

## CERTIFICATE

This is to certify that **Mr. Kadam Rohan Tanajirao**, studying in M. Sc. Second Year Botany in N. E. S. Science College Nanded, has completed the project entitled, **“INCIDENCE OF FUNGAL DISEASES OF SOME ORNAMENTAL PLANTS CULTIVATED IN NANDED”**, Under my guidance as per rules and regulation of the university.

All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.

  
Dr. B. D. Gachande

Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Department of Botany  
N.E.S. Science College, Nanded

  
Dr. D. U. Gawai

Principal

Department of Botany  
PRINCIPAL  
N. E. S. Science College, Nanded



Nanded Education Society's  
Science College, Nanded.



(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.)

Reaccredited with 'A' grade by NAAC, (Nov, 2017), (CGPA Score 3.38) | Best College Award 2018 by University |

## CERTIFICATE

This is to be certified that, *Kautkar Sujata Eknath* studying in M.Sc 2<sup>nd</sup> Yr Botany in N.E.S. Science College, Nanded. She has completed the project entitled "Incidence of Bacterial Diseases of Common Vegetables" under my guidance as per the rules & content in the project is based on the work done by the student. She is permitted to submit this report.

Project Guide

Head of Dept. Of Botany

Professor and Head

Dept. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Principal

N.E.S. Science College, Nanded.

— PRINCIPAL

N E S Science College, Nanded.

## CERTIFICATE

This is to certify that **Mr. Kadam Rohan Tanajirao**, studying in M. Sc. Second Year Botany in N. E. S. Science College Nanded, has completed the project entitled, **“INCIDENCE OF FUNGAL DISEASES OF SOME ORNAMENTAL PLANTS CULTIVATED IN NANDED”**, Under my guidance as per rules and regulation of the university.

All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same tittle.

  
Dr. B. D. Gachande

Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Department of Botany

N.E.S. Science College, Nanded

  
Dr. D. U. Gawai

Principal

Department of Botany

PRINCIPAL  
N. E. S. Science College, Nanded



# Certificate

This is to certify that Project entitled "INCIDENCE OF SOME MEDICINAL PLANT DISEASES OF SCIENCE COLLEGE NANDED CAMPUS" has been carried out by **Tamseel Fatema Shaikh Ziyaul Haq** for the award of degree of Master of Science (M.Sc) in Botany at N.E.S Science college Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

**Place:-Nanded.**

**Date:-**

  
**Dr. B. D. Gachande.**

H.O.D.

Department of Botany.

**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
**Dr. D. U. Gawai**

Project Guide & Principal

N.E.S Science College ,Nanded



### CERTIFICATE

This is to certify that the dissertation entitled **Studies on Symptoms and Causal Organisms of diseases of Oil Seed Crops** is an authentic record of the original project work and it has not been submitted for the award of any degree or diploma of this or any other university by **Sanchi Shrirang Bodke**. This work was carried out in the Department of Botany, Microbiology and Biotechnology, NES Science College, Nanded under my supervision and guidance.

Hence certified

Place: Nanded

Date: 06/08/2021

**Dr. B.D. Gachande,**  
Professor & Head,

Department of Botany, Microbiology and Biotechnology,  
NES Science College, Nanded

**Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded**

PRINCIPAL

N.E.S. Science College, Nanded



## CERTIFICATE

This is to certify that project entitled " Important Fungal Diseases of Cereals" has been carried out by Miss. Swapnaja Madhavrao Bhosale for the award of degree of Master of Science (M.SC.) in Botany at N.E.S. Science College, Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place : Nanded

Date : 05 / 08 / 2021



Dr. D. U. Gawai

Principal

N.E.S. Science College,

**PRINCIPAL**

Science College, Nanded



Dr. B. D. Gachande

Project Guide and H.O.D.

Department of Botany

**Professor and Head**

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

# CERTIFICATE

This is to certify that Project entitled "SEED BORNE FUNGI OF LEGUMINOSAE" has been carried out by MISS BHAVARE PRIYANKA BHARAT for the award of degree of Master of Science (M. Sc.) in Botany at N. E. S. Science College, Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place: - Nanded

Date:- 07/08/21



**Dr. D. U. Gawai**  
Principal

N. E. S. Science College, Nanded

N. E. S. Science College, Nanded  
Professor and Head

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



**Dr. B.D. GACHANDE**

H.O.D.

Department of Botany,

N. E. S. Science College, Nanded

Professor and Head

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



**Dr. B.D. GACHANDE**

Project Guide

Department of Botany,

N. E. S. Science College, Nanded

## Certificate

This is certify that the thesis entitled, "Isolation and Identification of seed borne fungi of vegetables". Is an authentic record of the original research work and it has not been submitted for any diploma or degree of this or any other university by Miss. **Nikita Pandurang Zarikar**. The work was carried out in Department of botany, N.E.S. science college Nanded under my supervision and guidance.

