

Key Indicator 1.2 Academic Flexibility

Institutional program brochure/notice for Certificate/Value added programs with course modules and outcomes

| Sr No | Name of Add on Certificate Programs | Course Code | Year |
|-------|---|-------------|---------|
| 1 | Certificate Course in Bio-Fertilizer Production | Botany | 2021-22 |
| 2 | Certificate Course in Electrical Equipment Repairing and Maintenance | Physics | 2021-22 |
| 3 | Certificate Course in basics of Spoken English | English | 2021-22 |
| 4 | Certificate Course in Water Analysis | Chemistry | 2021-22 |
| 5 | Certificate Course in “Mathematics for Competitive Examinations” | Mathematics | 2021-22 |
| 6 | Certificate Course in “Investment Planning”. | Commerce | 2021-22 |
| 7 | Certificate Course in Ornamental Fisheries | Zoology | 2021-22 |
| 8 | Certificate Course on Heena designs(Mehndi) | Women cell | 2021-22 |
| 9 | Certificate Course in Garden Revitalizing Idea Necessities | Botany | 2020-21 |
| 10 | Certificate Course on Design and Fabrication of Regulated DC Power Supply | Physics | 2020-21 |
| 11 | Certificate Course in Soil Testing and Analysis | Chemistry | 2020-21 |
| 12 | Certificate Course in Advanced E-Content of Digital Marketing | Commerce | 2020-21 |
| 13 | Certificate Course in Bee Keeping | Zoology | 2020-21 |
| 14 | Certificate Course in Investment Planning | Commerce | 2019-20 |
| 15 | Basics of Spoken English | English | 2019-20 |
| 16 | Certificate Course in Vedic Mathematics | Mathematics | 2019-20 |
| 17 | Certificate Course in Soil Testing and Analysis | Chemistry | 2019-20 |
| 18 | Certificate Course in Ornamental Fishery | Zoology | 2019-20 |
| 19 | Certificate Course in Plant Tissue Culture | Botany | 2019-20 |
| 20 | Certificate Course in Electrical Equipment Repairing and Maintenance | Physics | 2019-20 |
| 21 | शुद्ध लेखन विषयक अभ्यासक्रम | मराठी | 2019-20 |
| 22 | Certificate Course Basic Nursery Techniques and | Botany | 2018-19 |

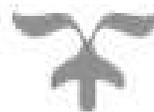
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|----|--|-------------|---------|
| | Management | | |
| 23 | Certificate Course Vedic Mathematics | Mathematics | 2018-19 |
| 24 | Certificate Course Language and Communication | English | 2018-19 |
| 25 | Certificate Course in Goods and Services Marketing | Commerce | 2018-19 |
| 26 | Certificate Course in Tally ERP -9 | Commerce | 2017-18 |
| 27 | Certificate Course in Grammar for Competitive Exam | English | 2017-18 |

NAAC CRITERION - I



Certificate Courses/Programs

(Year-2021-22)



Academic Year 2021-22

| Sr No | Name of Add on Certificate Programs offered | Course Code | Year of offering | No. of times offered during the same year | Duration of the course | Number of students enrolled in the year | Number of Students completing the course in the year |
|-------|--|-------------|------------------|---|------------------------|---|--|
| 1 | Certificate Course in Bio-Fertilizer Production | Botany | 2021-22 | First time | 30 Hours | 40 | 40 |
| 2 | Certificate Course in Electrical Equipment Repairing and Maintenance | Physics | 2021-22 | First time | 30 Hours | 20 | 20 |
| 3 | Certificate Course in basics of Spoken English | English | 2021-22 | First time | 30 Hours | 48 | 48 |
| 4 | Certificate Course in Water Analysis | Chemistry | 2021-22 | First time | 30 Hours | 30 | 30 |
| 5 | Certificate Course in “Mathematics for Competitive Examinations” | Mathematics | 2021-22 | First time | 30 Hours | 53 | 53 |
| 6 | Certificate Course in “Investment Planning”. | Commerce | 2021-22 | First time | 30 Hours | 42 | 42 |
| 7 | Certificate Course in Ornamental Fisheries | Zoology | 2021-22 | First time | 30 Hours | 20 | 20 |
| 8 | Certificate Course on Heena designs(Mehndi) | Women cell | 2021-22 | First time | 30 Hours | 60 | 60 |



16 May - 31 May 2022



Certificate Course in Bio fertilizer Production

Biofertilizers Screening, Isolation, Scaling up
and Their Application



Organized by

Atul Vidya Mandir, Chandur Rly.

RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY

Pravin Khodke Memorial Trust, Amravati

VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KHANDESHWAR

GUEST

SPEAKERS



Dr. C.M. Wadatkhar
P.H.Jr. College, Anjangaon
Surii



Dr. Suchita Khodke
V.V.M. Nandgaon Kh.
Dist- Amravati



Dr. Minal Keche
R.S. Sci. College, Chandur
Rly



Mr. S.V. Hiwarale
V.V.M. Nandgaon Kh.
Dist- Amravati

Certificate Course in Bio fertilizer Production



Biofertilizers Screening, Isolation, Scaling up and Their Application

Course Description:

This course gives a broad outline on biofertilizers screening, isolation, scaling up and their application.

Course Objectives:- To demonstrate the low cost media preparation and impart training of ecofriendly agricultural inputs in biofertilizer production.

Learning Outcomes- Ability to distinguish the types of biofertilizers and methods of application in farmers field..Development of integrated management for best results using nitrogenous and phosphate biofertilizers.

CONTENT OF THE COURSE

Module 1

- ✓ Introduction to biofertilizer
- ✓ History and concept of biofertilizer
- ✓ Status, scope and importance of biofertilizer
- ✓ Classification of biofertilizer
- ✓ Laboratory setting and operations

Module 2

- ✓ Objective of biofertilizers
- ✓ Outcomes of biofertilizers
- ✓ Type of biofertilizer and their descriptions
- ✓ Advantage and disadvantage of biofertilizer
- ✓ Factors influencing the efficiency of biofertilizers

Module 3

- ✓ General concept of micro-organisms of biofertilizers
- ✓ Method of incubation of micro-organisms
- ✓ Media preparation for incubation of microorganisms

Module 4

- ✓ Sterilization technique for isolation of microbial inoculants
- ✓ Isolation identification of *Cyanobacteria*, *Azadobacter*, *Rhizobium* and *Trichoderma*
- ✓ Characterization and mass multiplication of *Cyanobacteria*, *Azadobacter*, *Rhizobium* and *Trichoderma*

Module 5

- ✓ Mycorrhizal biotechnology
- ✓ Application technology for seed, Seedling, Tubers sets etc.

Module 6

- ✓ PROM-Phosphate Reach Organic Manure
- ✓ Recycling of biodegradable, municipal, agriculture and industrial waste
- ✓ Biofertilizer storage self life,
- ✓ Quality control and marketing

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Pravin Khodke Memorial Trust, Amravati

VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KHANDESHWAR



Certificate Course in Bio fertilizer Production

Biofertilizers Screening, Isolation, Scaling up
and Their Application



Principal



Dr. Alka Bhise

Vinayak Vidnyan Mahavidyalaya,
Nandgaon khandeshwar

Convener



Dr. Suchita Khodke

IQAC Coordinator and
Head Department of Botany

Co-convener



Mr. Shilmanand Hiwarale

Assistant Professor,
Department of Botany

Principal



Dr. S.S. Thakare

Rajarshee Shahu Science College,
Chandur Rly.

Convener



Dr. Minal Keche

IQAC Coordinator and
Head Department of Botany

For Further Details Contact

Mr. S.V. Hiwarale 8888334744

Organized by:

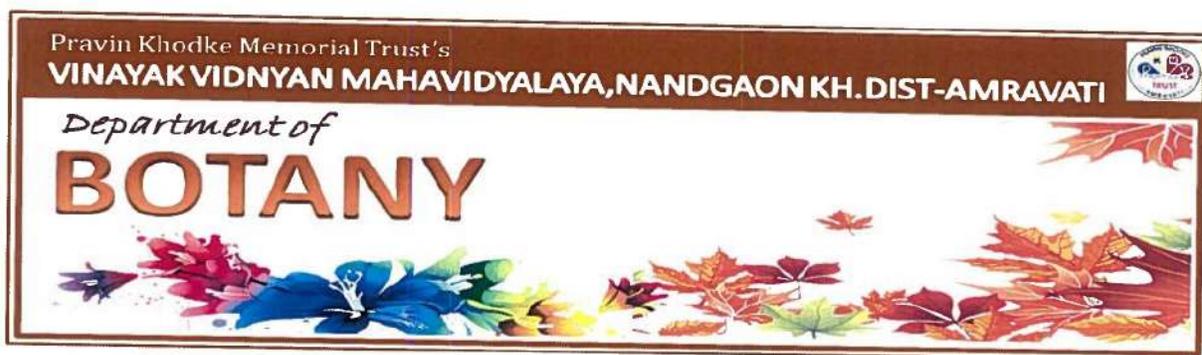
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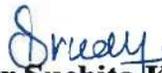
Date: 10 May 2022

NOTICE

All the students of **B.Sc. IIIrd** year of subject **Botany** are hereby informed that, Department of **Botany** is going to organize **Certificate Course** on the subject **Biofertilizer Production** From **16th May 2022 to 31st May 2022**. All students are inform to join the program in **Hybrid Mode (Online + Offline)** from **4:00pm to 6:00pm**. Links to join this program will be providing on Telegram group.

Further details regarding the topic will be provided accordingly in online class and telegram group.

Date: 10 May 2022


Dr. Suchita Khodke
Head Department of Botany
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DIST-AMRAVATI



A PROPOSAL

For

CERTIFICATE COURSE

IN

BIOFERTILIZER PRODUCTION

Submitted by

Department of Botany

2021-2022

: Certificate Course in “Biofertilizer Production”

| | |
|-----------------------------|--|
| ❖ Name of the Course | : Certificate Course in “Biofertilizer Production” |
| ❖ Course Convener | : Dr.Suchita Khodke and Dr.Minal Keche |
| ❖ Eligibility | : B.Sc.III (Botany) |
| ❖ Intake capacity | : 40 |
| ❖ Course Hours | : 30 hrs. |

❖ **Aim and overview**

Biofertilizer are biological products containing living microorganisms that, when applied to seed, plant surfaces, or soil, promote growth by several mechanisms such as increasing the supply of nutrients, increasing root biomass or root area and increasing nutrient uptake capacity of the plant. These are effective alternatives to the hazardous synthetic fertilizers.

Biofertilizers can prove a boon to sustain our agricultural production and to meet the demand of increasing population for agricultural-based products while conserving and sustaining the natural resources for future generation. Importance of biofertilizers in enhancing productivity and quality of agricultural products have already been proven through various research work carried out worldwide. Despite proving their potential, biofertilizers remain underutilized on a large scale. Therefore, the need of the hour is to promote the application of biofertilizers among farmers to obtain higher agricultural sustainability.

The aim of the certificate course in Biofertilizer production is to create awareness among students regarding benefits of biofertilizers in providing good soil health, sustaining productivity of natural resources, and attaining high productivity and higher cost–benefit ratio. Main aim should be on the quality control during production process of biofertilizers to keep their potency intact for long time. Also aim to produce and provide biofertilizers to farmers to accelerate the use of biofertilizers among farmers and biofertilizers should made easily available for farmers and large-scale production of

biofertilizer should be initiated by providing training and capacity building to industrial people, farmers, and other growers regarding production, quality control, and use of biofertilizers.

❖ Course Objectives

To provide the opportunities to the students to acquire the knowledge, values, commitment, and skills towards the following

1. Scope and classification of biofertilizer
2. Type of biofertilizer and their descriptions
3. Preparation of stock solutions and nutrient media
4. Classification of biofertilizer
5. Sterilization technique for isolation of microbial inoculants
6. Isolation, identification, microorganisms
7. Characterization and mass multiplication of microorganisms
8. Micro-organism used in biofertilizer
9. Mycorrhizal biotechnology
10. PROM-Phosphate Reach Organic Manure

❖ Course Outcomes

After completion of this course, students should be able to

1. Basic concepts to make biofertilizer
2. Laboratory setting and operating system
3. Useful microorganism to make biofertilizer
4. Different media preparation for the growth of microorganism
5. Mass multiplication of *Cyanobacteria*, *Azadobacter*, *Rhizobium* and *Trichoderma*
6. Use of Mycorrhiza and its applications
7. Production of phosphate rich manure
8. Use of wastes in biofertilizer
9. Marketing to sale biofertilizer
10. Entrepreneurship in biofertilizer production



Schedule: Certificate Course in Biofertilizer Production

| Days | Time | Session | Resource person | Mode |
|-------------------|-------------|---|------------------------|---------|
| Day 1 16/5/22 | 6 pm-8 pm | Introduction, History, Concept, Scope, Classification and various types of microbes used as biofertilizer | Mr.Shilanand Hiwarale | Online |
| Day 2 17/5/22 | 6 pm-8 pm | General concept and types of micro-organisms use in biofertilizers | Mr.Shilanand Hiwarale | Online |
| Day 3 18/5/22 | 6 pm-8 pm | Laboratory setting and operations | Dr.C.Wadatkar | Online |
| Day 4 19/5/22 | 6 pm-8 pm | Media preparation and sterilization techniques for isolation of microbial inoculants. | Dr.C. Wadatkar | Online |
| Day 5 20/5/22 | 6 pm-8 pm | Isolation, identification, Characterization and mass multiplication of Cyanobacteria and Azadobacter | Dr.Minal Keche | Online |
| Day 6 21/5/22 | 6 pm-8 pm | Isolation, identification, Characterization and mass multiplication of Rhizobium and Trichoderma | Dr.Minal Keche | Online |
| Day 7 22/5/22 | 10 am-12 pm | Objective and outcomes of biofertilizers production | Dr.Miral Keche | Offline |
| Day 8 23/5/22 | 10 am-12 pm | Type of biofertilizer and their descriptions | Dr.Minal Keche | Offline |
| Day 9 24/5/22 | 10 am-12 pm | Advantage and disadvantage of biofertilizer and | Dr.C.Wadatkar | Offline |
| Day 10 25/5/22 | 10 am-12 pm | Factors influencing the efficiency of biofertilizers | Dr.C.Wadatkar | Offline |
| Day 11 26/5/22 | 10 am-12 pm | Mycorrhizal technology and its application, technology for seed, Seedling, Tubers sets etc. | Dr.Suchita Khodke | Offline |
| Day 12 27/5/22 | 10 am-12 pm | Biofertilizer storage self life, quality control and marketing | Dr.Suchita Khodke | Offline |
| Day 13 28/5/22 | 6 pm-8 pm | PROM- Phosphate Reach Organic Manure | Dr.Suchita Khodke | Online |
| Day 14 29/5/22 | 6 pm-8 pm | Recycling of Bio-degradable municipal agricultural and Industrial wastes. | Mr. Shilanand Hiwarale | Online |
| Day 15 30/5/22 | 6 pm-8 pm | Entrepreneurship opportunities in biofertilizers production. | Dr.C.Wadatkar | Online |
| Day 16 31/5/22 | 10 to11 am | Examination | | Offline |

Dr. Suchita Khodke
Dr.Suchita Khodke
 Head Department of Botany
Head
Dept. of Botany
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.



Syllabus: Certificate Course on Biofertilizer Production

- ❖ **Module 1**
 - ✓ Introduction to biofertilizer
 - ✓ History and concept of biofertilizer
 - ✓ Status, scope and importance of biofertilizer
 - ✓ Classification of biofertilizer
 - ✓ Laboratory setting and operations
- ❖ **Module 2**
 - ✓ Objective of biofertilizers
 - ✓ Outcomes of biofertilizers
 - ✓ Type of biofertilizer and their descriptions
 - ✓ Advantage and disadvantage of biofertilizer
 - ✓ Factors influencing the efficiency of biofertilizers
- ❖ **Module 3**
 - ✓ General concept of micro-organisms of biofertilizers
 - ✓ Method of incubation of micro-organisms
 - ✓ Media preparation for incubation of microorganisms
- ❖ **Module 4**
 - ✓ Sterilization technique for isolation of microbial inoculants
 - ✓ Isolation identification of *Cyanobacteria*, *Azadobacter*, *Rhizobium* and *Trichoderma*
 - ✓ Characterization and mass multiplication of *Cyanobacteria*, *Azadobacter*, *Rhizobium* and *Trichoderma*
- ❖ **Module 5**
 - ✓ Mycorrhizal biotechnology
 - ✓ Application technology for seed, Seedling, Tubers sets etc.
- ❖ **Module 6**
 - ✓ PROM-Phosphate Rich Organic Manure
 - ✓ Recycling of biodegradable, municipal, agriculture and industrial waste
 - ✓ Biofertilizer storage self life,
 - ✓ Quality control and marketing


Dr. Sachita Khodke
Head Department of Botany
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SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

***CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE***

From 01/12/2021 to 17/12/2021

Dr. Prashant B. Kharat

Course Coordinator
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati

Dr. Anant S. Wadatkar

Head, Department of Physics
Dr. Anant S. Wadatkar
Assistant Professor and Head
Department of Physics
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati

Dr. Suchita P. Khodke

IQAC Coordinator
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.

Dr. Alka A. Bhise

Principal
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 18/11/2021

NOTIFICATION

DEPARTMENT OF PHYSICS, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Conducting

CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE

From 01/12/2021 to 17/12/2021

Objective: Learners who attain this qualification are competent in electrical work and can get a job in a captive or commercial electrical equipment manufacturing work or maintenance or become an entrepreneur.

- ❖ Qualifying learners attain skills to work with electrical wiring or equipment.
- ❖ Qualified learners are capable of doing estimation and costing related to electrical
- ❖ wiring work of office/house.
- ❖ Qualified learners are capable of taking instructions from electrical or electronics
- ❖ engineer and repair, and install new household equipment.

Eligibility: 12th Science, Diploma / B.Tech / BE / ITI / B.Sc. in Physics, / Electronics / Telecommunication / Instrumentation / Electrical.

Duration: 45 hours (30 Hours Theory + 15 Hours Practicals)

Outcome: After completion of course, the Student should be able to:

- ❖ Apply safe working practices.
- ❖ Individually maintain house held machinery equipment.



- ❖ Identify parts of electrical equipment from its drawing.
- ❖ Calculate, install and repair all industrial or domestic appliances.
- ❖ Prepare different types of earthing.
- ❖ Calculate the loads for wiring design.

Registration & Course Fees - No Fees

Seats : 20 (Twenty) on First Come First Serve Basis

Course Duration: 01/12/2021 to 17/12/2021

Course Coordinator Contact Details:

Dr. Prashant B. Kharat - 9403750321

E-Mail: drpbkharat@gmail.com

Note: Limited seats are allotted on an FCFS basis.

Please register for the course before **29/11/2021**.


Dr. Prashant B. Kharat
Dr. PRASHANT B. KHARAT
Assistant Professor
Course Coordinator
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Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 18/11/2021

**DEPARTMENT OF PHYSICS, Vinayak Vidnyan
Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati**

Conducting

***CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE***

From 01/12/2021 to 17/12/2021

Objective: Learners who attain this qualification are competent in electrical work and can get a job in a captive or commercial electrical equipment manufacturing work or maintenance or become an entrepreneur.

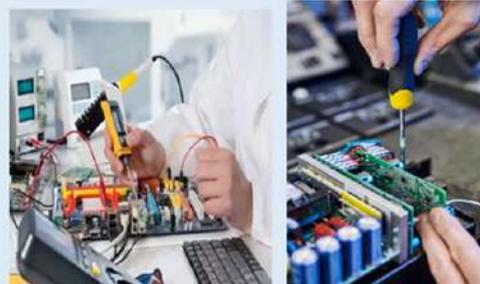
- ❖ Qualifying learners attain skills to work with electrical wiring or equipment.
- ❖ Qualified learners are capable of doing estimation and costing related to electrical
- ❖ wiring work of office/house.
- ❖ Qualified learners are capable of taking instructions from electrical or electronics
- ❖ engineer and repair, and install new household equipment.

Eligibility: 12th Science, Diploma / B.Tech / BE / ITI / B.Sc. in Physics, / Electronics / Telecommunication / Instrumentation / Electrical.

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Outcome: After completion of course, the Student should be able to:

- ❖ Apply safe working practices.
- ❖ Individually maintain house held machinery equipment.



- ❖ Identify parts of electrical equipment from its drawing.
- ❖ Calculate, install and repair all industrial or domestic appliances.
- ❖ Prepare different types of earthing.
- ❖ Calculate the loads for wiring design.

Registration & Course Fees - No Fees

Seats : 20 (Twenty) on First Come First Serve Basis

Course Duration: 01/12/2021 to 17/12/2021

Course Coordinator Contact Details:

Dr. Prashant B. Kharat – 9403750321

E-Mail: drpbkharat@gmail.com

Note: Limited seats are allotted on an FCFS basis.

Please register for the course before **29/11/2021**.



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DEPARTMENT OF PHYSICS

Date: 18/11/2021

STUDENTS ENROLLMENT NOTICE

All the students of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati is hereby informed that the Department of Physics, in collaboration with IQAC conducting a ***"CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE"*** from **01/12/2021** to **17/12/2021**. There are 20 (Twenty) Limited seats allotted on an FCFS basis. Interested students, please register for the course before 29/11/2021.

Please refer to the Certificate Course notification and Contact Course coordinator **Dr. Prashant B. Kharat - 9403750321**, Assistant Professor, Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Dr. Prashant B. Kharat

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DEPARTMENT OF PHYSICS

Date: 18/11/2021

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE**

From 01/12/2021 to 17/12/2021

COURSE SYLLABUS

Unit I : Basic safety regarding use of electricity : Demonstrate safety work practices, Demonstrate on Personal protecting equipment, Demonstrate on fire extinguisher, Demonstrate on safety slogan and symbols, Recognize & comply safe work practices.

Unit II : Fundamentals on hand tools : Identify the hand tools, Demonstrate on use of hand tools. Prepare a check list of hand tools for specific work. Specification of hand tools.

Unit III : Basic electrical and electronics : Fundamental of electricity, Basic electrical components, Basic electronics components, Earthing.

Unit IV : Domestic And Industrial Wiring : Types of wiring, Calculation of loads, Industrial wiring and maintenance, Domestic wiring and maintenance.

Unit V : Repairing Of Home Appliances : Basic on home appliances, Demonstration on the details and internal, Assembly and disassembly, Repair house held electrical equipment, Internal parts of geyser, tube light, Emergency light, Internal parts of fan, ceiling fan, cooler, mixer grinder, Demonstration on Induction stove, Electric Iron, Microwave, Electronics card maintenance.

Reference Books

1. R. K. Jain, Practical guide to electrical safety Khanna Publications
2. Hand tools institute, Guide hand tools: selection, safety tips, proper use and care by Hand tools institute Publications
3. P.S Dhogal, Basic electrical engineering by Tata McGraw-Hill
4. K. Mehta/A.K Mittal, Electrical engineering theory by Asian Publishers
5. Eric Kleinert, Troubleshooting and repairing of major appliances by Tata McGraw-Hill
6. Daniel H. Braymer, Armature winding and motor repairing by Mayo Press
7. Karl WilKinson, Rewinding of small motor by A Newnes Technical Book


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DEPARTMENT OF PHYSICS

Date: 18/11/2021

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE**

From 01/12/2021 to 17/12/2021

LIST OF PRACTICALS

1. Safety work practices and Demo on Personal protecting instruments.
2. Demo on fire extinguisher, Use of tools, Switch. Fuse and circuit breaker.
3. Wires and cables, Preparation of small circuit, Function of Oscilloscope.
4. Preparation of different types of wiring module, fixing flush type of accessories and fault find with a domestic
5. Practice on pipe cutting, flaring, pipe bending, Swaging, tube brazing, and core drilling.
6. Internal parts of geyser, tube light, Emergency light.
7. Internal parts of fan, ceiling fan, cooler, mixer grinder.
8. Demonstration on Induction stove, Electric Iron, Microwave.
9. Practice on parts of semi-automatic and automatic washing.
10. Practice, test and identify the parts of the AC.
11. Practice, assemble and disassemble of different types of pump.
12. Practice, assemble and disassemble of different types of pump.
13. Prepare and rewind the faulty single phase motors
14. Practice, assemble and disassemble of different types of motors.


Dr. Prashant B. Kharat
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati


Dr. Anant S. Wadatkhar
Dr. Anant S. Wadatkhar
Assistant Professor and Head
Department of Physics
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh., Dist. Amravati
Principal



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 18/11/2021

COURSE OUTCOMES

CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE

From 01/12/2021 to 17/12/2021

COURSE OUTCOMES:

1. After completion of course, Student should be able to:
2. Apply safe working practices.
3. Individually maintain house held machinery equipment.
4. Identify parts of electrical equipment from its drawing.
5. Calculate, install and repair all industrial or domestic appliances.
6. Prepare different types of earthing.
7. Calculate the loads for wiring design.


Dr. Prashant B. Kharat
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati


Dr. Anant S. Wadatkhar
Dr. Anant S. Wadatkhar
Assistant Professor and Head
Department of Physics
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Dist. Amravati

Pravin Khodke Memorial Trust Amravati's

Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar

Department of English

Organising a Certificate Course on

Basics of
Spoken English

From
15th November 2021

Organiser and Tutor

Rajiv Tayde
Dept. Of English

President

Principal
Dr. Alka Bhise

Chief Guest

IQAC Co-ordinator
Dr. Suchita Khodke

For registration contact Dept. of English



Asstt. Prof
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati



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Tq. Nandgaon Khandeshwar, Dist. Amravati

Notice

All the students in college are hereby informed that, our college has decided to **Organize a Spoken English Class, 'Basics of Spoken English'** for students from **15/11/2021**. Those who are interested will contact **asst. prof. Rajiv Jayantrao Tayde** and register their names.

Date: 12 /11 /2021

Abhis

Principal
PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati
Nandgaon Khandeshwar



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Vinayak Vidnyan Mahavidyalaya

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DEPARTMENT OF ENGLISH

PROPOSAL

'The Basics of Spoken English'

"CERTIFICATE COURSE IN LANGUAGE AND COMMUNICATION"

YEAR 2021-22

Certificate Course

Title - Certificate course on 'The Basics of Spoken English'.

Objectives:

- 1) To eradicate fear of English subject from student's mind.
- 2) To make students able to read the text with proper pronunciation.
- 3) To make students able to comprehend the text.
- 4) To make student able to frame short but grammatically correct sentences.
- 5) To develop student's interest into watching English movies , listening and singing English songs.
- 6) To make student aware of basic concept of English grammar.
- 7) To make student remember all the rules regarding grammar.
- 8) To make student use English grammar rule while speaking as well as writing.
- 9) To make student aware regarding competitive exam and English as an optional subject for main exam.

Duration of the course:

- 1) The duration of the course shall be of 30 hours and lectures shall be conducted during college hours. (Each day shall consist of one lecture of one hour. That is 30 days, 30 hours, 30 Lectures).

Eligibility of course:

- 1) Candidates who are admitted in B. Com and B.Sc. degrees will be eligible for the admission of the certificate course 'English Grammar for Competitive Exams'.

Medium of instruction and structure of examination:

- 1) Medium of instruction of the certificate course will be e English and Marathi and question paper will be in English.
- 2) Candidates appearing for certificate course shall have to go through oral examination of 30 marks regarding syllabus.
- 3) Eligibility for receiving certificate:
- 4) At least 75% attendance is compulsory. He or she should complete given homework and activities.

Standard of passing:

- 1) Students have to score at least 40% marks in certificate course examination.
- 2) Grades will be awarded to students at the end of the course on the basis of aggregate percentage of marks obtained by him or her
- 3) Examination Type: Practical / Demonstrative

| Sr. No | Grade | Theory exam |
|--------|-------|-----------------------|
| 1 | A+ | 70% and above |
| 2 | A | In between 60% to 70% |
| 3 | B+ | In between 50% to 60% |
| 4 | B | In between 50% to 55% |
| 5 | C | In between 45% to 50% |


Asst. Prof.
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.

The course content

- 1) An Introduction to English Language.
- 2) Pronunciation of Alphabets
- 3) Greetings and Salutations
- 4) How to Introduce Yourself
- 5) Tongue Twisters
- 6) Sing English songs
- 7) How to translate Sentences
- 8) Situational speaking practices
- 9) Pen your feelings
- 10) Mock interviews
- 11) Basics of grammar
- 12) Parts of Speech:
- 13) Tenses:
- 14) Modals
- 15) Active and Passive Voice
- 16) Change the Narration
- 17) Articles 'a, an, the'
- 18) Question Tag
- 19) Figures of Speech
- 20) Transformation of Sentences

References:

1. Wren and Martin, 'English Grammar'
2. Rapidex English Speaking Book
3. B. C. Hasure's 'English Grammar'
4. Lucent's 'General English'.
5. Balasaheb Shinde's 'Complete English Grammar'.



Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.



Vinayak Vidnyan Mahavidyalaya Nandgaon Kh.

DEPARTMENT OF CHEMISTRY

ADD ON COURSE

WATER ANALYSIS

9TH MAY TO 26TH MAY 2022

DR. ALKA A. BHISE

PRINCIPAL

DR. KAVITA P. KAKADE

COORDINATOR

MR. NILESH S. PADOLE

CONVENER

DR. VINOD M. SHEREKAR

ORGANIZING COMMITTEE

PRINCIPAL

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Nandgaon

Add On Course

Water Analysis

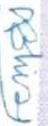
Aim & Objectives:

- 1) To develops awareness among students and society about water
- 2) To create scientific temper within students.
- 3) To establish familiar relation between college and society.

Outcome of Program:

After conducting this program we found followings outcome for the students

- 1) Able to check the Water Quality Parameter;
- 2) Able to analyse the potability of water;
- 3) Able to determine the acidity or alkalinity and other parameters of water


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Nandgaon Khan, Dist. Amravati



Pravin Khodke Memorial Trust's
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Tq. Nandgaon Khandeshwar, Dist. Amravati

Date 05.05.2022

Department of Chemistry

All students of Bachelor of Science IIIrd Year (CBZ and PCM) semester VI are hereby informed that, department of chemistry is going to conduct 15 Days (30 Hours) Add-on Course on "Water Analysis" from date 09/05/2022 to 26/05/2022.

There are only 20 seats are available for the course and will be allotted as first come first preference basis.

Therefore interested candidates can give their name to below mention teacher on before 07/05/2022.

Coordinator - Dr.Kavita P.Kakade

Convener - Dr.Vinod M. Sherekar

Further detail regarding the course will be provided accordingly.

