

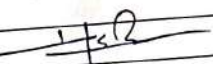
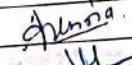

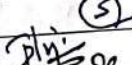

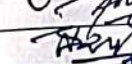
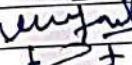
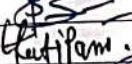
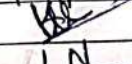

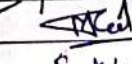
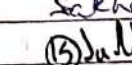






Date: 01/07/2017


### Notice of Academic Council to all Head of Departments

All the heads of the department are informed to prepare the proposal for certificate / Value added / Bridge Courses to be conducted in academic year 2017 - 2018 as per the guidelines given below and submit the same on or before 06/07/2017.

- a) Permission letter from Principal
- b) Syllabus, Course structure and objectives.
- c) Outcomes.

1. Dr. D. N. Chinte
2. Dr. H. D. Chandore
3. Dr. R. V. Tartipamul
4. Shri. E. L. Rathod
5. Dr. B. S. Sawant

Sr. No.	Head Of Department	Signature
1.	Zoology	
2.	Botany	
3.	Chemistry	
4.	Physics	
5.	Mathematics	
6.	Fishery Science	
7.	Horticulture	
8.	Electronics	
9.	Computer Science	
10.	Dairy Science	
11.	Commerce	
12.	Geography	
13.	History	
14.	Political Science	
15.	Sociology	
16.	Economics	
17.	Home Science	
18.	Language	

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

Date: 08/07/2017

### Notice to Academic Council Members

All the academic council members are hereby informed to attend the meeting 10/07/2017 regarding the scrutiny of the proposal received for certificate courses from various departments.

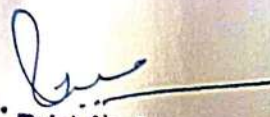
1. Dr. D. N. Chinte
2. Dr. H. D. Chandore
3. Dr. R. V. Tartipamul
4. Prof. E. L. Rathod
5. Dr. B. S. Sawant

### Minutes of the meeting of Academic Council

Meeting of the Academic Council is arranged in the Principal Cabin on 10/10/2017. Principal was the president for the meeting. In this meeting the sixteen proposals received from following department were scrutinized. The permission is granted to start the following certificate courses in 2017 -2018 as per guideline and suggestion by the Principal;

Sr. No.	Head Of Department	Certificate
1.	Zoology	i. Sericulture ii. Apiculture
2.	Botany	i. Certificate Courses in Plant Tissue Culture ii. Taxonomy iii. Plant Pathology
3.	Fishery Science	Fish Production Technology
4.	Horticulture	i. Certificate Course in Landscaping and Garden ii. Organic Production in Crop
5.	Computer Science	Remote Sensing and GIS
6.	Commerce	Direct Tax
7.	Geography	GIS, GPS, and Remote Sensing
8.	Economics	Sustainable Development
9.	History	Gandhian Thoughts
10.	Political Science	Panchayat Raj System
11.	Sociology	NGO management and Social Development
12.	Language	Translation : Marathi, Hindi, English

Sr. No.	Head Of Department	Bride/Value added Courses
1.	Botany	Bridge Course in Basic Botany and Laboratory Tech.
2.	Horticulture	i. Food value Course in Bonsari Culture Management ii. Fruit and Vegetable Processing iii. Bakery , Ice Cake and Confectionery

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad



Date:- / /2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

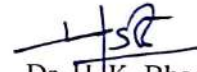
Subject: - Permission to start Certificate Course on **Sericulture**

Respected Sir,

With reference to above cited subject, Department of Zoology seek kind approval to start certificate course in **Sericulture** for B. Sc. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

  
Dr. H. K. Bhagwan  
(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad



Date:- / /2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Apiculture**

Respected Sir,

With reference to above cited subject, Department of Zoology seek kind approval to start certificate course in **Apiculture** for B. Sc. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

Dr. H. K. Bhagwan

(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

**Principal**  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

# Application

Date: 25/9/2019

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Plant Tissue Culture**

Respected Sir,

With reference to above cited subject, Department of **Botany** seeks kind approval to start certificate course in **Plant Tissue Culture** for B. Sc. students from academic year from 2019 to 2020.

I hope you will grant us permission to start said certificate course

Thanking you!

  
Convener

Dr. S. B. Bhosale

  
HOD

Mrs. A. R. Mukhedkar

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

# Application

Date: - 1/7/2016

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Improving Your Skills in Plant Taxonomy**

Respected Sir,

With reference to above cited subject, Department of Botany seeks kind approval to start certificate course in **Improving Your Skills in Plant Taxonomy** for B. Sc. students from academic year from 2016 to 2019.

I hope you will grant us permission to start said certificate course

Thanking you!