Hence certified.

Place: Nanded

Date : 06/08/21

  
**Dr. B. D. Gachande**

M.Sc., Ph.D., B.Ed., D.M.L.T., SET


Professor and Head,

Department of Botany, Microbiology & Biotechnology

N.E.S. Science College, Nanded

**Professor and Head**

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
**Principal**

PRINCIPAL

N. E. S. Science College, Nanded.





Nanded Education Society's  
Science College, Nanded.



(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.)

Reaccredited with 'A' grade by NAAC, (Nov. 2017), (ICGPA Score 3.38) | Best College Award 2018 by University |

## CERTIFICATE

This is to be certified that, **Birajdar Sandhya Shankarrao** studying in M.Sc 2<sup>nd</sup> Yr Botany in N.E.S. Science College, Nanded. She has completed the project entitled "**Medicinal Plants Used in Maharashtra**" under my guidance as per the rules & content in the project is based on the work done by the student. She is permitted to submit this report.

Project Guide

**Prof. Dr. B.D. Gachande**

Head of Dept. Of Botany

Professor and Head

Deptt. of Botany, Microbiology and Biotechnology

**N.E.S. Science College, Nanded**

Head of P.G. Department of Botany.

N.E.S. Science College, Nanded

2020 - 2021

Principal

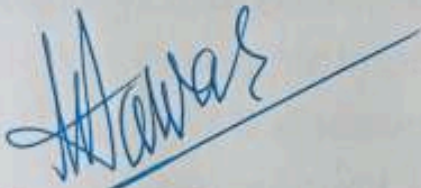
N.E.S. Science College, Nanded.

PRINCIPAL

N. E. S. Science College, Nanded.

# CERTIFICATE

This Is Certify That the Desertion Entitled "**FUNGAL DISEASES OF PULSES**" Submitted By Miss **SHUBHANGI VISHWANATH BUDDHE** for the award of degree of master science (MSc) This a Record of Bonafide Work Carried Out by Her Under My Guidance & Supervision At P.G Department Of Botany Science College Nanded The Research Work Carried Out By **Miss SHUBHANGI VISHWANATH BUDDHE** Its Original & Has Not Been Submitted For Other Degree Of This Other University



PRINCIPAL

**DR.D.U.GAWAL.**

Department Of Botany,  
N.E.S Science College, Nanded

**PRINCIPAL**  
**Science College, Nanded**



GUIDE

**Prof.B.D.GACHANDE**

Department Of Botany,  
N.E.S Science College, Nanded

**Professor and Head**  
**Deptt.of Botany, Microbiology and Biotechnology**  
**N.E.S. Science College, Nanded**



# CERTIFICATE

This is to certify that Project entitled "SEED BORNE FUNGI OF LEGUMINOSAE" has been carried out by **MISS BHAVARE PRIYANKA BHARAT** for the award of degree of Master of Science (M. Sc.) in Botany at N. E. S. Science College, Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place: - Nanded

Date:- 07/08/21



**Dr. D. U. Gawai**  
Principal

N. E. S. Science College, Nanded

Dept. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Professor and Head



**Dr. B.D. GANCHANDE**

H.O.D.

Department of Botany,

N. E. S. Science College, Nanded

Professor and Head

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



**Dr. B.D. GACHANDE**

Project Guide

Department of Botany,

N. E. S. Science College, Nanded





Nanded Education Society's  
**Science College, Nanded.**



(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.)

Reaccredited with 'A' grade by NAAC, (Nov. 2017), (CGPA Score 3.38) | Best College Award 2018 by University |

## CERTIFICATE

This is to be certified that, **PATNE YOGESHWARI SHIVAJI** studying in M.Sc. Ilyr-BOTANY in N.E.S. Science College, Nanded. She has completed the project entitled "Genus phytophthora (case study)" under my guidance as per the rules & content in the project is based on the work done by the student. She is permitted to submit this report.

Project Guide

Head of Dept. of Botany

**Professor and Head**

**Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded**

Principal

N.E.S. Science college Nanded.

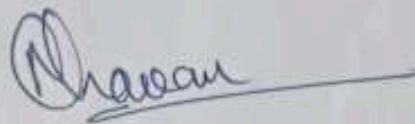
# Certificate

This is to certify that Project entitled "TO STUDY MEDICINAL PROPERTIES OF HENNA PLANT" has been carried out by **Ummulhair Fatema D/O Mohammed Shafiuddin** for the award of degree of Master of Science (M.Sc) in Botany at N.E.S Science college Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place:-Nanded.