Mr. Nilesh S. Padole
Assistant Professor
Department of Chemistry

PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Program Schedule

| Sr. No | Date | Time | Session | Speaker |
|--------|------------|----------------|--|----------------------|
| 1 | 09/05/2022 | 09.30-0945 AM | Inauguration | Dr.Alka A.Bhise |
| 2 | 09/05/2022 | 09.45-10.00 AM | Introduction of Water | Mr.Nilesh S Padole |
| 3 | 10/05/2022 | 10.00-11.30AM | Introduction to chemistry of water | Mr.Nilesh S Padole |
| 4 | 11/05/2022 | 9.30-11.30AM | Physical and chemical properties of water | Mr.Nilesh S Padole |
| 5 | 12/05/2022 | 9.30-11.30AM | Resources of Water | Mr.Nilesh S Padole |
| 6 | 13/05/2022 | 9.30-11.30AM | Chemistry of water | Mr.Nilesh S Padole |
| 7 | 14/05/2022 | 9.30-11.30AM | Water as a universal solvent | Dr.Kavita P.Kakade |
| 8 | 17/05/2022 | 9.30-11.30AM | Water quality parameters | Dr.Kavita P.Kakade |
| 9 | 18/05/2022 | 9.30-11.30AM | PH,Alkalinity | Dr.Kavita P.Kakade |
| 10 | 19/05/2022 | 9.30-11.30AM | Hardness of Water | Dr.Kavita P.Kakade |
| 11 | 20/05/2022 | 9.30-11.30AM | Biological Oxygen Demand | Dr.Kavita P.Kakade |
| 12 | 21/05/2022 | 9.30-11.30AM | Chemical Oxygen Demand | Dr.Kavita P.Kakade |
| 13 | 23/05/2022 | 9.30-11.30AM | Exp-1: Estimation of Alkalinity of water from different water sample | Dr. Vinod M.Sherekar |
| 14 | 24/05/2022 | 9.30-11.30AM | Exp-2: Estimation of Hardness of water from different water sample | Dr. Vinod M.Sherekar |
| 15 | 25/05/2022 | 9.30-11.30AM | Exp-3: Determination of BOD of water from different water sample | Dr. Vinod M.Sherekar |
| 16 | 26/04/2022 | 9.30-11.30AM | Project report writing | Dr. Vinod M.Sherekar |


PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khau, Dist. Amravati

VINAYAK VIDNYAN MAHAVIDYALAYA,
NANDGAON KH.



DEPARTMENT OF MATHEMATICS

DEPARTMENT OF
MATHEMATICS

ADD-ON COURSE

MATHEMATICS FOR COMPETITIVE
EXAMINATIONS

FROM: 16TH SEPT TO 3RD OCT-2021

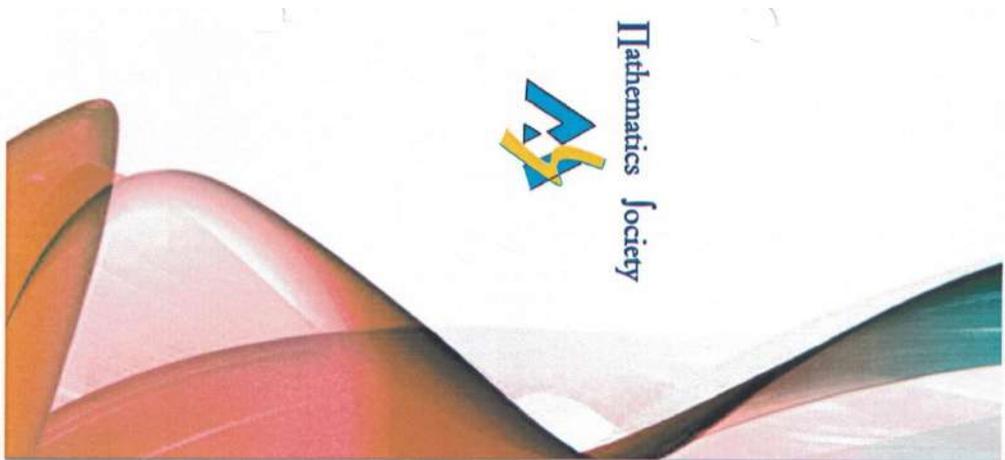
DR. PRITI DESHMUKH
(CONVENOR)
DR. ABHIJIT BANSOD
(CO-ORDINATOR)

YEAR: 2021-22

[An activity under the Mathematics Society]

Registration Link: <https://forms.gle/ivDo2iGNLow9b8rBA>

Pritya



ABOUT COURSE

- This course is designed to improve students grasp of fundamental mathematical concepts in preparation for further course work, competitive examinations, various entrance examinations and application in a job.
- The course includes a theoretical overview of basic mathematics.
- This course skill help to improve students capability on handling the numbers, remembering the formulae, application of shortcut tricks.
- This course will help the students for preparing competitive exams, these exams need as it helps to clear concepts and gives sufficient practice to keep one ready for all types of questions.
- This course will help to increase calculation speed and accuracy .
- The course is online and is free for all students.



Mathematics Society



COURSE CONTENTS

- Number System and Simplification
- HCF and LCM
- Average and Percentage
- Profit and Loss
- Ratio proportion and mixture
- Simple and Compound Interest
- Time and Work
- Time, distance and Speed
- Fundamentals of Algebra
- Series
- Set theory
- Permutation and Combination
- Probability
- Mensuration
- Height and Distance



➤ **Dr. Gayatri Tayade**
Assistant Professor,
SIPNA College of Engineering,
Amravati.



➤ **Ms. Shital Malamkar**
Lecturer,
Zeal Junior College,
Pune.



➤ **Ms. Ashwini Nakhale**
Assistant Professor,
Dr. Rajendra Gode Institute of
Technology & Research,
Amravati.



➤ **Mr. Nitin Mokhale**
B.E. (Computer), Founder Pix
Wizard Graphics Pvt LTD,
Director, Omega Academy,
Amravati.



➤ **Dr. Priti Deshmukh**
Assistant Professor,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.



➤ **Dr. Abhijit Bansod**
Assistant Professor,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.



SUBJECT EXPERTS

COURSE SCHEDULE

| S.N. | Date | Time | Topic | Activity | Faculty |
|------|-----------|----------------------|----------------------------------|----------|-----------------------|
| 1 | 16-Sep-21 | 1:30 pm to 2:00 pm | Inauguration | Function | Dr. Priti Deshmukh |
| 2 | 16-Sep-21 | 2:00 pm to 3:00 pm | Number System and simplification | Lecture | Dr. Priti Deshmukh |
| 3 | 16-Sep-21 | 3:00 pm to 4:00 pm | Number System and simplification | Test | Dr. Priti Deshmukh |
| 4 | 17-Sep-21 | 12:30 pm to 1:30 pm | H.C.F. and L.C.M. | Lecture | Mr. Nitin Mokhale |
| 5 | 17-Sep-21 | 1:30 pm to 2:30 pm | H.C.F. and L.C.M. | Lecture | Mr. Nitin Mokhale |
| 6 | 17-Sep-21 | 2:30 pm to 3:30 pm | H.C.F. and L.C.M. | Test | Mr. Nitin Mokhale |
| 7 | 18-Sep-21 | 12:30 pm to 1:30 pm | Average and percentage | Lecture | Prof. Ashwini Nakhale |
| 8 | 18-Sep-21 | 1:30 pm to 2:30 pm | Average and percentage | Lecture | Prof. Ashwini Nakhale |
| 9 | 18-Sep-21 | 2:30 pm to 3:30 pm | Average and percentage | Test | Prof. Ashwini Nakhale |
| 10 | 19-Sep-21 | 12:30 pm to 1:30 pm | Profit and loss | Lecture | Dr. Gayatri Tayade |
| 11 | 19-Sep-21 | 1:30 pm to 2:30 pm | Profit and loss | Lecture | Dr. Gayatri Tayade |
| 12 | 19-Sep-21 | 2:30 pm to 3:30 pm | Profit and loss | Test | Dr. Gayatri Tayade |
| 13 | 20-Sep-21 | 12:30 pm to 1:30 pm | Ratio proportion and mixture | Lecture | Dr. Abhijit Bansod |
| 14 | 20-Sep-21 | 1:30 pm to 2:30 pm | Ratio proportion and mixture | Lecture | Dr. Abhijit Bansod |
| 15 | 20-Sep-21 | 2:30 pm to 3:30 pm | Ratio proportion and mixture | Test | Dr. Abhijit Bansod |
| 16 | 21-Sep-21 | 12:30 pm to 1:30 pm | Simple and compound interest | Lecture | Mr. Rahul Patil |
| 17 | 21-Sep-21 | 1:30 pm to 2:30 pm | Simple and compound interest | Lecture | Mr. Rahul Patil |
| 18 | 21-Sep-21 | 2:30 pm to 3:30 pm | Simple and compound interest | Test | Mr. Rahul Patil |
| 19 | 22-Sep-21 | 12:30 pm to 1:30 pm | Time and work | Lecture | Miss Shital Malankar |
| 20 | 22-Sep-21 | 1:30 pm to 2:30 pm | Time and work | Test | Miss Shital Malankar |
| 21 | 23-Sep-21 | 2:30 pm to 3:30 pm | Time and work | Lecture | Miss Shital Malankar |
| 22 | 23-Sep-21 | 12:30 pm to 1:30 pm | Time, distance and speed | Lecture | Miss Shital Malankar |
| 23 | 23-Sep-21 | 1:30 pm to 2:30 pm | Time, distance and speed | Test | Miss Shital Malankar |
| 24 | 24-Sep-21 | 2:30 pm to 3:30 pm | Set Theory | Lecture | Prof. Ashwini Nakhale |
| 25 | 24-Sep-21 | 12:30 pm to 1:30 pm | Set Theory | Lecture | Prof. Ashwini Nakhale |
| 26 | 24-Sep-21 | 1:30 pm to 2:30 pm | Set Theory | Test | Prof. Ashwini Nakhale |
| 27 | 25-Sep-21 | 2:30 pm to 3:30 pm | Series | Lecture | Mr. Nitin Mokhale |
| 28 | 25-Sep-21 | 12:30 pm to 1:30 pm | Series | Lecture | Mr. Nitin Mokhale |
| 29 | 25-Sep-21 | 1:30 pm to 2:30 pm | Series | Test | Mr. Nitin Mokhale |
| 30 | 26-Sep-21 | 2:30 pm to 3:30 pm | Fundamentals of Algebra | Lecture | Mr. Rohit Shirvas |
| 31 | 26-Sep-21 | 12:30 pm to 1:30 pm | Fundamentals of Algebra | Lecture | Mr. Rohit Shirvas |
| 32 | 26-Sep-21 | 1:30 pm to 2:30 pm | Fundamentals of Algebra | Test | Mr. Rohit Shirvas |
| 33 | 2-Oct-21 | 12:30 pm to 1:30 pm | Permutation and combination | Lecture | Mr. Nitin Mokhale |
| 34 | 2-Oct-21 | 1:30 pm to 2:30 pm | Permutation and combination | Test | Mr. Nitin Mokhale |
| 35 | 2-Oct-21 | 2:30 pm to 3:30 pm | Probability | Lecture | Mr. Nitin Mokhale |
| 36 | 2-Oct-21 | 5:30 am to 6:30 am | Final Test on all topics | Test | Dr. Priti Deshmukh |
| 37 | 3-Oct-21 | 10:00 am to 11:00 am | Valictory Function | Function | Dr. Abhijit Bansod |



Mathematics Society

SOURCE OF INSPIRATION



Dr. Alka Bhise
(Principal)



Dr. Suchita Khodke
(IQAC Co-Ordinator)

All interested students are requested to register the course.
Registration Link: <https://forms.gle/ivDo2iGNLlow9b8rBA>

Mathematics Society



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.
DEPARTMENT OF MATHEMATICS
ADD-ON COURSE

MATHEMATICS for COMPETITIVE EXAMINATIONS

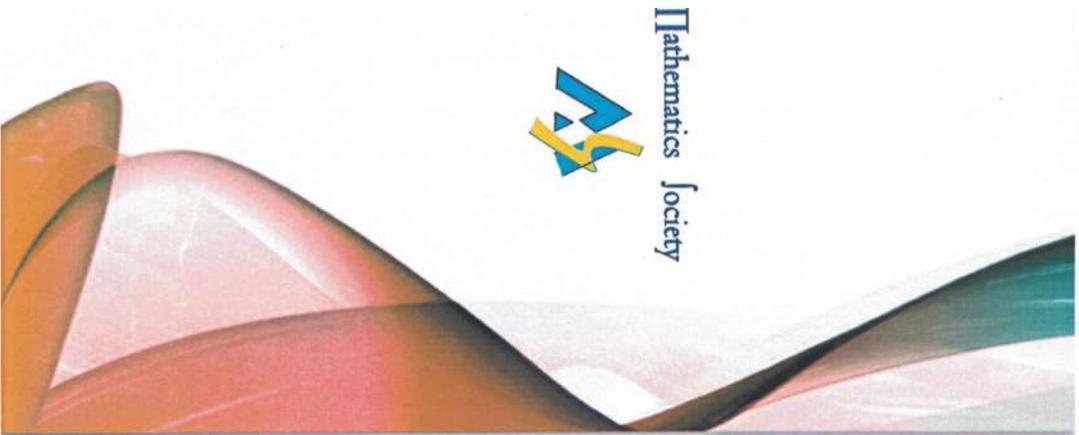
from: 16th Sept to 3rd oct-2021

ONLINE INAUGURATION FUNCTION

| | | | |
|--|--|---|---|
|  President Dr. Alka Bhise (Principal) |  Chief Guest Dr. Suchita Khodke (IQAC Co-Ordinator) |  Convener Dr. Priti Deshmukh (Assistant Professor) |  Co-ordinator Dr. Abhijit Bansod (Assistant Professor) |
|--|--|---|---|

MINUTE TO MINUTE OF PROGRAM

| | |
|---|---------|
| 1. WELCOME OF ALL GUESTS AND PARTICIPANTS | 1:30 PM |
| 2. INTRODUCTORY SPEECH BY DR. ABHIJIT BANSOD – CO-ORDINATOR OF ADD-COURSE | 1:32 PM |
| 3. SPEECH BY DR. SUCHITA KHODKE - CHIEF GUEST | 1:35 PM |
| 4. SPEECH BY DR. ALKA BHISE – PRESIDENT | 1:40 PM |
| 5. VOTE OF THANKS BY MS. SHWETA CHARPE | 1:45 PM |



Mathematics Society



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.
DEPARTMENT OF MATHEMATICS
ADD-ON COURSE

MATHEMATICS for COMPETITIVE EXAMINATIONS

from: 16th Sept to 3rd oct-2021
21ST SEPTEMBER-2021

SIMPLE AND COMPOUND INTEREST



Rahul V. Patil (B.E in IT &M.E)
Co-founder CORE COMPETITIVE HUB
Ex faculty at Aurangabad for Competitive exams.
Subject :- Quantitative Aptitude
(Experience 6 year)

Convenor
Dr. Priti Deshmukh
(Assistant Professor)

Co-ordinator
Dr. Abhijit Bansod
(Assistant Professor)



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DEPARTMENT OF MATHEMATICS

ADD-ON COURSE

MATHEMATICS for COMPETITIVE EXAMINATIONS

from: 16th Sept to 3rd Oct-2021

21ST SEPTEMBER-2021

SIMPLE AND COMPOUND INTEREST



Ms. Shital Malamkar

M.Sc. [Mathematics], B.Ed.

Lecturer,

Zeal Junior College,

Pune.

Convener

Dr. Priti Deshmukh
(Assistant Professor)

Co-ordinator

Dr. Abhijit Bansod
(Assistant Professor)



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DEPARTMENT OF MATHEMATICS

ADD-ON COURSE

MATHEMATICS FOR COMPETITIVE EXAMINATIONS

from: 16th Sept to 3rd Oct-2021

24TH SEPTEMBER-2021

SET THEORY



➤ **Ms. Ashwini Nakhale**

Assistant Professor,
Dr. Rajendra Gode Institute of
Technology & Research,
Amravati.

Convenor
Dr. Priti Deshmukh
(Assistant Professor)

Co-ordinator
Dr. Abhijit Bansod
(Assistant Professor)



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.
DEPARTMENT OF MATHEMATICS
ADD-ON COURSE
MATHEMATICS FOR COMPETITIVE EXAMINATIONS
From: 16th Sept to 3rd Oct-2021

ONLINE VALEDICTORY FUNCTION
4TH OCTOBER-2021
AT 2:00PM

| | | | |
|--|--|---|---|
|  <p>President Dr. Alka Bhise (Principal)</p> |  <p>Chief Guest Dr. Suchita Khodke (IGAC Co-Ordinator)</p> |  <p>Convener Dr. Priti Deshmukh (Assistant Professor)</p> |  <p>Co-ordinator Dr. Abhijit Bansod (Assistant Professor)</p> |
|--|--|---|---|

1. WELCOME OF ALL GUESTS AND PARTICIPANTS
2. SPEECH ABOUT JOURNEY OF COURSE BY DR. PRITI DESHMUKH – CONVENER
3. OPINION OF STUDENTS ABOUT THE COURSE
4. SPEECH BY DR. SUCHITA KHODKE - CHIEF GUEST
5. SPEECH BY DR. ALKA BHISE – PRESIDENT
6. VOTE OF THANKS BY MS. SNEHA VANAWARI

Join Zoom Meeting
<https://us02zoom.us/j/89735448533?pwd=clh0ay91dmlkS0p1ZjZlcnk4bnRlc0lnbnc0T0Z>
Meeting ID: 827 3544 8533
Passcode: math123



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DEPARTMENT OF MATHEMATICS

ADD-ON COURSE

MATHEMATICS FOR COMPETITIVE EXAMINATIONS

From: 16th Sept to 3rd Oct-2021

ONLINE VALEDICTORY FUNCTION

4TH OCTOBER-2021
AT 2:00PM

MINUTE TO MINUTE OF PROGRAM

- | | |
|--|---------|
| 1. WELCOME OF ALL GUESTS AND PARTICIPANTS | 2:00 PM |
| 2. SPEECH ABOUT JOURNEY OF COURSE BY DR. PRITI DESHMUKH – CONVENER | 2:02 PM |
| 3. OPINION OF STUDENTS ABOUT THE COURSE | 2:15 PM |
| 4. SPEECH BY DR. SUCHITA KHODKE - CHIEF GUEST | 2:15 PM |
| 5. SPEECH BY DR. ALKA BHISE – PRESIDENT | 2:20 PM |
| 6. VOTE OF THANKS BY MS. SNEHA VANAJARI | 2:25 PM |

Join Zoom Meeting
<https://us02web.zoom.us/j/82735448535?pwd=clNvYkVhbnRDMlE5cm1ZellwMnNlcnE5ND09>
Meeting ID: 827 3544 8535
Passcode: mths123

Convener

Dr. Priti Deshmukh
(Assistant Professor)

Co-ordinator

Dr. Abhijit Bansod
(Assistant Professor)

Dept. of Mathematics

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh

Department of Mathematics

Date:10-09-2021

Notice

All the students are hereby informed that the department of Mathematics going to organize **Add-on Course on “Mathematics for Competitive Examinations”** for the B.Sc. and B.Com. students in duration 16th Sept. to 3rd October 2021 (Appro. 40 Hrs). This type of activity will help the students to enhance the Mathematics skills which are necessary for Competitive Examinations.

Register your name to dr Abhijit Bansod before 15th September 2021.


Head
Dept. of Mathematics
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED

Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya

Tq. Nandgaon Khandeshwar, Dist. Amravati

2021-22

DEPARTMENT OF COMMERCE
ORGANIZES
CERTIFICATE COURSE IN INVESTMENT
PLANNING



Duration: 15th February 2022 to 12th April Time : 10 am to 11 am

Convener

Dr. Yogesh Gawali
Assistant Professor
Department Of Commerce
Vinayak Vidnyan Mahavidyalaya, Nandgaon
Khandeshwar Dist. Amravati

Students should register for the course 21 February 2022.

Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

Notice

Date: 15/02/2022

All the students of B.com II year & B.com III year are hereby informed that, Department of Commerce is organizing a **Certificate Course in Investment Planning**. Duration of Certificate Course is 40 hours from 22 February 2022 to 12th April 2022 and Course timing is 10.00 am to 11.00 am. Students should register for the course before 18 February 2022.


Convener


HOD
Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


PRINCIPAL
Principal
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



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Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

DEPARTMENT OF COMMERCE

Proposal

**CERTIFICATE COURSE IN INVESTMENT
PLANNING**

Academic Year-2021-22


Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

CERTIFICATE COURSE IN INVESTMENT PLANNING

| CERTIFICATE COURSE IN INVESTMENT PLANNING | |
|---|--|
| Course level | Certificate Course |
| About Certificate Course | Certificate Course in Investment Planning is a program designed to integrate the core skills of investment in the securities market. The course curriculum includes areas like Security Market, Mutual Funds, Government Schemes etc, that make the complete subject holistic, while giving a wholesome idea on how to invest. |
| Course Objective | To provide a detailed analysis of the investment planning and offer students all majors & backgrounds an alternative to the conventional finance class. Students will get a basic introduction on the security market and learn practical applications to enable them to understand how to invest in volatile economic situations. Also, it aims to help the students to understand the important terms, rules, concepts, principles, and theories related to financial planning & investment management. By the end of the course, students will not only know how to start investing on their own with a solid foundation but also advise others on investment in the securities market. |
| Duration of the Course | 40 days |
| Assessment procedure | Multiple Choice Questions Test |
| Eligibility | Students who passed out in B.Com. 1 st Year |
| Admission Process | First in first select |
| Intake capacity | 45 students |
| Course Fee | Rs. 300 |
| Recruiting Companies | Mutual funds companies like ABSLMF, HDFCMF, SBIMF and Life Insurance Corporation, General Insurance Company etc. |
| Job Positions | Share Broker, Mutual Fund Distributor, LIC & GIC Agents, etc. |


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 Nandgaon Kh.

Outcome of the program

Upon successful completion of the program, students should be able to:

- Work as a professional maintaining high standards of practice, making **ethical**/legal judgments and decisions, and **sustaining** professional standing through a commitment to life-long learning.
- Document, Manage, Understand, and Communicate all aspects of the Personal financial process and its components and steps
- Understand Investment in Securities Market, Mutual Fund, Insurance and Government Schemes for Various Savings & Investment Options & Tax Saving Options and their uses in estate planning.
- Identify the pros and cons about investment in certain sectors like share market or mutual fund
- Use a financial calculator in determining the time value of money
- Demonstrate knowledge, understanding and competence with all areas of the strategic investment planning process
- Demonstrate employability skills and a commitment to professionalism

Early success stories (post completion of the course, i.e. 12th April 22)

- 31% of students opted for PAN card (13 out of 42 students)
- Successful subscriptions to **Demat** accounts (12 out of 42 students, 29%)
- Started participating in an online platform to purchase **equity shares** (%) (e.g. Adani Power, SBI Life, etc.)
- Started bidding to upcoming major **IPOs** after thorough study and analysis (e.g. LIC, Campus, etc.)
- **Started advising** on the products (gold funds, debentures, equity shares, etc.) based on the criteria (age, income group, risk appetite, etc.)


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Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Schedule

| Sr. No. | Title | Date | No. of periods | Name of teacher |
|-------------------|---|------------------|----------------|-------------------------|
| Unit 1 | Investment Planning | 22 nd | 06 | Dr. Yogesh Gawali |
| | 1.1 What is Investing | Feb'22 | | |
| | 1.2 Key Concepts in personal finance | ~ | | |
| | 1.3 Financial Planning | 28 th | | |
| | 1.4 Savings Related Products | Feb'22 | | |
| Unit 2 | Investment in Securities Market | | 09 | Dr. Yogesh Gawali |
| | 2.1 Types of Risks | 2 nd | | |
| | 2.2 Primary Market | Mar'22 | | |
| | 2.3 Secondary Market | ~ | | |
| | 2.4 Know Your Client (KYC) | 11 th | | |
| | 2.5 Modes of Placement of Order | Mar'22 | | |
| | 2.6 Basic Services Demat Account (BSDA) | | | |
| | 2.7 Commodity Derivatives Market | | | |
| Unit 3 | Mutual Fund | | 10 | Dr. Prafullakumar Tayde |
| | 3.1 Concept of Mutual Funds | 12 th | | |
| | 3.2 Advantages of Mutual Funds | Mar'22 ~ | | |
| | 3.3 Types of Mutual Funds | 24 th | | |
| | 3.4 Mutual Fund Risk Ratios | Mar'22 | | |
| Unit 4 | Insurance | | 10 | Mr. Nishant Jaiswal |
| | 4.1 Introduction to Insurance | 25 th | | |
| | 4.2 Introduction To Insurance | Mar'22 | | |
| | 4.3 Insurance & Risk Management Process | ~ | | |
| | 4.4 Rules of Risk Management | 6 th | | |
| | 4.5 Insurance Related Products | April'22 | | |
| Unit 5 | Government Schemes for Various Savings & Investment Options & Tax Saving Options | | 05 | Dr. Dashrath Kale |
| | 5.1 Government Schemes | 7 th | | |
| | 5.2 Basic Insurance Schemes Run by Government of India | April'22 | | |
| | 5.3 Other savings/ insurance schemes run by Government of India | ~ | | |
| | 5.4 Pension Schemes run by Government of India | 12 th | | |
| | 5.5 Borrowing related schemes of Government of India | April'22 | | |
| | 5.6 Tax Saving Options | | | |
| TOTAL DAYS | | | 40 Days | |


 PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati.


 Head
 Dept. of Commerce
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.

Pravin Khodke Memorial Trust, Amravati's

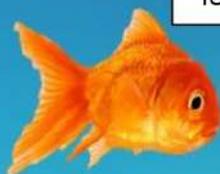
Vinayak Vidnyan Mahavidyalaya

Nandgaon Khandeshwar, Dist. Amravati

Department of Zoology

Certificate Course in Ornamental Fishery

Under the aegis of
IQAC, Vinayak Vidnyan Mahavidyalaya, Nandgaon (Kh)



Start of Course: 11 December 2021
End of course (tentative): 15 January 2022

Time of Course

10.00 am to 10.45 am (Monday to Saturday)



Principal

Dr Alka Bhise
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

Coordinator

Mr. Subodh Bansod
Asst. Prof Dept of Zoology

Co-coordinator

Dr . Pratibha Mahalle
Head Dept. of Zoology

Organizing Member

Dr. G.S.Pachlore
Asst. Prof Dept of Zoology

Dr. S.P.Tinkhede
Asst. Prof Dept of Zoology



Notice

This is informing to all the students of B.Sc (C.B.Z) Students of second and final year that the department of zoology is going to start a certificate course in Ornamental Fishery. The important dates and eligibility criteria for the admission in the course will be as follow

Important date

Start of Registration: 05 December 2021

Last date of Registration: 10 December 2021

Start of Course: 11th December 2021

End of course (tentative): 15th January 2022

Eligibility Criteria

B.Sc. First year pass above 45 %

Time of Course

10.00 am to 10.45 am (Monday to Saturday)

P. Mahalle
Head Department of Zoology
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh) Dist. Amravati (M.S)
Department of Zoology

Certificate course in
Ornamental Fishiery
CCOF02

| Sr.No | Heading | Particulars |
|-------|---------------------------------------|---|
| 1 | Title of the course & Code | Certificate course In Ornamental Fish FarmingCCOF02 |
| 2 | Eligibility | B.Sc. First year pass (not less than 45%) |
| 3 | Passing criteria | Minimum 45% in theory |
| 4 | Duration of the course | 30 Hours |
| 5 | Learning level | U.G |
| 6 | Date of Implementation | 11 December 2021 – 15 January 2022 |

Content

- Proposal of the course
- Motivation
- Objective of the course
- Outcome of the course
- Theory syllabus for certificate course in Ornamental Fishery (Course code: CCOFF-01)
- Program of the course
- Suggested Field Visits: Group activity & Visit to commercial aquarium shop for Entrepreneurial Skill Development.
- Suggested Reading.
- Web Addresses.

Motivation:

In rural India it has been profoundly seen that agriculture is the only source of earning. However the uncertainty of rain and ever increasing cost of fertilizers, seeds and farm labour has made it really an impossible affair. It has been suggested many times that an allied business with agriculture practice could help and also support the earning of a farmers family. Focusing mainly on this idea, the department of zoology of Vinayak Vidnyan Mahavidyalaya, Nandgaon (kh) has initiated the certificate courses in various fields. Certificate course in Ornamental Fishery is one such Course to promote self-reliability among the wards of farmers. The syllabus of this course modularized offering opportunity to learners to study techniques in ornamental fishery theoretically, practically and experimentally by directly working with established and successful entrepreneurs in this field.

Objectives of the course:

- 1) To inculcate importance of ornamental fishery in relation with entrepreneurship development.
- 2) To give students knowledge about various techniques of ornamental fish breeding, rearing and it's marketing to make them self-sustainable after graduation.
- 3) To teach techniques of construction of glass aquarium and its maintenance.
- 4) To teach students about fish food production and health related problems with ornamental fish.

Outcome of the course:

- 1) At the end of the course student will be familiar with Various Ornamental Fishes.
- 2) At the end of the course student will be able to breed and rear the ornamental fishes.
- 3) At the end of the course students will develop entrepreneurial skill.

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

THEORY SYLLABUS OF THE COURSE ORNAMENTAL FISHERY

| Unit | Title |
|-------------|--|
| I | Introduction to Aquaculture and Ornamental Fishes Trading |
| II | Introduction to Ornamental fishes and its management |
| III | Fish Breeding and rearing in Live Bearers |
| IV | Fish Breeding and rearing in Egg layers |
| V | Introduction to Aquarium plants and its propagation techniques |
| V I | Engineering Aspect and construction of aquarium |

Syllabus

UNIT-I

Introduction to Aquaculture and Ornamental Fishes Trading

- Basics of aquaculture-definition and scope.
- History of aquaculture: Present global and national scenario.
- World trade of ornamental fish and export potential.
- Different varieties of exotic and indigenous fishes.
- Ornamental fisheries- new dimensions in aquaculture entrepreneurship

UNIT- II

Introduction to Ornamental fishes Fish-diseases and their management

- Introduction to aquarium and aquarium accessories.
- Basic knowledge on profile of ornamental fishes in world
- Basic knowledge and profile of some selected indigenous Indian ornamental fishes
- Live Food culture for tropical ornamental fish
- Fish Disease and their management
- Feeding for breeding and maintenance of ornamental fish.

