM
14	“ A STUDY ON APP BASED PAYMENT AVENUES OF ICICI BANK AND IT’S OPERATIVE FEASIBILITY”	PRASHANT SHRIKRUSHNA NANDANE	PROF. R. B. SASANE	FM
15	“ AGRICULTURAL INSURANCE IN INDIA: PROBLEMS & PROSPECTS”	PURVI VASANT MANDAWDHARE	PROF. SANDESH KEDIA	FM
16	“ A STUDY OF ROLE OF CO-OPERATIVE BANK IN THE DEVELOPMENT OF SMALL SCALE INDUSTRIES”	RAMKUMAR SANTOSH SONY	PROF. SHARDHA CHOURASIA	FM

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17	“IMPACT OF MOBILE AND INTERNET BANKING ON CUSTOMERS WITH REFERENCE TO PUBLIC SECTOR BANKS IN AMRAVATI CITY”	RANI ARUNRAO ADHAU	PROF. POOJA DAMMANI	FM
18	“ ROLE OF NABARD IN AGRICULTURAL AND RURAL DEVELOPMENT WITH REFERENCE TO AMRAVATI DISTRICT”	SACHIN VINAYAKRAO DAHATONDE	PROF. SHRADHA CHOURASIA	FM
19	“ A STUDY OF INITIAL PUBLIC OFFERS OPTED AS AN INVESTMENT AVENUE BY THE INVESTORS WITH SPECIAL REFERENCE TO CLIENTS OF KOTAK SECURITY LIMITED, AMRAVATI	SAURABH CHHATRAPATI ATHATE	DR. SACHIN BOTHRA	FM
20	“ TO STUDY THE ROLE OF STATE BANK OF INDIA AND THE SCHEME LAUNCHED FOR FINANCIAL INCLUSION IN AMRAVATI”	SHITAL DIGAMBAR SONONE	PROF. POOJA DAMMANI	FM
21	“ A STUDY OF REFINANCING OF FOUR WHEELER VEHICLES WITH SPECIAL REFERENCE TO MAHINDRA AND MAHINDRA FINANCIAL SERVICES LIMITED, AMRAVATI.”	SHIVANI ANILRAO SAKHARE	DR. SACHIN BOTHRA	FM
22	“ A STUDY ON ACTIVITIES AND CHALLENGES OF SELF HELP GROUP WITH REFERENCE TO AMRAVATI CITY”	SHRADDHA ANIL KHODKE	PROF. SHRADHA CHOURASIA	FM
23	“ A STUDY OF ROLE OF MUTUAL FUND INVESTMENTS FOR THE FINANCIAL PORTFOLIO INVESTORS WITH SPECIAL REFERENCE TO SALARIED PEOPLE OF AMRAVATI”	VIJAYA VILASRAO SARODE	DR. SACHIN BOTHRA	FM
24	“ IMPACT OF SAVING OF INVESTOR ON THEIR INVESTMENT PRIORITIES – A CASE STUDY OF WORKING WOMEN IN AMRAVATI CITY”	VINITA SANTOSH BAJAJ	DR. SACHIN BOTHRA	FM

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

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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
25	“ A STUDY ON IMPACT OF GOVERNMENT HOUSING SCHEME ON HOUSING FINANCE WITH REFERENCE TO AMRAVATI CITY”	YASHSHRI ASHOKRAO KASHIKAR	PROF. POOJA DAMMANI	FM
26	“SELF SERVICES BANKING KIOSK: A STUDY OF CONSUMER AWARENESS WITH REFERENCE TO STATE BANK OF INDIA IN AMRAVATI CITY”	YOGEEETA RAJENDRA UBALE	PROF. RAJESH SASANE	FM
27	“COMPARATIVE STUDY OF FUNDAMENTAL ANALYSIS OF STOCK OF SBI & HDFC BANK”	YUGANTI BANDU NIWALKAR	PROF. SANDESH KEDIA	FM
28	“A STUDY ON INVESTMENT PATTERN OF TEACHERS OF HIGHER EDUCATION (WITH SPECIAL REFERENCE TO AMRAVATI CITY”	TUSHAR PRAKASHRAO WASU	PROF. RUPESH BHADORIYA	FM
29	“ A STUDY OF HEALTH WELFARE & SAFETY POLICY IN JADHAO INDUSTRIES IN AMRAVATI”	SAMIA FATEMA RIZWANUDDIN QAZI	PROF. POOJA DAMMANI	HRM
30	“ A STUDY ON PERFORMANCE APPRAISAL SYSTEM IN JADHAO INDUSTRIES”	ANKITA RAJENDRA ZANWAR	DR. PALLAVI MANDAOGADE	HRM
31	“A STUDY ON IMPORTANCE OF HR POLICIES AND ITS ROLE IN HYUNDAI MOTOR INDIA LIMITED”	ANKITA SUDHIR SONAR	DR. PALLAVI MANDAOGADE	HRM
32	ROLE OF IT IN THE HUMAN RESOURCE MANAGEMENT A STUDY OF BANKING SECTOR IN AMRAVATI CITY	ARACHANA SUBHASH HEDA	DR. P. D. WAGHMARE	HRM
33	“ ROLE OF TRAINING IN ENHANCEMENT OF EMPLOYEE KNOWLEDGE & COMMUNICATION AT JADHAO INDUSTRY, AMRAVATI”	DHANSHRI DILIPRAO CHANGOLE	DR. SOHEL KHAN	HRM