Date:-


  
**Dr. B. D. Gachande.**

  
**Dr. V. Chavan**

Project Guide

Department of Botany

H.O.D  
Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded  
Department of Botany.

  
**Dr. D. U. Gawai**

Principal

N.E.S Science College, Nanded



## CERTIFICATE

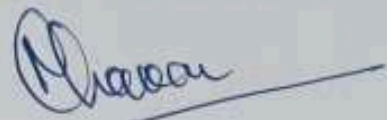
This is certify that the desertion entitled "Studies on fungal leaf spot diseases of oil seed crop plants". Submitted by **Miss Shital Hanamantrao Bhusse** for the award of degree of master of science (M.Sc.) in the Botany under the faculty of science to the **N.E.S. Science college Nanded**. This a record of bonafide work carried out by her under my guidance and supervision at **P.G. Department of Botany, Science College Nanded**. The research work carried out by **Miss Shital Hanamantrao Bhusse** its Original & has not been submitted for other degree of this other University.



Principal

**Dr. D. U. Gawaii**

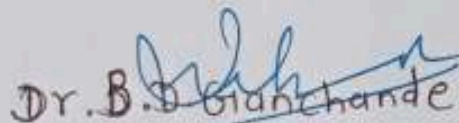
Department of Botany  
N.E.S. science College



Guide

**Dr. V. B. Chavan**

Department of Botany  
N.E.S Science College, Nanded



**Dr. B. S. Bhanichande**

Head department of Botany  
N.E.S science college, Nanded.

**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

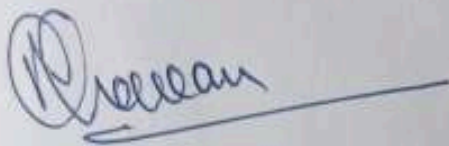


# CERTIFICATE

This is to certify that project "The Effect of Fungicides on the growth of seed Groundnut, has been carried out by Ganga vijaykumar Nagshettiwar for the award of degree of master of science (M.Sc) in Botany at N.E.S. Science College, Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place: Nanded

Date: 6/08/2021



Dr. V.B. Chawhan

Project Guide

ASST. Professor N.E.S. Science College Nanded

**Professor and Head**

Dept. of Botany, Microbiology and Biotechnology

N.E.S. Science College, Nanded



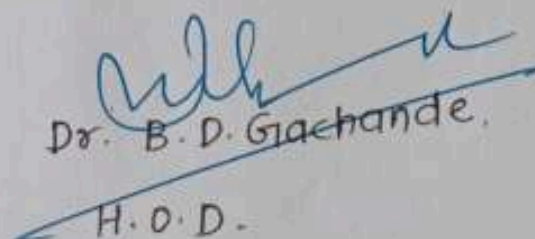
Dr. D.U. Gawai

Principal

N.E.S. Science College, Nanded

**PRINCIPAL**

N.E.S. Science College, Nanded



Dr. B.D. Gachande,

H.O.D.

Department of Botany.

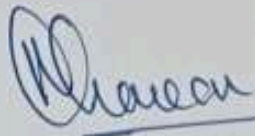
# CERTIFICATE

This is to certify that project entitled "*Fusarial wilt of cotton and it's management strategies in Nanded*" has been carried out by Miss. Sovle vaibhavi udaykumar. For the award of degree of Master of Science [M.Sc.] in botany at N.E.S. Science College, Nanded for the academic year 2020-2021. The research work carried out by him is original and has not been submitted for any other degree of this or other university.

Place: - Nanded

Date: -

  
Dr. B.D. Gachande  
H.O.D.

  
Dr.V.B. Chavan  
Project Guide

Department Of Botany.

Professor and Head

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Department of  
Botany.

  
Dr. D.U. Gawai

Principal <sup>PRINCIPAL</sup>  
N.E.S. Science College, Nanded.  
N.E.S. Science college, Nanded.

## CERTIFICATE

This is certify that the dissertation entitled "Effect of Aqueous Leaf Extract Of *Ocimum tenuiflorum* on Ethnomedicinal Plant From Kinwat Forest on Seed Germination". Submitted by Ms. GOKHALE SUKESHANI MILIND for the award of degree of master of science ( M.Sc) in Botany under the faculty of science to the N. E. S. Science College, Nanded. This is arecord of Bonafide work carried out him under my guidance & supervision at P. G. Department of Botany science college, Nanded.



D. U. GAWAI SIR

PRINCIPAL  
N.E.S. SCIENCE COLLEGE  
NANDED



Professor and Head  
of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



## # Certificate :

This is to certify that the project entitled " isolation and identification of endophytic fungi from Ricinus Communis Linn. And their antibacterial activity". Is an authentic record of the original research work and it has not been submitted for any diploma or degree of this or any other University by Miss. Khandre Seema suresh. This work was carried out in department of Botany, N.E.S. Science college Nanded under my supervision and guidance.