UNIT-III

Fish Breeding and rearing in Live Bearers

- Breeding of ornamental fish with reference to live bearer species.
- Breeding of Guppies, Mollies, Sword-tail fish and Platy fish
- Introduction hatchery management system for live bearers
- Nursery management of live bearers and rearing of live bearers

UNIT- IV

Fish Breeding and rearing in Egg layers

- Breeding of ornamental fish with reference to selected egg layer species.
- Introduction to Breeding of Angel fish, Zebra fish and Neon tetra
- Introduction hatchery management system for egg layers
- Nursery management of egg layers Special emphasis on Breeding of Gold fish.

UNIT-V

Introduction to Aquarium plants and its propagation techniques

- Introduction to Aquarium plants and their export potential.
- Profiles of some selected aquarium plants.
- Morphology, multiplication of aquarium plants – different methods.
- Aquarium plant propagation.
- Management of ornamental aquatic plants and its trading

UNIT VI

Engineering Aspect and construction of aquarium

- Construction, settings and maintenance of aquarium
- Construction of ornamental fish unit
- Engineering aspect in Ornamental Fish Farming

Practical

- 1) Identification of common live bearer ornamental fishes:-Guppy, Molly, Platy, Sword Tail.
- 2) Identification of common Egg layer ornamental fishes: - Angel, Neon tetra
- 3) Identification of common Egg layer ornamental fishes: Discus and Siamese fighter
- 4) Identification of common Egg layer ornamental fishes: Gold fish, Koi Carp
- 5) Identification of common Egg layer ornamental fishes: Danio- Zebra, and Flower Horn.
- 6) Fabrication of all-glass aquarium demonstration
- 7) Setting-up and maintenance of aquarium
- 8) Introduction to Aquarium accessories and equipment's.
- 9) Conditioning and packing of ornamental fishes.
- 10) Preparation of ornamental fish feed.
- 11) Identification of aquarium plants

Program of the course

- 1) This certificate course will be of 30 hours
- 2) Every working day will have one theory (1 Hrs. =45 minutes)
- 3) Field visit and visit to commercial aquarium shops
- 4) Candidate require to attain 75% lectures/periods
- 5) Candidate must obtain 35% of the total marks in theory
- 6) Candidate will be offered English as a medium of examination.
- 7) All first year passed and final year appearing students are eligible for this course.

Assessment method

1. Assessment will be based on theory paper of MCQ based question of 50 Marks
2. Duration of examination will be of 90 minutes

Suggested Field Visits:

It is mandatory for the students to take one compulsory field visit at nearby Unit of Aquaculture. The visit will be organised by department along with the participants of the course.

Visit to commercial Aquarium

A compulsory visit will be organised for the Participant of the course at a commercial aquarium. To understand the sales and marketing of ornamental fishes.

Suggested Reading

- 1) Fish Biology By C.B.C. Srivastava – Narendra Pub. House.
- 2) Text Book of Fish Biology and Indian Fisheries By Dr. R. P. Parihar, Central Pub. House,
- 3) Fish & Fisheries By Chandy – National Book Trust.
- 4) An Introduction to Fishes By Khanna S.S. – Central Book Depot, Allahabad (1993).
- 5) Aquaculture, Principles and Practices By Pillay T.V.R. – Fishing News Books (1988).

Web Links for further information

<https://mpeda.gov.in/MPEDA/#>

www.nabard.org

P. Mahalle
Head
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Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

**Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.**



***Certificate Course on Heena
Designs [Mehandi]***

Organized by

Women Cell

Session 2021-22

Duration : 18th April to 5th May 2022

Vinayak Vidnyan Mahavidyalaya Nandgaon Kh.

Women Cell

Date: 13/04/2022

-: Notice :-

All the students are hereby informed that Women Cell, Vinayak Vidnyan Mahavidyalaya Nandgaon Kh. going to organised

"Certificate course on Heena Design (Mehandi)." in the Duration of 18th April to 5th May 2022.

Brochure is attached here with.

An interested students will register their names to Dr. P.B. Deshmukh.

Suchita Khodke

Dr Suchita Khodke
Coordinator
Women Cell.

I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidya
Nandgaon Kh.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Women Cell

Organizes

Certificate Course on Heena Designs [Mehandi]

Trainer: Ms. Sanika Darwhatkar – B.Sc.-III

Duration: 30 HRs

Date: 18th April to 5th May 2022

Timing: 9.00 am to 10.00 pm and 4:30pm to 5:30 pm

Eligibility: B.Sc./ B.Com. students

Registration link: <https://forms.gle/ppeoR3KpitHJGM9e9>

Objectives:

- To learn about an enduring tradition, timeless art of body painting and wonderful artistry of beautiful patterns which comes with practice and control.
- To allow students to get in touch with their creative side, and learn the methods required when using natural henna paste to achieve beautiful, flowing pieces of body artwork.

Contents:

- History of henna art
- Different types of henna available
- Basic flow & simple patterns- on paper
- Henna preparation – how to mix henna, how to make henna applicator
- How to get started with the henna cone
- Techniques and practical henna application
- Different applications of henna art
- Henna after care



PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

I.Q.A.C. Co-ordinator

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Context

Today, Henna is mainly used in celebration of special occasions such as weddings and birthdays in the joyous gathering of people. The Henna paste symbolizes good health and prosperity in marriage, and in some cultures, the darker the henna stain, the deeper the love between two individuals. Now Mehendi designing is widely recognized as a creative profession. In a fast moving world, everyone chooses to become a top notch well known professionalist. However, people forget what their passion is and go with the flow to become something that their parents impose on them. A new career that has started gaining grip these days is to start a Mehendi business. Students can now make their career as a Mehendi artist and become successful by earning of money. This is probably among the best career options for girls after degree if they like making Mehendi designs. as Mehendi designing skills are taught easily and at low cost. Apart from students regular academic activities, if self employment skills like Mehendi designing are taught and trained for girls, they would become self sustained to attain self lively hood in future. Hence it is proposed to organize this course in our institute.



Jrueye
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Women Cell

Organizes

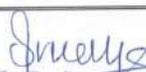
“CERTIFICATE COURSE ON HEENA DESIGN [MEHANDI]”

Duration: 18th April to 3rd May 2022

| S.N. | NAME OF THE CONTENT |
|------|-----------------------------|
| 1 | PRINCIPAL PERMISSION LETTER |
| 2 | NOTICE FOR STUDENTS |
| 3 | CONTEXT |
| 4 | BRIEF REPORT |
| 5 | COURSE SCHEDULE |
| 6 | ENROLMENT LIST STUDENTS |
| 7 | ATTENDANCE |
| 8 | FEEDBACK REPORT |
| 9 | PHOTO GALLERY |
| 10 | CERIFICATE |

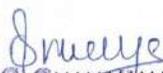
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

| | |
|------------------------------|--|
| Name of College | Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. |
| Name of the Organiser | Women Cell |
| Title of the course | CERTIFICATE COURSE ON HEENA DESIGN [MEHANDI] |
| Type of the course | Value Added Course |
| Duration | 30 Hrs |
| Commencement | 18 th April to 5 th May 2022 |
| Eligibility | B.Sc./ B.Com. students |
| Timing | 9:30 am to 10:30 am to 4.00 pm to 5.00 pm |
| Fees | Nil |
| Session | 2021-22 |
| Intake Capacity | |
| Course Objectives | <ul style="list-style-type: none"> To learn about an enduring tradition, timeless art of body painting and wonderful artistry of beautiful patterns which comes with practice and control. To allows students to get in touch with their creative side, and learn the methods required when using natural henna paste to achieve beautiful, flowing pieces of body artwork. |
| Course Outcomes | After completion of this course Students will be able to become self employed They will be able to develop mehndi designing skills. They will also be able to run Mehndi designing course. |
| Syllabus | <ul style="list-style-type: none"> History of henna art Different types of henna available Basic flow & simple patterns- on paper Henna preparation – how to mix henna, how to make henna applicator How to get started with the henna cone Techniques and practical henna application Different applications of henna art. Henna after care |
| Name of Expert | Ms. Sanika Darwhatkar – B.Sc.-III |
| Name of Co-ordinator | Dr. P.B. Deshmukh, Dr. Pratibha Mahalle |
| Registration link | https://forms.gle/ppeoR3KpitHJGM9e9 |


I.Q.A.C. Co-ordinator
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.

COURSE SCHEDULE

| S.N. | Date | Required Hours | Topic | Theory/ Practical |
|------|------------|----------------|--|-------------------|
| 1 | 18-04-2022 | 1Hr | INAUGURAL - SESSION | ----- |
| 2 | 18-04-2022 | 1Hr | History of henna art | Theory |
| 3 | 19-04-2022 | 1Hr | Basic lines | Theory |
| 4 | 19-04-2022 | 1Hr | Basic lines | Practical |
| 5 | 20-04-2022 | 1Hr | Basic Shapes | Theory |
| 6 | 20-04-2022 | 1Hr | Basic Shapes | Practical |
| 7 | 21-04-2022 | 1Hr | Basic Shapes | Theory |
| 8 | 21-04-2022 | 1Hr | Basic Shapes | Practical |
| 9 | 22-04-2022 | 1Hr | Different types of henna available Part-1 | Theory |
| 10 | 22-04-2022 | 1Hr | Different types of henna available | Practical |
| 11 | 23-04-2022 | 1Hr | Different types of henna available Part-2 | Theory |
| 12 | 23-04-2022 | 1Hr | Different types of henna available | Practical |
| 13 | 25-04-2022 | 1Hr | Basic flow & simple patterns- on paper | Theory |
| 14 | 25-04-2022 | 1Hr | Basic flow & simple patterns- on paper with cone | Practical |
| 15 | 26-04-2022 | 1Hr | Henna preparation | Theory |
| 16 | 26-04-2022 | 1Hr | how to mix henna, how to make henna | Practical |
| 17 | 27-04-2022 | 1Hr | How to get started with the henna cone | Theory |
| 18 | 27-04-2022 | 1Hr | How to get started with the henna cone | Practical |
| 19 | 28-04-2022 | 1Hr | Techniques of henna application | Theory |
| 20 | 28-04-2022 | 1Hr | Techniques of henna application | Practical |
| 21 | 29-04-2022 | 1Hr | Different applications of henna art | Theory |
| 22 | 29-04-2022 | 1Hr | Different applications of henna art | Practical |
| 23 | 30-04-2022 | 1Hr | Henna after care | Theory |
| 24 | 30-04-2022 | 1Hr | Henna after care | Practical |
| 25 | 02-05-2022 | 1Hr | Full hand design time management | Theory |
| 26 | 02-05-2022 | 1Hr | Full hand design practice | Practical |
| 27 | 03-05-2022 | 1Hr | Employability in Heena Designing | Theory |
| 28 | 03-05-2022 | 1Hr | Full/ half hand mehendi designed by students | Practical |
| 29 | 04-05-2022 | 1Hr | Summary | Theory |
| 30 | 04-05-2022 | 1Hr | Summary | Practical |
| 31 | 05-05-2022 | 1Hr | Examination on half hand design by participants | Exam |
| 32 | 05-05-2022 | 1Hr | Valedictory Session | ----- |


In-charge Co-ordinator
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.


PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati

NAAC CRITERION - I



Certificate Courses/Programs

(Year-2020-21)



Academic Year 2020-21

| Sr No | Name of Add on Certificate Programs offered | Course Code | Year of offering | No. of times offered during the same year | Duration of the course | Number of students enrolled in the year | Number of Students completing the course in the year |
|-------|---|-------------|------------------|---|------------------------|---|--|
| 1 | Certificate Course in Garden Revitalizing Idea Necessities | Botany | 2020-21 | First time | 30 Hours | 22 | 22 |
| 2 | Certificate Course on Design and Fabrication of Regulated DC Power Supply | Physics | 2020-21 | First time | 30 Hours | 20 | 20 |
| 3 | Certificate Course in Soil Testing and Analysis | Chemistry | 2020-21 | First time | 30 Hours | 23 | 23 |
| 4 | Certificate Course in Advanced E-Content of Digital Marketing | Commerce | 2020-21 | First time | 30 Hours | 61 | 61 |
| 5 | Certificate Course in Bee Keeping | Zoology | 2020-21 | First time | 30 Hours | 26 | 26 |



Certificate Course in
Garden Revitalizing Ideal Necessities

1st August to 3rd October, 2021



Indian Rose Federation Affiliated

Amravati Garden Club, Amravati

Organizing Collaboration



Shri Shivaji Science College,
Amravati



Shri Shivaji Horticulture College,
Amravati



Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.



Rajarshree Shahu Science College,
Chandur Railway

Technical Collaboration



Kiran Nursery & Gardens, Amravati

www.agca.webs.com

COURSE PATRONS

Prof. C. M. Deshmukh
Ex - President and Advisor
Amravati Garden Club

Dr. G. N. Chaudhari
Principal,
Shri Shivaji Science College,
Amravati

Dr. Alka Bhise
Principal,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.

Dr. S. S. Thakare
Principal,
Rajarshee Shahu Science College,
Chandur Rly.

Dr. Shashank Deshmukh
Principal,
Shri Shivaji Horticulture College,
Amravati

Shri Subhash Bhawe
Director
Kiran Nursery & Gardens
Amravati

COURSE CONVENERS

Dr. Dinesh Khedkar
President, Amravati Garden Club &
Professor in Botany
Shri Shivaji Science College Amravati

Dr. Rekha Maggirwar
Secretary, Amravati Garden Club &
Associate Professor in Botany
Shri Shivaji Science College Amravati

Dr. Suchita Khodke
Ex- President and Advisor, Amravati Garden Club &
Asst. Professor in Botany,
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

COURSE COORDINATORS

Dr. Ganesh Hedawoo
Jt. Secretary, Amravati Garden Club &
Asst. Professor in Botany
Shri Shivaji Science College,
Amravati

Dr. Gajendrasingh Pachlore
Exe. Member, Amravati Garden Club &
Asst. Professor in Zoology,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.

Dr. Umesh Kanerkar
Exe. Member, Amravati Garden Club &
Asst. Professor in Botany,
G. S. Tompe Mahavidyalaya,
Chandur Bz.

Dr. Mayur Gawande
Exe. Member, Amravati Garden Club &
Asst Professor,
Shri Shivaji Horticulture College,
Amravati

Dr. Yugandhara Gulhane
Invited Member, Amravati Garden Club
& Asst. Professor in Botany,
G. S. Tompe Mahavidyalaya,
Chandur Bazar

Dr. Minal Keche
Invited Member, Amravati Garden Club
& Asst. Professor in Botany,
Rajarshee Shahu Science College,
Chandur Rly.

Dr. Monali Gurde
Invited Member, Amravati Garden Club &
Asst. Professor in Botany,
Vidyabharati Mahavidyalaya,
Amravati

Dr. Sheetal Chitode
Invited Member, Amravati Garden Club &
Asst. Professor,
Shri Shivaji Horticulture College,
Amravati

Course Objectives :

- Scientific development of Hobby
- Caring and Artistic Management
- Life cycles of plants
- Prepare and apply Bio-fertilizers
- Cultivation techniques
- Employability Skills
- Propagation method & use of plant hormones



Scan QR for Registration

Multiple Entry – Exit Choice

- Each Workshop as an Independent Certificate Course
- One Can Enrol for Complete Course or for single workshop

Course Details :

- Online registrations on official website
- Course Duration- Two Months
- Sessions- Every Sunday from 12:00 noon - 3:00 pm
- Live Virtual Sessions on Zoom
- Assignments submission time - One week- Sunday to Saturday

Key Dates :

- Help Desk- Monday to Saturday from 11:00 am to 5:00 pm
- The deadline for registration 30th July till 6:00pm
- Starting on 1st August 2021
- Ending on 3rd October 2021
- Total 210 Hrs.

Certificate :

- There are two requirements that must be met to get the Garden Revitalizing Ideal Necessities (GRIN) course certificate.
- Assignment Submission in the given timeline
- Class Attendance: 80% or higher for complete course and 100% for Individual workshops.
- Once you have successfully completed these 2 course requirements, you will receive certificate from the website www.agca.webs.com

Course Structure :

- Technical sessions - Scientific Information
- Practical sessions- Hands on Session
- Assignments Declaration
- Continuous and Consistent Evaluation
- No Examination

For Online Payment :

Ac Name: Dinesh Khedkar, Acc.No: 11062322797
 Branch: SBI Gadgenagar; IFSC: SBIN0012011 Micr: 444002102
 Paytm, Google Pay, Phone Pay, UPI at 9423622287

WHILE TRANSFERRING THE AMOUNT OF FEES PLEASE MENTION IN REMARK / COMMENT As "GRIN Course Fees"

Fee Structure :

| Category | Complete workshop (Rs) | Individual workshop (Rs) |
|---------------|------------------------|--------------------------|
| Students | 300 | 100 |
| AGC member | 500 | 150 |
| Professionals | 1000 | 200 |

Registration Links :

<https://tinyurl.com/GRINCourse>

Amravati Garden Club Certificate Course

| Sr. No. | Date | Title | Content | Resource person |
|---------|------------|---|--|--|
| 1. | 1/08/21 | Propagation Techniques for Garden Plants | <p>A. Propagation types: sexual types-Seed propagation- in seed bed, seed pan, polythene bags, polyhouse.</p> <p>B. Vegetative Propagation: By specialized organs, Bulb, Corm, Tuber, Rhizome, Offset, Runner, Bulbil, Sucker.</p> <p>C. Propagation by Cutting, Types of Cutting- Stem and root.</p> <p>D. Propagation by Layering:- Types-Tip, Simple, Compound, Mound, Air</p> <p>E. Propagation by Grafting: Types-Unlatching, Tongue, Whip, Side</p> <p>F. Propagation by Budding- T Budding.</p> | <p>Dr. Suchita Khodke</p> <p>Shri Subhash Bhawe</p> <p>Shri. Sanjay Wankhade</p> |
| 2. | 8 /08/21 | Blooming Chrysanthemum In collaboration with N.E.S. Science College, Nanded | <p>Classification, Soil preparation, Propagation Techniques:-Sexual and Vegetative by Sucker and cuts</p> <p>Flowering Management:- Pinching, Budding and disbudding and stacking</p> <p>Marketing: Scope</p> | <p>Dr. Rekha Maggirwar</p> <p>Mr. Anil Bhonde</p> |
| 3. | 15 / 08/21 | Bulking Decorative Foliage Plants | <p>Shade/ Sun loving foliage plants:- Coleus, Crotons, Dieffenbachia, Aglaonema, Caladium, Ficus, Palm, Ferns, Alocasia, Colocasia, Plants on moss stick</p> | <p>Dr. Dhanshree Patil, Wengurla</p> |
| 4. | 22 / 08/21 | Artistic arrangements | <p>Importance, arrangement making, plant selection and care in Flower arrangement(Fresh& Dry), Terrarium, dish Garden, plant training, Floral carpet, Garland, Gajra</p> | <p>Dr. Deeepali Taywade, Kolhapur</p> <p>Blossum Group</p> |
| 5. | 29 / 08/21 | Art of Bonsai | <p>Introduction, History, Types, Soil mixture, selection of plants and pots.</p> <p>Bonsai Making: -shapping, wiring and maintance.</p> | <p>Dr. Kishor Bobde</p> <p>Mrs Suniti Deshmukh</p> |

| | | | | |
|-----|-----------|--|--|--|
| 6. | 5/ 09/21 | Cultivation of Succulent, Cacti and Adenium In collaboration with Brijlal Biyani College, Amravati | Types, Soil and Water requirement, Pot Selection, Caring, xeric scaping Adenium(Dessert Rose):- Introduction, Types, Soil Mixture, Planting, Grafting, Watering and Maintenance. | Dr. Suruchi Kadu Mr.Sanjay Kale |
| 7. | 12/ 09/21 | Creation of Magnificent Seasonal and Hanging Plants In collaboration with Shri Shivaji Science and Arts College, Chikhali | Seasonal: Introduction and concept, Types, Methods of Propagation- Seeds, Tubers, Cuts, fertigation and watering, disease management. Gazania, Pitunia, Zenia, Dianthus, Begonia, Calandula, Pansy, Viola, Hollyhock, Tagetes, Balsum, Impatience. Hanging: Importance, Creative ways, Plant cultivation and care of Oxalis, Baby sunrose, Portulaca, Asperagus, Ferns, Ribbon Grass, Chlorophytum, Sedum variety. | Dr. V.R.Deshmukh Mrs. Shital Chitode |
| 8. | 19/ 09/21 | Interior hard and soft scapping | Necessity Required material, Toxicity emissions, Creations, Maintenance and limitation. | Dr. Pallavi Kulkarni, |
| 9. | 26/ 09/21 | Garden Planning and Management | Verticle, floating Garden:- Making and maintenance creepers and climbers: Concept and Importance, Types and Selection of Plant, Propagation, Planting and care, Supporting system: Pergola, Arch, Moss stick. Topiary | Prof. C.M. Deshmukh Shri Subhash Bhawe |
| 10. | 03/10/21 | Career and entrepreneurship opportunities | Nursery management:- Types, Licence, Demand for planting material, Working tools, Land and Layout, Marketing. Flower shoppee, Green shoppee. Landscping services, Garden Maintaning services | Mr. Sachin Bramhankar, Mumbai Dr. Umesh Kanerkar |

Assignment Incharge : Dr. Suchita Khodke Dr. Minal Keche
 Dr. Monali Ghurde Mr. Shilanand Hiwrale



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DIST-AMRAVATI



A PROPOSAL

For

CERTIFICATE COURSE

IN

(GRIN)

GARDEN REVITALIZING IDEAL NECESSITIES

Submitted by

Department of Botany

2020-2021

A proposal to start E Certificate Course in "GRIN:Garden Revitalizing Ideal Necessities"

- ❖ **Name of the Course** : Certificate Course in "GRIN:Garden Revitalizing Ideal Necessities"
- ❖ **Course Convener** : Dr.Suchita Khodke, Dr.Dinesh Khedkar and Dr.Rekha Maggirwar
- ❖ **Eligibility** : Open for all
- ❖ **Intake capacity** : No limit (Online)
- ❖ **Course Hours** : 30 hrs. (1Aug to 3 Oct 2021)

❖ **Course Objectives**

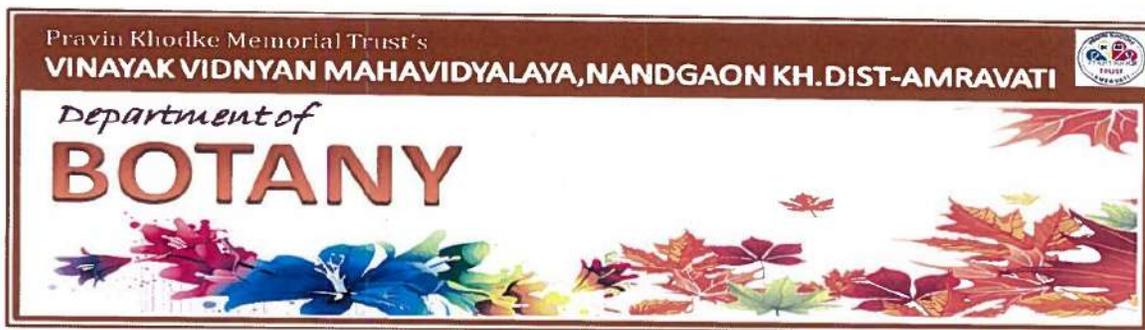
To provide the opportunities to the students to acquire the knowledge, values, commitment, and skills towards the following

1. Scientific development of hobby
2. Caring and artistic management
3. Life cycles of plants
4. Prepare and apply Biofertilizer
5. Cultivation technique
6. Employability skills
7. Propagation methods
8. Use of plant hormones

❖ **Course Outcomes**

After completion of this course, students should be able to

1. Scientific development of hobby toward gardening
2. Caring of garden and artistic management for gardening
3. Life cycles of plants used in gardens
4. Prepare and apply Biofertilizer for gardening
5. Different plant cultivation technique
6. Employability skills in gardening
7. Propagation methods for different plants
8. Use of plant hormones for plant growth



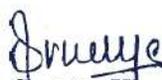
Date: 29 Jun 2021

NOTICE

All the students of **B.Sc. IIIrd** year of subject **Botany** are hereby informed that, Department of **Botany** in collaboration with Amravati Garden Club, Amravati is going to organize **Certificate Course** on the subject "**Garden Revitalizing Ideal Necessities (GRIN)**" From **1st Aug 2021 to 3rd Oct 2021**. All students are inform to join the program in **Online** from **12:00pm to 3:00pm** on every Sunday.

Links and further details regarding the topic will be provided accordingly in online class and social media groups.

Date: 29 Jun 2021


Dr. Suchita Khodke
Head Department of Botany
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

From 07/12/2020 to 23/12/2020

| | | | |
|---|--|---|--|
|  Dr. Prashant B. Kharat |  Dr. Anant S. Wadtkar |  Dr. Suchita P. Khodke |  Dr. Alka A. Bhise |
| Course Coordinator Dr. PRASHANT B. KHARAT Assistant Professor Department of Physics Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati | Head, Department of Physics Dr. Anant S. Wadtkar Assistant Professor and Head Department of Physics Vinayak Vidnyan Mahavidyalaya Nandgaon (Kh.), Dist. Amravati | IQAC Coordinator I.Q.A.C. Co-ordinator Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. | Principal PRINCIPAL Vinayak Vidnyan Mahavidyalaya, Nandgaon Khan, Dist. Amravati |



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DEPARTMENT OF PHYSICS

Date: 25/11/2020

NOTIFICATION

DEPARTMENT OF PHYSICS, Vinayak Vidnyan
Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Conducting

**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

From 07/12/2020 to 23/12/2020

Objectives:

- ❖ Regulated DC power supplies provide accurate DC voltage, which are derived from AC mains. These DC supplies are cheaper in nature than the DC sources from battery.
- ❖ Such supplies provide constant voltage irrespective of load variations for which they are designed.
- ❖ DC power supplies are used extensively in various electronics laboratories, industries and communication departments to feed DC voltage to the electronic modules, R and D sections, institutions and colleges to impart practical training etc.
- ❖ Present range of electronic equipment produced in the country makes use of transistors and integrated circuits. These IC's are designed to work on fixed regulated DC voltages.

Eligibility: 12th Science, Diploma / B.Tech / BE / ITI / B.Sc. in Physics, / Electronics / Telecommunication / Instrumentation /Electrical.

Duration: 45 hours (30 Hours Theory + 15 Hours Practicals)

Outcome: After completion of course, the Student should be able to:

- ❖ Apply safe working practices.
- ❖ Acquire knowledge on operation of nonisolated and isolated DC-DC Converters.



- ❖ Develop analytical competence required for modelling and simulation of these converters.
- ❖ Develop competence in design of power circuit (including magnetics) and closed-loop control systems for DC-DC Converters.
- ❖ Develop design competence in analysis, modelling and design of Off-line Switched Mode Power Supplies.
- ❖ Acquire detailed analysis-level and design-level knowledge on active power factor corrected front-end for SMPS Units

Registration & Course Fees - No Fees

Seats : 20 (Twenty) on First Come First Serve Basis

Course Duration: 07/12/2020 to 23/12/2020

Course Coordinator Contact Details:

Dr. Prashant B. Kharat – 9403750321

E-Mail: drpbkharat@gmail.com

Note: Limited seats are allotted on an FCFS basis.

Please register for the course before **04/12/2020**.

Dr. Prashant B. Kharat

Dr. PRASHANT B. KHARAT

Assistant Professor
Department of Physics

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati

Dr. Anant S. Wadatkar

Dr. Anant S. Wadatkar

Assistant Professor and Head
Department of Physics

Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati

Dr. Alka A. Bhise

PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
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DEPARTMENT OF PHYSICS

Date: 25/11/2020

DEPARTMENT OF PHYSICS, Vinayak Vidnyan
Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

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DEPARTMENT OF PHYSICS

Date: 25/11/2020

**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

From 07/12/2020 to 23/12/2020

COURSE SYLLABUS

Unit I : Introduction to DC Power Supply : Unregulated and regulated DC Power supply, Linear and Switching Power Supply. Basic Electronic components; Active and passive components, Specification of resistor, capacitor and inductors. Transformer; its types, classification and specifications.

Unit II : Diode and transistors : their types, characteristics and applications. Tools and measuring instruments, Analog and Digital multimeter; their use in measurements of AC/DC voltage and currents. Component testing using multimeter.

Unit III : Basic building blocks of DC power Supply : Transformer, rectifier, Filter and regulator. Types of regulators; Series and shunt regulator. Operational amplifiers; characteristics of OPamp, Region of operation of Op-Amp, application of Op-Amp, Spec. and pin details of ICs741.

Unit IV : Design of linear power supply using discrete components : Three terminal linear regulators for fixed o/p. Regulator for variable o/p voltage, current limiting and current boosting regulators, Regulator circuit design using ICs 723 Design of switch mode power supply; Regulator circuit design using ICs 78XX, ICs 79XX and LM317.

Unit V : Switched-Mode Power Supply (SMPS) : Basic building blocks of SMPS, Concept of PWM. DC to DC converter, Buck converter, Boost converter, Buck-Boost and Cuk converter. Study of PWM controls ICs, Design of SMPS using ICs3524.

Activity : Review, summery, feedback and assessment of the course.

Reference Books

1. Power Supply Cookbook By Marty Brown, 2001, Elsevier Science.
2. Regulated Power Supplies By Irving M. Gottlieb · 1992, TAB Books.
3. Switching Power Supply Design and Optimization, Second Edition By Sanjaya Maniktala · 2014, McGraw-Hill Education.
4. Practical Design of Power Supplies By Ron Lenk · 2005, Wiley


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**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

From 07/12/2020 to 23/12/2020

LIST OF PRACTICALS

1. To Study the Characteristics of a Transformer.
2. To Study the Characteristics of a PN junction Diode.
3. To Study the Characteristics of a Capacitor.
4. To Study the Characteristics of Regulator ICs 78XX.
5. To Study the Characteristics of Regulator ICs 79XX.
6. To Study the Characteristics of a Regulator IC-LM317.
7. To Study the Characteristics of a Half Wave Rectifier.
8. To Study the Characteristics of a Full Wave Rectifier.
9. To Study the Characteristics of a Bridge Rectifier.
10. To Study the Characteristics of an Op-Amp IC-741.
11. To Study the characteristics of regulated DC Power supply.
12. To Study the characteristics of Switched-Mode Power Supply.