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

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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
34	“ THE IMPORTANCE OF JOB FLEXIBILITY IN WORKPLACE WITH SPECIAL REFERENCE TO STATE BANK OF INDIA, BADNERA”	EKTA KRUSHNARAO GANVIR	DR. SOHEL KHAN	HRM
35	“A STUDY ON ANALYSIS OF MOTIVATIONAL FACTORS AVAILABLE TO EMPLOYEES AT PARLE AGRO LIMITED AND ITS IMPACT ON THE EFFICIENCY AND EFFECTIVENESS AT WORKPLACE”	JAYASHRI GANESH KHARATE	DR. PALLAVI MANDAOGADE	HRM
36	“ A STUDY OF EMPLOYEE SATISFACTION AND COMPENSATION MANAGEMENT IN JADHAO INDUSTRY, AMRAVATI”	KALYANI PRADIP RAGHUWANSHI	PROF. MANNINDER MONGA	HRM
37	“ A STUDY ON JOB SATISFACTION OF EMPLOYEES WORKING AT D-MART, AMRAVATI”	SEEMA PREMCHAND AHUJA	DR. PALLAVI MANDAOGADE	HRM
38	“A STUDY OF SOCIAL BARRIER TOWARDS WOMEN EMPOWERMENT WITH SPECIAL REFERENCE AMRAVATI REGION”	TRISHALA SANJAY PATEL	DR. S. S. KAWITKAR	HRM
39	“COMPARATIVE STUDY OF SERVICE QUALITY OF PUBLIC SECTOR AND PRIVATE SECTOR BANK ATM AND ITS IMPACT ON CUSTOMER SATISFACTION IN AMRAVATI”	AAKASH ASHOK KHADSE	PROF. PRATIK UPASE	MM
40	“ A MARKET STUDY ON OPPO MOBILE MU PRIVATE LIMITED IN AMRAVATI CITY”	BRIJESH ASHOK PINJANI	DR. P. D. WAGHMARE	MM
41	“ A STUDY OF CONSUMER SATISFACTION WITH REFERENCE TO D-MART IN AMRAVATI CITY”	DHEERAJ GANESH TAGADE	DR. P. D. WAGHMARE	MM

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

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1	2	3	4	5
42	"A STUDY ON MARKETING STRATEGY ADOPTED BY KENSTAR FOR PROMOTION OF WATER PURIFIER"	MOHD AFAQUE KHAN ASHFAQUE AH KHAN	DR. P. N. MANDAVGADE	MM
43	"AN ANALYTICAL STUDY OF CONSUMER BUYING BEHAVIOUR TOWARDS AUTOMOBILE SPARE PARTS WITH SPECIAL REFERENCE TO TWO WHEELER SEGMENT IN AMRAVATI CITY"	PRASHANT SATYANARAYAN LAHOTI	PROF. M. H. MONGA	MM
44	"A STUDY OF CUSTOMER SATISFACTION IN REAL ESTATE INDUSTRY IN AMRAVATI CITY"	SHUBHAM VIJAYRAO KHAWALE	PROF. PRATIK UPASE	MM
45	"A STUDY OF SALES PROMOTION STRATEGY OF WALMART - BEST PRICE, AMRAVATI"	YASH MUKESH GUPTA	DR. S. S. KAWITKAR	MM
46	"A STUDY OF CONSUMER BEHAVIOUR TOWARDS CASHLESS INDIA"	TAUSIF MD. YUSUF AKBANI	PROF. RUPESH R. BHADORIYA	MM
47	" A STUDY OF CONSUMER PERCEPTION TOWARDS TATA SKY DTH IN AMRAVATI CITY"	MANGESH GUHAD	PROF. SANDESH KEDIA	MM
48	" A STUDY OF CONSUMER BEHAVIOUR TOWARDS SERVICES OF RELIANCE JIO INFOCOMM LIMITED"	APEKSHIT S. AWAGHANE	PROF. RUPESH BHADORIYA	MM
49	ROLE OF ADVERTISEMENT TOWARDS TOOTHPASTE PURCHASE IN AMRAVATI CITY WITH SPECIAL REFERENCE TO COLGATE PALMOLIVE LIMITED	ROSHAN DILIPRAO NAWADE	DR. P. D. WAGHMARE	MM

  
**Dr. R. M. Patil**  
 Co-ordinator  
 Internal Quality Assurance Cell  
 Vidya Bharati Mahavidyalaya  
 Camp, Amravati-444 602 (M.S.)