  
Convener

Dr. S. B. Bhosale

  
HOD

Mrs. A. R. Mukhedkar

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

# Application

Date: - 17/201

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Improving Your Skills in Plant Taxonomy**

Respected Sir,

With reference to above cited subject, Department of **Botany** seeks kind approval to start certificate course in **Improving Your Skills in Plant Taxonomy** for B. Sc. students from academic year from 2019 to 2020.

I hope you will grant us permission to start said certificate course

Thanking you!



Convener

Dr. V. R. Mhaske

  
HOD

Mrs. A. R. Mukhedkar



Principal

S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

# Application

Date: 25/6/2016

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

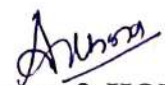
Subject: - Permission to start Certificate Course on **Plant Pathology**

Respected Sir,


With reference to above cited subject, Department of **Botany** seeks kind approval to start certificate course in **Plant Pathology** for B. Sc. students from academic year from 2016 to 2019.

I hope you will grant us permission to start said certificate course

Thanking you!

  
Convener & HOD

Mrs. A. R. Mukhedkar

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad





Date:- / /2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Fish Feed Production Technology**

Respected Sir,

With reference to above cited subject, Department of **Fishery Science** seeks kind approval to start certificate course in **Fish Feed Production Technology** for B.A. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

Q

  
Dr. D. N. Chinte

**Head**  
(Head of Department)  
**Department of Fishery science**  
S.M.Dnyandeo Mohekar Mahavidyalaya  
Kalamb, Dist.Osmanabad

Copy to:

1. NAAC Coordinator
2. Academic Council

  
**Principal**  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq.Kalamb Dist.Osmanabad

Date: -07/04/2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Remote Sensing and GIS**

Respected Sir,

With reference to above cited subject, Department of **Computer Science** seeks kind approval to start certificate course in **Remote Sensing and GIS** for B.A., B.com., B.Sc. students from academic year .....

I hope you will grant us permission to start said certificate course

Thanking you

  
(Head of Department)

Copy to:

1. NAAC Coordinator
2. Academic Council



Principal

S.M. Dayandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

**Shikshan Maharshi Dnyandeo Mohekar Mahavidyalaya Kalamb**  
**Tal. Kalamb Dist. Osmanabad**



Department of Computer Science

(Academic Year: 2017-18)

**Name of Course: Certificate Course on Remote Sensing and GIS**

**Course Code:** RSEC-101

**Date of Introduction:** 01 July 2018

**Course coordinator:** Smt S.M, Kothawale

**Contact:**

**Duration of Program:** 3 Months

**Intake Capacity:** 20

**Credit:** 04 (02 Theory/02 Practical)

**Eligibility of candidate:** Students from any stream can enrol (B.A, B.com and B.Sc.)

**Objectives:**

1. Remote Sensing (*RS*) is the process of detecting and monitoring the physical characteristics of an area by measuring its reflected and emitted radiation at a distance.
2. Geographic Information System (*GIS*) is a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface.
3. Get the location of the device in longitude and latitude format.
4. To get knowledge of researchers "sense" things about the Earth.

**Skill development and Outcome:** To get skill of reliable information of natural and man-made features or processed and interpreted appropriately phenomenon occurring over the earth's surface without making any physical contact.

Ability to create and modify geographic data from a variety of source such as text files, hard-copy maps, GPS data, and field notes.

**Career opportunities and employability:**

Remote sensing tech lead, project fellow/project assistant, assistant professor, technical associate, regional manager, GIS executive, research associate, remote sensing & GIS software analyst, remote sensing & GIS technical program manager.

**Course Content/ Syllabus:**

**Theory:**

**Unit.1.** Introduction, Remote Sensing, Electromagnetic radiation, Electromagnetic spectrum, Interactions with the atmosphere, radiation, passive, active sensing, characteristics of images.

**Unit.2.** Sensors, on the ground, satellite characteristics, pixel size and scale, spectral resolution.


**Practical:**


1. Introduction to satellite image.
2. How to capture google satellite image.
3. Live map view from satellite latitude and longitude on google maps.
4. Capture compass app to NL and EL.
5. How to navigate to whatsApp live location.
6. How to open satellite image in QGIS.
7. Digitizing shape QGIS.
8. Create a polygon in QGIS.
9. How to create area of shape file in QGIS.
10. How to make map using QGIS.
11. Georeferencing in QGIS.
12. Google earth Georeferencing in QGIS.
13. Land use / Land cover (LULC) mapping using QGIS.
14. Study area map using QGIS.
15. How to calculate vegetation indices using QGIS.