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**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

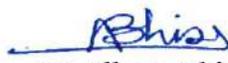
From 07/12/2020 to 23/12/2020

TIME TABLE

| Day | Time | |
|-----------|--------------------------------|-----------------------------------|
| | Theory 08:00 am to 10:00 am | Practical 10:00 am to 11:00 am |
| Monday | Dr. Anant S. Wadtkar | Dr. Anant S. Wadtkar |
| Tuesday | Dr. Anant S. Wadtkar | Dr. Anant S. Wadtkar |
| Wednesday | Mr. Ajay V. Ambhore | Mr. Ajay V. Ambhore |
| Thursday | Mr. Ajay V. Ambhore | Mr. Ajay V. Ambhore |
| Friday | Dr. Prashant B. Kharat | Dr. Prashant B. Kharat |
| Saturday | Dr. Prashant B. Kharat | Dr. Prashant B. Kharat |
| Sunday | Week Off | |


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**CERTIFICATE COURSE ON DESIGN & FABRICATION OF
REGULATED DC POWER SUPPLY**

From 07/12/2020 to 23/12/2020

ASSESSMENT GUIDELINE

ASSESSMENT GUIDELINE:

1. Criteria for assessment based on each learning outcome, will be assigned marks
2. proportionately to its importance.
3. The assessment for the theory & practical part is based on knowledge bank of
4. questions created by trainers and approved by Course coordinator
5. For each Individual batch, Examination cell will create unique question papers for theory part as well as practical for each examination.
6. To pass the Qualification, every trainee should score a minimum of 50% cumulatively (Theory and Practical)

Assessment comprises the following components:

- ❖ Job carried out in labs/workshop
- ❖ Record book/ daily diary
- ❖ Answer sheet of assessment
- ❖ Viva –voce
- ❖ Attendance and punctuality

ELIGIBILITY TO APPEAR IN THE EXAM:

Minimum 80% attendance is compulsory for the students to appear for the assessments.

MARKING SCHEME:

| Sr. No. | Method of Assessments | Weightage (Max. marks) |
|--------------|-------------------------------------|------------------------|
| 1 | Written Test (WT) | 30 |
| 2 | Practical Test (PT) | 30 |
| 3 | Viva-voce (VV) | 20 |
| 4 | Class/Workshop/Lab performance (LP) | 20 |
| Total | | 100 |

PASSING MARKS: Passing criteria is based on marks obtained in attendance record, term works, assignments, practical performance, viva or oral exam, module test, practical exam and final exam. Minimum Marks to pass practical exam – 50% Minimum Marks to pass theory exam – 50% .

Grades : A : 80-100 B:65-79% C:55-64% D:50-54% F: 0-49%


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DEPARTMENT OF PHYSICS

Date: 25/11/2020

STUDENTS ENROLLMENT NOTICE

All the students of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati is hereby informed that the Department of Physics, in collaboration with IQAC conducting a **"CERTIFICATE COURSE ON DESIGN & FABRICATION OF REGULATED DC POWER SUPPLY"** from **07/12/2020** to **23/12/2020**. There are 20 (Twenty) Limited seats allotted on an FCFS basis. Interested students, please register for the course before 04/12/2020.

Please refer to the Certificate Course notification and Contact Course coordinator **Dr. Prashant B. Kharat - 9403750321**, Assistant Professor, Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Dr. Prashant B. Kharat
Course Coordinator
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DEPARTMENT OF PHYSICS

Date: 25/11/2020

COURSE OUTCOMES

CERTIFICATE COURSE ON DESIGN & FABRICATION OF REGULATED DC POWER SUPPLY

From 07/12/2020 to 23/12/2020

COURSE OUTCOMES:

After completion of course, Student should be able to:

1. Apply safe working practices.
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VINAYAK VIDNYAN MAHAVIDYALAYA

DEPARTMENT OF CHEMISTRY

ADD-ON COURSE

SOIL TESTING AND ANALYSIS
ON

2 MARCH 2021 TO 20 MARCH 2021

DR. ALKA A. BHISE
PRINCIPAL

MR. NILESH S. PADOLE

CONVENER

COORDINATOR

DR. KAVITA P. KAKADE

DR. VINOD M. SHEREKAR
ORGANIZING COMMITTEE

Alka A. Bhise
PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Programme Schedule

| Sr. No | Date | Time | Session | Speaker |
|--------|----------|----------------|--|-----------------------|
| 1 | 02 March | 09.30-0945 AM | Inauguration | Dr. Alka A. Bhise |
| 2 | 02 March | 09.45-10.00 AM | Introductory speech | Dr. Alka A. Bhise |
| 3 | 03 March | 10.00-11.30AM | Introduction to Soil | Mr. Nilesh S. Padole |
| 4 | 04 March | 9.30-11.30AM | Physical and chemical properties of soil | Mr. Nilesh S. Padole |
| 5 | 05 March | 9.30-11.30AM | Biological properties of soil | Mr. Nilesh S. Padole |
| 6 | 06 March | 9.30-11.30AM | Fertility status of soil I | Mr. Nilesh S. Padole |
| 7 | 07 March | 9.30-11.30AM | Fertility status of soil I | Mr. Nilesh S. Padole |
| 8 | 11 March | 9.30-11.30AM | Soil Profile | Dr. Kavita P. Kakade |
| 9 | 12 March | 9.30-11.30AM | Soil classification | Dr. Kavita P. Kakade |
| 10 | 13 March | 9.30-11.30AM | Soil conservation | Dr. Kavita P. Kakade |
| 11 | 14 March | 9.30-11.30AM | Soil management | Dr. Kavita P. Kakade |
| 12 | 16 March | 9.30-11.30AM | Importance of soil testing | Dr. Kavita P. Kakade |
| 13 | 17 March | 9.30-11.30AM | Sample collection & store | Dr. Vinod M. Sherekar |
| 14 | 18 March | 9.30-11.30AM | Study Instrument I | Dr. Vinod M. Sherekar |
| 15 | 19 March | 9.30-11.30AM | Study Instrument II | Dr. Vinod M. Sherekar |
| 16 | 20 March | 9.30-11.30AM | Study of laboratory set up Soil test report | Dr. Vinod M. Sherekar |

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 Nandgaon Khian, Dist. Amravati

Mode of Registration:

- All interested candidates must submit their name to following teacher on or before 28.02.2021.
- Dr.Kavita P.Kakade , Dr.Vinod M. Sherekar

Course Schedule Information:

- Course will be conducted between 2 march to 20 march (Online Mode)
- Course will be of 15 days and 30 Hours.
- Course time will be 09.30 AM to 11.30 AM excluding Sunday.

About Certificate:

- After successful completion of the course, students will be issued certificate of participation.

Terms and Condition

1. Every student has to attend all session of the course
2. Submission of feedback on last day of the course is mandatory.


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Date 23.02.2021

Department of Chemistry

All students of Bachelor of Science IIIrd Year (CBZ and PCM) semester V are hereby informed that, department of chemistry is going to conduct 15 Days (30 Hours) Add-on Course on "Soil Testing and Analysis" from date 01/03/2021 to 20/03/2021.

There are only 20 seats are available for the course and will be allotted as first come first preference basis.

Therefore interested candidates can give their name to below mention teacher on before 27/02/2021.

Dr.Kavita P.Kakade

Dr.Vinod M. Sherekar

Further detail regarding the course will be provided accordingly.

Mr. Nilesh S. Padole
Assistant Professor
Department of Chemistry

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Department of Chemistry

Date 20/03/2021

Objective of Soil Testing Program

1. Evaluation of fertility status of soil.
2. Estimation of the available nutrients status of soil.
3. Estimation of the suitability of soil for laying garden.
4. Determination of acidity, alkalinity and salinity problem.
5. Recommendation of required amount of the fertilizers, lime or Gypsum based on soil test value.
6. To evaluate the fertility status of soils of a country, state or district.

Outcome of Soil Testing Program

After conducting this soil test program we found followings outcome for the students

1. Able to check the nutrients status of soil.
2. Able to recommend the required amount of fertilizers to the soil.
3. Able to determine the acidity or alkalinity or salinity of soil.
4. Able to decide the fertility status of soil.
5. Able to check suitability of soil for farming.


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Pravin Khodke Memorial Trust, Amravati

**VINAYAK VIDNYAN MAHAVIDYALAYA
NANDGAON KHANDESHWAR
DIST. AMRAVATI**

Department of Commerce
Organizes

**Online Certificate Course in Advanced Content of
Digital Marketing**



1 -10 AUGUST, 2020

Convener

Dr. Dasharath Vasant Kale

Assistant Professor

Department of Commerce

Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar Dist. Amravati

Registration link: <https://forms.gle/LZmo7wbQ6yPCCihy8>

Telegram link: <https://t.me/vvmcertificatecourse>



About Certificate course

The aim of the Advanced Content of Digital Marketing Course is to provide students with the knowledge about business advantages of the digital marketing and its importance for marketing success. Content marketing is customer relationship processes that requires unique and well-crafted content. With advanced content marketing, you go beyond the basics in an effort to reach your goals and help your content reach its intended audience.

Objectives of course

- ❑ This course trains participants to create compelling marketing content.
- ❑ This includes the key strategies needed to develop and enhance an effective content marketing strategy.
- ❑ To focus on digital marketing procedures and best practices
- ❑ To help deliver your product to the desired customers
- ❑ To learn various marketing strategy for product enrichment

- **Duration of the course** : 30 hrs.
- **Assessment procedure** : Multiple Choice Questions Test (50 marks)
- **Registration** : Free of cost
- **This course will be conducted through online mode.**
- **The Course timing will be from 10.00 am to 5.00 pm**
- **Attendance for all the session is mandatory**
- **On successful completion of the course, an E-Certificate will be issued.**

Contents

| Sr no | Particulars | Total period |
|-------|--|--------------|
| 01 | Introduction, Meaning and definition, objectives, importance of marketing, core concept in marketing. | 3 hrs |
| 02 | Basic concept of digital marketing, Meaning and definition, objectives, importance, role in business of digital marketing. | 3 hrs |
| 03 | E-Content Marketing, Use of Canva for Poster Designing | 3 hrs |
| 04 | Instagram Ads, Facebook live stream, Creating Facebook Ads | 3 hrs |
| 05 | Online banner advertising, Smartphone & Mobile marketing learning | 3 hrs |
| 06 | Google sites, Video sharing marketing, Social Media Marketing | 3 hrs |
| 07 | Creating business accounts on YouTube, YouTube Advertising | 3 hrs |
| 08 | Image Marketing, Event Marketing, B2B Marketing | 3 hrs |
| 09 | Twitter, Digital and Cyber Marketing | 3 hrs |
| 10 | Whats App Business, Telegram, E-mail marketing | 3 hrs |
| Total | | 30 hrs |

Course Scheduled during 1 to 10 August 2020

| Sr. No | Sub Title | Dates | Resource Person |
|--------|--|-----------|--|
| 01 | Introduction, Meaning and definition, objectives, importance of marketing, core concept in marketing. | 1-8-2020 | Mr. Amardeep Dhabadge (HJP College Himayatnagar, Nanded) |
| 02 | Basic concept of digital marketing, Meaning and definition, objectives, importance, role in business of digital marketing. | 2-8-2020 | Dr. P.N. Tayde (VVM Nandgaon kh) |
| 03 | E-Content Marketing, Use of Canva for Poster Designing | 3-8-2020 | Dr. D. V. Kale |
| 04 | Instagram Ads, Facebook live stream, Creating Facebook Ads | 4-8-2020 | Dr. G.D.Choudhari (DSM College Parbhani) |
| 05 | Online banner advertising, Smartphone & Mobile marketing learning | 5-8-2020 | Dr. Yogesh Gawali (VVM Nandgaon kh) |
| 06 | Google sites, Video sharing marketing, Social Media Marketing | 6-8-2020 | Mr. Nishant Jaiswal (VVM Nandgaon kh) |
| 07 | Creating business accounts on YouTube, YouTube Advertising | 7-8-2020 | Dr. G.D.Choudhari |
| 08 | Image Marketing, Event Marketing, B2B Marketing | 8-8-2020 | Mr. S. P. Ingle (HJP College Himayatnagar, Nanded) |
| 09 | Twitter, Digital and Cyber Marketing | 9-8-2020 | Dr. Arvind K. Raut (GDM Arts KRN Com & MD Sci College, Jamner, Jalgaon) |
| 10 | Whats App Business, Telegram, E-mail marketing | 10-8-2020 | Mr. Gajajnan Dagde (HJP College Himayatnagar, Nanded) |

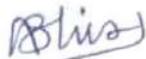
Notice

Date: 26/07/2020

All students of B.com III year are hereby informed that, Department of Commerce is organizing an **Online Certificate Course in Advanced Content of Digital Marketing**. Duration of Certificate Course is 30 hours from 1st August to 10th August 2020 and Course timing is from 10.00 am to 1.00 pm. This course will be conducted through online mode. Students should register for the course before 29 July 2020.


Convener


HOD
Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Principal
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

Online Notice of certificate course

B.com 2 nd Clever &

Praful Rajiv St. An. St. Anand M. N. St. Nagpur, p. St. Pramesh, St. PT. St. Rk. St. Sk. Vvm B. Vvm.

Registration form for Certificate Course on Advanced Content
Digital Marketing

Organization: Department of Commerce Vinayak Vidnyan Mahavidyalaya
forms.gle

डिजिटल मार्केटिंगच्या प्रगत सामग्रीवरील सर्टिफिकेट कोर्स

पविण खोडके मेमोरियल ट्रस्ट अमरावती द्वारा संचालित.
विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर, जिल्हा- अमरावती.

या स्पर्धेच्या युगामध्ये टिकून राहण्यासाठी प्रत्येकाला डिजिटल जगाशी जोडून राहणे आवश्यक आहे. कारण सोशल मीडिया, वेबसाईट, डिजिटल प्रोमोसिंग हे रोजच्या जीवनाचे भाग बनले आहेत. जगात प्रत्येक क्षेत्रात तंत्रज्ञानाचा वापर दिवसागणिक वाढत चालला असून आपल्या दैनंदिन आयुष्याचा बहुतांशी भाग डिजिटल तंत्रज्ञानाने व्यापून टाकला आहे. २०२० पर्यंत संपूर्ण जग डिजिटल होईल. यासाठी युद्धपातळीवर प्रयत्न सुरु आहेत. हे होत असतानाच डिजिटल मार्केटिंगच्या पर्यायाने सोशल मीडियाच्या क्षेत्राने देखील रोजगाराच्या लाखों संधी उपलब्ध होत आहेत. डिजिटल मार्केटिंग मध्ये अख्य गोष्टीचा समावेश होतो सोशल मीडिया मार्केटिंग, डिजिटल जाहिरात करणे, व्हाट्सएप मार्केटिंग, गुगल बिजनेस अशा गोष्टींचा आपल्या व्यवसायात किंवा व्यवसाय सुरु करण्यासाठी मार्केटिंगचा वापर करता येऊ शकतो. याचे प्रत्यक्ष रित्या मार्गदर्शन या कोर्समध्ये केले आहे. हा कोर्स वाणिज्य विभाग आयोजित करत आहे.

कोर्स मध्ये नोंदणी करण्यासाठी या लिंक वर क्लिक करा.

<https://forms.gle/LZmo7wb2v4PcE1w9>

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Praful Rajiv St. An. St. Anand M. N. St. Nagpur, p. St. Pramesh, St. PT. St. Rk. St. Sk. Vvm B. Vvm.

<https://sites.google.com/view/vvmcertificatcourse>

7/28/2020

रोज होणाऱ्या संवादासाठी या लिंक वर क्लिक करा: <https://forms.gle/LZmo7wb2v4PcE1w9>

हा कोर्स दि. 1 ऑगस्ट ते 10 ऑगस्ट 2020 दरम्यान राहिल. दि. 11 ऑगस्ट 2020 रोजी सकाळी 10 वाजता 50 मार्कसची टेस्ट घेण्यात येईल. या परीक्षेमध्ये किमान 40 टक्के गुण आवश्यक आहेत. जे विद्यार्थी किमान 40 % गुण घेतील, अशा विद्यार्थ्यांना सर्टिफिकेट कोर्सचे प्रमाणपत्र दिले जाईल.

मार्केटिंग क्षेत्रातील अनुभवी शिक्षकाकडून मार्गदर्शन

आयोजक

डॉ. दशरथ काळे

वाणिज्य विभाग

विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर, जिल्हा- अमरावती.

प्राचार्य

डॉ. अलका भिसे

विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर, जिल्हा- अमरावती.

Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Outcome of the Online Certificate Course in Advanced Content of Digital Marketing

- After the completion of the course, the students will be able to develop basic poster related to marketing purpose and How to design different pieces of content marketing copy that suit your specific target audience.
- After the completion of the course, the students will be able to create Facebook accounts and YouTube and use of social media for marketing.
- Students have understood about How to design relevant social media campaigns to capture your target market on a variety of social media channels.
- After the completion of the course, the students will be able to focus on digital marketing procedures and best practices and help deliver their product to the desired customers.
- After completion of this certificate course students will be able to know the importance of various marketing strategy for product enrichment.
- This course was based on all aspects of digital marketing such as search engine optimization, online advertising, Facebook, YouTube, Twitter, content marketing and more. All participants were satisfied this course.


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Nandgaon Kh.

FLYER



Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh) Dist.: Amravati
 Department of Zoology
Certificate Course in Bee Keeping
Inauguration Ceremony
 Date : 7th JULY 2021 Time : 12.00 p.m.

Guest Speaker

Dr. Vaibhav P. Khandwekar
 Assistant Professor
 Dept. of Zoology
 Baje College of Science
 (Autonomous)
 Wardha

President

Dr. Alka Bhise
Principal
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh)
 Amravati

ZOOM Meeting Link
<https://us02web.zoom.us/j/83306387436>



Valuable Resource Persons for the Course


Dr. Navin R Sharma
 Assistant Professor & Head
 Dept. of Zoology
 Arts, Comm. and Science College
 Maregaon
 Dist. Yavatmal


U. Suhas P. Idbekar
 Assistant Professor
 Dept. Of Zoology
 G S College Khambha
 Dist: Buldhana


Dr. Megha Solanke
 Assistant Professor & Head
 Dept. Of Zoology
 Arts Commerce College
 Warwat Bakal
 Buldhana


Dr. Pallavi Singh
 Assistant Professor
 Dept. Of Zoology
 Bharatiya Mahavidyalaya
 Amravati



Dr. Gajendrasingh Pachore
 Course -Coordinator
Organising Member

Dr. Pratibha Mahalle
 Head Dept. of Zoology

Dr. Swapnil Tinkhede
 Assistant Professor
 Dept. of Zoology

Mr. Subodh Bansod
 Assistant Professor
 Dept. of Zoology

G. S. Pachore.
Dr. Gajendrasingh Pachore
 Assistant Professor
 Department of Zoology
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh)

P. Mahalle
Head
Dept. of Zoology
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.

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 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Kh. Dist. Amravati



Sant Gadge Baba Amravati University, Amravati

Affiliated

Pravin Khodke Memorial Trust, Amravati's

Vinayak Vidnyan Mahavidyalaya,

Nandgaon (Khandeshwar)

District: Amravati

Certificate Course in Bee-Keeping (CCIB02)

| Sr.No | Heading | Particulars |
|-------|----------------------------|--|
| 1 | Title of the course & Code | Certificate Course In Bee-Keeping (CCIB01) |
| 2 | Eligibility | B.Sc. First year pass (not less than 45%) |
| 3 | Passing criteria | Minimum 45% in theory |
| 4 | Duration of the course | 30 Hours |
| 5 | Learning level | U.G |
| 6 | Date of Implementation | 7 th July 2021 |

Content

- Proposal of the course
- Motivation
- Objective of the course
- Outcome of the course
- Theory syllabus for certificate course in Ornamental Fishery (Course code: CCOFF-01)
- Program of the course
- Suggested Field Visits: Group activity & Visit to commercial aquarium shop for Entrepreneurial Skill Development.
- Suggested Reading.
- Web Addresses

G.S. Pachlore.
Dr. Gopendrasingh Pachlore
Assistant Professor
Department of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh)

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

A. Bliss
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Introduction

In rural India it has been profoundly seen that agriculture is the only source of earning. However the uncertainty of rain and ever increasing cost of fertilizers, seeds and farm labor has made it really an impossible affair. It has been suggested many times that an allied business with agriculture practice could help and also support the earning of a farmers family. Focusing mainly on this idea, the department of zoology has initiated the certificate courses in various fields. Certificate course in Beekeeping is one such Course to promote self-reliability among the wards of farmers. The syllabus of this course modularized offering opportunity to learners to study techniques in Beekeeping theoretically, practically and experimentally by directly working with established and successful entrepreneurs in this field. The institute is located in rural area and apparently serve the students who have an agriculture background. This course of Beekeeping could prove to be of a significant help not only in terms of monetary gains but also the ecological significance. The presence of Bee in and around the crop land increases the production of the crops by 30% hence installing bee hives in the farm land could prove to be of Double benefit, one the honey from the hieves could earn the amount while the inherent nature of bee to pollinate could also increase the production.

The present Career Oriented Course (COC) in '**Beekeeping**' is introduced for Undergraduate students of Science and Commerce faculty for the academic year 2020-21 with a view to enhance essential for employability, sustainability and agriculture enhancement. This is the first time we are introducing this course. This syllabus, emphasis on development of entrepreneurial potential and skills amongst the students

OBJECTIVES OF THE COURSE:

- 1) To Provide an Alternatives to regular agriculture crop practice
- 2) To inculcate importance of Bee keeping in relation with entrepreneurship development.
- 3) To give students knowledge about various techniques of Bee keeping and its marketing to make them self-sustainable after graduation.
- 4) To teach techniques of construction of Bee Hives and its maintenance.
- 5) To teach students about Honey production and health related problems with Honey bees.

OUTCOME OF THE COURSE:

- 1) At the end of the course student will be able to understand the technical and theoretical part of apiculture
- 2) At the end of the course the student will be able to Identify, handle and rear the honey bee
- 3) At the end of the course student will be able to understand the nuances of the economy of Apiculture

SYLLABUS OF THE COURSE

TITLE OF THE COURSE: CERTIFICATE COURSE IN BEE KEEPING

| Unit | Topic | Lectures Allotted | Mode of Teaching | Name of the teacher |
|------|---|-------------------|-------------------------|-------------------------------------|
| I | Overview of Beekeeping history - scope, importance | 5 | Online Lectures+ Videos | Dr Pratibha Mahalle |
| II | Species Diversity, Morphology, Anatomy and Social Organizations | 5 | Online Lectures+ Videos | Dr Swapnil Tinkhede |
| III | Honeybee Predators , Enemies and Disease Management | 5 | Online Lectures+ Videos | Dr Gajendrasingh Pachlore |
| IV | Economical Values of Honey and Its Products | 5 | Online Lectures+ Videos | Dr. Medha Solanke +Dr Pallavi Singh |
| V | Bee keeping: Tools and Equipment. | 5 | Online Lectures+ Videos | Mr. Subodh Bansod |
| VI | Honeybee Management | 5 | Online Lectures+ Videos | Dr Suhas Pidhekar +Dr Navin Sharma |

Detail Syllabus

UNIT – I Overview of Beekeeping history - scope, importance

- History of bee keeping: Definition, Bee keeping in worldwide, In India.
- Traditional bee keeping, Modern beekeeping, Urban or backyard beekeeping.
- Apiculture development in India - institutions involved.
- Role of Central HoneyBee Research & Training Institute.
- Economics of Beekeeping

UNIT – II Species Diversity, Morphology, Anatomy and Social Organizations

- Basic concepts of morphology of Honey bees - indigenous, exotic
- Honey bee species and identification. Origin, systematic and distribution of honey bees.
- Types of honey bees, Species of honey bees. Bee identification.
- Social organization in honey bees: Colony life and social organization – Queen, drone, worker. Annual biological cycle of the bee colony.
- Bee Flora

UNIT – III Honeybee Predators, Enemies and Disease Management

- Bee enemies and diseases: An introduction,
- Bee enemies – Wax Moth, Ants, Wasps, Microorganisms, Pests. Diagnosis and Identification.
- Mites attacking honey bees: Varroa mites, Mite Biology, Controlling Varroa Mites, Mechanical control, Mite-tolerant stocks, Biopesticides, Chemical (synthetic pesticide) treatments.
- Bacterial, viral, fungal & protozoan diseases: Bacterial disease - American Foulbrood, European Foulbrood,
- Viral disease - Deformed Wing Virus, Sacbrood Virus, Black Queen Cell Virus, Kashmir Bee Virus, Acute Bee Paralysis Virus; Fungal disease - Chalkbrood, Stonebrood; Protozoan disease - Nosemosis, *Nosema cerana*.

UNIT – IV Economical Values of Honey and Its Products

- Honey - its medicinal properties –
- Application of Honey in various fields - other valuable byproducts of honey bees
- Value added honey products. Properties of honey products, Nutrients and composition of honey, Acid content and flavor effects.
- Types of value added honey products. Honey /propolis and pollen
- Marketing of Bee Product

UNIT – V Bee keeping: Tools and Equipment.

- Basic requirements of Tools for starting bee keeping: Getting Started in Beekeeping - Land and Buildings, Equipment and supplies.
- Bee keeping equipment - introduction to types of bee boxes - BIS standard Tools used in apiculture.
- Bee breeding multiplication of colonies - Queen rearing technique.
- Honey extraction & handling - Quality control standards - Honey testing kit
- Processing of honey. Other valuable by products of honey bees. Bee venom & Royal jelly extraction.

UNIT – VI Honeybee Management

- Bee flora - importance propagation - congenial conditions for starting up of apiculture.
- Migratory Bee Keeping - designing floral Calendar
- Improved Agricultural practices - crop pollination - Pesticides impact on Honey bees.
- Management of Bee hives in Summer/winter /rainy Seasons
- Governmental scheme for apiculture

G.S. Pachlore.
Dr. Gajandrasingh Pachlore
Assistant Professor
Department of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

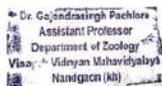
P. S. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

A. B. Inga
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kha. Dist. Amravati

Practicals

- 01 To study the morphology of Honeybees and Identification of different species and classes of Honey bees
- 02 To Study different stages in life cycle of Honey bees.
- 03 To study the behavior of Honeybees
- 04 Bee keeping unit - Handling of frames with colonies
- 05 Introduction of parts of Bee box - ISI 'A' type 'B' type & Tools used in Bee keeping
- 06 Colony inspection, maintenance - writing up of inspection report
- 07 Identification of Queen cells, Drone cells & Brood
- 08 Sugar feeding of colonies in scarcity period
- 09 Identification of swarming tendency in a colony - Removal of Drone cells
- 10 Identification of kinds of Queen cells.
- 11 Methods of Multiplication of Bee Colonies
- 12 Steps for strengthening of colonies - Requeening technique.
- 13 Bee flora - Propagation of bee plants - Preparation of floral calendar.
- 14 Migratory Bee Keeping - measures to be taken while transporting colonies - Mapping of areas for migration.
- 15 Extraction of Honey using Honey extractor, moisture reduction, packing and storing of Honey.
- 16 Methods of Extraction of Bees wax, Royal Jelly and Bee venom.

G.S. Pachlore.



psmahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

ABlins

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Nandgaon Khan. Dist. Amravati

Program of the Course:

1. Course will be of 30 Hours Including,
 - a) Online lecture Video (50 Mins Each)
 - b) Doubt Clearing session after every lecture (10 Mins)
 - c) Field Visit*/Practicals (Virtual in case of Lockdown)
 - d) Grand Test.
2. The candidate required to attend 75% lectures/periods.
3. The candidate must obtained 35% of the total marks in theory
4. Candidate will be offered English/Marathi/Hindi as a medium of instructions.
5. Examination will be MCQ Based and will be conducted Online or Offline Mode
6. All 12th examination passed and under graduate students (TYBSc) are eligible for this course.

Assessment method

- 1) Assessment will be based on theory paper of 25 MCQ based question of 2 marks each (50 Marks)
- 2) Duration of examination will be of 60 minutes

Suggested Field Visit at nearest and available location

(Optional in case of Lockdown Continues)

Management of *Apis Sp.*

Every student has to attend the field visit organized by the institute to gain knowledge about:

Equipment, Procurement of Colonies, location and management during scarcity, Building up of the colonies, importance of drawn out combs, multiplication of colonies, Honey Flow Management etc.

REFERENCES:

Reference Books

- Prospective in Indian Apiculture - R.C. Mishra
- Rearing queen bees in India - M.C. Suryanarayana et. al.
- Bee Keeping in India - G. K. Ghosh
- Technology and value addition of Honey - Dr. D. M. Wakhle and K. D. Kamble.
- ABC & XYZ of Bee culture - A. I. Root
- Indian Bee Journal - All India Bee Keeping Association
- Asian Bee Journal
- A Practical Manual of Beekeeping How to Keep Bees and Develop Your Full Potential as an Apiarist by David Cramp (z-lib.org)

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

WEB ADDRESS:

<http://nbb.gov.in/>

www.kvic.org.in

www.honeyflow.com

https://practicalaction.org/docs/technical_information_service/honey_processing.pdf

YOU TUBE VIDEOS LINKS FOR MORE INFORMATION ON BEEKEEPING:

<https://www.youtube.com/watch?v=1rh4uvkcUs>

<https://www.youtube.com/watch?v=I6E0yBOEv0o>

<https://www.youtube.com/watch?v=RCfNGL4aO4Y>

<https://www.youtube.com/watch?v=J0bl0HqN4Nk>

<https://www.youtube.com/watch?v=GMfCGhyS7fw>

Google Classroom Link

<https://classroom.google.com/c/MzY5OTY5NjQ5NDIy?cjc=244ivfi>

G.S. Pachlore.
Dr. Gajendrasingh Pachlore
Assistant Professor
Department of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh)

P. S. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Abhishek
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

Notice

This is to bring to the notice of all the B.Sc. (C.B.Z) Students of final year that the department of zoology is going to start a certificate course in Bee-Keeping.

The important dates and eligibility criteria for the admission in the course will be as follow

Important date

Start of Registration: 29th June 2021

Last date of Registration: 5th July 2021

Start of Course: 7th July 2021

Registration Link: <https://forms.gle/h2XfbrvJeZ4oF5fa6>

End of course (tentative): 30 days from the day of commencement

Eligibility Criteria

B.Sc. First year pass above 45 %

Time of Course

10.00 am to 10.45 am (Monday to Saturday)

Mode of teaching

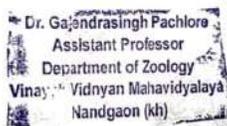
Online Live videos+ Recorded Video link from you tube.