  
**PRINCIPAL**  
**VIDYA BHARATI MAHAVIDYALAYA**  
**AMRAVATI**

Offer Letter

29/01/2019

Mr. Vaibhav A. Dhadse,

Dear Vaibhav,

This has reference to your application dated 28/01/2019 and subsequent interview you had with us, for the position of "Trainee Software Developer".

Location: Pune.

Office Hours: 9:30 to 6:30 PM

Weekly Off: Sunday

We are pleased to confirm the offer letter of employment for the above position on terms and conditions mutually discussed and agreed.

Your Joining Date will be in 29<sup>th</sup> January 2019. You will be given an additional support and facilities as and when required.

You are required to bring copy of the following

1. Latest passport size 2 photograph.
2. College Identity Card
3. Aadhar Card
4. PAN Card
5. Residence proof (Electric Bill ,Rent Agreement)

Non- acceptance before the stipulated date shall make this offer redundant automatically.  
Our Detailed letter containing terms and condition will be given to you when you join.  
Please return the enclosed copy duly signed as a token of your acceptance of the letter.

From

Maestro Intellect Pune





Offer Letter

28/01/2019

Ms. Rasika V. Barde,

Dear Rasika,

This has reference to your application dated 24/01/2019 and subsequent interview you had with us, for the position of "Trainee Software Developer".

Location: Pune.

Office Hours: 9:30 to 6:30 PM

Weekly Off: Sunday

We are pleased to confirm the offer letter of employment for the above position on terms and conditions mutually discussed and agreed.


Your Joining Date will be in 28<sup>th</sup> January 2019. You will be given an additional support and facilities as and when required.

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Our Detailed letter containing terms and condition will be given to you when you join.  
Please return the enclosed copy duly signed as a token of your acceptance of the letter.

From  
Maestro Intellect Pune



3rd floor, Above Jijamata bank, Karve Nagar, Pune, Maharashtra 411052  
Unity Gold Complex Deccan Pune

Contact No. : 7517653975 | Email : hr@maestrointellect.com | Website : www.maestrointellect.com

To,  
Ms. Roshani Sitlani,

Dear Roshani,

This is an acknowledgement letter confirming your internship with us at Plus91 Technologies Private Limited. As an 09<sup>th</sup> January 2019,

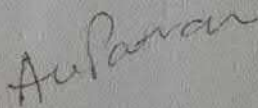
Your training and internship will commence on 11<sup>th</sup> January 2019 at 601 A, 6th floor, Phoenix East Court, Opp. Giga Space, Viman Nagar, PUNE – 411014 and will be completed in a duration of 06 months. During this period, you will be entitled to a Travel and Dearness allowance as per company policy. The TA/DA has been fixed at Rs. 2500/- from 1<sup>st</sup> month by the company.

We are willing to hold this position that is available to you for the next 1 working days from the delivery of this letter. Please contact us before the specified date so that we can confirm your acceptance of the offer. You will be subject to Terms and Conditions of a fulltime employee during this period.

Terms and Conditions:

If in this period of internship Plus91 Technologies Pvt Ltd is not satisfied with your performance, then your internship will terminate any time by Plus91 technologies Pvt ltd.

For Plus91 Technologies Pvt Ltd



Aditya Patkar  
CEO  
Plus91 Technologies Pvt Ltd.



**Offer Letter**

28/01/2019

Ms. Nikita P. Kediya,

Dear Nikita,

This has reference to your application dated 24/01/2019 and subsequent interview you had with us, for the position of "Trainee Software Developer".

Location: Pune.

Office Hours: 9:30 to 6:30 PM

Weekly Off: Sunday

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5. Residence proof (Electric Bill ,Rent Agreement)

Non- acceptance before the stipulated date shall make this offer redundant automatically.  
Our Detailed letter containing terms and condition will be given to you when you join.  
Please return the enclosed copy duly signed as a token of your acceptance of the letter.

From

Maestro Intellect Pune



3rd floor, Above Jijamata bank, Karve Nagar, Pune, Maharashtra 411052  
Unity Gold Complex Deccan Pune

Contact No. : 7517653975 | Email : [hr@maestrointellect.com](mailto:hr@maestrointellect.com) | Website : [www.maestrointellect.com](http://www.maestrointellect.com)





14<sup>th</sup> January 2019

Bhagatisingh  
ward no 16 pahlepar,  
Saoner.