**Suggested Readings:**

1. Campbell, J.B., (1987), Introduction to remote sensing. The Guilford press, New York.
2. Lillesand, T.M. and Kiefer, R.W., (1994), Remote Sensing and Image Interpretation. John Wiley and Sons Inc., New York.
3. Jensen, John R., (1986), Introductory Digital Image Processing. Prentice-Hall, New Jersey.
4. Ian Heywood, Sarah Cornelius, Steve Carver., (2010), An Introduction to Geographical Information Systems, Third Edition.
5. Sujit Choudhary, Deepankar Chakrabarti, Suchandra Choudhary., (2009), An Introduction to Geographical Information Technology, I.K. International Publishing House Pvt.Ltd.
6. Md. Bodruddoza Mia., (2007). Remote Sensing, GIS and Its application, Ph.D. Student, Earth Resources Engineering Kyushu University, Japan and Lecturer, Department of Geology, University of Dhaka, Bangladesh. John R. Jensen, "Remote Sensing of the Environment", Second Edition.
7. Arden Albee., (2004), A Very Brief Introduction to Remote Sensing, April 15.

  
**Program Coordinator**  
S.M.D.M.M.K

  
**Head of Department**  
S.M.D.M.M.K

  
**NACC Coordinator**  
IQACC Cell  
S.M.D.M.M.K

Department of Computer Science  
S.M.Dnyandeo Mohekar Mahavidyalaya  
Kalamb Dist. Osmanabad-413507  
**IQACC Coordinator**  
**S.M.Dnyandeo Mohekar**  
Mahavidyalaya, Kalamb

  
**Principal**  
S.M.D.M.M.K

**Principal**  
S.M.Dnyandeo Mohekar Mahavidyalaya  
Kalamb Tq. Kalamb Dist.. Osmanabad

Date: - / /

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course in **Taxation**

Respected Sir,

With reference to above cited subject, Department of **Commerce** seeks kind approval to start certificate course **Taxation** for B. com. students from academic year 2018-19.

I hope you will grant us permission to start said certificate course

Thanking you

  
(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

  
**Principal**  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq.Kalamb Dist..Osmanabad

**ABOUT THE COURSE:**

No government can run a country without revenue. One of the major sources of revenue is taxation. Taxes can be classified as Direct and Indirect Tax. **Certificate course in Taxation** has the great significance it provides knowledge in Income Tax & GST both. The course helps the student to aware about the Taxation, the student will learn how to file **online ITR -TDS – GST return**

Income Tax Act, 1961 is the prime legislation in the area of direct taxes in India. GST (Goods & Services Tax) is major tax reform in the Country and is a game-changer. There has been a paradigm shift in the Indirect Tax structure with the GST rollout w.e.f 1st July 2017.

Department has expectations from this certificate course is aware of the student about the taxation system in India. Direct and indirect tax concepts and implementation have to be understood in a simple way for our students.

**LEARNING OUTCOMES:**

To gain knowledge on the direct taxation system of India To

Knowledge of computation of income tax

To understand and make use of knowledge of taxation, Goods, and Service Tax (GST) in taking various decisions

**COURSE DURATION:**

The course duration is 30 Hour.

**ELIGIBILITY CRITERIA:**

Basic eligibility required for the **Certificate course in Taxation** students must have successfully passed 12th Standard/HSC/10+2 (or equivalent Level of Examination) from any recognized Board. Prefer candidates with 50% marks for the admission process. Only 20 candidates should enroll for a course on the basis of first cum first basis.

**COURSE FEE:**

No fees charged by the institution for this Certificate course.

**COURSE MODULES & CONTENTS:**

2 Credit course. The course contains direct tax and indirect tax.

**EXAMINATION, MARK, AND GRADING:**

**EXAM DURATION -1 HOUR,**

**MARK-100 MARK,**

**EXAM STRUCTURE -MCQ TYPE**

Date: 03/07/2017



To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject:- Permission to start Certificate Course on GIS, GPS and Remote Sensing

Respected Sir,

With reference to above cited subject, Department of Geography seeks kind approval to start certificate course in GIS, GPS and Remote Sensing for B.A. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