Note: For further enquiry related to course Contact Dr. Gajendrasingh Pachlore (9422957763)

Regards

Course Coordinator
Dr. Gajendrasingh Pachlore

G.S. Pachlore.



ABhis
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Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Dr Pratibha Mahalle
Head of Department

psmahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

ak Vidnyan Mahavidyalaya, Nandgaon (Kh), Dist Amravati

CERTIFICATE COURSE IN BEE KEEPING

Course Schedule

| Day and Date | Time | Session | Topic | Key speaker/ Lecturer |
|---|----------------------|---------|---|---|
| Unit I 7 th July 2021 to 11 th July 2021 | 11.00 to 12.30 pm | | Inauguration 7 th July 11.00 to 12.30 pm | Dr. Vaibhav Khandwekar Asst Professor Dept of Zoology Bajaj College of Science |
| | 10.00 am to 11.00 am | | History of bee keeping: Definition, Bee keeping in worldwide, In India | Dr Pratibha Mahalle HOD Zoology VVM Nandgaon Khandeshwar |
| | 10.00 am to 11.00 am | | Traditional bee keeping, Modern beekeeping, Urban or backyard beekeeping | |
| | 10.00 am to 11.00 am | | Apiculture development in India - institutions involved | |
| | 10.00 am to 11.00 am | | Role of Central HoneyBee Research & Training Institute | |
| | 10.00 am to 11.00 am | | Economics of Beekeeping | |
| Unit II 12 th July 2021 to 16 th July 2021 | 10.00 am to 11.00 am | | Basic concepts of morphology of Honey bees - indigenous, exotic | Dr Swapnil Tinkhede VVM Nandgaon Khandeshwar |
| | 10.00 am to 11.00 am | | Honey bee species and identification. Origin, systematic and distribution of honeybees | |
| | 10.00 am to 11.00 am | | Types of honey bees, Species of honey bees. Bee identification. | |
| | 10.00 am to 11.00 am | | Social organization in honey bees: Colony life and social organization – Queen, drone, worker. Annual biological cycle of the bee colony. | |
| | 10.00 am to 11.00 am | | Bee Flora | |
| Unit III 17 th July 2021 to 21 th July 2021 | 10.00 am to 11.00 am | | Bee enemies and diseases: An introduction | Dr Gajendrasingh Pachlore VVM Nandgaon Khandeshwar |
| | 10.00 am to 11.00 am | | Bee enemies – Wax Moth, Ants, Wasps, Microorganisms, Pests. Diagnosis and Identification. | |
| | 10.00 am to 11.00 am | | Mites attacking honey bees: Varroa mites, Mite Biology, Controlling VarroaMites, Mechanical control, Mite-tolerant stocks, Biopesticides, Chemical (synthetic pesticide) treatments | |

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| | | | | |
|--|----------------------|--|--|---|
| | 10.00 am to 11.00 am | | Bacterial, viral, fungal & protozoan diseases: Bacterial disease - American Foulbrood, European Foulbrood, | |
| | 10.00 am to 11.00 am | | Viral disease - Deformed Wing Virus, SacbroodVirus, Black Queen Cell Virus, Kashmir Bee Virus, Acute Bee Paralysis Virus; Fungal disease - Chalkbrood, Stonebrood; Protozoan disease - Nosemosis, <i>Nosema cerana</i> . | |
| Unit IV | 10.00 am to 11.00 am | | Honey - its medicinal properties – | Mr. Subodh Bansod VVM Nandgaon Khandeshwar |
| 22 th July 2021 to 26 th July 2021 | 10.00 am to 11.00 am | | Application of Honey in various fields - other valuable byproducts of honey bees | |
| | 10.00 am to 11.00 am | | Value added honey products. Properties of honey products, Nutrients | |
| | 10.00 am to 11.00 am | | Types of value added honey products. Honey /propolis and pollen | |
| | 10.00 am to 11.00 am | | Marketing of Bee Product | |
| Unit V | 10.00 am to 11.00 am | | Basic requirements of Tools for starting bee keeping: Getting Started in Beekeeping -Land and Buildings, Equipment and supplies. | Dr Megha Solanke HOD zoology Arts and Commerce College ,Warwat Bakal Dist: Akola |
| | 10.00 am to 11.00 am | | Bee keeping equipment - introduction to types of bee boxes - BIS standard Tools used inapiculture | Dr Megha Solanke HOD zoology Arts and Commerce College ,Warwat Bakal Dist: Akola |
| | 10.00 am to 11.00 am | | Bee breeding multiplication of colonies - Queen reaching technique. | Dr Pallavi Singh Assistnat prof. Dept.of Zoology. Bhartiya Mahavidyalaya, Amravati |
| | 10.00 am to 11.00 am | | Honey extraction & handling - Quality control standards - Honey testing kit | Dr Megha Solanke HOD zoology Arts and Commerce College ,Warwat Bakal Dist: Akola |
| | 10.00 am to 11.00 am | | Processing of honey. Other valuable by products of honey bees.Bee venom & Royal jelly extraction | Dr Pallavi Singh Assistnat prof. Dept.of Zoology. Bhartiya Mahavidyalaya, |

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

| | | | | Amravati |
|--|-------------------------|--|--|---|
| Unit VI 1 st August 2021 to 5 th August 2021 | 10.00 am to 11.00 am | | Bee flora - importance propagation - congenial conditions for starting up of apiculture. | Lt Suhas Pidhekar Assistant Professor Dept. Of Zoology G S College Khamgaon Dist: Buldhana |
| | 10.00 am to 11.00 am | | Migratory Bee Keeping - designing floral Calendar | Dr Navin R Sharma Assistant Professor & Head Dept. of Zoology Arts, Comm. and Science College Maregaon Dist Yavatmal |
| | 10.00 am to 11.00 am | | Improved Agricultural practices - crop pollination - Pesticides impact on Honey bees | Lt Suhas Pidhekar Assistant Professor Dept. Of Zoology G S College Khamgaon Dist: Buldhana |
| | 10.00 am to 11.00 am | | Management of Bee hives in Summer/winter /rainy Seasons | Dr Navin R Sharma Assistant Professor & Head Dept. of Zoology Arts, Comm. and Science College Maregaon Dist Yavatmal |
| | 10.00 am to 11.00 am | | Governmental scheme for apiculture | Lt Suhas Pidhekar Assistant Professor Dept. Of Zoology G S College Khamgaon Dist: Buldhana |

G.S. Pachlore.

Dr. Gajendra Singh Pachlore
Assistant Professor
Department of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh)

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

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Nandgaon Khan, Dist, Amravati

NAAC CRITERION - I



Certificate Courses/Programs

(Year-2019-20)



Academic Year 2019-20

| Sr No | Name of Add on Certificate Programs offered | Course Code | Year of offering | No. of times offered during the same year | Duration of the course | Number of students enrolled in the year | Number of Students completing the course in the year |
|-------|--|-------------|------------------|---|------------------------|---|--|
| 1 | Certificate Course in Investment Planning | Commerce | 2019-20 | First time | 30 Hours | 40 | 40 |
| 2 | Basics of Spoken English | English | 2019-20 | First time | 30 Hours | 27 | 27 |
| 3 | Certificate Course in Vedic Mathematics | Mathematics | 2019-20 | First time | 30 Hours | 25 | 25 |
| 4 | Certificate Course in Soil Testing and Analysis | Chemistry | 2019-20 | First time | 30 Hours | 20 | 20 |
| 5 | Certificate Course in Ornamental Fishery | Zoology | 2019-20 | First time | 30 Hours | 20 | 20 |
| 6 | Certificate Course in Plant Tissue Culture | Botany | 2019-20 | First time | 30 Hours | 36 | 36 |
| 7 | Certificate Course in Electrical Equipment Repairing and Maintenance | Physics | 2019-20 | First time | 30 Hours | 20 | 20 |
| 8 | शुद्ध लेखन विषयक अभ्यासक्रम | मराठी | 2019-20 | First time | 30 Hours | 31 | 31 |



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Tq. Nandgaon Khandeshwar, Dist. Amravati

2019-20

Department of Commerce

Organizes

**CERTIFICATE COURSE IN
INVESTMENT PLANNING**



Convener

Dr. Yogesh Gawali

Assistant Professor

Department of Commerce

Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar

Dist. Amravati

Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

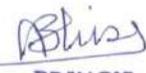
Notice

Date: 03/02/2020

All the students of B.comII&III year are hereby informed that, Department of Commerce is organizing a **Certificate Course in Investment Planning**. Duration of Certificate Course is 30 hours from 15th February 2022 to 12th April 2022 and Course timing is from 10.00 am to 11.00 am. Students should register for the course before 4Feb2020.


Convener


HOD
Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


PRINCIPAL
Principal
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



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DEPARTMENT OF COMMERCE

PROPOSAL

**CERTIFICATE COURSE IN INVESTMENT
PLANNING**

Year-2019-20


Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

DEPARTMENT OF COMMERCE

1.1 CERTIFICATE COURSE IN INVESTMENT PLANNING

| | |
|-----------------------------------|---|
| 1.1 | CERTIFICATE COURSE IN INVESTMENT PLANNING |
| Course level | Certificate Course |
| About Certificate Course | Certificate Course in Investment Planning is a program designed in such a way that it integrates the core skills of investment in the market. The course curriculum includes areas like Equity Shares, Mutual Funds, and Life Insurance etc, that make the complete subject an interesting one whilst giving a wholesome idea of how to invest. |
| Course Objective | Providing a detailed analysis of the investment planning offers students of all majors and backgrounds an alternative to the conventional finance class. Students will get a basic introduction to stocks as well as learn practical applications of how to invest. This course aims to help students build the ability and knowledge to make their own decisions with their investment decisions in the market. By the end of the course, students will not only know how to start investing on their own with a solid foundation. |
| 1.2 Duration of the Course | 30 days |
| 1.3.Assessment procedure | Multiple Choice Questions Test |
| Eligibility | 50% score in the HSC or any other equivalent or higher academic program pursued from a recognized university |
| Admission Process | First in first select |
| Intake capacity | 45 students |
| Course Fee | <i>NIL</i> |
| Recruiting Companies | Mutual funds companies like ABSL MF, HDFCMF, SBIMF and Life Insurance Corporation, General Insurance Company etc. |
| Job Positions | Share Broker, Mutual Fund Advisor, LIC and GIC Agents etc. |


Head
Dept. of Commerce
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.

1.5. Schedule

| Sr. No | Topic | Date | No. of period | Name of teacher |
|-------------------|---|-------------------------------------|---------------|------------------------|
| Unit -I | Investment Planning--- 4. Concept of Investment 5. Objectives of Investment 6. Strategy behind Investing | 6 Feb.2020 To 12 Feb 2020 | 06 | Dr. Yogesh Gawali |
| Unit -II | Two Sides of a Coin—Risk &Return 3. Concept of Risk & Return 4. Measuring of Risk & Return | 13 Feb 2020 To 20 Feb 2020 | 06 | Dr. Yogesh Gawali |
| Unit -III | Share Investment-- 5. Meaning of Share & Types of share 6. Listing of shares on Stock Exchange 7. Financial Instruments in the Stock Exchange 8. D-MAT Account Opening Procedure | 22 Feb 2020 To 28 Feb 2020 | 06 | Dr. Prafullkumar Tayde |
| Unit -IV | Mutual funds: 4. Concept and types of mutual funds 5. Products of mutual funds 6. Frequently used terms in mutual funds | 29 Feb 2020 To 6March 2020 | 06 | Mr. Nishant Jaiswal |
| Unit -V | Gold – as an investment: 4. Gold exchange traded funds 5. Pros and cons of investing in Gold 6. Physical gold v/s Gold ETFs | 7 March 2020 To 14 March 2020 | 06 | Dr. Dasharath Kale |
| Total days | | | 30 | |


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1.4. Contents:

| Sr. No | Topic | No of Period |
|-------------------|---|--------------|
| Unit -I | Investment Planning--- 1. Concept of Investment 2. Objectives of Investment 3. Strategy behind Investing | 06 |
| Unit -II | Two Sides of a Coin—Risk &Return 1. Concept of Risk & Return 2. Measuring of Risk & Return | 06 |
| Unit -III | Share Investment-- 1. Meaning of Share & Types of share 2. Listing of shares on Stock Exchange 3. Financial Instruments in the Stock Exchange 4. D-MAT Account Opening Procedure | 06 |
| Unit -IV | Mutual funds: 1. Concept and types of mutual funds 2. Products of mutual funds 3. Frequently used terms in mutual funds | 06 |
| Unit -V | Gold – as an investment: 1. Gold exchange traded funds 2. Pros and cons of investing in Gold 3. Physical gold v/s Gold ETFs | 06 |
| Total days | | 30 |


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Outcome of the program

- After completion of this certificate course students will be able to analyze the different sectors of investments.
- After completion of this certificate course students will be able to describe the operations of financial institutions and the services they provide.
- Students will get a basic introduction to stocks as well as learn practical applications of how to invest in the market.
- This course will be constructed to help students to know how to start investing on their own in the market.
- After completion of this certificate course students will be able to know the importance of life insurance in one's life.
- After completion of this certificate course students will be able to identify the pros and cons about investment in certain sectors like share market or mutual fund.


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Nandgaon Kh.

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Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar

DEPARTMENT OF ENGLISH

Organising a Certificate Course on

**BASICS OF
SPOKEN ENGLISH**

From 01/02/2020

PRESIDENT
DR. ALKA BHISE
PRINCIPAL VVMNK

CHIEF GUEST
DR. SUCHITA KHODKE
IQAC CO-ORDINATOR

CONVENOR AND TUTOR
RAJIV TAYDE
DEPARTMENT OF ENGLISH

For registration contact
Department of English


Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati



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Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

DEPARTMENT OF ENGLISH

PROPOSAL

“CERTIFICATE COURSE IN LANGUAGE AND COMMUNICAION”

The Basics of Spoken English'

YEAR 2019-20

Certificate Course 2019- 2020

Title - Certificate course on 'The Basics of Spoken English'.

Objectives:

- 1) To eradicate fear of English subject from students' mind.
- 2) To make students able to read the text with proper pronunciation.
- 3) To make students able to comprehend the text.
- 4) To make student able to frame short but grammatically correct sentences.
- 5) To develop student's interest into watching English movies , listening and singing English songs.
- 6) To make student aware of basic concept of English grammar.
- 7) To make student remember all the rules regarding grammar.
- 8) To make student use English grammar rule while speaking as well as writing.
- 9) To make student aware regarding competitive exam and English as an optional subject for main exam.

Duration of the course:

The duration of the course shall be of 30 hours and lectures shall be conducted during college hours. (Each day shall consist of one lecture of one hour. That is 30 days, 30 hours, 30 Lectures).

Eligibility of course:

Candidates who are admitted in B. Com and B.Sc. degrees will be eligible for the admission of the certificate course 'English Grammar for Competitive Exams'.

Medium of instruction and structure of examination:

1) Medium of instruction of the certificate course will be English and Marathi and question paper will be in English.

2) Candidates appearing for certificate course shall have to go through examination of 30 marks.

Eligibility for receiving certificate:

3) At least 75% attendance is compulsory. He or she should complete given homework and activities.

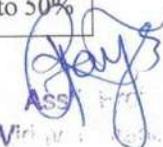
Standard of passing:

1) Students have to score at least 40% marks in certificate course examination.

2) Grades will be awarded to students at the end of the course on the basis of aggregate percentage of marks obtained by him or her.

3) Examination Type: Practical / Demonstrative

| Sr. No | Grade | Theory exam |
|--------|-------|-----------------------|
| 1 | A+ | 70% and above |
| 2 | A | In between 60% to 70% |
| 3 | B+ | In between 50% to 60% |
| 4 | B | In between 50% to 55% |
| 5 | C | In between 45% to 50% |


ASSISTANT PRINCIPAL
Vinayak Vidnyan Mahavidyalaya
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The course content:

- 1) An Introduction to English Language.
- 2) Pronunciation of Alphabets
- 3) Greetings and Salutations
- 4) How to Introduce Yourself
- 5) Tongue Twisters
- 6) Sing English songs
- 7) How to translate Sentences
- 8) Situational speaking practices
- 9) Pen your feelings
- 10) Mock interviews
- 11) Basics of grammar
- 12) Parts of Speech:
- 13) Tenses:
- 14) Modals
- 15) Active and Passive Voice
- 16) Change the Narration
- 17) Articles 'a, an, the'
- 18) Question Tag
- 19) Figures of Speech
- 20) Transformation of Sentences

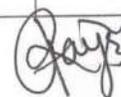
References:

1. Wren and Martin
2. Rapidex English speaking
3. B. C. Hasure


Asstt. Prof
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.

Schedule of the Course

| Sr. No. | Schedule | Period | Name of Teacher |
|---------|---|--------|--------------------|
| 1. | 1) An Introduction to English Language. Illustrate English is easier than Marathi language, Definitions, introduction of the terms, why grammar is necessary? removing fear of English. | 1 | Mr. Rajiv J. Tayde |
| 2. | 2) Pronunciation of Alphabets | 1 | Mr. Rajiv J. Tayde |
| 3. | 3) Greetings and Salutations | 1 | Mr. Rajiv J. Tayde |
| 4. | How to Introduce Yourself | 1 | Mr. Rajiv J. Tayde |
| 5. | Tongue Twisters | 1 | Mr. Rajiv J. Tayde |
| 6. | Sing English songs | 3 | Mr. Rajiv J. Tayde |
| 7. | How to translate Sentences | 2 | Mr. Rajiv J. Tayde |
| 8. | Situational speaking practices | 3 | Mr. Rajiv J. Tayde |
| 9. | Pen your feelings | 2 | Mr. Rajiv J. Tayde |
| 10. | Mock interviews | 2 | Mr. Rajiv J. Tayde |
| 11. | Basics of grammar | 1 | Mr. Rajiv J. Tayde |
| 12. | Parts of Speech: | 1 | Mr. Rajiv J. Tayde |
| 13. | Modals | 1 | Mr. Rajiv J. Tayde |
| 14. | Tenses | 2 | Mr. Rajiv J. Tayde |
| 15. | Change the Narration | 2 | Mr. Rajiv J. Tayde |
| 16. | Articles 'a, an, the' | 1 | Mr. Rajiv J. Tayde |
| 17. | Question Tag | 1 | Mr. Rajiv J. Tayde |
| 18. | Figures of Speech | 2 | Mr. Rajiv J. Tayde |
| 19. | Gerund | 1 | Mr. Rajiv J. Tayde |
| 20. | Transformation of Sentences | 2 | Mr. Rajiv J. Tayde |



Asstt. Prof

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.



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Notice

All the students in college are informed that, our college has decided to organize **A Spoken English Class, 'Basics of Spoken English'** for students from **1st February 2020**. Those who are interested will contact **asst. prof. Rajiv Jayantrao Tayde** and register their names.

Date: 27/01/2020

Dr. Alka Bhise

Principal

Vinayak Vidnyan Mahavidyalaya

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

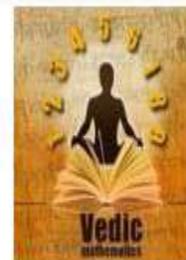


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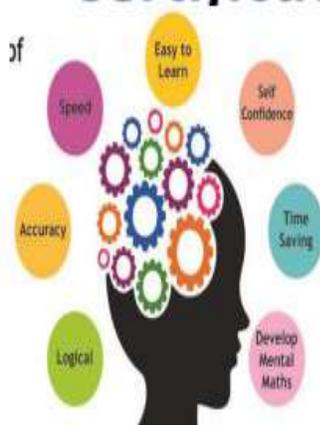
Vinayak Vidnyan Mahavidyalaya

Tq. Nandgaon Khandeshwar, Dist. Amravati



Skill Oriented Course

Certificate Course in Vedic Mathematics



organized by

Department of Mathematics and IQAC

on 21st to 30th July 2019

Time: 8:00 a.m. to 11:00 a.m.

Eligibility: Any graduate student.

Resource Person: Mr. Ajay Sonarkar, M.Sc. Mathematics

Contact

Mr. A.G. Mathane
Department of Mathematics

Dr. Suchita Khodke
IQAC Coordinator



Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Mathematics

Skill Oriented Course-Certificate Course in Vedic Mathematics

Session-2019-20

Objectives:

- To enhance computation skills in students.
- Improve mathematical calculations.
- To develop analytical thinking through Vedic Mathematics

About Vedic Mathematics:

Vedic Mathematics was discovered by Indian mathematician Jagadguru Shri Bharathi Krishna Tirtha in the period between A.D. 1911 and 1918. Later the findings were published in form of a book on Vedic Mathematics by Tirthaji Maharaj who was also known as Bharati Krsna. Bharati Krsna was born in 1884 and died in 1960. He was a brilliant student, obtaining the highest honours in all the subjects he studied, including Sanskrit, Philosophy, English, Mathematics, History and Science. When he heard what the European scholars were saying about the parts of the Vedas which were supposed to contain mathematics he resolved to study the documents and find their meaning. Between 1911 and 1918 he was able to reconstruct the ancient system of mathematics which we now call Vedic Mathematics. Vedic Mathematics is a collection of Techniques/Sutras to solve mathematical arithmetic in easy and faster way. It consists of 16 Sutras (Formulae) and 13 sub-sutras (Sub Formulae) which can be used for problems involved in arithmetic, algebra, geometry, calculus, conics. Vedic Mathematics is a system of mental Mathematics. Many of the Vedic methods are interrelated. This is in complete contrast to the modern system. Using regular mathematical steps for solving problems at times are intricate and time consuming. But using Vedic Mathematics' General and Specific Techniques numerical calculations can be done very fast and accurately. Vedic Mathematics saves a lot of time, as calculations are much easier and faster. Definitely these techniques would be handy for the students during exams and particularly for the competitive exams which are time bound.

Amathane



Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Mathematics

Skill Oriented Course-Certificate Course In Vedic Mathematics

Timetable:

| Date | Day | Time |
|------------|-----------|-------------------------|
| 21-07-2019 | Sunday | 8:00 a.m. to 11:00 a.m. |
| 22-07-2019 | Monday | 8:00 a.m. to 11:00 a.m. |
| 23-07-2019 | Tuesday | 8:00 a.m. to 11:00 a.m. |
| 24-07-2019 | Wednesday | 8:00 a.m. to 11:00 a.m. |
| 25-07-2019 | Thursday | 8:00 a.m. to 11:00 a.m. |
| 26-07-2019 | Friday | 8:00 a.m. to 11:00 a.m. |
| 27-07-2019 | Saturday | 8:00 a.m. to 11:00 a.m. |
| 28-07-2019 | Sunday | 8:00 a.m. to 11:00 a.m. |
| 29-07-2019 | Monday | 8:00 a.m. to 11:00 a.m. |
| 30-07-2019 | Tuesday | 8:00 a.m. to 11:00 a.m. |

Contents:

1. Introduction of Vedic Mathematics

- 16 Sutras
- 13 sub-sutras

2. Multiplication

- Urdhwatiryakabhyam method
- Nikhilam method
- Combine operation of addition and subtraction
- Ganit Samucchaya

2. Division (upto three digits)

- Nikhilam Method
- Paravarta Yojayet Method
- GCD and LCM

3. Divisibility Test

- Anurupayen Method
- Osculation Method

4. Powers (upto three digits)

- Square and square roots
- Cube and cube roots

References Books of Vedic Mathematics:

- Bharatiya Krishna Teerth: Vedic Mathematics

I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

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Nandgaon Khan, Dist. Amravati



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Department of Mathematics

Skill Oriented Course-Certificate Course in Vedic Mathematics

| S.N. | Date | Content Taught | Session taught by | No. of Students Present |
|------|------------|---|-------------------|-------------------------|
| 1 | 21/07/2019 | Introduction of Vedic Mathematics 16 Sutras 13 sub-sutras | Mr. Ajay Sonarkar | 26 |
| 2 | 22/07/2019 | Urdhwatiryakabhyam method Nikhilam method | Mr. Ajay Sonarkar | 25 |
| 3 | 23/07/2019 | Combine operation of addition and subtraction | Mr. Ajay Sonarkar | 27 |
| 4 | 24/07/2019 | Ganit Samucchaya | Mr. Ajay Sonarkar | 27 |
| 5 | 25/07/2019 | Nikhilam Method | Mr. Ajay Sonarkar | 25 |
| 6 | 26/07/2019 | Paravarta Yojayet Method | Mr. Ajay Sonarkar | 27 |
| 7 | 27/07/2019 | GCD and LCM | Mr. Ajay Sonarkar | 27 |
| 8 | 28/07/2019 | Anurupayen Method | Mr. Ajay Sonarkar | 27 |
| 9 | 29/07/2019 | Osculation Method | Mr. Ajay Sonarkar | 27 |
| 10 | 30/07/2019 | Revision | Mr. Ajay Sonarkar | 27 |

Amalhan e



SANT GADGE BABA AMRAYATI UNIVERSITY, AMRAYATI AFFILIATED

Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Chemistry
Organise

Add-on course on
"Soil Testing and Analysis"

FROM
03 FEBRUARY TO 19 FEBRUARY 2020

Dr. Alka A. Ehise
Principal
Vinayak Vidnyan Mahavidyalaya

Dr. Kavita D. Kakade
Coordinator

Mr. Nitesh S. Dadele
Convener

Organising Committee
Dr. Vinod M. Sherekar
Ms. Priya Chandel
Mr. Avinash Jadhao

Bliss
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Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Program Schedule

| Sr. No | Date | Time | Session | Speaker |
|--------|--------|---------------|--|---------------------|
| 1 | 3 Feb | 09.30-0945 AM | Inauguration | Dr.Alka A.Bhise |
| 2 | 3 Feb | 0945-1000 AM | Introductory speech | Dr.Alka A.Bhise |
| 3 | 3 Feb | 10.00-11.30AM | Introduction to Soil | Mr.Nilesh S Padole |
| 4 | 4 Feb | 9.30-11.30AM | Physical and chemical properties of soil | Mr.Nilesh S Padole |
| 5 | 5 Feb | 9.30-11.30AM | Biological properties of soil | Mr.Nilesh S Padole |
| 6 | 6 Feb | 9.30-11.30AM | Fertility status of soil I | Mr.Nilesh S Padole |
| 7 | 7 Feb | 9.30-11.30AM | Fertility status of soil I | Mr.Nilesh S Padole |
| 8 | 8 Feb | 9.30-11.30AM | Soil Profile | Dr.Kavita P.Kakade |
| 9 | 10 Feb | 9.30-11.30AM | Soil classification | Dr.Kavita P.Kakade |
| 10 | 11Feb | 9.30-11.30AM | Soil conservation | Dr.Kavita P.Kakade |
| 11 | 12Feb | 9.30-11.30AM | Soil management | Dr.Kavita P.Kakade |
| 12 | 13Feb | 9.30-11.30AM | Importance of soil testing | Dr.Kavita P.Kakade |
| 13 | 14Feb | 9.30-11.30AM | Sample collection & store | Dr.Vinod M.Sherekar |
| 14 | 15Feb | 9.30-11.30AM | Study Instrument I | Dr.Vinod M.Sherekar |
| 15 | 17Feb | 9.30-11.30AM | Study Instrument II | Dr.Vinod M.Sherekar |
| 16 | 18Feb | 9.30-11.30AM | Study of laboratory set up | Dr.Vinod M.Sherekar |
| 17 | Feb | 9.30-11.30AM | Soil test report | Dr.Vinod M.Sherekar |

Registration Fee : No Registration Fee

• Mode of Registration:

- All interested candidates must submit their name to following teacher on or before 31.01.2020.
- Dr.Kavita P.Kakade Dr.Vinod M. Sherekar

• Course Schedule Information:

- Course will be conducted between 3 February to 19 February 2020.
- Course will be of 15 days and 30 Hours.
- Course time will be 09.30 AM to 11.30 AM excluding Sunday.

• About Certificate:

- After successful completion of the course, students will be issued certificate of participation.

• Terms and Condition

1. Every student has to attend all session of the course failing which no certificate will be issue.
2. Submission of feedback on last day of the course is mandatory.

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Tq. Nandgaon Khandeshwar, Dist. Amravati

Date 28.01.2020

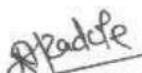
Department of Chemistry

All students of Bachelor of Science IIIrd Year (CBZ and PCM) semester V are hereby informed that, department of chemistry is going to conduct 15 Days (30 Hours) Add-on Course on "Soil Testing and Analysis" from date 03/02/2020 to 19/02/2020.

There are only 20 seats are available for the course and will be allotted as first come first preference basis. Therefore interested candidates can give their name to below mention teacher on before 31/01/2020.

Dr. Kavita P. Kakade
Dr. Vinod M. Sherekar

Further detail regarding the course will be provided accordingly.


Mr. Nilesh S. Padole
Assistant Professor
Department of Chemistry


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Nandgaon Khan, Dist. Amravati



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Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Chemistry

Date 20/02/2020

Objective of Soil Testing Program

1. Evaluation of fertility status of soil.
2. Estimation of the available nutrients status of soil.
3. Estimation of the suitability of soil for laying garden.
4. Determination of acidity, alkalinity and salinity problem.
5. Recommendation of required amount of the fertilizers, lime or Gypsum based on soil test value.
6. To evaluate the fertility status of soils of a country, state or district.

Outcome of Soil Testing Program

After conducting this soil test program we found followings outcome for the students

1. Able to check the nutrients status of soil.
2. Able to recommend the required amount of fertilizers to the soil.
3. Able to determine the acidity or alkalinity or salinity of soil.
4. Able to decide the fertility status of soil.
5. Able to check suitability of soil for farming.

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Nandgaon Khan, Dist. Amravati.