*Dear Kavita Mehandole,*

We are pleased to inform you that you have been selected as "Intern Technologist" effective from 14<sup>th</sup> January 2019. Following are terms and condition of your internship.

1. You will be based at our **Nagpur** office. The Company reserves the right to transfer you to any office, department or establishment forming a part of our Company or any establishment wherever our company will be having interest.
2. You will be entitled to 1 leave per month during your tenure. Apart from these, you will also be entitled for Holidays as per company policies.
3. You shall at all times keep the information that may come to your knowledge regarding company's plans, business affairs, operations etc confidential.
4. You shall inform the Company of any changes in your personal data within 3 days. Any notice required to be given to you shall be deemed to have been duly and properly given if delivered to you personally or sent by post to you at your address in India, as recorded in the Company.
5. You will abide by the Rules and Regulations of the Company which are in force from time to time, and the Company shall have the right from time to time to vary or modify any of the terms and conditions of service which shall be binding on you.
6. You shall at all times furnish true and correct information pertaining to your qualification, experience etc. If the information furnished by you in your Resume & the documents submitted by you is found to be incorrect at any point of time, your internship will be terminated without any further notice to you.

---

### **Kratin Software Solutions Pvt. Ltd.**

Office : 47, B2 - 1st Floor, Lambent IT Park, Harihar Nagar, Besa, Nagpur - 440 037

Telefax: +91-7103-281291 Mob. : +91-9970014732 Email : [mobile@kratin.co.in](mailto:mobile@kratin.co.in) Website : [www.kratinmobile.com](http://www.kratinmobile.com)



7. Breach of any of the above conditions will render you liable to termination of your internship without notice or compensation.
8. Duration of internship will be 6 months i.e. 14<sup>th</sup> January 2019 to 14<sup>th</sup> July 2019, during this period you will be paid Rs.15,000/- (Fifteen Thousand only) per month stipend. The duration of internship can be extended by 1 month depending on mutual consent. Based on your six month performance you will get confirmation with revised CTC 4 LPA.
9. Please note that in addition to what has been mentioned in this offer letter, no other commitment is being made by the company.

We take pleasure in welcoming you to our organization and look forward to a mutually beneficial association.

We wish you all the best in your career.

Cordially,

Satin Katiyar  
Chief Architect & CEO

## Kratin Software Solutions Pvt. Ltd.

Office : 47, B2 - 1st Floor, Lambent IT Park, Harihar Nagar, Besa, Nagpur - 440 037

Telefax: +91-7103-281291 Mob. : +91-9970014732 Email : [mobile@kratin.co.in](mailto:mobile@kratin.co.in) Website : [www.kratinmobile.com](http://www.kratinmobile.com)



To,  
Ms. Kalyani Kulkarni,

Dear Kalyani,

This is an acknowledgement letter confirming your internship with us at Plus91 Technologies Private Limited. As an 09<sup>th</sup> January 2019.

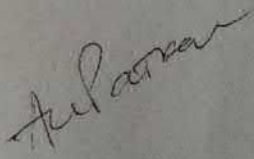
Your training and internship will commence on 11<sup>th</sup> January 2019 at 601 A, 6<sup>th</sup> floor, Phoenix East Court, Opp. Giga Space, Viman Nagar, PUNE – 411014 and will be completed in a duration of 06 months. During this period, you will be entitled to a Travel and Dearness allowance as per company policy. The TA/DA has been fixed at Rs. 2500/- from 1<sup>st</sup> month by the company.

We are willing to hold this position that is available to you for the next 1 working days from the delivery of this letter. Please contact us before the specified date so that we can confirm your acceptance of the offer. You will be subject to Terms and Conditions of a fulltime employee during this period.

Terms and Conditions:

If in this period of internship Plus91 Technologies Pvt Ltd is not satisfied with your performance, then your internship will terminate any time by Plus91 technologies Pvt ltd.

For Plus91 Technologies Pvt Ltd

  
Aditya Patkar  
CEO  
Plus91 Technologies Pvt Ltd.



**Offer Letter**

**28/01/2019**

**Ms. Arti R. Bais,**

**Dear Arti,**

This has reference to your application dated 24/01/2019 and subsequent interview you had with us, for the position of "Trainee Software Developer".

Location: Pune.

Office Hours: 9:30 to 6:30 PM

Weekly Off: Sunday

We are pleased to confirm the offer letter of employment for the above position on terms and conditions mutually discussed and agreed.

Your Joining Date will be in 28<sup>th</sup> January 2019. You will be given an additional support and facilities as and when required.