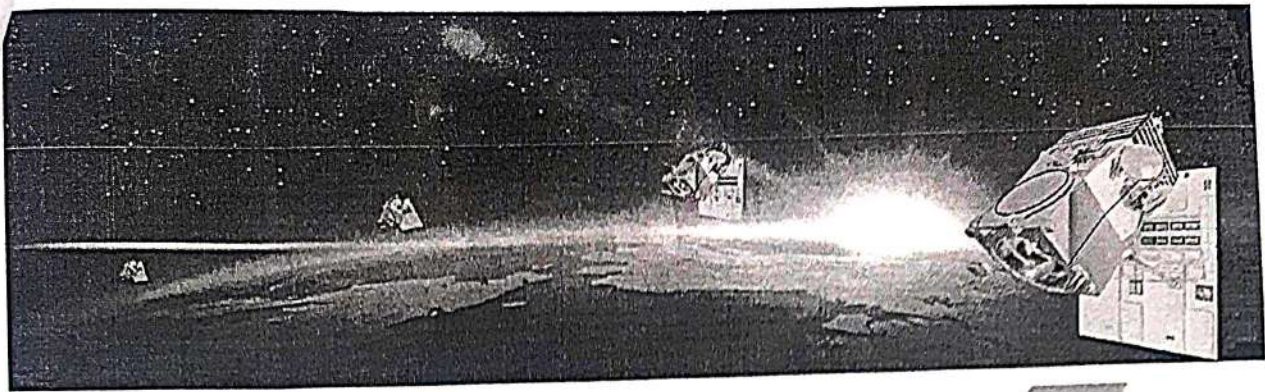
Dr. V. S. Anigunte

(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

**Principal**  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

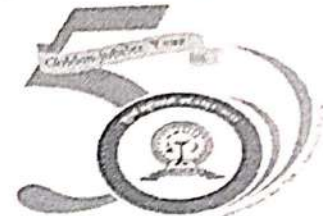


**Shikshan Maharshi Dnyandeo Mohekar Mahavidyalaya**

**Tal. Kalamb Dist. Osmanabad**

**Department of Geography**

**(Academic Year: 2016-17)**



**Name of Course: Certificate course in GIS, GPS & Remote Sensing**

**Course Code: GSEC-101**

**Date of Introduction: 25/07/2016**

**Course coordinator: Dr.Tatipamul R.V**

**Duration of Program: 6 Months**

**Intake Capacity: 10**

**Credit: 04 (02 Theory/01 Practical)**

**Eligibility of candidate: XII<sup>th</sup> Pass**

**Objectives:**

1. This program fosters career development in Geoinformatic.
2. This program broadens subject and practical knowledge of cartography and Map Making and Surveying.

3. **Skill development and Outcome:** To get skill of cartography and Map Making and Surveying.

**Career opportunities and employability:**

Student can start their self-employment in cartography, Map making and surveying. It will empower them to start self-employment and stand financially on own feet.

**Course Content/ Syllabus:**

**Name of Course: Certificate course in GIS, GPS & Remote Sensing 4 credits**

**Theory Paper I**

**Geographical Information System & GPS**

**1.1 Geographical Information System**

**1 credits**

1.2 introduction of GIS

1.3 GIS definition and terminology

1.4 functional subsystem of GIS

1.5 Components of GIS

1.6 GIS Data model: - Spatial data and Non spatial data

1.7 Raster Data model :- Advantages and Disadvantages

1.8 Vector Data model:- Advantages and Disadvantages

1.9 Application of GIS



**2) Global positioning System**

- 2.1 Introductions of GPS
- 2.2 Components of GPS
- 2.3 Function of GPS

**Theory Paper II  
Remote Sensing**

**1 credits**

**1) Remote Sensing**

- 1.1 Introduction of remote sensing
- 1.2 Definition and scope of RS
- 1.3 Energy Source and Energy Radiation
- 1.4 Platforms-types and their characteristics
- 1.5 Satellite and their characteristics- Geo stationary and Sun-Synchronous
- 1.6 Sensors- types and their characteristics
- 1.7 Aerial Photographs: - Types and Elements of Aerial Photographs

**Practical I**

**2 credits**

**Unit 1 Fundamental concepts in Global Mapper software**

- 1) Concept of Georeference
- 2) Concept of digitization
- 3) Concept Satellite image
- 4) Concept Drainage Pattern
- 5) Concept of watershed area
- 6) Concept of contour

**Unit 2 Global Mapper Software Operating**

- a) Map digitization
- b) Satellite Image Access
- c) Automatic Watershed Analysis
- d) Automatic Contour Generation
- e) 3D Digital Elevation Model Creation
- f) Automatic Drainage pattern

**Unit 3 Global Positioning System**

- a) Carrying out GPS in Survey
- b) Mark Waypoint
- c) Save tracks for analysis
- d) Get Elevation Data

**Suggested Readings:**

1. Anji Reddy, Remote Sensing and Geographical Information Systems, BS Publications 2001.
2. M.G. Srinivas, Remote Sensing Applications, Narosa Publishing House, 2001.
3. Lillesand T.M. and Kiefer R.W. Remote Sensing and Image Interpretation, John Wiley and Sons, Inc, New York.
4. Janza.F.J., Blue, H.M., and Johnston, J.E., Manual of Remote Sensing Vol.I, American Society of Photogrammetry, Virginia, U.S.A, 1975.
5. Barrow., G. M., 1962, Introduction to Molecular Spectroscopy, New York, McGraw-Hill.
6. Mather, P. M., 1987, Computer Processing of Remotely Sensed Images: An Introduction, John Wiley & Son.
7. Fisher., J., 1989, The pixel, a snare and a delusion, International Journal of Remote Sensing, 18, pp. 679-685

8. 8. Hunt., G. R, Salisbury, J. W., and Lenyoff, C. J., 1973, Visible and Near Infrared Spectra of Minerals and Rocks. V11. Acidic Igneous Rocks, Modern Geology, Vol. 4, pp 217-224.