**Syllabus Prescribed For
Certificate Course in Soil Testing
(Section-A)
Introduction to Soil Science**

Max. Marks : 40

- Unit – I :** **Introduction:**
Definition of Soil, Concept of Lithosphere, Soil as a natural body, Soil Components: Air, Water, inorganic and organic solids, Formation of Soil, Types of Soils & Basic Concepts.
- Unit – II :** **Properties of Soil:**
Introduction to properties of Soil:
A) Physical Properties :-
Soil Separates, Texture, Aggregation and Structure, Temperature, Colour, Properties of Soil Mixture, Pore Space, Bulk Density, Particle Density, Aeration and Drainage, Compaction, Surface area, Soil water relationships.
B) Chemical Properties :-
Morphology of Colloids, Chemistry of Clays, Ionic Exchange, Acidity, Alkalinity, pH, Salinity, Reactions in Liming and Acidification.
C) Biological Properties :-
Soil Organic Matter, C: N Relationships, N-Transformation, Soil Organisms, Sulfur Transformation.
- Unit – III :** **Fertility Status of Soils**
Fertility status of soils, soil deficiency with respect to macro and micro nutrient components, brief study of micronutrient & macronutrient sources & Importance, remedial measures to overcome deficiency.
- Unit – IV :** **Soil Profile & Classification**
Soil profile, Soil forming factors, soil survey methods, soil survey reports, soil distribution, classification system.
- Unit – V :** **Conservation and Management**
Drainage, Soil erosion, types of Irrigation, Land use Classification, Plant & Animal waste, Municipal & Industrial by products & their impact, nutrient loading, tillage system, wetlands.

Books Recommended :

1. Soils and soil fertility, Troch, F.R. And Thompson, L.M. Oxford Press.
2. Fundamentals of soil science, foth, H.D. Wiley Books.
3. Soil Science and Management, Plaster, Edward J., Delmar Publishers.
4. Principles of Soil Chemistry (2Wed.) Marcel Dekker Inc., New York.
5. Handbook of Agricultural Sciences, S.S.Singh, P.Gupta, A.k.Gupta, Kalyani Publication.

(Section-B) Soil Testing and Analysis

Max. Marks : 40

Unit – I : Importance of Soil Testing and Analysis

Unit – II :

Sample Collection and Processing Purpose of Soil testing and analysis, selection of field, Method of Soil Sample collection Methods of soil sample processing, precautions during soil collection & processing, Preservation labeling and Storage of soil samples, various types of tools used for collection.

Unit – III : **Study of Instruments:**

Brief study of instruments : PH Meter, Conductivity meter, spectrometer, UV-Spectrophotometer, (Calibration, Instrumentation, applications only) use of soil testing kit and mobile soil testing van. Kjeldahl's Assembly for determination of nitrogen.

Unit – IV : **Study of Laboratory Setup**

Laboratory Layout, Built up area, Laboratory requirements, working pattern, budget requirement, trained manpower, various funding schemes and agencies.

Unit – V : **Soil Test Report & Fertilizer Recommendation :**

Preparation of Soil analysis and test report, Fertilizer recommendation, preparation of soil test summaries and fertility maps.

Books Recommended (Books suggested for Reading) :

1. Soil Sampling, Preparation and analysis, Marcell Dekker, Inc, New York.
2. Soil Sampling and methods of analysis, Carter M.R. and E.G.Gregorich, 2007, 2nd Ed..
3. Methods of soil analysis, Part, American society of Agronomy Inc., Kluwer, A.Het., 1986.

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PRACTICALS

Soil Analysis & Testing Methods

1. Visit to Soil Testing Laboratory & Report writing.
2. Visit to Farmers Fields for Collection of Soil Samples, identification of nutrient deficiency Symptoms in Crop.
3. Preparation of Various Chemical reagents required for soil testing.
4. Processing of Soil Sampling for analysis
5. Determination of PH of soil sample using PH meter
6. Determination of Electrical Conductivity of Soil Sample using Electrical Conductivity meter.
7. Determination of Organic Carbon by wet Oxidation method.
8. Determination of available Nitrogen from Soil Sample.
9. Determination of available phosphorus from soil sample.
10. Determination of available Potassium from soil sample.
11. Determination of Calcium Carbonate from soil sample.
12. Determination of micronutrients from soil sample.
13. Determination of lime requirement of deiclic soil.
14. Determination of Gypsum requirement of Soil.
15. Preparation of soil test report, Interpretation of result and fertilizer recommendation.
16. Preparation of soil test summaries and fertility maps.
17. Preparation of Soil Health Card.
18. Use of Various soil testing kits and working of mobile soil testing van.

Books Recommended:

1. Introduction to soil laboratory manual -J.J.Harsett stipes.
2. Introduction to soil science laboratory manual, Palmer and troch - Iowa state.


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Pravin Khodke Memorial Trust, Amravati's
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Nandgaon Khandeshwar, Dist. Amravati

Department of Zoology

Certificate Course in Ornamental Fishery



Important date

Start of Registration: 28 January 2020

Last date of Registration: 31 January 2020

Start of Course: 3rd February 2020

End of course (tentative): 5th March 2020

Eligibility Criteria

B.Sc. First year pass above 45 %

Time of Course

10.00 am to 10.45 am (Monday to Saturday)



Notice

This is to bring to the notice of all the B.Sc (C.B.Z) Students of second and final year that the department of zoology is going to start a certificate course in Ornamental Fishery. The important dates and eligibility criteria for the admission in the course will be as follow

Important date

Start of Registration: 28 januray2020

Last date of Registration: 31 January 2020

Start of Course: 3rd February 2020

End of course (tentative): 5th March 2020

Eligibility Criteria

B.Sc. First year pass above 45 %

Time of Course

10.00 am to 10.45 am (Monday to Saturday)

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh) Dist. Amravati (M.S)
Department of Zoology

Certificate course
In
Ornamental Fishiery
CCOF01

| Sr.No | Heading | Particulars |
|-------|----------------------------|---|
| 1 | Title of the course & Code | Certificate course In Ornamental Fish FarmingCCOF01 |
| 2 | Eligibility | B.Sc. First year pass (not less than 45%) |
| 3 | Passing criteria | Minimum 45% in theory |
| 4 | Duration of the course | 30 Hours |
| 5 | Learning level | U.G |
| 6 | Date of Implementation | 02 February 2020 – 5th March 2020 |

Content

- Proposal of the course
- Motivation
- Objective of the course
- Outcome of the course
- Theory syllabus for certificate course in Ornamental Fishery (Course code: CCOFF-01)
- Program of the course
- Suggested Field Visits: Group activity & Visit to commercial aquarium shop for Entrepreneurial Skill Development.
- Suggested Reading.
- Web Addresses.

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Proposal for Certificate Course in Ornamental Fishery

To,
The Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar
Dist. Amravati

Subject: Proposal for Certificate Course in Ornamental Fishery

Respected Madam,

The Department of Zoology wish to submit a Proposal for Certificate Course in Ornamental Fishery, please consider it for your perusal. The course has been designed specifically keeping in mind the rural backdrop of our students. This Course will help to build an entrepreneurial opportunity. Also it will support for additional source of income.

Eligibility: a) B.Sc. First year pass (not less than 45%)
b) Regular Students of B.Sc.

Course Duration: One Month (30 Days)

Mode of Teaching: Offline + Online

Number of Students/Course: 20

Assessment Method: MCQ based test after the completion of course

Course Completion Certificate will be provided to all the enrolled students who score more than 45% in final exam.

We Hope you will consider our proposal and will grant us the permission to run the course.

Regards

P. Mahalle
Co-ordinator
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Motivation:

In rural India it has been profoundly seen that agriculture is the only source of earning. However the uncertainty of rain and ever increasing cost of fertilizers, seeds and farm labour has made it really an impossible affair. It has been suggested many times that an allied business with agriculture practice could help and also support the earning of a farmers family. Focusing mainly on this idea, the department of zoology of Vinayak Vidnyan Mahavidyalaya, Nandgaon (kh) has initiated the certificate courses in various fields. Certificate course in Ornamental Fishery is one such Course to promote self-reliability among the wards of farmers. The syllabus of this course modularized offering opportunity to learners to study techniques in ornamental fishery theoretically, practically and experimentally by directly working with established and successful entrepreneurs in this field.

Objectives of the course:

- 1) To inculcate importance of ornamental fishery in relation with entrepreneurship development.
- 2) To give students knowledge about various techniques of ornamental fish breeding, rearing and it's marketing to make them self-sustainable after graduation.
- 3) To teach techniques of construction of glass aquarium and its maintenance.
- 4) To teach students about fish food production and health related problems with ornamental fish.

Outcome of the course:

- 1) At the end of the course student will be familiar with Various Ornamental Fishes.
- 2) At the end of the course student will be able to breed and rear the ornamental fishes.
- 3) At the end of the course students will develop entrepreneurial skill.

P. Mahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

THEORY SYLLABUS OF THE COURSE ORNAMENTAL FISHERY

| Unit | Title |
|-------------|--|
| I | Introduction to Aquaculture and Ornamental Fishes Trading |
| II | Introduction to Ornamental fishes and its management |
| III | Fish Breeding and rearing in Live Bearers |
| IV | Fish Breeding and rearing in Egg layers |
| V | Introduction to Aquarium plants and its propagation techniques |
| V I | Engineering Aspect and construction of aquarium |

Detail Syllabus

UNIT-I

Introduction to Aquaculture and Ornamental Fishes Trading

- Basics of aquaculture-definition and scope.
- History of aquaculture: Present global and national scenario.
- World trade of ornamental fish and export potential.
- Different varieties of exotic and indigenous fishes.
- Ornamental fisheries- new dimensions in aquaculture entrepreneurship

UNIT- II

Introduction to Ornamental fishes Fish-diseases and their management

- Introduction to aquarium and aquarium accessories.
- Basic knowledge on profile of ornamental fishes in world
- Basic knowledge and profile of some selected indigenous Indian ornamental fishes
- Live Food culture for tropical ornamental fish
- Fish Disease and their management
- Feeding for breeding and maintenance of ornamental fish.

UNIT-III

Fish Breeding and rearing in Live Bearers

- Breeding of ornamental fish with reference to live bearer species.
- Breeding of Guppies, Mollies, Sword-tail fish and Platy fish
- Introduction hatchery management system for live bearers
- Nursery management of live bearers and rearing of live bearers

UNIT- IV

Fish Breeding and rearing in Egg layers

- Breeding of ornamental fish with reference to selected egg layer species.
- Introduction to Breeding of Angel fish, Zebra fish and Neon tetra
- Introduction hatchery management system for egg layers
- Nursery management of egg layers Special emphasis on Breeding of Gold fish.

UNIT-V

Introduction to Aquarium plants and its propagation techniques

- Introduction to Aquarium plants and their export potential.
- Profiles of some selected aquarium plants.
- Morphology, multiplication of aquarium plants – different methods.
- Aquarium plant propagation.
- Management of ornamental aquatic plants and its trading

UNIT VI

Engineering Aspect and construction of aquarium

- Construction, settings and maintenance of aquarium
- Construction of ornamental fish unit
- Engineering aspect in Ornamental Fish Farming

Practical

- 1) Identification of common live bearer ornamental fishes: - Guppy, Molly, Platy, Sword Tail.
- 2) Identification of common Egg layer ornamental fishes: - Angel, Neon tetra
- 3) Identification of common Egg layer ornamental fishes: Discus and Siamese fighter
- 4) Identification of common Egg layer ornamental fishes: Gold fish, Koi Carp
- 5) Identification of common Egg layer ornamental fishes: Danio- Zebra, and Flower Horn.
- 6) Fabrication of all-glass aquarium demonstration
- 7) Setting-up and maintenance of aquarium
- 8) Introduction to Aquarium accessories and equipment's.
- 9) Conditioning and packing of ornamental fishes.
- 10) Preparation of ornamental fish feed.
- 11) Identification of aquarium plants

Program of the course

- 1) This certificate course will be of 30 hours
- 2) Every working day will have one theory (1 Hrs. =45 minutes)
- 3) Field visit and visit to commercial aquarium shops
- 4) Candidate require to attain 75% lectures/periods
- 5) Candidate must obtain 35% of the total marks in theory
- 6) Candidate will be offered English as a medium of examination.
- 7) All first year passed and final year appearing students are eligible for this course.

Assessment method

- 1) Assessment will be based on theory paper of MCQ based question of 50 Marks
- 2) Duration of examination will be of 90 minutes

Suggested Field Visits:

It is mandatory for the students to take one compulsory field visit at nearby Unit of Aquaculture. The visit will be organised by department along with the participants of the course.

Visit to commercial Aquarium

A compulsory visit will be organised for the Participant of the course at a commercial aquarium. To understand the sales and marketing of ornamental fishes.

Suggested Reading

Fish Biology By C.B.C. Srivastava – Narendra Pub. House.

Text Book of Fish Biology and Indian Fisheries By Dr. R. P. Parihar, Central Pub. House,

Fish & Fisheries By Chandy – National Book Trust.

An Introduction to Fishes By Khanna S.S. – Central Book Depot, Allahabad (1993).

Aquaculture, Principles and Practices By Pillay T.V.R. – Fishing News Books (1988).

Web Links for further information

<https://mpeda.gov.in/MPEDA/#>

www.nabard.org

Psmahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Schedule of the course

| February 2020 | | | | | | |
|---------------|---|--|--|--|--|---|
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| | | | | | | 1 |
| 2 | Inauguration 3 | Basis of aquaculture- definition and scope 4 | History of aquaculture- Present global and national scenario 5 | Ornamental fisheries- new dimensions in aquaculture entrepreneurship 6 | Introduction to aquarium and aquarium accessories 7 | Basic knowledge on profile of ornamental fishes in world 8 |
| 9 | Basic knowledge and profile of some selected indigenous Indian ornamental fishes 10 | live Food culture for tropical ornamental fish 11 | Fish Disease and their management 12 | Feeding for breeding and maintenance of ornamental fish 13 | Breeding of ornamental fish with reference to live bearers species 14 | Breeding of Guppies, Mollies, Sword-tail fish and Platy fish 15 |
| 16 | Introduction hatchery management system for live bearers 17 | Nursery management of live bearers and rearing of live bearers 18 | 19 | Breeding of ornamental fish with reference to selected egg layer species 20 | Introduction to Breeding of Angel fish, Zebra fish and Neon tetra 21 | Introduction hatchery management system for egg layers 22 |
| 23 | Nursery management of egg layers special emphasis on Breeding of Gold fish 24 | Introduction to Aquarium plants and their export potential 25 | Profiles of some selected aquarium plants. 26 | Morphology, multiplication of aquarium plants— different methods 27 | Aquarium plant propagation 28 | Aquarium plant propagation 29 |
| | | | | | | |

March

2020

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|---|--|---|---|---------------|---------------|
| 1 | 2 Management of ornamental aquatic plants and its trading | 3 Construction, settings and maintenance of aquarium | 4 Construction of ornamental fish unit | 5 Engineering aspect in Ornamental Fish Farming | 6 Examination | 7 Validictory |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 1 | 2 | 3 | 4 |

B. Mahalle

Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DIST-AMRAVATI



A PROPOSAL

For

E-CERTIFICATE COURSE

IN

Plant Tissue Culture

Submitted by

Department of Botany

2019-2020

A proposal to start E Certificate Course in 'Plant tissue culture'

- ❖ **Name of the Course:** E- Certificate Course in 'Plant tissue culture'
- ❖ **Course Convener and Co-convener:** Dr.Suchita Khodke and Mr.S.V.Hiwarale
- ❖ **Eligibility:** Open for all
- ❖ **Intake capacity:** No limit (Online)
- ❖ **Course Hours:** 30 hrs.
- ❖ **Course aim and overview**

Tissue culture is a collection of techniques used to maintain or grow plant cells, tissues, or organs under sterile conditions on a nutrient culture medium of known composition. It is widely used, to produce clones of a plant in a method known as micropropagation. Plant tissue culture may be used for genetic modification of a plant or simply increase its yield. The cells of the plants can be genetically altered to produce plants with desirable characteristics. This technique utilizes the plant's ability to rejuvenate the tissues rapidly.

The aim of the e-certificate course in plant tissue culture is to improve the knowledge of students about the tissue culture and also aim to know the above mentioned applications.

- ❖ **Course Objectives**

To provide the opportunities to the students to acquire the knowledge, values, commitment, and skills towards the following

1. Basic concepts of Plant Tissue Culture
2. The instruments used for Plant Tissue Culture
3. Preparation of stock solutions and nutrient media
4. Sterilization techniques
5. Organ culture and their applications
6. Synthetic seed production, Micropropagation and Cryopreservation

❖ Course Outcomes

After completion of this course, students should be able to,

1. Basic concepts of Plant Tissue Culture (PTC)
2. Laminar air flow, Autoclave, Growth chamber
3. Glassware washing and sterilization technique
4. Preparation of stock solutions and nutrient media
5. Plant growth regulators (Growth Hormones)
6. Types of organ culture and their applications
7. Synthetic seed production
8. Strategies of micropropagation
9. Cryopreservation



**Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar, Dist- Amravati.**

Department of Botany

Under the Aegis of IQAC

Organizes

**E-Certificate Course on
Plant Tissue Culture**

From 1st June to 7th June 2020



- Keynote Speakers -



Dr. Dhiraj D. Naik

Assistant Professor,
Department of Botany,
Jankidevi Bajaj College of Science,
Wardha.

Dr. Varsha Hutke

Associate Professor,
Department of Botany
Govt. Vidarbha Institute of Science and
Humanities, Amravati.

Click on the link for registration <https://forms.gle/iQ7JFZBRYHVVTxoDs9>

About College

Vinayak Vidnyan Mahavidyalaya was established in the year of 2007 by the Pravin Khodke trusts, Amravati with view a to boost higher education in the rural area. The college is affiliated to Sant Gadge Baba Amravati University, Amravati and Government of Maharashtra. Presently the college offers two UG courses i.e. Bachelor of science with subjects of Botany, Zoology, Chemistry, Mathematics, Computer science, Electronics and Bachelor of commerce

At the initial stage, the strength of college was less but continuous increase in the number of students is an indicator of the college's potential for development. In future the college can be very well developed as a major centre of higher education for socially and economically backward students of this area.

About E-certificate course

We all are aware that the students are facing the problem of regular classroom education because of lockdown period due to pandemic COVID-19. To overcome this academic lag our college is hosting E-certificate course to reach out wider range of college students (participants) with the topic "Plant Tissue Culture" from the prescribed syllabus as per University.

We are taking an initiative to upgrade the knowledge of the students about their subject and also trying to keep them engage academically at home during this critical quarantine period. This is the online platform for the UG and PG students which provide an opportunity to learn from home a part of syllabus.

How to join E- Certificate course

- Download and install Google meet app from Google play store to attend lectures
- Link for joining E certificate course will be send on mail I'd / Telegram group of registered participants given at time of registration.

Registration

- Registration is free of cost.
- Participants UG Final year and PG students for participation has to register by clicking the below link and follow the instructions given in the registration form.
- Link for registration <https://forms.gle/iQ7JFZBRYHVTxoDs9>

E-Certificate course contents

- Day 1 Introduction to PTC (4 to 6pm)
- Day 2 Laboratory instruments and sterilization technique (4 to 6pm)
- Day 3 Preparation of media and growth hormones (4 to 6pm)
- Day 4 Tissue culture(4 to 6pm)
- Day 5 Micro-propagation and anther culture (4 to 6pm)
- Day 6 Synthetic seed and cryopreservation (4 to 6pm)
- Day 7 Carrier opportunities in PTC (4 to 6pm)

Certificate

E-certificate will given to participants those who score 50% in MCQ test and certificate will send to their registered e-mail ID

Principal



Dr. Alka Bhise

Vinayak Vidnyan Mahavidyalaya,
Nandgaon khandeshwar

Convener



Dr. Suchita Khodke

IQAC Coordinator and
Head Department of Botany

Co-convener



Mr. Shilanand Hiwarale

Assistant Professor,
Department of Botany

Organizing Committee

Dr. Gajendrasing Pachlore

Department of Botany

Mr. Anand Deshmukh

Department of Botany

Technical Support

Mr. Labhesh Parteti

Mr. Anil Vatke

For further details contact

Dr. Suchita Khodke 9823165900

Mr. Shilanand Hiwarale 8888334744

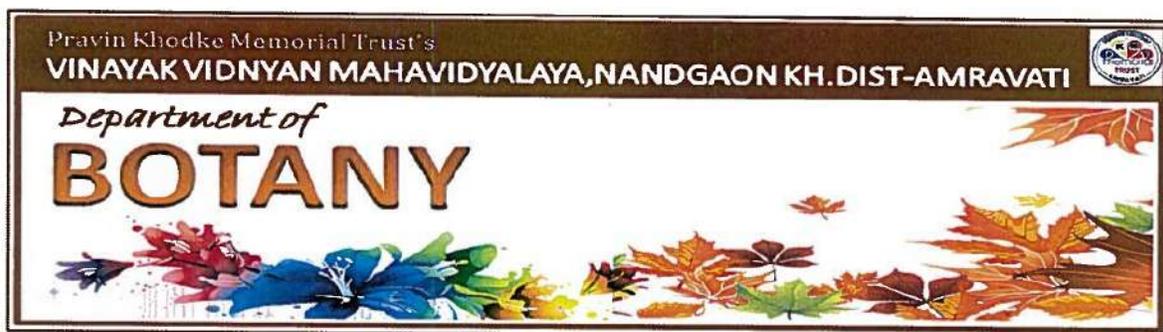
Click on the link

For registration <https://forms.gle/iQ7JFZBRYHVTxoDs9>

Schedule of the Sessions

| Days | Time | Session | Resource person | source |
|-----------------------------|-----------------|---|----------------------|--|
| Day 1st (1 Jun 2020) | 2 to 3:30 pm | Registration | | |
| | 3:30 to 4 pm | Inauguration | Dr.Aika Bhise | |
| | 4 to 6 pm | Basic concepts of Plant Tissue Culture (PTC) | Dr.Dhiraj Naik | Video lecture- Live session- Google Meet |
| Day 2nd (2 Jun 2020) | 2 to 3:30 pm | Laboratory Instruments Laminar air flow, Autoclave, Growth chamber | Dr.Dhiraj Naik | Video lecture- Demo practical |
| | 3:30 to 4:30 pm | Glassware washing and Sterilization technique | Dr.Dhiraj Naik | Video lecture- Demo practical |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (10Marks) | | |
| Day 3rd (3 Jun 2020) | 2 to 3 pm | Preparation of Stock Solutions and Nutrient Media. | Dr.Dhiraj Naik | Video lecture |
| | 3 to 4 pm | Plant Growth Regulators (Growth Hormones) | Mr.S.V.Hiwarale | Video lecture |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 5:30 pm | Surface Sterilization of Explants | Dr.Dhiraj Naik | Video lecture- Demo practical |
| | 5:30 to 6:30pm | Mock Test (10Marks) | | |
| Day 4th (4 Jun 2020) | 2 to 3:30 pm | Types of Organ Culture and their Applications | Dr.Dhiraj Naik | Video lecture- Live session GoogleMeet |
| | 3:30 to 4:30pm | Callus Culture | Dr.Varsha Hutke | Video lecture |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (10Marks) | | |
| Day 5th (5 Jun 2020) | 2 to 3 pm | Synthetic Seed Production | Mr.S.V.Hiwarale | Video lecture |
| | 3 to 4 pm | Anther Culture | Dhiraj Naik | Video lecture |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 6 pm | Organogenesis | Dhiraj Naik | Video lecture |
| Day 6th (6 June 2020) | 2 to 3:30 pm | Strategies of Micropropagation | Dr.Varsha Hutke | Video lecture- live session GoogleMeet |
| | 3:30 to 4:30 pm | Cryopreservation | Mr.S.V.Hiwarale | Video lecture |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (10Marks) | | |
| Day 7th (7 June 2020) | 11 to 1 pm | Final mock test (50 marks) | | |
| | 2 to 3:30 pm | Carrier Opportunities in Plant Tissue Culture Sector | Dr. Dhiraj Naik | Video lecture-live session |
| | 3:30 to 4 pm | Tea Break | | |
| | 4 to 5:30 pm | Students Interaction and Discussion | All Resource Persons | |
| | 5:30 to 6 pm | Valedictory | | |





Date: 16 May 2020

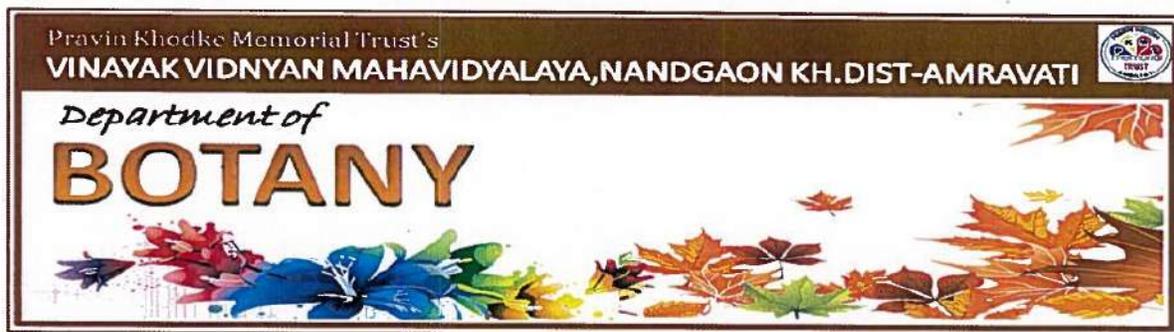
NOTICE

All the students of **B.Sc. IIIrd** year of subject **Botany** are hereby informed that, Department of **Botany** is going to organize **E-Certificate Course** on the subject **Plant Tissue Culture** From **1st June 2020** to **7th June 2020**. All students are inform to join the program **online** from **2:00pm to 6:00pm**. Links to join this program will be providing on Telegram group.

Further details regarding the topic will be provided accordingly in online class and telegram group.

Date: 16 May 2020

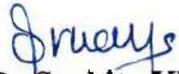

Dr. Suchita Khodke
Head Department of Botany
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

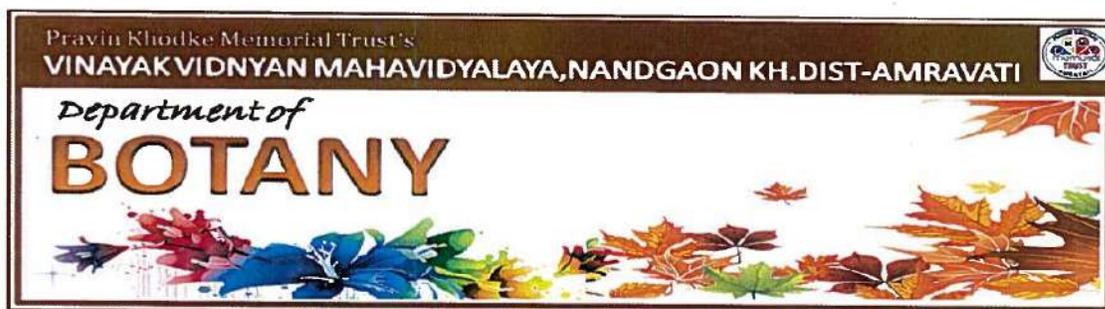


Faculties & Workload Distribution

E-Certificate Course on Plant Tissue Culture

| Sr. No. | Name of Faculty | College/Institute | Workload |
|---------|-----------------------|---|-------------|
| 1 | Dr.Dhiraj Naik | Jankidevi Bajaj College of Science, Wardha. | 9 Lectures |
| 2 | Dr.Varsha Hutke | Govt. Vidarbha Institute of science and Humanities, Amravati. | 02 Lectures |
| 3 | Mr.Shilanand Hiwarale | Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. | 03 Lectures |

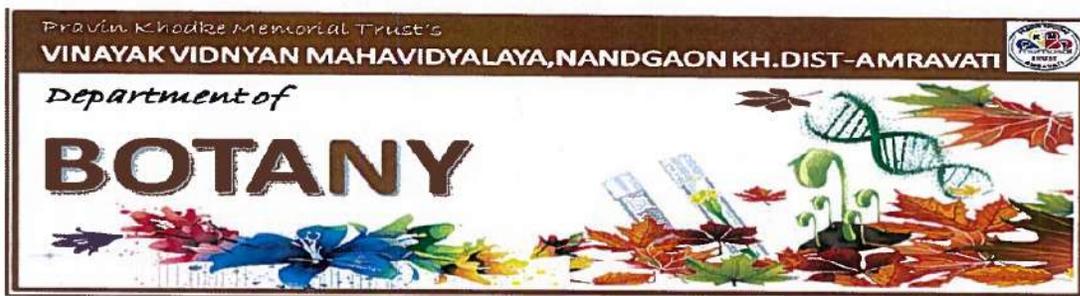

Dr. Suchita Khodke
Head Department of Botany
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



Schedule: Certificate Course on Plant Tissue Culture

| Days | Time | Session | Resource person | Source |
|--------------------------|-----------------|---|----------------------|---|
| Day 1st (1 Jun 2020) | 2 to 3:30 pm | Registration | | |
| | 3:30 to 4 pm | Inauguration | Dr. Alka Bhise | |
| | 4 to 6 pm | Basic concepts of Plant Tissue Culture (PTC) | Dr. Dhiraj Naik | Video lecture- Live session- Google Meet |
| Day 2nd (2 Jun 2020) | 2 to 3:30 pm | Laboratory instruments Laminar air flow, Autoclave, Growth chamber | Dr. Dhiraj Naik | Prerecorded Video lecture- Demo practical |
| | 3:30 to 4:30 pm | Glassware washing and sterilization technique | Dr. Dhiraj Naik | Prerecorded Video lecture- Demo practical |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test and solutions (10Marks) | | |
| Day 3rd (3 Jun 2020) | 2 to 3 pm | Preparation of stock solutions and nutrient media. | Dr. Dhiraj Naik | Prerecorded Video lecture |
| | 3 to 4 pm | Plant growth regulators (Growth Hormones) | Mr. S.V. Hiwarale | Video lecture |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 5:30 pm | Surface sterilization of Explants | Dr. Dhiraj Naik | Prerecorded Video lecture- Demo practical |
| | 5:30 to 6:30 pm | Mock Test and solutions (10Marks) | | |
| Day 4th (4 Jun 2020) | 2 to 3:30 pm | Types of organ culture and their applications | Dr. Dhiraj Naik | Video lecture- Live session Google Meet |
| | 3:30 to 4:30 pm | Callus culture | Dr. Varsha Hutke | Prerecorded Video lecture |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test and solutions (10Marks) | | |
| Day 5th (5 Jun 2020) | 2 to 3 pm | Synthetic seed production | Mr. S.V. Hiwarale | Video lecture |
| | 3 to 4 pm | Anther culture | Dhiraj Naik | Prerecorded Video lecture |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 6 pm | Organogenesis | Dhiraj Naik | Prerecorded Video lecture |
| Day 6th (6 June 2020) | 2 to 3:30 pm | Strategies of micropropagation | Dr. Varsha Hutke | Video lecture- Live session Google Meet |
| | 3:30 to 4:30 pm | Cryopreservation | Mr. S.V. Hiwarale | Video lecture |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test and solutions (10Marks) | | |
| Day 7th (7 June 2020) | 11 to 1 pm | Final mock test (50 marks) | | |
| | 2 to 3:30 pm | Carrier opportunities in plant tissue culture sector | Dr. Dhiraj Naik | Video lecture-live session |
| | 3:30 to 4 pm | Tea Break | | |
| | 4 to 5:30 pm | Students interaction, discussion | All resource persons | |
| | 5:30 to 6 pm | Valedictory | | |


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 Nandgaon Kh.