You are required to bring copy of the following

1. Latest passport size 2 photograph.
2. College Identity Card
3. Aadhar Card
4. PAN Card
5. Residence proof (Electric Bill ,Rent Agreement)

Non- acceptance before the stipulated date shall make this offer redundant automatically.  
Our Detailed letter containing terms and condition will be given to you when you join.  
Please return the enclosed copy duly signed as a token of your acceptance of the letter.

**From**

**Maestro Intellect Pune**



3rd floor, Above Jijamata bank, Karve Nagar, Pune, Maharashtra 411052  
Unity Gold Complex Deccan Pune

Contact No. : 7517653975 | Email : hr@maestrointellect.com | Website : www.maestrointellect.com

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF HOME LOANS OF HDFC & PANJAB  
NATIONAL BANK WITH SPECIFIC REFERENCE TO AMRAVATI  
CITY”**

Submitted by

Yash D. Kattyari

Vinita M. Khiyani

Swapnil S. Nagapure

Ansu R. Kushwah

Sharayu V. Jagtap

Sheetal R. Meghani

A. S. Katolkar

P. P. Damble

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



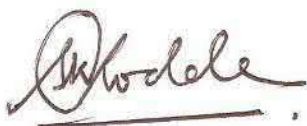
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-19**

## CERTIFICATE

This is to certify that Yash D. Kattyari, Vinita Khiyani, Swapnil S. Nagapure, Ansu R. Kushwah, Sharayu V. Jagtap, Sheetal R. Meghani, A. S. Katolkar, P. P. Dambale of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF HOME LOANS OF HDFC & PUNJAB NATIONAL 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**



A  
PROJECT REPORT  
ON  
“A STUDY OF QUALITY OF WORK LIFE IN KHAMGAON URBAN  
CO-OPERATIVE BANK WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”

Submitted by

YOGESH D. LAVHALE

RUPEJA SNEHA RAJESH

RAJENDRAGODHWANI DEEPIKA MUKESH

KALOKAR MRUNMAYEE R.

AHUJA TAHALRAM VIJAY

TELKHADE SHRUTIKA

GUPTA SHIVANI MANOJ

CHHUTLANI DEEPALI JAGDISH

Under the guidance of

Dr.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**

**2018-19**

## CERTIFICATE

This is to certify that Yogesh D. Lavhale, Vijay T. Ahuja, Shrutika R. Telkhade, Deepika M. Godhwani, Shivani M. Gupta, Mrunmayee R. Kalokar, Deepali J. Chhutlani, Sneha R. Rupeja of class B.COM III has worked under my guidance to prepare this project report entitled “A STUDY OF QUALITY OF WORK LIFE IN KHAMGAON URBAN CO-OPERATIVE 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

**A**  
**PROJECT REPORT**  
**ON**  
**“A COMPARATIVE STUDY OF ONLINE SERVICES OF ICICI & SBI**  
**WITH SPECIFIC REFERENCE TO AMRAVATI CITY”**

**Submitted by**

JAMNAGARWALA SAKINA SHABBIR  
HARWANI SHUBAM RAJKUMAR  
WANKHADE APARNA CHANDRABAN  
DHAWALE VAISHNAVI VINOD

VIDHANI SHEFALI MOHANKUMAR  
GAGLANI NIKHIL PREMKUMAR  
GUPTA ANKITA OMPRAKASH  
DARJI RUTWIK RAMESHBHAI

**Under the guidance of**

**Dr.S.K.Rodde**

**In partial fulfillment of the award of degree of**

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



**Affiliated to**

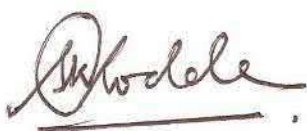
**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-19**



## CERTIFICATE

This is to certify that Sakina S. Jamnagarwala, S. M. Vidhani, S. R. Harwani, N. P. Gaglani, A. C. Wankhade, A. O. Gupta, V. V. Dhawale, R. R. Darji of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF ONLINE SERVICES OF ICICI & 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
**“A STUDY OF WORKING CONDITIONS OF WOMEN EMPLOYEES  
IN LIC OF INDIA WITH SPECIFIC REFERENCE TO AMRAVATI  
CITY”**

Submitted by

THAKARE ANIKET ASHOKRAO  
ZAMNANI NISHA RAJKUMAR  
MORWANI SAHIL VASUDEV  
CHHABADA MOHIT KISHOR

BUDHWANI ROHIT HARISH  
WADHANI NIKHIL PRALHAD  
KHATRI NILESH JAIPRAKESH  
LOKHADE POOJA ASHOKRAP

Under the guidance of

Dr.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**

**2018-19**

# CERTIFICATE

This is to certify that A.A. Thakare, N. R. Zamnani, S.V. Morwani, M. K. Chhabada, R. H. Budhwani, N. P. Wadhwani, N. J. Khatri, P. A. Lokhande of class B.COM III has worked under my guidance to prepare this project report entitled “**A STUDY OF WORKING CONDITIONS OF WOMEN EMPLOYEES IN LIC OF INDIA 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**