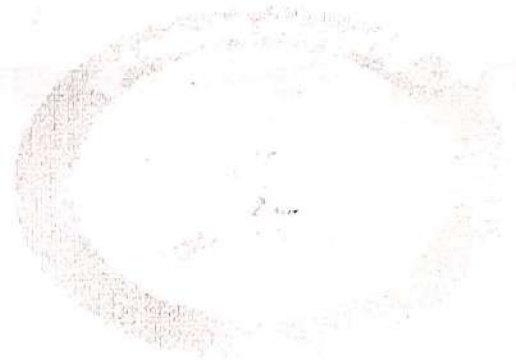
9. 9. Curran., P., 1989, Principles of Remote Sensing, Longman, London

*S.D.M.M.K.*  
 Course  
 Coordinator  
 S.D.M.M.K

*S.M. Dnyandeo Mohekar*  
**HEAD**  
 Department Of Geography  
 Head of Department  
 S.M.Dnyandeo Mohekar  
 Mahavidyalaya, Kalam  
 S.D.M.M.K

*S.M. Dnyandeo Mohekar*  
 NAAC Coordinator  
 IQAC Cell  
**IQAC**  
 Coordinator  
 S.M. Dnyandeo Mohekar  
 Mahavidyalaya, Kalam

*S.D.M.M.K.*  
 Principal  
 S.D.M.M.K



Date: 20/07/2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Sustainable Development**

Respected Sir,

With reference to above cited subject, Department of Economics seek kind approval to start certificate course in **Sustainable Development** for B.A. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you



Dr. M. B. Jadhav

(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council



Principal

S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad



**Name of Course: Certificate course on Sustainable Development**

Course Code: Sustainable Development - 07 - *ESES*

Date of Introduction: 01/08/2017

Course coordinator: Smt. Dr. Minakshi Bhaskar Jadhav

Duration of Program: 3 Months

Intake Capacity: 20

Credit: 02 (02 Theory)

Eligibility of candidate: XII<sup>th</sup> Pass

**Objectives:**

1. Reviving growth
2. Changing the Quality of growth
3. Meaning essential needs for Job, Food, Energy, Water and Sanitation
4. Conserving and Enhancing Resource Base
5. Reorienting Technology.
6. Merging environment and economics in decision making.

**Course Content/ Syllabus:**

**Theory:**

Sustainable Development

**Syllabus**

1. Introduction

Definition, Nature and Scope of Sustainable Development, Objectives, Economic Development, Development and Under Development, Poverty, Absolute and Relative, measuring development and development gap, per capita income, inequality of income and wealth. Human Development index and other indices of development and quality of life

2. Theories of economic development

Classical Theory of Development, Adam Smith theory of development, Marx's Theory of Development, Theory of Social Change, Crisis in Capitalism, Schumpeter and Capitalistic Development

3. Sectoral View of Development

Role of Agriculture in economic development, Importance of land reforms, new technology and sustainable agriculture, globalization and agricultural growth.

4. Environment Ecology and Pollution Control

Environment Ecology linkage, luxury, population, environment linkage, valuation of environmental

damage, land, water, air and forest. Prevention control and abatement of pollution indicators of sustainable development.


**Skill development and Outcome:**

1. To get skill of Safe, Healthy, Quality Working lives for our people.
2. Products that accelerate more sustainable lifestyles.
3. Products that create Sustainable infrastructure .
4. Efficient use of resources and high recycling rates.
5. Responsible energy user that helps create a lower carbon future.
6. Supply chains that our customers trust.
7. Trusted user of air, land, and water.

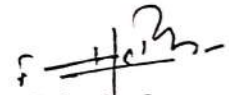
**Books and References**

S. K. Mishra, V. K. Puri, Economics of Development and Planning  
 S. K. Mishra, V. K. Puri, Indian Economy (2003)  
 J. P. Sharma 2011, Environmental Studies, University Science Press  
 P. D. Sharma 2009, Ecology and Environment, Rastogi Publication  
 P. K. Singhal, Pankaj Shrivastav Challenges in sustainable development

  
**Program  
 Coordinator**  
 S.D.M.M.K

  
**Head of  
 Department**  
 S.D.M.M.K

  
**NAAC Coordinator**  
**IQAC**  
**Coordinator**  
 S.M.Dnyandeo Mohekar  
 Mahavidyalaya, Kalamb

  
**Principal**  
 S.D.M.M.K  
 S.M.Dnyandeo Mohekar Mahavidyalaya  
 Kalamb Tq.Kalamb Dist. Osmanabad



Date:-25/06/2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject:- Permission to start Certificate Course on **Gandhian Thoughts**

Respected Sir,

With reference to above cited subject, department of History seek kind approval to start certificate course in **Gandhian Thoughts** for B.A. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