Syllabus: Certificate Course on Plant Tissue Culture

Module 1

- ✓ Basic concepts of Plant Tissue Culture (PTC)
- ✓ Laboratory instruments
- ✓ Laminar air flow, Autoclave, Growth chamber
- ✓ Glassware washing and sterilization technique

Module 2

- ✓ Preparation of stock solutions and nutrient media
- ✓ Plant growth regulators (Growth Hormones)
- ✓ Surface sterilization of Explants

Module 3

- ✓ Types of organ culture and their applications
- ✓ Callus culture

Module 4

- ✓ Synthetic seed production
- ✓ Anther culture

Module 5

- ✓ Organogenesis
- ✓ Strategies of micropropagation
- ✓ Cryopreservation

Module 6

- ✓ Career opportunities in plant tissue culture sector

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Head
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Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Important links

Registration: <https://forms.gle/iQ7JFZBRYHVTxoDs9>

Feedback: <https://forms.gle/XsGr7y5DCOsgQwHp8>

| Days | Time | Session | Resource person | Links |
|--------------------------|-----------------|--|----------------------|---|
| Day 1st (1 Jun 2020) | 2 to 3:30 pm | Registration | | |
| | 3:30 to 4 pm | Inauguration | Dr. Alka Bhise | |
| | 4 to 6 pm | Basic concepts of Plant Tissue Culture (PTC) | Dr. Dhiraj Naik | https://youtu.be/24WRNttNPOw |
| Day 2nd (2 Jun 2020) | 2 to 3:30 pm | Laboratory instruments Laminar air flow, Autoclave, Growth chamber | Dr. Dhiraj Naik | https://youtu.be/xDVin-5n3hU |
| | 3:30 to 4:30 pm | Glassware washing and sterilization technique | Dr. Dhiraj Naik | https://youtu.be/zPZ-AKwg0f8 |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (10Marks) | | https://forms.gle/gE1VryYAiNnxot497 |
| Day 3rd (3 Jun 2020) | 2 to 3 pm | Preparation of stock solutions and nutrient media. | Dr. Dhiraj Naik | https://youtu.be/JfrXYKOP1ac |
| | 3 to 4 pm | Plant growth regulators (Growth Hormones) | Mr. S.V. Hiwarale | https://us04web.zoom.us/j/8830936481?pwd=L0dtMnVUa2loQm83UXJrcnBMYThPZz09 |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 5:30 pm | Surface sterilization of Explants | Dr. Dhiraj Naik | https://youtu.be/2_wrynoiDwA |
| | 5:30 to 6:30 pm | Mock Test (10Marks) | | https://forms.gle/iUBh3dnWrgLFYSBQ8 |
| Day 4th (4 Jun 2020) | 2 to 3:30 pm | Types of organ culture and their applications | Dr. Dhiraj Naik | https://youtu.be/Lz9dRkts3ws |
| | 3:30 to 4:30 pm | Callus culture | Dr. Varsha Hutke | https://youtu.be/-Hg1StrA2PU |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (10Marks) | | https://forms.gle/PKbfAd6Mo98Uzcn8 |
| Day 5th (5 Jun 2020) | 2 to 3 pm | Synthetic seed production | Mr. S.V. Hiwarale | https://youtu.be/IQ_A4R0myOk |
| | 3 to 4 pm | Anther culture | Dhiraj Naik | https://youtu.be/zPU7GcP-EVo |
| | 4 to 4:30 pm | Tea Break | | |
| | 4:30 to 6 pm | Organogenesis | Dhiraj Naik | https://youtu.be/Cv2bT9XPkZl |
| Day 6th (6 June 2020) | 2 to 3:30 pm | Strategies of micropropagation | Dr. Varsha Hutke | https://youtu.be/mTBLoUdMZko |
| | 3:30 to 4:30 pm | Cryopreservation | Mr. S.V. Hiwarale | https://youtu.be/PyMASj_Wcxg |
| | 4:30 to 5 pm | Tea Break | | |
| | 5 to 6 pm | Mock Test (Oral) (10Marks) | | https://us04web.zoom.us/j/8830936481?pwd=L0dtMnVUa2loQm83UXJrcnBMYThPZz09 |
| Day 7th (7 June 2020) | 11 to 1 pm | Final mock test (50 marks) | | https://forms.gle/XsGr7y5DCOsgQwHp8 |
| | 2 to 3:30 pm | Carrier opportunities in plant tissue culture sector | Dr. Dhiraj Naik | https://youtu.be/Vi-M_mtSVvs |
| | 3:30 to 4 pm | Tea Break | | |
| | 4 to 5:30 pm | Students interaction, discussion | All resource persons | https://meet.google.com/fuy-ynbc-pfg |
| | 5:30 to 6 pm | Valedictory | | https://meet.google.com/fuy-ynbc-pfg |



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

***CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE***

From 03/02/2020 to 19/02/2020

| | | | |
|---|--|--|---|
|  Dr. Prashant B. Kharat |  Dr. Anant S. Wadtkar |  Dr. Suchita P. Khodke |  Dr. Alka A. Bhise |
| Course Coordinator Dr. PRASHANT B. KHARAT Assistant Professor Department of Physics Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati | Head, Department of Physics Dr. Anant S. Wadtkar Assistant Professor and Head Department of Physics Vinayak Vidnyan Mahavidyalaya Nandgaon (Kh.), Dist. Amravati | IQAC Coordinator I.Q.A.C. Co-ordinator Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. | Principal PRINCIPAL Vinayak Vidnyan Mahavidyalaya, Nandgaon Khan, Dist. Amravati |



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Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 15/01/2020

NOTIFICATION

DEPARTMENT OF PHYSICS, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Conducting

CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE

From 03/02/2020 to 19/02/2020

Objective: Learners who attain this qualification are competent in electrical work and can get a job in a captive or commercial electrical equipment manufacturing work or maintenance or become an entrepreneur.

- ❖ Qualifying learners attain skills to work with electrical wiring or equipment.
- ❖ Qualified learners are capable of doing estimation and costing related to electrical
- ❖ wiring work of office/house.
- ❖ Qualified learners are capable of taking instructions from electrical or electronics
- ❖ engineer and repair, and install new household equipment.

Eligibility: 12th Science, Diploma / B.Tech / BE / ITI / B.Sc. in Physics, / Electronics / Telecommunication / Instrumentation / Electrical.

Duration: 45 hours (30 Hours Theory + 15 Hours Practicals)

Outcome: After completion of course, the Student should be able to:

- ❖ Apply safe working practices.
- ❖ Individually maintain house held machinery equipment.



- ❖ Identify parts of electrical equipment from its drawing.
- ❖ Calculate, install and repair all industrial or domestic appliances.
- ❖ Prepare different types of earthing.
- ❖ Calculate the loads for wiring design.

Registration & Course Fees - No Fees

Seats : 20 (Twenty) on First Come First Serve Basis

Course Duration: 03/02/2020 to 19/02/2020

Course Coordinator Contact Details:

Dr. Prashant B. Kharat - 9403750321

E-Mail: drpbkharat@gmail.com

Note: Limited seats are allotted on an FCFS basis.

Please register for the course before **01/02/2020**.


Dr. Prashant B. Kharat
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Course Coordinator
Vinayak Vidnyan Mahavidyalaya,
Nandgaon, Khandeshwar, Amravati


Dr. Anant S. Wadatkhar
Dr. Anant S. Wadatkhar
Assistant Professor and Head
Department of Physics
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



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Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 15/01/2020

STUDENTS ENROLLMENT NOTICE

All the students of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati is hereby informed that the Department of Physics, in collaboration with IQAC conducting a ***CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE*** from **03/02/2020** to **19/02/2020**. There are 20 (Twenty) Limited seats allotted on an FCFS basis. Interested students, please register for the course before 01/02/2020.

Please refer to the Certificate Course notification and Contact Course coordinator **Dr. Prashant B. Kharat - 9403750321**, Assistant Professor, Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati

Dr. Prashant B. Kharat
Course Coordinator
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati

Dr. Anant S. Wadkar
Head, Department of Physics
Dr. Anant S. Wadkar
Assistant Professor and Head
Department of Physics
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh.), Dist. Amravati

Dr. Suchita P. Khodke
IQAC Coordinator
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh.

Dr. Alka A. Bhise
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PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
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Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 15/01/2020

**DEPARTMENT OF PHYSICS, Vinayak Vidnyan
Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati**

Conducting

***CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE***

From 03/02/2020 to 19/02/2020

Objective: Learners who attain this qualification are competent in electrical work and can get a job in a captive or commercial electrical equipment manufacturing work or maintenance or become an entrepreneur.

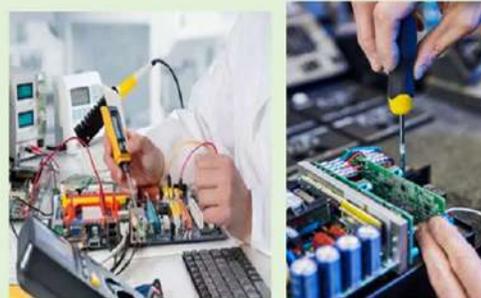
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- ❖ wiring work of office/house.
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- ❖ engineer and repair, and install new household equipment.

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Outcome: After completion of course, the Student should be able to:

- ❖ Apply safe working practices.
- ❖ Individually maintain house held machinery equipment.



- ❖ Identify parts of electrical equipment from its drawing.
- ❖ Calculate, install and repair all industrial or domestic appliances.
- ❖ Prepare different types of earthing.
- ❖ Calculate the loads for wiring design.

Registration & Course Fees - No Fees

Seats : 20 (Twenty) on First Come First Serve Basis

Course Duration: 03/02/2020 to 19/02/2020

Course Coordinator Contact Details:

Dr. Prashant B. Kharat – 9403750321

E-Mail: drpbkharat@gmail.com

Note: Limited seats are allotted on an FCFS basis.

Please register for the course before **01/02/2020**.



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DEPARTMENT OF PHYSICS

Date: 15/01/2020

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE**

From 03/02/2020 to 19/02/2020

COURSE SYLLABUS

Unit I : Basic safety regarding use of electricity : Demonstrate safety work practices, Demonstrate on Personal protecting equipment, Demonstrate on fire extinguisher, Demonstrate on safety slogan and symbols, Recognize & comply safe work practices.

Unit II : Fundamentals on hand tools : Identify the hand tools, Demonstrate on use of hand tools. Prepare a check list of hand tools for specific work. Specification of hand tools.

Unit III : Basic electrical and electronics : Fundamental of electricity, Basic electrical components, Basic electronics components, Earthing.

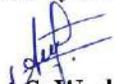
Unit IV : Domestic And Industrial Wiring : Types of wiring, Calculation of loads, Industrial wiring and maintenance, Domestic wiring and maintenance.

Unit V : Repairing Of Home Appliances : Basic on home appliances, Demonstration on the details and internal, Assembly and disassembly, Repair house held electrical equipment, Internal parts of geyser, tube light, Emergency light, Internal parts of fan, ceiling fan, cooler, mixer grinder, Demonstration on Induction stove, Electric Iron, Microwave, Electronics card maintenance.

Reference Books

1. R. K. Jain, Practical guide to electrical safety Khanna Publications
2. Hand tools institute, Guide hand tools: selection, safety tips, proper use and care by Hand tools institute Publications
3. P.S Dhogal, Basic electrical engineering by Tata McGraw-Hill
4. K. Mehta/A.K Mittal, Electrical engineering theory by Asian Publishers
5. Eric Kleinert, Troubleshooting and repairing of major appliances by Tata McGraw-Hill
6. Daniel H. Braymer, Armature winding and motor repairing by Mayo Press
7. Karl WilKinson, Rewinding of small motor by A Newnes Technical Book


Dr. Prashant B. Kharat
Dr. PRASHANT B. KHARAT
Assistant Professor
Department of Physics
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati


Dr. Anant S. Wadatkhar
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Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
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SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati
DEPARTMENT OF PHYSICS

Date: 15/01/2020

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE**

From 03/02/2020 to 19/02/2020

LIST OF PRACTICALS

1. Safety work practices and Demo on Personal protecting instruments.
2. Demo on fire extinguisher, Use of tools, Switch. Fuse and circuit breaker.
3. Wires and cables, Preparation of small circuit, Function of Oscilloscope.
4. Preparation of different types of wiring module, fixing flush type of accessories and fault find with a domestic
5. Practice on pipe cutting, flaring, pipe bending, Swaging, tube brazing, and core drilling.
6. Internal parts of geyser, tube light, Emergency light.
7. Internal parts of fan, ceiling fan, cooler, mixer grinder.
8. Demonstration on Induction stove, Electric Iron, Microwave.
9. Practice on parts of semi-automatic and automatic washing.
10. Practice, test and identify the parts of the AC.
11. Practice, assemble and disassemble of different types of pump.
12. Practice, assemble and disassemble of different types of pump.
13. Prepare and rewind the faulty single phase motors
14. Practice, assemble and disassemble of different types of motors.

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DEPARTMENT OF PHYSICS

Date: 15/01/2020

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
 REPAIRING AND MAINTENANCE**

From 03/02/2020 to 19/02/2020

TIME TABLE

| Day | Time | |
|-----------|--------------------------------|-----------------------------------|
| | Theory 08:00 am to 10:00 am | Practical 10:00 am to 11:00 am |
| Monday | Dr. Prashant B. Kharat | Dr. Prashant B. Kharat |
| Tuesday | Dr. Prashant B. Kharat | Dr. Prashant B. Kharat |
| Wednesday | Mr. Ajay V. Ambhore | Mr. Ajay V. Ambhore |
| Thursday | Mr. Ajay V. Ambhore | Mr. Ajay V. Ambhore |
| Friday | Dr. Anant S. Wadatkar | Dr. Anant S. Wadatkar |
| Saturday | Dr. Anant S. Wadatkar | Dr. Anant S. Wadatkar |
| Sunday | Week Off | |


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DEPARTMENT OF PHYSICS

Date: 15/01/2020

**CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT
REPAIRING AND MAINTENANCE**

From 03/02/2020 to 19/02/2020

ASSESSMENT GUIDELINE

ASSESSMENT GUIDELINE:

1. Criteria for assessment based on each learning outcome, will be assigned marks
2. proportionately to its importance.
3. The assessment for the theory & practical part is based on knowledge bank of
4. questions created by trainers and approved by Course coordinator
5. For each Individual batch, Examination cell will create unique question papers for theory part as well as practical for each examination.
6. To pass the Qualification, every trainee should score a minimum of 50% cumulatively (Theory and Practical)

Assessment comprises the following components:

- ❖ Job carried out in labs/workshop
- ❖ Record book/ daily diary
- ❖ Answer sheet of assessment
- ❖ Viva –voce
- ❖ Attendance and punctuality

ELIGIBILITY TO APPEAR IN THE EXAM:

Minimum 80% attendance is compulsory for the students to appear for the assessments.

MARKING SCHEME:

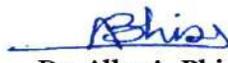
| Sr. No. | Method of Assessments | Weightage (Max. marks) |
|--------------|-------------------------------------|------------------------|
| 1 | Written Test (WT) | 30 |
| 2 | Practical Test (PT) | 30 |
| 3 | Viva-voce (VV) | 20 |
| 4 | Class/Workshop/Lab performance (LP) | 20 |
| Total | | 100 |

PASSING MARKS: Passing criteria is based on marks obtained in attendance record, term works, assignments, practical performance, viva or oral exam, module test, practical exam and final exam. Minimum Marks to pass practical exam – 50% Minimum Marks to pass theory exam – 50% .

Grades : A : 80-100 B:65-79% C:55-64% D:50-54% F: 0-49%


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DEPARTMENT OF PHYSICS

Date: 15/01/2020

COURSE OUTCOMES

CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE

From 03/02/2020 to 19/02/2020

COURSE OUTCOMES:

1. After completion of course, Student should be able to:
2. Apply safe working practices.
3. Individually maintain house held machinery equipment.
4. Identify parts of electrical equipment from its drawing.
5. Calculate, install and repair all industrial or domestic appliances.
6. Prepare different types of earthing.
7. Calculate the loads for wiring design.

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Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh., Dist. Amravati



प्रविण खोडके मेमोरियल ट्रस्ट, अमरावती द्वारा संचालित,
विनायक विज्ञान महाविद्यालय,
नांदगाव खंडेश्वर.

मराठी विभाग आयोजित

शुद्धलेखन विषयक अभ्यासक्रम

दिनांक : ११/०७/२०१९ ते २०/०७/२०१९

वेळ: सकाळी ८ .०० ते ११.००

मार्गदर्शक
सिमरेला देशमुख
(मराठी विभाग)
विनायक विद्यामंदिर
अमरावती .

मार्गदर्शक
श्री रुपेश फुके
(मराठी विभाग)
विनायक विज्ञान
महाविद्यालय,
नांदगाव खंडेश्वर.

आयोजक

श्री रुपेश फुके

(मराठी विभाग)

विनायक विज्ञान महाविद्यालय,
नांदगाव खंडेश्वर.

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दिनांक ०७/०७/२०१९

सूचना

बी.एस्सी व बी.कॉम च्या सर्व विद्यार्थ्यांना सुचित करण्यात येते की, विद्यार्थ्यांकरिता मराठी विभागाच्या वतीने शुद्धलेखन विषयक अभ्यासक्रम (सर्टिफिकेट कोर्स) दिनांक ११/०७/२०१९ ते २०/०७/२०१९ या कालावधीत आयोजित करण्यात आला आहे. ज्या विद्यार्थ्यांना सहभाग घ्यायचा असेल, त्यांनी आपली नावे मराठी विभागामध्ये नोंदवावी.

मराठी विभाग

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मराठी विभाग

मराठी ही मातृभाषा असून देखील विद्यार्थ्यांचे संवाद आणि लेखन यामध्ये अनेक चुका होत असतात. शुद्धलेखन म्हणजे भाषेच्या व्याकरणाचे लेखनस्वरूपात अचूक पालन करणे. शब्दांचे लेखनरूप लिहिले जात असताना साधारणतः होणाऱ्या चुका या ऱ्हस्व, दीर्घ वेलांटी, उकार या लिपिचिन्हांच्या बाबतीत होतात. अशा प्रकारच्या चुका टाळण्यासाठी शुद्धलेखनाचे नियम बनविण्यात आले आहेत. विद्यार्थ्यांचे भाषिक आणि लेखन कौशल्य विकसित करण्याचा उद्देश ठेवून मराठी विभाग द्वारा शुद्धलेखन विषयक अभ्यासक्रमाचे आयोजन करण्यात आलेले आहे.

| | |
|--------------------|---|
| विभाग | मराठी |
| अभ्यासक्रम | शुद्धलेखन विषयक अभ्यासक्रम |
| कालावधी - | दिनांक : ११/०७/२०१९ ते २०/०७/२०१९ |
| उद्देश | शुद्धलेखन सुधारते, भाषिक कौशल्यांचा विकास, लेखन कौशल्य विकसित करणे. |
| पात्रता : | १२ वी उत्तीर्ण |
| संपूर्णतास : | ३० तास |
| विद्यार्थीक्षमता : | ४० |
| परीक्षेचे स्वरूप | लेखी परीक्षा एकूण गुण ५० उत्तीर्ण होण्यास किमान गुण ४०% |
| उपस्थिती | ७५% टक्के |
| परिणाम | <ul style="list-style-type: none">विद्यार्थ्यांचे शुद्धलेखन सुधारण्यास मदत झालीविद्यार्थ्यांमध्ये भाषिक कौशल्यांचा विकास घडून आलालेखन कौशल्य विकसित करण्यात आले |

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मराठी विभाग

अभ्यासक्रम:

१) लेखनाचे नियम

मराठी व्याकरण: अनुस्वार, न्हस्ववदीर्घ, अन्यनियम, शुद्ध, अशुद्धशब्द,
जोडाक्षरलेखन, विरामचिन्हे

२) नोकरीसाठी अर्जलेखन

३) कार्यालयीन पत्रव्यवहार

४) टिपणीलेखन

५) जाहिरातलेखन

संदर्भ ग्रंथ सूची

१) उपयोजित मराठी :

संपादक - डॉ. केतकी मोडक, संतोष शेणई, सुजाता शेणई

२) मराठी शुद्धलेखन प्रदीप : मो. रा. वाळिंबे

३) मराठी व्याकरण : बाळासाहेब शिंदे

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अभ्यासक्रम वेळापत्रक

| S.N. | Date | Content Taught | Session taught by | No. of Students Present |
|------|------------|------------------------|--------------------|-------------------------|
| 1 | 11/07/2019 | लेखनाचे नियम | Mr. Rupesh Fuke | 27 |
| 2 | 12/07/2019 | लेखनाचे नियम | Mr. Rupesh Fuke | 27 |
| 3 | 13/07/2019 | नोकरीसाठी अर्जलेखन | Ms.SimrelaDeshmukh | 26 |
| 4 | 14/07/2019 | नोकरीसाठी अर्जलेखन | Ms.SimrelaDeshmukh | 27 |
| 5 | 15/07/2019 | कार्यालयीन पत्रव्यवहार | Mr. Rupesh Fuke | 27 |
| 6 | 16/07/2019 | कार्यालयीन पत्रव्यवहार | Mr. Rupesh Fuke | 25 |
| 7 | 17/07/2019 | टिपणीलेखन | Ms.SimrelaDeshmukh | 26 |
| 8 | 18/07/2019 | टिपणीलेखन | Ms.SimrelaDeshmukh | 27 |
| 9 | 19/07/2019 | जाहिरातलेखन | Mr. Rupesh Fuke | 27 |
| 10 | 20/07/2019 | जाहिरातलेखन | Mr. Rupesh Fuke | 27 |

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NAAC CRITERION - I



Certificate Courses/Programs

(Year-2018-19)



I

Academic Year 2018-19

| Sr No | Name of Add on Certificate Programs offered | Course Code | Year of offering | No. of times offered during the same year | Duration of the course | Number of students enrolled in the year | Number of Students completing the course in the year |
|-------|---|-------------|------------------|---|------------------------|---|--|
| 1 | Certificate Course Basic Nursery Techniques and Management | Botany | 2018-19 | First time | 30 Hours | 30 | 20 |
| 2 | Certificate Course Vedic Mathematics | Mathematics | 2018-19 | First time | 30 Hours | 28 | 28 |
| 3 | Certificate Course Language and Communication | English | 2018-19 | First time | 30 Hours | 49 | 49 |
| 4 | Certificate Course in Goods and Services Marketing | Commerce | 2018-19 | First time | 30 Hours | 30 | 30 |



Pravin Khodke Memorial Trust Amravati's

Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar Dist-Amravati



Department of Botany

Organizes

Certificate Course In
NURSERY TECHNIQUES AND MANAGEMENT

Resource Person

| | | |
|---|---|---|
| Prof. C.M. Deshmukh Shri.Shivaji Agriculture College, Amravati. | Dr. Prakash Sable Shri.Shivaji Agriculture College, Amravati. | Shri. Mayur Gawande Shri.Shivaji Horticulture College, Amravati |
| Shri. Subhash Bhave Director, Kiran Nursery, Amravati. | Shri. Vinay Bothra Director, Bothra Nursery, Amravati. | |

Convener
Dr.Suchita Khodke
Vinayak Vidnyan Mahavidyalaya,
Nandgaon kh.

Co-convener
Mr.Anand Deshmukh
Vinayak Vidnyan Mahavidyalaya,
Nandgaon kh.

Venue: College hall

Date: 1 Nov to 11 Nov 2018

**Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar,
Dist-Amravati
Department of Botany**

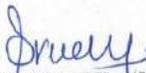
Date: 20 Oct 2018

NOTICE

All the students of **B.Sc. IIIrd** year of subject **Botany** are hereby informed that, Department of **Botany** is going to organize **Certificate Course** in the subject **Nursery Technique and Management** From **1st Nov 2018 to 11th Nov 2018**. All students are inform to join the program from **2:00pm to 5:00pm**.

Further details regarding the topic will be provided accordingly in class.

Date: 20 Oct 2018


Dr. Suchita Khodke
Head Department of Botany
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



VINAYAK VIDNYAN MAHAVIDYALAYA, NANDGAON KH.

DIST-AMRAVATI



A PROPOSAL

For

E-CERTIFICATE COURSE

IN

Nursery Techniques and Management

Submitted by

Department of Botany

2018-2019

Certificate Course in ‘Nursery Techniques and Management’

Name of the Course: Nursery Techniques and Management

Course Convener: Dr.Suchita Khodke

Eligibility: B.Sc. III

Intake capacity: 20

Course Hours: 30 hrs.

Date: 1 to 11 November 2018

Overview

Nursery is a place where plants are cared for during the early stage of growth, providing optimum conditions for germination and subsequent growth until they are strong to be planted out in their permanent place. A nursery can be as simple as a raised bed in an open field or a sophisticated green house with micro sprinklers and controlled atmospheric systems. Nursery management and plant propagation are considered same. They are different but inter-related.

In fact, mass multiplication of quality planting materials is the center theme of nursery management is a trade oriented dynamic process, which refer to efficient utilization of resources for economic returns. Nursery management is team effort to reach the desired goal.

Objectives of course

- To impart basic knowledge Nursery
- Development skill about Nursery
- Skill for propagation and tools used Nursery
- Basic knowledge of equipment and growing structure for Nursery
- To provide information about establishment of Nursery unit
- To provide entrepreneurial skill in Nursery management

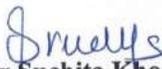
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar,

Dist-Amravati

Department of Botany

Faculties for certificate course in Nursery Technique and Management

| Sr. No. | Name of Faculty | College/Institute |
|----------------|------------------------|---|
| 1 | Prof. C.M. Deshmukh | Shri.Shivaji Agriculture College, Amravati. |
| 2 | Dr. Prakash Sable | Shri.Shivaji Agriculture College, Amravati. |
| 3 | Shri. Mayur Gawande | Shri.Shivaji Horticulture College, Amravati |
| 4 | Shri. Subhash Bhave | Director, Kiran Nursery, Amravati. |
| 5 | Shri. Vinay Bothra | Director, Bothra Nursery, Amravati. |


Dr. Suchita Khodke
Head Department of Botany
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar,

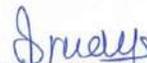
Dist-Amravati

Department of Botany

Schedule

Certificate Course in Nursery Techniques and Management

| Days | Time | Session | Resource Person |
|----------------------------|-----------------|--|----------------------|
| Day 1st (1 Nov 2018) | 2 pm to 3:00 pm | Registration | |
| | 3:00 pm to 4 pm | Inauguration | By Principal |
| | 4 to 5 pm | Basic knowledge of Nursery | Prof. C.M. Deshmukh |
| Day 2nd (2 Nov 2018) | 2 pm to 3.30 pm | Development skills for Nursery | Dr. Prakash Sable |
| | 3.30 pm to 5 pm | Skill for propagation and tools used for Nursery | Shri. Mayur Gawande |
| Day 3rd (3 Nov 2018) | 2 pm to 5 pm | Equipments and growing structure for Nursery | Shri. Mayur Gawande |
| Day 4th (4 Nov 2018) | 2 pm to 5 pm | Establishment of Nursery unit | Shri. Vinay Bothra |
| Day 5th (5 Nov 2018) | 2 pm to 5 pm | Entrepreneurial skill in Nursery management | Prof. C.M. Deshmukh |
| Day 6th (6 Nov 2018) | 2 pm to 3.30 pm | Collecting and handling tree seeds | Shri. Subhash Bhavne |
| | 3.30 pm to 5 pm | Preparation Potting | Dr. Prakash Sable |
| Day 7th (8 Nov 2018) | 2 pm to 3.30 pm | Production schedules | Shri. Mayur Gawande |
| | 3.30 pm to 5 pm | Preparation of nursery beds | Shri. Subhash Bhavne |
| Day 8th (9 Nov 2018) | 2 pm to 3.30 pm | Soil management | Dr. Prakash Sable |
| | 3.30 pm to 5 pm | Planting procedures | Shri. Vinay Bothra |
| Day 9th (10 Nov 2018) | 2 pm to 3.30 pm | Control of seedling density | Shri. Mayur Gawande |
| | 3.30 pm to 5 pm | Use of fertilizers, irrigation, and pest control | Prof. C.M. Deshmukh |
| Day 10th (11 Nov 2018) | 2 pm to 3 pm | Caring for trees in the nursery | Shri. Mayur Gawande |
| | 3 pm to 4 pm | Mock Test | |
| | 4 pm to 5 pm | Valedictory | |

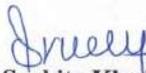

Dr. Suchita Khodke
 Head Department of Botany
Dept. of Botany
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh.

**Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar,
Dist-Amravati**

Department of Botany

Certificate Course in Nursery Technique and Management

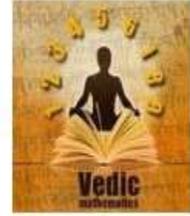
- Basic knowledge of Nursery
- Development skills for Nursery
- Skill for propagation and tools used for Nursery
- Equipments and growing structure for Nursery
- Establishment and management of Nursery
- Entrepreneurial skill in Nursery management
- Source ,Collecting and handling tree seeds
- Mother plants for seedling and rootstock preparation
- Preparation Potting
- Production schedules
- Preparation of nursery beds
- Soil management
- Planting procedures and methods of propagation
- Control of seedling density
- Use of fertilizers, irrigation, and pest control
- Caring for trees in the nursery


Dr. Suchita Khodke
Head Department of Botany
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED

Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati



Skill Oriented Course

Certificate Course in Vedic Mathematics

organized by

Department of Mathematics and IQAC

on 21st to 30th July 2018 Time: 8:00 a.m. to 11:00 a.m.

Eligibility:
Any
graduate
student.

Resource Person: Mr. Ajay Sonarkar, M.Sc. Mathematics

Contact

Mr. A.G. Mathane
Department of Mathematics

Dr. Suchita Khodke
IQAC Coordinator





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Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Notice

All the students are hereby informed that Department of Mathematics organizing value added **Certificate Course in Vedic Mathematics** in the session 2018-19.

Duration: from 21st to 30th July 2018.