Hence certified.

Place : Nanded

Date: 21/6/21

Dr. Roopa v. Sangvikar

Professor.

Department of Botany,

N.E.S. Science College Nanded.

Dr. B. D. Gaehande.  
H.O.D.

Department of Botany

Professor and Head

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Dr. D. U. Gawai

Principal

N.E.S. Science college,  
Nanded.

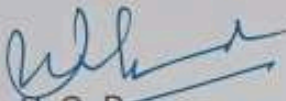
- PRINCIPAL

N E S Science College, Nanded

CERTIFICATE

This is to certify that entitled, "Isolation and identification of fungi from spices and medicinal plants" is an authentic record of the original research work and it has not been submitted for any diploma or degree of this or any other university by Miss. Kadam Deepa Ekanath. This work was carried out in Department of Botany, N. E. S. Science college, Nanded under my supervision and guidance.

Hence certified.

  
H. O. D  
Dr. B. D. Gachande  
Dr. D. D. Gawaj Head of


Department

Department of botany. Science

College Nanded  
**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Place: Nanded

Date: 10/07/2021

  
Guide  
Dr. Roopa. V. Sangvikar  
Department of botany, microbiology  
and biotechnologyscience College  
Nanded

Dr. D. D. Gawaj  
  
— PRINCIPAL  
N. E. S. Science College, Nanded

## CERTIFICATE

This is to certify that project entitled " ISOLATION & IDENTIFICATION OF RHIZOSPHERE FUNGI OF SUGARCANE " has been carried out by NAIK VISHAKHA for the award of degree of Master of Science (M.Sc.) in Botany at N.E. S. Science College Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place : Nanded

Date 6 / 08 / 2021

  
Dr. B.D. Gachande

H.O.D.

Professor and Head  
Department of Botany  
of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
Dr. Roopa V. Sangvikar

Project Guide

Department of botany,

  
Dr. D.U. Gawai

Principal

N.E. S. Science College, Nanded  
- PRINCIPAL

N E S Science College, Nanded



## CERTIFICATE

This is to certify that, **Khandare Megha Deepak** studying in (M.Sc 2<sup>nd</sup> year Botany) in N.E.S.Science College, Nanded. She has completed the project entitled "**Isolation and Identification of Endophytic Fungi from Artemisia Scoparia(Asteraceae)**" under my guidance as per the rules & content in the project is based on the work done by the student. She is permitted to submit this report.

  
**Dr. B.D.Gachande**

H.O.D

Department of Botany  
Professor and Head

Deptt.of Botany, Microbiology and Biotechnology  
N.E.S.Science College, Nanded

  
**Dr. Roopa V. Sangvikar**

Project Guide

Department of Botany

  
**Dr. D.U.Gawai**

PRINCIPAL  
Principal  
N.E.S. Science College, Nanded

N.E.S.Science College, Nanded.

# CERTIFICATE

This is to certify that the Dissertation entitled "A Review on Diversity of wild edible plants used as vegetable from Maharashtra State" Submitted by **Miss. Shubhangi Bhaskarrao Pole** for the award of degree of master of science (m.sc) in botany under the faculty of science to the N.ES Science College, Nanded This a record of bonafide work carried out by him under my guidance & supervision at PG. Department or Botany Science College. Nanded, the research work carried out by her is original & has not been submitted for my other degree of this or other university.



**Principal**

Dr. D.U. Gawai

NES. Science College Nanded

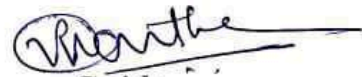


**HOD**

Dr. B. D. Gachande  
Department of Botany  
N.E.S. Science College,  
Nanded.

**Professor and Head**

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



**Guide**

Prof. Dr. V. R. Marathe  
Department of Botany  
N.E.S Science College  
Nanded.

# CERTIFICATE

This is to certify that project entitled " documentation of medicinal plants in Maharashtra" has been carried out by mss vaishnavi Balaji ambhore for the award of degree of master of science ( msc lInd year) in botany at N.E. S. SCIENCE COLLEGE NANDED fo the academic year 2020-21. The research work carried out by her is original and has not been submitted for any other degree of this or other University

Place- nanded

Date-

  
Dr. B. D. Gachande.

H O D

Department of botany.

  
Dr. Vishal R Marathe

project guides

Department of botany

**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
Dr. D. U. Gawai

Principal





# CERTIFICATE

This is to certify that Project entitled "**Documentation of Ornamental Plant In Nanded**" has been carried out by **Mr. Shivraj Datta Toshatwad** for the award of degree of Master of Science (M.Sc.) in Botany at N E S Science College Nanded for the academic year 2020-2021. The research work carried out by him is original and has not been submitted for any other degree of this or other university.