Dr. K.W. Pawde

(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

**Principal**  
S.M.Dnyandeo Mohekar  
Mahavidyalaya Kallam



**SHIKSHAN MAHARSHI  
DNYANDEO MOHEKAR  
MAHAVIDYALAYA,  
TQ. KALAMB DIST. OSMANABAD  
DEPARTMENT OF HISTORY  
ACADEMIC YEAR : 2017-2018**



Name of Course : <b>GANDHIAN THOUGHT'S</b>	
Course Code: HIS -105	2-July to 2-Oct 2017
Date of Introduction:	
Course coordinator: Dr. Pawde Khobraji W.	
Duration of Program: 3 Months	
Intake Capacity: 10	
Credit: 04 (03 Theory/01 Practical)	
Eligibility of candidate: XII <sup>th</sup> Pass	
<b>Objectives :</b> <ol style="list-style-type: none"><li>1. To understand the a mahatama Gadhian life Biography.</li><li>2. To understand the a mahatama Gadhian social,Political,Health related, Rural Development ect.thought.</li><li>3. To understand the Gandhian Thoughts.</li></ol>	
<b>Skill development and Outcome :</b> Students should enrich their knowledge about mahatma Gandhi and Students enrich their knowledge about mahatma gadhi Life Biography and student the understating the mahatma Gandhi thought and current relevance.to enrich in student life Ahimsa and Truth.	
<b>Career opportunities and employability :</b> student self development ,and Career in various social institute working as NGO form in government and non-government sector.and students oppurinity political ledership development,lecturer, Employability as Community Organizer, Awareness Specialist, Counselor in various department, Trainer, Community development Specialist and other so many opportunities in rural and urban areas.	
<b>Course Content/ Syllabus:</b>	
<b>Unit I – Gadhian life Biography.</b>	<b>1 Credit</b>
<ul style="list-style-type: none"><li>➤ Childhood</li><li>➤ Education</li></ul>	

**Unit II – Gandhian social Thought**

**1 Credit**

- Education
- Health related
- Ramrajya Concept

**Unit III – Gandhian political Thought**

**1 Credit**

- satya
- Ahimsa
- Satyagrhya

**Unit IV – Practical**

**1 Credit**

- Rally
- Street Theatre
- Course related activities

**Suggested Readings :**

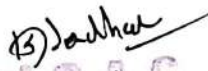
1. विधायक कार्यक्रम ,त्याचे रहस्य व स्थान मोहनदास करमचंद गांधी ,नवजीवन प्रकाशन मंदिर ,अहमदाबाद.
2. पंचायत राज्य : लेखक मो.का. गांधी, नवजीवन प्रकाशन मंदिर ,अहमदाबाद.
3. मोहन ते महात्मा : संकलन रिसर्च टीम गांधी रिसर्च फाउंडेशन, जळगाव .
4. सत्याग्रही बापू : नारायण भाई देसाई , संकलन रिसर्च टीम गांधी रिसर्च फाउंडेशन, जळगाव.
5. राष्ट्र निर्माता बापू : नारायण भाई देसाई संकलन रिसर्च टीम गांधी रिसर्च फाउंडेशन, जळगाव.
6. गांधी व्यक्तित्व : नारायण भाई देसाई संकलन रिसर्च टीम गांधी रिसर्च फाउंडेशन, जळगाव.
7. हमारे गाव का पुनर्निर्माण गांधीजी : संपादक भारतरत्न कुमार आप्पा,नवजीवन प्रकाशन मंदिर अहमदाबाद.
8. हिंदवी स्वराज्य : मोहनदास करमचंद गांधी, नवजीवन प्रकाशन मंदिर अहमदाबाद
9. कार्यकारी संपादक सोमनाथ रोडे :- मराठवाडा इतिहास परिषद औरंगाबाद, इतिहास संशोधन पत्रिका
10. य. दि. फडके :- विसाव्या शतकातील महाराष्ट्राचा राजकीय इतिहास 1930-39 ( खंड 4) श्रीविद्या प्रकाशन पुणे .
11. अनु. पटवर्धन सी. पु. :सत्याचे प्रयोग अथवा आत्मकथा, रिया पब्लिकेशन कोल्हापूर.




12. अनु. देशपांडे मुक्ती शिरीष :मोहनदास मेहता पब्लिकेशन हाऊस
13. संग्रह. प्रभू आर. के. मोरे : सपनो का भारत नवजीवन मुद्रालय, अहमदाबाद.
14. महात्मा गांधी : महात्मा गांधी विचार संग्रहल, रिया पब्लिकेशन कोल्हापूर.
15. अनु. यशवंत तेंडुलकर : गांधीजी के जीवन प्रसंग, सस्ता साहित्य मंडळ नई, दिल्ली.
16. प्रा. तिजोरे जागोरा : राज्यशास्त्राचे सिद्धांत व राजकीय विचारवंत, श्री मंगेश प्रकाशन नागपूर.
17. डॉ. भोळे भास्कर लक्ष्मण : भारत भारतीय आणि पाश्चात्य राजकीय विचार ,पिंपळपुरे अँड पब्लिकेशन नागपुर.
18. डॉ. डोळे ना.या. भारतीय राजकीय विचारवंत, विद्या बुक्स पब्लिकेशन औरंगाबाद..