Time: 8:00 a.m. to 11:00 a.m.

Duration: 30 Hrs.

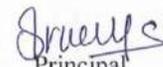
Eligibility: 12th Passed

Resource Person: Mr. Ajay Sonarkar, M.Sc. Mathematics.

Seat availability : 30

So interested students will be registered their name on or before 15-07-2018 to Mr. A.G. Mathane.


Incharge


Principal
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati



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Department of Mathematics

Skill Oriented Course-Certificate Course in Vedic Mathematics

Session-2018-19

Objectives:

- To enhance computation skills in students.
- Improve mathematical calculations.
- To develop analytical thinking through Vedic Mathematics

About Vedic Mathematics:

Vedic Mathematics was discovered by Indian mathematician Jagadguru Shri Bharathi Krishna Tirtha in the period between A.D. 1911 and 1918. Later the findings were published in form of a book on Vedic Mathematics by Tirthaji Maharaj who was also known as Bharati Krsna. Bharati Krsna was born in 1884 and died in 1960. He was a brilliant student, obtaining the highest honours in all the subjects he studied, including Sanskrit, Philosophy, English, Mathematics, History and Science. When he heard what the European scholars were saying about the parts of the Vedas which were supposed to contain mathematics he resolved to study the documents and find their meaning. Between 1911 and 1918 he was able to reconstruct the ancient system of mathematics which we now call Vedic Mathematics. Vedic Mathematics is a collection of Techniques/Sutras to solve mathematical arithmetic in easy and faster way. It consists of 16 Sutras (Formulae) and 13 sub-sutras (Sub Formulae) which can be used for problems involved in arithmetic, algebra, geometry, calculus, conics. Vedic Mathematics is a system of mental Mathematics. Many of the Vedic methods are interrelated. This is in complete contrast to the modern system. Using regular mathematical steps for solving problems at times are intricate and time consuming. But using Vedic Mathematics' General and Specific Techniques numerical calculations can be done very fast and accurately. Vedic Mathematics saves a lot of time, as calculations are much easier and faster. Definitely these techniques would be handy for the students during exams and particularly for the competitive exams which are time bound.

Sneelys

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Department of Mathematics

Skill Oriented Course-Certificate Course in Vedic Mathematics

Timetable:

| Date | Day | Time |
|------------|-----------|-------------------------|
| 21-07-2018 | Sunday | 8:00 a.m. to 11:00 a.m. |
| 22-07-2018 | Monday | 8:00 a.m. to 11:00 a.m. |
| 23-07-2018 | Tuesday | 8:00 a.m. to 11:00 a.m. |
| 24-07-2018 | Wednesday | 8:00 a.m. to 11:00 a.m. |
| 25-07-2018 | Thursday | 8:00 a.m. to 11:00 a.m. |
| 26-07-2018 | Friday | 8:00 a.m. to 11:00 a.m. |
| 27-07-2018 | Saturday | 8:00 a.m. to 11:00 a.m. |
| 28-07-2018 | Sunday | 8:00 a.m. to 11:00 a.m. |
| 29-07-2018 | Monday | 8:00 a.m. to 11:00 a.m. |
| 30-07-2018 | Tuesday | 8:00 a.m. to 11:00 a.m. |

Contents:

1. Introduction of Vedic Mathematics

- 16 Sutras
- 13 sub-sutras

2. Multiplication

- Urdhwatiryakabhyam method
- Nikhilam method
- Combine operation of addition and subtraction
- Ganit Samucchaya

2. Division (upto three digits)

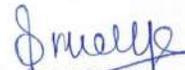
- Nikhilam Method
- Paravarta Yojayet Method
- GCD and LCM

3. Divisibility Test

- Anurupayen Method
- Osculation Method

4. Powers (upto three digits)

- Square and square roots
- Cube and cube roots


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Nandgaon Khan, Dist. Amravati

References Books of Vedic Mathematics:

1. Bharatiya Krishna Teerth: Vedic Matheematics



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Department of Mathematics

Skill Oriented Course-Certificate Course in Vedic Mathematics

| S.N. | Date | Content Taught | Session taught by | No. of Students Present |
|------|------------|--|-------------------|-------------------------|
| 1 | 21/07/2018 | Introduction of Vedic Mathematics 16 Sutras 13 sub-sutras | Mr. Ajay Sonarkar | 27 |
| 2 | 22/07/2018 | Urdhwatiryakabhyam method Nikhilam method | Mr. Ajay Sonarkar | 25 |
| 3 | 23/07/2018 | Combine operation of addition and subtraction | Mr. Ajay Sonarkar | 26 |
| 4 | 24/07/2018 | Ganit Samucchaya | Mr. Ajay Sonarkar | 27 |
| 5 | 25/07/2018 | Nikhilam Method | Mr. Ajay Sonarkar | 27 |
| 6 | 26/07/2018 | Paravarta Yojayet Method | Mr. Ajay Sonarkar | 26 |
| 7 | 27/07/2018 | GCD and LCM | Mr. Ajay Sonarkar | 27 |
| 8 | 28/07/2018 | Anurupayen Method | Mr. Ajay Sonarkar | 25 |
| 9 | 29/07/2018 | Osculation Method | Mr. Ajay Sonarkar | 27 |
| 10 | 30/07/2018 | Revision | Mr. Ajay Sonarkar | 27 |

Amathane

Amathane
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



Outcomes

- Perform simple arithmetic calculations with speed and accuracy.
- Will be able to generate tables of any number.
- To perform products of large numbers quickly.

Amal Hans

Smelye
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Nandgaon Khan, Dist. Amravati



Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.

Department of English

Become
Employable **&**
BE Become Employable

Is jointly organizing

**"CERTIFICATE COURSE IN LANGUAGE AND COMMUNICATION
YEAR 2018-2019"**

(Employability Skills & Language Training Centre)

English Language Skills Training Program

Dr. Alka Bhise

Principal

Mr. Sourav Thakur

Trainer

Mr. R.M. Shambharkar

Course Co-Ordinator

For registration contact Department of English

Notice

All the students in college are informed that, our college has decided to **Organize a certificate course on “English Language Skills and Training Program”** for students from **11th February 2019**. Those who are interested will contact Mr. R.M.Shambharkar and register their names.

Date: 05/02/2019

R. M. Shambharkar
~~Principal~~
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati
Nandgaon Khandeshwar



Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar.

Department of English &



Become
Employable

Become Employable

(Employability Skills & Language Training)

Proposal

“CERTIFICATE COURSE IN LANGUAGE AND COMMUNICAION”

'English Language Skills Training Program'

By Sourav Thakur

YEAR 2018-2019

Certificate Course 2018-2019

Title – English Language Skills and Training Program

Objectives:

Poor spoken English may be keeping a large number of India's engineers from landing in some of the best paid jobs in the country. A study has found that an overwhelming 90 per cent of graduates in the **country cannot speak English, required for corporate jobs**. Moreover, as per the report based on the study, about 80 per cent of the students graduating from colleges every year do not possess spoken English skills required for any job in knowledge economy. Although the problem is far more pronounced in tier 2 and tier 3 city students, instilling spoken English skills is a big challenge in these students. About 10,00,000 students graduate annually in India. Recruiters and HR managers around the world report that candidates with English skills above the local average stand out from the crowd and garner 30-50 per cent higher salaries than similarly qualified candidates without English skills & in India the trends are no different, with English fluency being one of the key quality recruiters look for during the interview. Students must be able to communicate technical ideas clearly in interviews.

Proficiency in spoken English gives confidence. The key problem faced by the students is pronunciation, followed by skills, grammar and sentence construction. Students show a larger gap in elements of spoken English, pronunciation and fluency, followed by grammar, though they do relatively better in understanding English. As per the report, only 10 per cent graduates show the ability to speak or respond spontaneously. English is the global language of business and indeed enterprise. The situation is unlikely to change in a globalized economy in the future. Therefore, proficiency in English must be seen as a necessary skill.

Duration of the course:

The duration of the course shall be of 30 hours and lectures shall be conducted during college hours. (Each day shall consist of one lecture of one hour. That is 30 days, 30 hours).

Eligibility of course:

1. Candidates who are admitted in B.Com and B.Sc. degrees will be eligible for the admission of the certificate course 'English Grammar for Competitive Exams'.

Standard of passing:

1. Students have to score at least 40% marks in certificate course examination.
2. Grades will be awarded to students at the end of the course on the basis of aggregate percentage of marks obtained by him or her
3. Students will have to pass multiple choice-based test.

| Sr. No | Grade | Theory exam |
|--------|-------|-----------------------|
| 1 | A+ | 70% and above |
| 2 | A | In between 60% to 70% |
| 3 | B+ | In between 50% to 60% |
| 4 | B | In between 50% to 55% |
| 5 | C | In between 45% to 50% |

Table of Contents

Executive Summary.

1. Introduction...
2. English Language Training for Under-graduates.
3. Proposal.
4. Duration of English Language Training
5. Training Program Contents.
6. Training Plan (Day-wise).
7. Training Program Fee
8. Terms & Conditions.
9. Agreement



Asstt. Prof

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.

Schedule of the Course

Training Plan-Day wise:

| Number of Days | Time | Topic |
|----------------|---------|--|
| Day 1-4 | 4 hours | Course introduction, ice breakers & Expectation setting Motivation to students. Consonants & Vowels Speech Sounds Common English words pronunciation Voice recording & Listening-(Activity) Group Formation & Chart making - (Activity) |
| Day 4-9 | 6 hours | POS (Parts of Speech), Tenses, Modals, Active & Passive voice Articles |
| Day 9-12 | 3 hours | Newspaper reading & Vocabulary building Active listening & Non-verbal communication , Sentence Constriction & Theme based Writing, Introduction, Body & Conclusion of a Speech, Memorized & Impromptu speech delivery, Memorized & Impromptu speech delivery |
| Day 12-15 | 3 hours | Watching English Videos with English subtitles, Newspaper reading & Vocabulary building , Short English skit on social issues, Common conversations in various Situations |
| Day 15-18 | 3 hours | Short English Role-play based on Bollywood, Newspaper reading & Vocabulary building , Impromptu Debate on Various topics, Watching English Movie with English subtitles |
| Day 18-22 | 3 hours | Vocabulary Assessment, Newspaper reading & Vocabulary building, Presenting /Explaining various topics on Green Board, Stress Booster Activities |
| Day 22-25 | 3 hours | Presenting /Explaining various topics on Power point, Newspaper reading & Vocabulary building, individual speech Presentation |
| Day 25-30 | 5 hours | Group discussion ,concept clarification, Discussion on various Social and Industrial Problems |


 Asstt. Prof
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh. Dist. Amravati.



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Vinayak Vidnyan Mahavidyalaya

Tq. Nandgaon Khandeshwar, Dist. Amravati

2018-19

DEPARTMENT OF COMMERCE

ORGANIZES

CERTIFICATE COURSE IN" GOODS AND SERVICES MARKETING



Convener

Mr. Nishant Jaiswal

Assistant Professor

Department of Commerce

Vinayak VidnyanMahavidyalya Nandgaon

Khandeshwar

Dist. Amravati

Certificate Course in " Goods and Services Marketing"

- **About the Course:**
- Goods and services are the outputs offered by businesses to satisfy the demands of consumer and industrial markets. For the purpose of developing marketing strategies, particularly product planning and promotion, goods and services are categorized in two ways.
- **Objectives:**
- 1) To know the basic marketing concepts to students
- 2) To know the skills required for marketing of physical goods and services
- 3) To know the marketing strategies applied by various businesses
- 4) To know the customer expectations and satisfaction
- **Duration of the course:**
- The duration of a course shall be of 30 lectures and shall be conducted on 1 January to 5 February 2019.
- **Eligibility for course:**
- Candidate who appeared in B.com third year will be eligible for the admission of certificate course in "Goods and Services Marketing"
- **Medium of instructions and Structure of Examination:**
- a) Medium of the instructions at the certificate course will be in Marathi and question paper will also set in Marathi
- b) The candidate appearing for the certificate course examination will be of 100 Marks.
- **Eligibility for appearing at certificate course examination:**
- Student should keep the terms with at least 75% attendance.

Schedule

| Sr no | Schedule | Date | Period | Name of Teacher |
|-------|--|--------------------------------|--------|-----------------------|
| 1 | Introduction to Marketing: Definition, marketing evolution, functioning of marketing, four P's of marketing | 01/01/2019 to 07/01/2019 | 06 | Dr. Nishant Jaiswal |
| 2 | Marketing Concepts and Processes: Needs, wants and demands, product, value and satisfaction, formulation of marketing strategy, planning and implementation | 08/01/2019 to 14/01/2019 | 06 | Mr. Rajesh Bajaj |
| 3 | Goods and Services: Concept of goods and services, difference between goods and services, marketing services and physical goods | 15/01/2019 to 21/01/2019 | 06 | Mr. Dinesh Kshirsagar |
| 4 | Consumer Behavior in Goods And Services: Understanding consumer's need and expectations, purchase process of goods and services. Targeting the right customer, consumer complaining behavior | 22/1/2019 to 29/01/2019 | 06 | Dr. P. N. Tayde |
| 5 | Services Marketing Strategic Issues: Creating services and adding values, services delivery system, pricing of services, communicating to customer, education and promotion of services | 30/01/2019 to 05/02/2019 | 06 | Dr. Nishant Jaiswal |

Contact
Mr. Nishant Jaiswal
9860828082

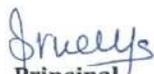
Notice

Date: 24/12/2018

All students of B.com Final year are hereby informed that, Department of Commerce is organizing an **Certificate Course in Goods and Service Marketing**. Duration of Certificate Course is 30 hours from 1st January 2019 to 5th February 2019 and Course timing is from 10.00 am to 11.00 am. Students should register for the course before 31 December 2018.


Convener


HOD
Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Principal
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravat



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Tq. Nandgaon Khandeshwar, Dist. Amravati

DEPARTMENT OF COMMERCE

PROPOSAL

“CERTIFICATE COURSE IN GOODS AND SERVICES MARKETING”

YEAR 2018-19

Certificate Course in "Goods and Services Marketing"

About the Course:

Goods and services are the outputs offered by businesses to satisfy the demands of consumer and industrial markets. For the purpose of developing marketing strategies, particularly product planning and promotion, goods and services are categorized in two ways.

Objectives:

- 1) To know the basic marketing concepts to students
- 2) To know the skills required for marketing of physical goods and services
- 3) To know the marketing strategies applied by various businesses
- 4) To know the customer expectations and satisfaction

Duration of the course:

The duration of a course shall be of 30 lectures and shall be conducted on 1 January to 5 February 2019.

Eligibility for course:

Candidate who appeared in B.com third year will be eligible for the admission of certificate course in "Goods and Services Marketing"

Medium of instructions and Structure of Examination:

- a) Medium of the instructions at the certificate course will be in Marathi and question paper will also set in Marathi
- b) The candidate appearing for the certificate course examination will be of 100 Marks.

Eligibility for appearing at certificate course examination:

Student should keep the terms with at least 75% attendance.

Standards of passing:

1. Students have to get 40% marks in certificate course examination
2. Awards of Grade Class will be awarded to the students at the end of the course on the basis of aggregate marks obtained by Him / Her.

| Sr. No | Grade | Theory exam |
|--------|-------|-----------------------|
| 1 | A+ | 70% and above |
| 2 | A | In between 60% to 70% |
| 3 | B+ | In between 50% to 60% |
| 4 | B | In between 50% to 55% |
| 5 | C | In between 45% to 50% |

The Course content:

1) Introduction to Marketing:

Definition, marketing evolution, functioning of marketing, four P's of marketing

2) Marketing Concepts and Processes:

Needs, wants and demands, product, value and satisfaction, formulation of marketing strategy, planning and implementation

3) Goods and Services:

Concept of goods and services, difference between goods and services, marketing services and physical goods

4) Consumer Behavior in Goods and Services:

Understanding consumer's need and expectations, purchase process of goods and services.
Targeting the right customer, consumer complaining behavior

5) Services Marketing Strategic Issues:

Creating services and adding values, services delivery system, pricing of services, communicating to customer, education and promotion of services.

References:

1. Marketing management - By Philip Kotler (Pearson publication)
2. Services marketing - By Govind Apte (Oxford University press publication)
3. International journal of marketing and business communication (Publishing India group)

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Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

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Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati

Outcomes of the Certificate Course in "Goods and Services Marketing"

- On successful completion of course, the candidate will be prepared with a comprehensive and in depth knowledge about Services Marketing.
- Ability to develop marketing strategies based on product, price, place and promotion objectives.
- Ability to communicate the unique marketing mixes and selling propositions for specific product offerings.
- Ability to formulate marketing strategies and also able to collect, process, and analyze consumer data to make marketing decisions.
- Students will be able to understand the significance of; the consumer decision making process; Role and importance of sales promotional activities; Moral and Ethical issues in advertising; Selection, training, and motivation of sales personnel's.
- At the end of learning this course, the student is expected to understand the Significance of service marketing, aspects of service management and managing service encounters.
- Students will be able to understand the different aspects of service marketing mix, how to formulate strategy and positioning
- Importance of customer relationship management in service marketing
- Measuring customer satisfaction and service quality using SERVQUAL Model.

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Dept. of Commerce
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Nandgaon Kh.

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PRINCIPAL
Vinayak Vidnyan M. havidyalaya,
Nandgaon Khan, Dist. Aniravat

NAAC CRITERION - I



Certificate Courses/Programs

(Year-2017-18)



Academic Year 2017-18

| Sr No | Name of Add on Certificate Programs offered | Course Code | Year of offering | No. of times offered during the same year | Duration of the course | Number of students enrolled in the year | Number of Students completing the course in the year |
|-------|---|-------------|------------------|---|------------------------|---|--|
| 1 | Certificate Course in Tally ERP -9 | Commerce | 2017-18 | First time | 30 Hours | 30 | 30 |
| 2 | Certificate Course Grammar for Competitive Exam | English | 2017-18 | First time | 30 Hours | 42 | 42 |



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Tq. Nandgaon Khandeshwar, Dist. Amravati

2017-18

Department of Commerce
Organizes
“Certificate Course in Tally
ERP.9”

Tally
ERP.9

Convener

Dr. Prafullakumar Tayade

Assistant Professor

Department of Commerce

Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar

Dist. Amravati

About Tally ERP9

Globally recognized, Tally certifications demonstrate that you have honed your skills through rigorous study and direct experience in your area of expertise. Tally is renowned and leading accounting software used by many companies the world over. It is one of the most widely used and easy to understand accounting software.

| | |
|---|---|
| Course | “Certificate course in Tally.ERP.9” |
| Duration | The duration of a course shall be of 30 lectures and shall be conducted on 23 August 2017 to 28 Supt. 2017. |
| Examination Type | Practical Basis |
| Eligibility | Candidate who appeared in B.com III year will be eligible for the admission of certificate course |
| Admission Process | Direct admission |
| Course Fee | Nil |
| Eligibility for appearing at examination: | Student should keep the terms with at least 75% attendance. |
| Passing criteria | Above 40% marks |
| Top Recruiting Companies | Tata Consultancy Services Limited, WNS Global Services, Wipro Technologies Ltd., Tata Motors, Bharat Sanchar Nigam Limited (BSNL), National Small Industries Corporation Limited (NSIC), Heavy Engineering Corporation Limited (HEC Ltd |

Notice

Date: 16/08/2017

All students of B.com III year are hereby informed that, Department of Commerce is organizing a Certificate Course in "Certificate course in Tally.ERP.9". Duration of Certificate Course is from 23 August 2017 to 28 Sept. 2017 and daily one hour session will be conducted for the participant i.e from 10.00 am to 11.00 am. Students should register for the course before 22 August 2017.


Convener
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Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


HOD
Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Principal
PRINCIPAL
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Nandgaon Khan, Dist. Amravati



SANTOUSHI BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED

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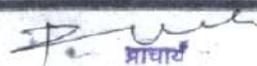
Department of Commerce

"Certificate course in Tally ERP.9" 2017-18

About Tally ERP.9

Globally recognized, Tally certifications demonstrate that you have honed your skills through rigorous study and direct experience in your area of expertise. Tally is renowned and leading accounting software used by many companies the world over. It is one of the most widely used and easy to understand accounting software.

| | |
|---|---|
| Course | "Certificate course in Tally.Erp9" |
| Objectives | <ul style="list-style-type: none">• Modify a worksheet, perform calculations and print workbook contents• Understand and apply basic principles of accounting• Understand double-entry system of accounts• Understand the basic features associated with Tally• Identify the key components of Tally• Process and record the business transactions and manage the accounts information |
| Duration | The duration of a course shall be of 30 lectures and shall be conducted on 23 August to 28 Supt. 2017. |
| Examination Type | Practical Basis |
| Eligibility | Candidate who appeared in B.com Final year will be eligible for the admission of certificate course |
| Admission Process | Direct admission |
| Course Fee | Nil |
| Eligibility for appearing at examination: | Student should keep the terms with at least 75% attendance. |


प्राचार्य
विनायक विज्ञान महाविद्यालय
नांदगाव खंडेश्वर


Head
Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

| | |
|--------------------------|--|
| Passing criteria | Above 40% marks |
| Top Recruiting Companies | Tata Consultancy Services Limited, WNS Global Services, Wipro Technologies Ltd., Tata Motors, Bharat Sanchar Nigam Limited (BSNL), National Small Industries Corporation Limited (NSIC), Heavy Engineering Corporation Limited (HEC Ltd) |

“Certificate course in Tally ERP9”

Content

| Sr. No | Topic | No of Period |
|-------------------|---|--------------|
| 1 | BASIC OF ACCOUNTING Introduction, Types of Accounts, Accounting Principles or concepts, Mode of Accounting, Rules of Accounting, Double entry system of book keeping | 06 |
| 2 | FUNDAMENTALS OF TALLY.ERP 9 Introduction of Tally.ERP 9, History of tally, Versions of tally, Company Features, Configuration, Getting functions with Tally.ERP9 | 06 |
| 3 | ACCOUNTING MASTERS IN TALLY.ERP-9 Chart of Groups, Groups, Multiple Groups, Ledgers, Multiple Ledgers | 06 |
| 4 | VOUCHERS ENTRIES IN TALLY.ERP9 2hr Introduction, Types of Vouchers, Chart of Vouchers, Accounting Vouchers, Inventory Vouchers | 06 |
| 5 | ADVANCE ACCOUNTING IN TALLY.ERP9 Bill wise details, Cost centers and Cost Categories, Multiple currencies, Interest calculations, Budget and controls, Scenario management, Bank Reconciliation | 06 |
| Total days | | 30 |


प्रमुख

विद्ययन महाविद्यालय
नन्दगाव खंडेश्वर

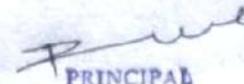

Head

Dept. of Commerce
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

“Certificate course in Tally ERP9”

Schedule

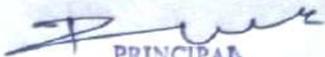
| Sr. No | Topic | Name of the Teacher | Date | No of Period |
|-------------------|---|------------------------|-----------------------------|--------------|
| 1 | BASIC OF ACCOUNTING Introduction, Types of Accounts, Accounting Principles or concepts, Mode of Accounting, Rules of Accounting, Double entry system of book keeping | Mr. Jaiswal Nishant | 23 to 30 Aug. 2017 | 06 |
| 2 | FUNDAMENTALS OF TALLY.ERP 9 Introduction of Tally.ERP 9, History of tally, Versions of tally, Company Features, Configuration, Getting functions with Tally.ERP9 | Dr. Prafullkumar Tayde | 31 Aug to 7 Supt. Dec. 2017 | 06 |
| 3 | ACCOUNTING MASTERS IN TALLY.ERP-9 Chart of Groups, Groups, Multiple Groups, Ledgers, Multiple Ledgers | Mr Dinesh Kshirsagar | 7 to 13 Supt. 2017 | 06 |
| 4 | VOUCHERS ENTRIES IN TALLY.ERP9 2hr Introduction, Types of Vouchers, Chart of Vouchers, Accounting Vouchers, Inventory Vouchers | Mr. Jaiswal Nishant | 14 to 20 Supt 2017 | 06 |
| 5 | ADVANCE ACCOUNTING IN TALLY.ERP9 Bill wise details, Cost centers and Cost Categories, Multiple currencies, Interest calculations, Budget and controls, Scenario management, Bank Reconciliation | Dr. Prafullkumar Tayde | 21 to 27 Supt 2017 | 06 |
| Total days | | | | 30 |


PRINCIPAL
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khan, Dist. Amravati


Head
Dept. of Commerce
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 Nandgaon Kh.

Outcomes of the Certificate Course

- After successful completion of the module, the students shall be able to: Basic Knowledge of accounting procedure.
- After completion of the 30 hours certificate course, Students will be able to Practical training; the students can maintain the accounts independently.
- At the end of the program, students were found confident towards using Tally ERP-9 software while solving practical problems. They were found trained in creating / selecting any company / group creating.
- After successful completion of the module, the students shall be able to Create Company with sufficient introduction / basic company information and also able to modify company data.
- After successful completion of the module, the students shall be able to:
 - Make Journal entries into proper head.
 - Make ledger into proper group
 - Correction of Ledgers & Groups as and when required.
- After successful completion of the module, the students shall be able to: Make an entry to Payment, Receipt, Journal, Contra, Purchase, Sales, and Purchase Return & Sales Return Voucher in r / o to related Ledgers.
- After successful completion of the module, the students shall be able to:
 - Overall view of Indirect Taxation
 - Identify the Incidence of Taxation
 - Describe the Goods & Services with their cross linkages
 - Identify cases where CGST & SGST will work


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Pravin Khodke Memorial Trust Amravati's

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar.

Department of English

Is organizing a certificate course on

**‘Grammar for Competitive Exams’
2017-2018**

**Mr. R.M. Shambharkar
Tutor**

**Dr. Waman K. Pokale
Principa l**

**Dr. Suchita Khodke
IQAC Co-Ordinator**

For registration contact Department of English

Notice

All the students in college are informed that, our college has decided to organize a certificate course on 'English Grammar for Competitive Exams', under **English Language Skills and Training Program**' for students from **16/08/2017**. Those who are interested will contact Mr. Ayub Shaha and register their names.

Date: 10/08/2017



Principal
PRINCIPAL

Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh. Dist. Amravati

Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.

Department of English

PROPOSAL

“CERTIFICATE COURSE IN LANGUAGE AND COMMUNICAION”

‘English Grammar for Competitive Exams’

YEAR 2017-18

Certificate Course 2017- 2018

Title - Certificate course on 'English Grammar for Competitive Exams'.

Objectives:

- 1) To make student aware of basic concept of English grammar.
- 2) To make student remember all the rules regarding grammar.
- 3) To make student use English grammar rule while speaking as well as writing.
- 4) To make student aware regarding competitive exam and English as an optional subject for main exam.

Duration of the course:

The duration of the course shall be of 30 hours and lectures shall be conducted during college hours. (Each day shall consist of one lecture of one hour. That is 30 days, 30 hours, 30 Lectures).

Eligibility of course:

Candidates who are admitted in B.Com and B.Sc. degrees will be eligible for the admission of the certificate course 'English Grammar for Competitive Exams'.

Medium of instruction and structure of examination:

Medium of instruction of the certificate course will be e English and Marathi and question paper will be in English.

Standard of passing:

1. Students have to score at least 40% marks in certificate course examination.
2. Grades will be awarded to students at the end of the course on the basis of aggregate percentage of marks obtained by him or her
3. Candidates appearing for certificate course shall have to go through examination of 20 marks.

Eligibility for receiving certificate:

4. At least 75% attendance is compulsory. He or she should complete given homework and activities

| Sr. No | Grade | Theory exam |
|--------|-------|-----------------------|
| 1 | A+ | 70% and above |
| 2 | A | In between 60% to 70% |
| 3 | B+ | In between 50% to 60% |
| 4 | B | In between 50% to 55% |
| 5 | C | In between 45% to 50% |


Asstt. Prof
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.

The course content:

1) An Introduction to English Grammar.

Definitions, introduction of the terms, why grammar is necessary? removing fear of English.

2) Parts of Speech:

Noun, Pronoun, Verb, Adverb, Adjective, Preposition, Conjunction, Interjection.

3) Tenses:

Simple present tense, present continuous tense, present perfect tense, present perfect continuous tense, simple past tense, past continuous tense, past perfect tense, past perfect continuous tense, simple future tense, future continuous tense, future perfect tense, future perfect continuous tense.

4) Modals

5) Active and Passive Voice

6) Change the Narration

7) Articles 'a, an, the'

8) Question Tag

9) Figures of Speech

10) Gerund

11) Transformation of Sentences

References:

1. Wren and Martin
2. English Grammar and Composition S.C. Gupta
3. General English – S.P. Bakshi



Asstt. Prof
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.

Schedule of the Course

| Sr. No. | Schedule | Date | Period | Name of Teacher |
|---------|---|----------------------|--------|-----------------|
| 1. | 1) An Introduction to English Grammar. Definitions, introduction of the terms, why grammar is necessary? removing fear of English. | 21/08/2017 | 1 | R.M.Shambharkar |
| 2. | 2) Parts of Speech: Noun, Pronoun, Verb, Adverb, Adjective, Preposition, Conjunction, Interjection. | 22,23,24/08/2017 | 3 | R.M.Shambharkar |
| 3. | 3) Tenses: Simple present tense, present continuous tense, present perfect tense, present perfect continuous tense, simple past tense, past continuous tense, past perfect tense, past perfect continuous tense, simple future tense, future continuous tense, future perfect tense, future perfect continuous tense. | 25,28,29,30,31/08/17 | 5 | R.M.Shambharkar |
| 4. | 4) Modals | 01,04,05/09/2017 | 3 | R.M.Shambharkar |
| 5. | 5) Active and Passive Voice | 6,7,8/09/2017 | 3 | R.M.Shambharkar |
| 6. | 6) Change the Narration | 11,12,13/09/2017 | 3 | R.M.Shambharkar |
| 7. | 7) Articles 'a, an, the' | 14,15/09/2017 | 2 | R.M.Shambharkar |
| 8. | 8) Question Tag | 16/09/2017 | 1 | R.M.Shambharkar |
| 9. | 9) Figures of Speech | 18,19,20/09/2017 | 3 | R.M.Shambharkar |
| 10. | 10) Gerund | 21,22/09/2017 | 2 | R.M.Shambharkar |
| 11. | 11) Transformation of Sentences | 23,25,26,27/09/2017 | 4 | R.M.Shambharkar |


Assit. Prof

Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh. Dist. Amravati.