**Place :- Nanded**

**Date :-**

  
**Dr. B.D. Gachande**  
H.O.D.  
Department of Botany.

  
**Dr. Vishal R. Marathe**  
Project Guide  
Department of Botany

**Professor and Head**  
**Deptt. of Botany, Microbiology and Biotechnology**  
**N.E.S. Science College, Nanded**

  
**Dr. D.U. Gawai**  
Principal  
N.E.S Science College, Nanded

 **PRINCIPAL**  
**N. E S. Science College, Nanded**

# Certificate

This is to certify that Project entitled "A Review on Diversity of Medicinal Plants used in Respiratory Diseases from Maharashtra" has been carried out by **Sanober Aafreen D/o Mohammed Younus** for the award of degree of Master of Science (M.Sc) in Botany at N.E.S Science College Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place:- Nanded.

Date:-

  
Dr. B. D. Gachande.

  
Dr. Vishal R. Marathe

H.O.D.

Professor and Head

Dept. of Microbiology and Biotechnology  
Department of Botany,  
N.E.S. Science College, Nanded

Project Guide

Department of Botany

  
Dr. D. U. Gawai

Principal

N.E.S Science College, Nanded

# CERTIFICATE

This is to certify that project entitled "*Study of diversity Ornamental plants in basmathnagar*" has been carried out by *Miss.Aarti Balaji kale* for the award of degree of Master of Science (M.sc) in Botany at N.E.S Science College Nanded for the academic year 2020-2021. The research work carried out by her is original and has not been submitted for any other degree of this or other university.

Place : Nanded

Date:



Dr. B.D. Gachande

H.O.D

DEPARTMENT OF BOTANY

**Professor and Head**

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



Dr. Vishal.R. Marathe

project guide

DEPARTMENT OF BOTANY



Dr. D.U. Gawai

Principal

N.E.S science College, Nanded.

PRINCIPAL

N. E. S Science College, Nanded.



# CERTIFICATE

This is to be certified that, pawde Soni babarao studying in M.Sc 2<sup>nd</sup> Yr Botany in N.E.S. Science College, Nanded. She has completed the project entitled "diversity of medicinal plants used in skin diseases" under my guidance as per the rules & content in the project is based on the work done by the student. She is permitted to submit this report.

  
(Dr. V. R. Marathe)  
Project Guide

Asst. Professor of botany  
Science College Nanded

  
Principal

N.E.S. Science College, Nanded.

- PRINCIPAL

N E S Science College, Nanded



**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

# CERTIFICATE

This is to certify that Project entitled "Studies on Medicinal plants of Lamiaceae family" has been carried out by Ms. Sushma Ratnakar Haldekar for the award of degree of Master of Science (M. Sc.) in Botany at N. E. S. Science College, Nanded for the academic year 2021-2022. The research work carried out by him is original and has not been submitted for any other degree of this or other university.

Place: - Nanded

Date:-

  
Dr. B.D. Gachande  
H.O.D.

Department of Botany,  
N. E. S. Science College, Nanded  
**Professor and Head**  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded



Dr. D.M. Jadhav  
Project Guide  
Department of Botany,  
N. E. S. Science College, Nanded



Dr. D. U. Gawai  
Principal  
N. E. S. Science College, Nanded

PRINCIPAL  
N. E. S. Science College, Nanded

## CERTIFICATE

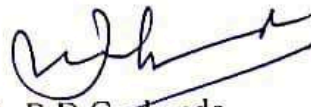
This is to certify that project entitled " HPTLC Studies on Ginger has been carried out by Mrs. Shaikh Umme Ruma Ikramoddin for the award of degree of Master of Science (M.Sc) in botany at N. E. S. Science College, Nanded for the academic year 2020-21. The research work carried out by her is original and has not been submitted for any other degree of his or other university.

Place : Nanded

Date -



Dr.D.U.Gawai  
Principal



Dr.B.D.Gachande  
Head of Department

Department of Botany  
**Professor and Head**

**Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded**



Dr.D.M.Jadhav  
Project Guide  
Department of Botany



## CERTIFICATE

This is to certify that the Dissertation entitled "Theretical Study on Mycorrhiza" Submitted by Mr. RAJESH PRAKASHRAO BHALERAO for the award of degree of Master Of Science ( M.sc.) in botany under the faculty of science to the N.E.S. Science College , Nanded This a record of bonafied work carried out by him under my guidance & supervision at P.G. Department Of Botany ,Science College, Nanded, The research work carried out by her is original & has not been submitted for my other degree of this or other university.