A  
PROJECT REPORT  
ON  
“A COMPARATIVE STUDY OF ONLINE SERVICES OF HDFC & SBI  
WITH SPECIFIC REFERENCE TO AMRAVATI CITY”

Submitted by

DONGARE MAYURI SOMESHWARRAO  
TARDEJA ROSHANI HARISH  
FOTANI PALASH ANILRAO  
RAJURKAR MAYURI PRAKASHRAO

KHATRI SAKSHI PRADEEP  
UDASI AKASH ASHOKKUMAR  
GULHANE AARTI SATISHRAO  
KUCHE PALASH ANILRAO

Under the guidance of

Dr.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**

**2018-19**

## **CERTIFICATE**

This is to certify that Mayuri S. Dongare, Sakshi P Khatri, Roshani H. Tardeja, Akash A. Udasi, Palash A. Fotani, Aarti S. Gulhane, Mayuri P. Rajurkar, Palash A. Kuche of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF ONLINE SERVICES OF HDFC & 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON

**“A COMPARATIVE STUDY OF CONVENTIONAL & ULIP OF SBI WITH  
SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

WAIKAR RITESH KISHOR  
NAGWANI NEHA DILIPKUMAR  
AMBARTE VAISHNAVI ANIL  
KUKREJA SAKSHI SUDDHIR

MENGANI KOMAL PRAKASH  
CHUUTLANI SACHIN SHYAM  
GUPTA NAINA RAMDAS  
TARDEJA SIMRAN ANILKUMAR

Under the guidance of

**Dr.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**

**2018-19**



## CERTIFICATE

This is to certify that R. K. Waikar, K. P. Menghani, N. D. Nagwani, S.S. Chhutlani, V.A. Ambarte, N.R. Gupta, S S. Kukreja, S A. Tardeja of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF CONVENTIONAL & ULIP OF 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.



**Dr.S.K.Rodde**

(Guided by)



**Dr.S.B.Kadu**

(Head of Department)



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
“A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF HDFC  
& BANK OF INDIA WITH SPECIFIC REFERENCE TO AMRAVATI  
CITY”

Submitted by

POPLI PRIYANKA MANOHARLAL  
GUPTA SHIVANI GULABCHAND  
JAISINGHANI DISHA MANOHAR  
CHHABLANI NEEYATI RAMESHLAL

SAHU SHRADDHA SHANKAR  
SAHU ABHAY VIJAY  
DAHIGAONKAR VANSHIKA GANESHRAO  
BASANTWANI SHUBHANGI MANOHARLAL

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

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**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



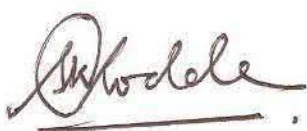
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-19**

## **CERTIFICATE**

This is to certify that **Priya M. Popli, Shraddha S. Sahu, Shivani G. Gupta, Abhay V. Sahu, Disha M. Jaisinghani,, Vanshika G. Dahigaonkar, Neeyati R. Chhablani, Shubhangi M. Basantwani** of class B.COM III has worked under my guidance to prepare this project report entitled “**A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF HDFC BANK & BANK OF INDIA 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**



A  
PROJECT REPORT  
ON  
**“A STUDY OF MARKET POTENTIAL OF MACDONALD PIZZA WITH  
SPECIFIC REFERENCE TO AMRAVATI CITY”**

Submitted by

AHUJA BHARTI SHANKAR  
KATARIYA PALAK KUMAR  
AHUJA YASHIKA SHANKAR  
SAWARKAR SHRADDHA SANJAY

KUKARIYA PAYAL VIJAY  
CHAWLA NAMITA SANJA  
KATARIA MUSKAN ANILKUMAR  
BAJAJ BHARIKA SURESH

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



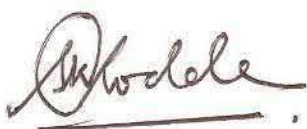
Affiliated to

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-19**

## CERTIFICATE

This is to certify that Bharti S. Ahuja, Payal V. Kukreja, Palak Katariya, Namita S. Chawla, Yashika S. Ahuja, Muskan A. Katariya, Shraddha S. Sawarkar, Bharika S. Bajaj of class B.COM III has worked under my guidance to prepare this project report entitled “A STUDY OF MARKET POTENTIAL OF MACDONALD PIZZA 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
“A STUDY OF EMPLOYEES WELFARE SERVICES IN GOVERNMENT  
POLYTECHNIC COLLEGE OF AMRAVATI”