  
Program  
Coordinator  
S.D.M.M.K

  
Head of  
Department  
S.D.M.M.K

  
NAAC Coordinator  
IQAC Cell  
Mahavidyalaya, Pimpri

  
Principal  
Principal  
S.D.M.M.K  
S.D. Dnyanesh Mohekar  
Mahavidyalaya Kallam



Date:- / /2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject:- Permission to start Certificate Course on **Panchayat Raj System**

Respected Sir,

With reference to above cited subject, department of Political Science seek kind approval to start certificate course in **Panchayat Raj System** for B.A. students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

  
Dr. N.G. Sathe

(Head of Department )

Copy to:

1. NAAC Coordinator
2. Academic Council

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad



**Shikshan Maharshi Dnyandeo Mohekar Mahavidyalaya**

**Tal. Kalamb Dist. Osmanabad**

**Department of Political Science**

**(Academic Year: 2017 to 2018 )**

**Name of Course: Certificate course in Panchayat Raj System**

**Course Code: Panchayat Raj System 05**

**Date of Introduction: 01/08/2017 to 30/10/2017**

**Course coordinator: Dr. Namanand G Sathe**

**Duration of Program: 3 Months**

**Intake Capacity: 10**

**Credit: 04 (03 Theory/01 Practical)**

**Eligibility of candidate: XII<sup>th</sup> Pass**

**Objectives: .**

1. This program overview of Overall Panchayat Raj System.
2. To Make student Aware of the Panchayat Raj System as the Basic Core of the indian democracy.
3. To Riview the 73 Amendment to the Constitution of the India and subsequent in poliktikal Participation of women.

4. **Skill development and Outcome:** To develop Political Ledership Qualities in Student.

**Career opportunities and employability:**

Student can learn the panchayat raj system from this course and make their own Political Career. And after learning course ,the Student Also Find this course useful the Various Competitive Examination.

**Course Content/ Syllabus:**

**Name of Course: Certificate course in Panchayat Raj System 4 credits**

**Theory Paper I**

**1) Origin Development and Present Status of Panchayat Raj System 1 credits**

- 1.1. introduction of Panchayat Raj System
- 1.2. Development Panchayat Raj System in India
- 1.3 .Vedic period
- 1.4. Panchayat Raj During British period
- 1.5. Panchayat Raj in Post Independence Period
- 1.6. Panchayat Raj in Maharashtra.

**2) Panchayat Raj System in Rural Area 1 credits**

- 2.1 Introductions of Gramsabha
- 2.2 .Gram Panchayat

2.3 .Panchayat Samiti  
 2.4.Zilla Parishd  
**3) Panchayat Raj System in Urban Area** **1 Credits**  
 3.1.Civilization  
 3.2.Nagarparishad  
 3.3. Mahanagarpalika  
 3.4.Katak mandal

**Practical I**

**1 credits**

**Unit 1 Visit Of Panchayat Raj**

- 1) Visit of Gramsabha
- 2) Visit of Gram Panchayat
- 3) Visit of Panchayat Samiti
- 4) Visit of Zilla parishad
- 5) Visit of Nagar Parishad

**Suggested Readings:**

1. Planning Commission the First Five year Plan ,Government of india ,Publication New Delhi,2001.
2. J.S.Johari ,Indian Government and Politics,Arohi Publication Jaypur,2005.
3. Sponserd by Ministry of Rural Areas And Employment ,Government if india ,Panchayat raj Project, Indira Gandhi Open University ,New delhi,2008.
4. Aletkar A.S. A history of Village Community in western India,Navjivan Publication Ahemdabad,1999.
5. Rawat S.S.Panchayat raj and Rural Devlopment,Kurushetra publication,New Delhi,2006.
6. Chaudhari Dipika Anil, Panchayat Raj System in India Issue and Challenges,Rucha Publication Jaypur,2007.
7. Planturi J,J,Challenges in Panchayat-Raj System ,Shriram Publicatiron Kanpur,2015.
8. Barrow, G. M. Panchayat Raj System in and rural Development,Kalpna Publication Kolkatta,2011.
9. Gade Sanjiv, Panchayat Raj ,Rajat jayanti Samarnika ,Zilla parishad Chandrapur,1999.
10. Pandye Suryanarayan,Vijayshri ki aour Panchayat Raj ,Partiyogita Darpan Prakshan,April,1993.
11. Goel Ravi,Panchayat Raj In India, Chandrama Publicatin Jodhpur,2005.