**Dr. D.U. Gawai**

Principal

N.E.S. Science College, Nanded  
*PRINCIPAL*

~~N.E.S. Science College, Nanded~~



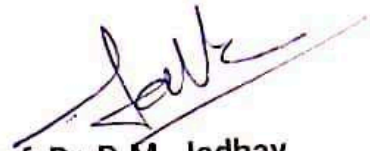
**Dr. B.D. Gachande**

H.O.D.

Department of Botany.  
Science College Nanded.

**Professor and Head**

Deptt. of Botany, Microbiology and Bintechnology  
N.E.S. Science College, Nanded



**Prof. Dr. D.M. Jadhav**

Guide

Department Of Botany  
Science College Nanded



Post Graduate Department of  
Botany  
N.E.S Science College, Nanded

## CERTIFICATE

This is to certify that, the present work in the form of project work entitled "REVIEW ON MUSHROOM FUNGI" has been Carried out by MISS.MOHINI PARMESHWAR SONKAMBLE ( M.Sc Final Year ) Successfully as a partial fulfillment for the degree of Master of Science in Botany of S.R.T.M. University, Nanded for the academic year 2020-2021.

Dr.D.U.Gawai

Principal

N.E.S Science College , Nanded  
(accredited with 'A' Grade by NACC)

Dr.B.D.GACHANDE

H.O.D

P.G Dept. Botany

**Professor and Head**

Deptt.of Botany, Microbiology and Biotechnology  
N.E.S.Science College, Nanded

Dr.D.M.JADHAV

Project Supervisor  
P.G Dept. Botany



# CERTIFICATE

This is to certify that the dissertation entitled "RUBIACEAE FAMILY" submitted by Ms. RATHOD VARSHA UTTAM for the award of degree of master of science (M.Sc.) in botany under the faculty of science to the N.E.S. SCIENCE COLLEGE NANDED. This is a record of bonafide work carried out by her under my guidance and supervision at P.G D epartment of botany, science college, nanded the research work carried out by her is original and has not been submitted for my other degree of this or other university.


  
Dr. D.U. Gawai  
Principal

N.E.S. Science College, Nanded  
PRINCIPAL  
N.E.S. Science College, Nanded

  
~~Dr. B.D. Gachande~~  
H.O.D

Department of botany  
N.E.S Science College Nanded

Professor and Head  
Department of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
Dr. D.M. Jadhav  
Guide  
Department of botany  
N.E.S Science college nanded



Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

Affiliated with Swami Ramanand Teerth Marathwad University, Nanded  
Re-accredited with "A" grade by NAAC



**CERTIFICATE**

*This is to certify that Mr. Manoj M. Gond, studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Schrodinger's Equations" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

Project Guide/Supervisor  
Mr. A. D. Nagargoje

Head  
Department of Mathematics  
NES Science College, Nanded

Principal  
Science College, Nanded  
**PRINCIPAL**

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**SCIENCE COLLEGE, NANDED**


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**CERTIFICATE**

*This is to certify that Mr. Wankhede Shital S., studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study of Different Methods to Solve Fractional Differential Equations and Its Applications" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. A. D. Nagargoje

  
Head  
Department of Mathematics  
Department of Mathematics

  
Principal  
Science College, Nanded

**PRINCIPAL**  
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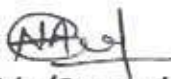
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**CERTIFICATE**

*This is to certify that Mr. , studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. A. D. Nagargoje

  
Head  
Department of Mathematics  
NES Science College, Nanded

  
Principal  
Science College, Nanded  
**PRINCIPAL**

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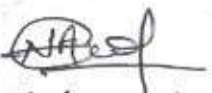
Affiliated with Swami Ramanand Teerth Marathwad University, Nanded  
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**CERTIFICATE**

*This is to certify that Mr. Pranati Sikandar punekar, studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Power series solutions to ordinary Differential Equations" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. A. D. Nagargoje

  
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Science College, Nanded  
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**CERTIFICATE**

*This is to certify that Mr. Shinde Shital Vijaykumar, studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study of fractional Derivatives and integrals" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

Project Guide/Supervisor  
Mr. A. D. Nagargoje

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Principal  
Science College, Nanded  
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**CERTIFICATE**

*This is to certify that Mr. DipaliShankarraoGavande, studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Laplace transform method for solving differential equations" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

**Project Guide/Supervisor**  
**Mr. A. D. Nagargoje**

**Head**  
**Department of Mathematics**  
N.E.S. Science College, Nanded

**Principal**  
**Science College, Nanded**  
**PRINCIPAL**

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**CERTIFICATE**

*This is to certify that Mr. SyedaAliya midhat, studying in M.Sc. Second Year Applied Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Fractional Differential Equations and its numerical solutions" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

Project Guide/Supervisor  
Mr. A. D. Nagargoje

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Principal  
Science College, Nanded  
**PRINCIPAL**