Submitted by

MALEKAR POURNIMA RAJESH

KATARIYA SAKSHI RAMCHAND

MANOJA SHALINI RAJKUMAR

MANOJA HARSHA LAXMANDAS

KHATRI RITIKA RAJKUMAR

SAWLANI SANJANA SUNIL

CHHATWANI HARSHITA AJAYKUMAR

HARWANI MUSKAN KISHOR

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



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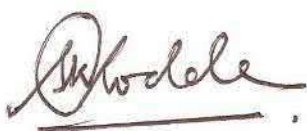
**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

2018-19



## CERTIFICATE

This is to certify that Pounima R. Malekar, Sakshi R. Katariya, Shalini R. Manoja, Harsha L. Manoja, Ritika R. Khatri, Sanjana S. Sawlani, Harshita A. Chhatwani, Muskan K. Harwani of class B.COM III has worked under my guidance to prepare this project report entitled “A STUDY OF EMPLOYEES WELFARE SERVICES IN GOVERNMENT POLYTECHNIC OF 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF RETAIL BANKING SERVICES OF  
HDFC BANK & BANK OF MAHARASHTRA WITH SPECIFIC  
REFERENCE TO AMRAVATI CITY”**

Submitted by

KATARIA SAILESH AJAY  
SAHU MANASI SANTOSH  
RAUL SURBHEE PRAVIN  
UTTARADHI PRAGATI DEEPAK

SHARMA MONIKA NANDGOPAL  
BAWANE AACHAL JANARDHAN  
CHAUHAN POOJA SUDHARSHAN  
KINGER SHANTI OMPRAKASH

Under the guidance of

**Dr.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**

**2018-19**

## CERTIFICATE

This is to certify that Shailesh A. Katariya, Monika N. Sharma, Manasi S. Sahu, Aachal J. Bawane, Surbhee P. Raul, Pooja S. Chauhan, Pragati D. Uttaradi, Shanti O. Kinger of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF RETAIL BANKING SERVICES OF HDFC & BANK OF MAHARASHTRA 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**



A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF HDFC  
BANK & BANK OF MAHARASHTRA WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”**

Submitted by

HARWANI PRIYA DILIPKUMAR  
VERMA SALONI PRADEEP  
LANDGE KAJAL SURESH  
AWATADE PIYUSH PRAKASHRAO

RAJANI KOMAL ASHOK  
SAWRA TWINKLE MOHAN  
THAKARE BHARATI KIRANRAO  
AGRAWAL GUNJAN SACHIN

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

**BACHELOR OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**



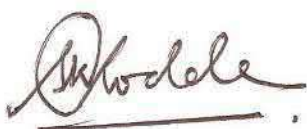
Affiliated to

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**2018-19**

## CERTIFICATE

This is to certify that Priya D. Harwani, Komal A. Rajani, Saloni P. Verma, Twinkle M. Sawra, Kajal S. Landge, Bharati K. Thakare, Piyush P. Awatade, Gunjan S. Agrawal of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF HDFC BANK & BANK OF MAHARASHTRA 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
“A STUDY OF EFFECTS OF TRAINING PROGRAMMES OF BANK OF  
INDIA ON ITS EMPLOYEES WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”

Submitted by

PAWAR MAHIMA ANILSINGH  
GUNDIYAL PRIYANKA SUDHIR  
SHAH FIRDOS ISMAIL  
KALE JANHVI SANJAY

SANONE VAISHNAVI WASUDEV  
MUCHLAMBE VAISHNAVI GAJANAN  
DIPTE BHAVAN SATISHRAO  
DESHMUKH RUPAM RAVIDATTA

Under the guidance of

Dr.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**

**2018-19**



## CERTIFICATE

This is to certify that Mahima A. Pawar, Vaishani W. Sonone, Priyanka S. Ghundiyal, Vaishnavi G. Muchlame, Firdos I. Shah, Bhavana S. Dipte, Janhavi S. Kale, Rupam R. Deshmukh of class B.COM III has worked under my guidance to prepare this project report entitled “A STUDY OF EFFECTS OF TRAINING PROGRAMMES OF BANK OF INDIA ON ITS EMPLOYEES 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
“A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF ICICI  
AND BANK OF MAHARASHTRA WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”

Submitted by

SHEIKH AAKIF-UR-REHMAN  
BHAGWAT MRUNAL VILAS  
JESANI GAURI DEEPAK  
WALECHA FALGUNI LALCHAND

KALE VAISHNAVI RAJU  
DESHMUKH SRUSHTI SHYAM  
TABHANE NISHA MOHANRAO  
NEBHANANI AMAN JAIKUMAR

Under the guidance of

Dr.S.K.Rodde

In partial fulfillment of the award of degree of

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**Affiliated to**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**2018-19**

# CERTIFICATE

This is to certify that Shaikh Aakif, Mrunal V. Bhagwat, Gauri D. Jesani, Falguni L. Walecha, Vaishnavi R. Kale, Srushtri S. Deshmukh, Nisha M. Tabhane, Aman J. Nebhani of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF PERSONAL LOAN SCHEMES OF ICICI & BANK OF MAHARASHTRA 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.