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**CERTIFICATE**

*This is to certify that Mr. Bolkekar Gajanan Baburao, studying in M.Sc. Second Year Computer Science in Nanded Education Society's Science College, Nanded has completed the project entitled "Online examination portal" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Jayprakash Duve

  
Head  
Department of Computer Science

  
Principal  
Science College, Nanded  
**PRINCIPAL**

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**CERTIFICATE**

*This is to certify that Mr. Kapure Asha Uttam, studying in M.Sc. Second Year Computer Science in Nanded Education Society's Science College, Nanded has completed the project entitled "Online examination portal" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Jayprakash Duve

  
Head  
Department of Computer Science

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded



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**SCIENCE COLLEGE, NANDED**

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**CERTIFICATE**

*This is to certify that Mr. Dhumale Priyanka Uttamrao, studying in M.Sc. Second Year Computer Science in Nanded Education Society's Science College, Nanded has completed the project entitled "Online examination portal" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Jayprakash Duve

  
Head  
Department of Computer Science

  
Principal  
Science College, Nanded  
**PRINCIPAL**

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**SCIENCE COLLEGE, NANDED**

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**CERTIFICATE**

*This is to certify that Mr. SHRADDHA SANJAY HARSULKAR, studying in M.Sc. Second Year Computer Science in Nanded Education Society's Science College, Nanded has completed the project entitled "FACE RECOGNITION(DIP)" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. Mohseena Thaseen

  
Head  
Department of Computer Science

  
Principal  
Science College, Nanded  
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**CERTIFICATE**

*This is to certify that Mr. SADAWARTE SUDHASVI TUKARAM, studying in M.Sc. Second Year Computer Science in Nanded Education Society's Science College, Nanded has completed the project entitled "FACE RECOGNITION(DIP)" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. Mohseena Thaseen

  
Head  
Department of Computer Science

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded



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**CERTIFICATE**

*This is to certify that Mr. Shital Dilip Salunke, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Bacterial Biofertilizers in industry" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded

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**SCIENCE COLLEGE, NANDED**


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**CERTIFICATE**

*This is to certify that Mr. Ajay Dattarao Kadam, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Bacterial Biofertilizers in industry" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**  
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Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

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**CERTIFICATE**

*This is to certify that Mr. Ajay Motising Parihar, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Traditional knowledge and patent issues: An overview of turmeric case" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**

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Science College, Nanded



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**CERTIFICATE**

*This is to certify that Mr. Kadam Priya, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Production, Purification and characterization of Pectinase from Agro-waste." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**  
Science College, Nanded

Department of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

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**CERTIFICATE**

*This is to certify that Mr. Mohite Rahul Rustamrao, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "A review on study of streptomycetes" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.  
Professor and Head

  
Principal  
Science College, Nanded  
**PRINCIPAL**  
Science College, Nanded

Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

Affiliated with Swami Ramanand Teerth Marathwad University, Nanded


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**CERTIFICATE**

*This is to certify that Mr. P. Narshima Reddy Navin Reddy, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Mycobacterium tuberculosis shows Multi Drug Resistance (MDR)" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. P. G. Paul

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
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Science College, Nanded



Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

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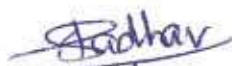
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**CERTIFICATE**

*This is to certify that Mr. Tushar Anand Choudante, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Actinomycetes: The antibiotic producer and their applications" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Sunil Jadhav

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded

Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

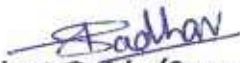
Affiliated with Swami Ramanand Teerth Marathwad University, Nanded  
Re-accredited with "A" grade by NAAC




**CERTIFICATE**

*This is to certify that Mr. Phulwale Nagmani Kishanrao, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Use of Ayurvedic crude Drugs in the cure of Covid-19" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Sunil Jadhav

  
Head  
Department of Botany, Microbiology &  
Biotech.  
Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
Principal  
Science College, Nanded  
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**SCIENCE COLLEGE, NANDED**

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**CERTIFICATE**

*This is to certify that Mr. Namrata Prakash Narwade, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Use of Ayurvedic crude Drugs in the cure of Covid-19" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Sunil Jadhav

  
Head  
Department of Botany, Microbiology &  
Biotech.  
Professor and Head

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded



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**SCIENCE COLLEGE, NANDED**

Affiliated with Swami Ramanand Teerth Marathwad University, Nanded


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**CERTIFICATE**

*This is to certify that Mr. Langdapure Tejaswini Subhashrao, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Fruit Bar: The need of the hour" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Sunil Jadhav

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
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**SCIENCE COLLEGE, NANDED**

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**CERTIFICATE**

*This is to certify that Mr. Shingankar Sujata Pandharinath, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Review on Microflora of Parthenium Hysterophores" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mr. Sunil Jadhav

  
Head  
Department of Botany, Microbiology &  
Biotech.

  
Principal  
Science College, Nanded  
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**SCIENCE COLLEGE, NANDED**


Affiliated with Swami Ramanand Teerth Marathwad University, Nanded  
Re-accredited with "A" grade by NAAC



**CERTIFICATE**

*This is to certify that Mr. Ankita Dilip Bhande, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Ginger (Zingiber officinale): A future outlook on its potential in prevention of aging and diabetes treatment." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mrs. Sayema Khamar

  
Head  
Department of Botany, Microbiology &  
Biotech.

Deptt. of Botany, Microbiology and Biotechnology  
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Principal  
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**CERTIFICATE**

*This is to certify that Mr. Mayuri Ramesh Rao Raut, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Ginger (Zingiber officinale): A future outlook on its potential in prevention of aging and diabetes treatment." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mrs. Sayema Khamar

  
Head  
Department of Botany, Microbiology &  
Biotech.

Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
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Principal  
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Nanded Education Society's  
**SCIENCE COLLEGE, NANDED**

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Re-accredited with "A" grade by NAAC




**CERTIFICATE**

*This is to certify that Mr. Mohammad Aslam Md. Jafar, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Glutan-degrading bacteria: availability and applications" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mrs. Sayema Khamar

  
Head  
Department of Botany, Microbiology &  
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Professor and Head  
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**CERTIFICATE**

*This is to certify that Mr. Pathak Kirtee Krushnarao, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Traditional knowledge and patent issues: An overview of turmeric case" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mrs. Sayema Khamar

  
Head  
Department of Botany, Microbiology &  
Biotech

  
Principal  
Science College, Nanded  
**PRINCIPAL**

Science College, Nanded



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**CERTIFICATE**

*This is to certify that Mr. Mandewad Susvita Shripatrao, studying in M.Sc. Second Year Microbiology in Nanded Education Society's Science College, Nanded has completed the project entitled "Glutan-degrading bacteria: availability and applications" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Mrs. Sayema Khamar

  
Head  
Department of Botany, Microbiology &  
Biotech.

Professor and Head  
Deptt. of Botany, Microbiology and Biotechnology  
N.E.S. Science College, Nanded

  
Principal  
Science College, Nanded  
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**CERTIFICATE**

*This is to certify that Mr. Amol Telange, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Some exercises in Fourier Series" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
Head  
Department of Mathematics

  
Principal  
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Science College, Nanded

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**CERTIFICATE**

*This is to certify that Mr. Ankush Pawde, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Solution of Lane-Emden equation by differential transform method." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
Head  
Department of Mathematics

  
Principal  
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**CERTIFICATE**

*This is to certify that Mr. Chakradhar Jadhav, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Fibonacci Sequences" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

Project Guide/Supervisor  
Dr. R. A. Muneshwar

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Science College, Nanded

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**CERTIFICATE**

*This is to certify that Mr. Dipali Chavan, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study of non-linear dynamical system & its Applications." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Durga Tale, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study Of Fractal and their Properties." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Harsha Kulkarni, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Mathematical Expectations and Generating Function" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Komal Waghmare, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Arbitrary Series & Infinite Product." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Pooja Fulari, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Heat Transfer by Radiation" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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Science College, Nanded



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**CERTIFICATE**

*This is to certify that Mr. Priya Panpatte, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study of Asymptotic Method" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Pooja Hingmire, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Fuzzy Set Theory & Its Applications" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Rohini Darewad, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Numerical Solution of Partial Differential Equations" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Samrat Kamble, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Fuzzy Graph Theory And Its Applications." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Sandhya Dhage, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study Of Properties of Wavelet Transform and Its Applications." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Shivnanda Somatwad, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Study of Programming and Numerical method an Matlab using numerical integration" under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Sopan Bhandarwad, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Variational Inequality in Hilbert Spaces And Their Applications." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
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**CERTIFICATE**

*This is to certify that Mr. Suchita Jogdand, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "An Introduction to Mathematical Modelling," under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Swati Akhare, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Applications Of Z - Transform." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Swati Pawar, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Hankel Transform And Its Applications." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
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**CERTIFICATE**

*This is to certify that Mr. Vaishnavi Rahatkar, studying in M.Sc. Second Year Mathematics in Nanded Education Society's Science College, Nanded has completed the project entitled "Fractional Derivative Using Laplace Transform & Fourier Transform." under my guidance as per rules and regulation of the university.*

*All the matter and content in this project are based on the work done by student has been permitted to submit the project on the same title.*

  
Project Guide/Supervisor  
Dr. R. A. Muneshwar

  
Head  
Department of Mathematics

  
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