**Dr.S.K.Rodde**

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**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**



A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF HOME LOANS OF PRIVATE BANKS &  
NATIONALIZED BANKS WITH SPECIFIC REFERENCE TO  
AMRAVATI CITY”**

Submitted by

HARWANI KANCHI NARESHKUMAR  
KHANDAR SANSKRUTI PRAVIN  
AHUJA HITESH PREMKUMAR  
BASANTWANI BHARAT BAKSHARAM

DESHMUKH PRANJAL SANTOSHRAO  
TELKAR RUTUJA VIJAY  
PINJANI AKSAH JAMIYAT  
BAJAJ LOVELEEN SURESH

Under the guidance of

**Dr.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**

**2018-19**

## CERTIFICATE

This is to certify that Kanchi N. Harwani, Pranjal S. Deshmukh, Sanskruti P. Khandar, Rutuja V. Telkar, Hitesh P. Ahuja, Akash J. Pinjani, Bharat B. Basantwani, Loveleen S. Bajaj of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF HOME LOANS OF PRIVATE BANKS & NATIONLIZED BANKS 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.



**Dr.S.K.Rodde**

(Guided by)



**Dr.S.B.Kadu**

(Head of Department)



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

A  
PROJECT REPORT  
ON  
**“A COMPARATIVE STUDY OF ULIP FOR CHILDREN HDFC  
STANDARD & BAJAJ ALLIANZ WITH SPECIFIC REFERENCE  
TO AMRAVATI CITY”**

Submitted by

DARA MUSKAN MANGAT  
SHADI MANGESH ANIL  
PARECHA NICKY SANJAY

BAGHEL NAINA GOPALSINGH  
SHARMA HITESH MAHESH  
JAJODIA YASHODHAN MOHAN

Under the guidance of

**Dr.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**

**2018-19**



# CERTIFICATE

This is to certify that Muskan M. Dara, Naina G. Baghel, Mangesh A. Shadi, Hitesh M. Shrma, Nickey S. Prarecha, Yashodhan M. Jajodia of class B.COM III has worked under my guidance to prepare this project report entitled “A COMPARATIVE STUDY OF ULIP FOR CHILDREN OF HDFC STANDARD & BAJAJ ALLIANZ 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.



**Dr.S.K.Rodde**

**(Guided by)**



**Dr.S.B.Kadu**

**(Head of Department)**



**DEPARTMENT OF COMMERCE**

**VIDYA BHARATI MAHAVIDYALAYA, AMARAVATI**

**2018-2019**

# YIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

## Environmental Studies



### CERTIFICATE

This is to certify that,

Shri/Ku Aarti Rajesh Gaikwad

Roll. No. \_\_\_\_\_ studying in the class Bcom I<sup>nd</sup> during academic session 2018-2019 of this institute. He/She has completed Project Work based on the Syllabus and givep satisfactory account of it in this project.

Date: 25-03-2019

  
Signature of the Incharge

  
Head of the Department

PROJECT REPORT

ON

Chikhaldara forest Ecosystem

= SUBMITTED BY =

Ku. Asati Rajesh Gaikwad

= GUIDED BY =

MR. VIKRANT D.BUTE

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

2018-2019



PROJECT REPORT

ON

Wadali Lake Ecosystem

= SUBMITTED BY =

ANUJ ANAND FANTE

= GUIDED BY =

MR. VIKRANT D. BUTE

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

2018-2019

# YIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

## Environmental Studies



### CERTIFICATE

This is to certify that,

Shri/Ku ANUJ ANAND TAMTE

Roll. No. \_\_\_\_\_ studying in the class B.COM II (Sem IV) during academic session 2018-2019 of this institute. He/She has completed Project Work based on the Syllabus and givep satisfactory account of it in this project.

Date: 25/03/2019

  
Signature of the Incharge

  
Head of the Department

PROJECT REPORT

ON

Wadali Lake Ecosystem.

= SUBMITTED BY =

ANUJ ANAND TAMTE

= GUIDED BY =

MR. VIKRANT D. BUTE

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

2018-2019



PROJECT REPORT

ON

Wadali Lake Ecosystem.

= SUBMITTED BY =

ANUJ ANAND FANTE

= GUIDED BY =

MR. VIKRANT D. BUTE

VIDYA BHARATI MAHAVIDYALAYA, CAMP, AMRAVATI

2018-2019