  
**Course  
 Coordinator**  
 S.D.M.M.K

  
**Head of  
 Department**  
 S.D.M.M.K

  
**NAAC  
 Coordinator**  
 S.M. Dnyandeo Mohekar  
 Mahavidyalaya, Kalamb

  
**Principal  
 Principal**  
 S.M. Dnyandeo Mohekar  
 Kalamb To, Kalamb Dist, Osman

Date: - 27/04/2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **NGO Management and Social Development**

Respected Sir,

With reference to above cited subject, Department of **Sociology** seeks kind approval to start certificate course **NGO Management and Social Development** for B. A. students from academic year 2017-18.

I hope you will grant us permission to start said certificate course

Thanking you

  
Rathod E. L.  
(Head of Department)

Copy to:

1. NAAC Coordinator
2. Academic Council

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq, Kalamb Dist. Osmanabad



**SHIKSHAN MAHARSHI  
DNYANDEO MOHEKAR  
MAHAVIDYALAYA,  
TQ. KALAMB DIST. OSMANABAD  
DEPARTMENT OF SOCIOLOGY  
ACADEMIC YEAR : 2017-18**



<b>Name of Course : NGO Management and Social Development</b>
<b>Course Code: SSEC-101</b>
<b>Date of Introduction: 21/07/2017</b>
<b>Course coordinator: Mr. Rathod E. L.</b>
<b>Duration of Program: 6 Months</b>
<b>Intake Capacity: 20</b>
<b>Credit: 04 (03 Theory/01 Practical)</b>
<b>Eligibility of candidate: XII<sup>th</sup> Pass</b>
<b>Objectives :</b> <ol style="list-style-type: none"><li>1. To understand the project management dimensions, planning and its implementation of projects.</li><li>2. To enhance skills and techniques of project evaluation and resource Mobilization.</li><li>3. To understand the human resource management in NGO's.</li></ol>
<b>Skill development and Outcome :</b> Students should enrich their knowledge about NGO Management. Students enrich their knowledge about Project management dimensions, planning and its implementations. To enrich skills and techniques of project evaluation.
<b>Career opportunities and employability :</b> Career in various social institute working as NGO form in government and non-government sector. Employability as Community Organizer, Awareness Specialist, Counselor in various department, Trainer, Community development Specialist and other so many opportunities in rural and urban areas.
<b>Course Content/ Syllabus:</b> <p><b>Unit I – NGO understands</b></p> <ul style="list-style-type: none"><li>➤ Meaning and types of NGO's</li><li>➤ Functions of NGO's</li><li>➤ Role of NGO's in Community Development</li></ul> <p><b>Unit II – Legal Frame work for establishing NGO's</b></p> <ul style="list-style-type: none"><li>➤ Trust and society registration Acts</li><li>➤ Foreign contributions and Regulation Act</li></ul>

- Methods and techniques of Fund Raising International, National and Local Levels.

### Unit III – Project Management

- Project Dimensions, Identification, Need assessment
- Formulation Project Proposal : Technical Economic and Financial Feasibility
- Project implementation and Management : Project Planning Matrix

### Unit IV – Field Visit of NGO's

- Field Visit for students awareness of NGO's work and Importance of NGO's,
- Organized training programme for student at working NGO's institute
- Course related activities

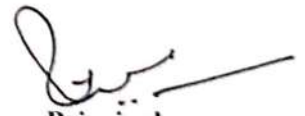
### Suggested Readings :

1. Sahu Saket, Management of NGO's, Print Media Publication, 2007.
2. Jain R. B., NGO's in Development perspective, New Delhi, Vivek Publication, 1995.
3. Behera M. C., Globalizing Rural Development, New Delhi, Sage Publication, 2006.
4. Sakaran and Rodrigues, Handbook for the Management of Voluntary Organization, Madras Alfa Publication, 1983.
5. Joel S. G. R. Bhoose, NGO's and Rural Development Theory and Practice, New Dehi, Concept Publication, 2003.
6. Julie Fisher, Non Governments – NGO's and Political Development of the third World, New Delhi, Rawat Publication, 2003
7. Clark John, Voluntary Organizations : Their Contribution to Development, London, Earth Scan Publication, 1991.
8. टाकसाळे प्राजक्ता, 'समाजकार्यकर्ता', श्री मंगेश प्रकाशन, नागपूर.
9. बनसोड भीमराव, एन. जी. ओ. चा सुळसुळाट, सुगावा प्रकाशन, पुणे.
10. गीता राव, नागमणी राव, सामाजिक कार्यकर्त्यांसाठी कौशल्य प्रशिक्षण मार्गदर्शिका, डायमंड पब्लिकेशन
11. साळीवकर संजय, समाजकार्य पद्धती, क्षेत्र, विचारधारा व समाजसुधार, श्री मंगेश प्रकाशन, नागपूर.
12. जाधव दिनकर, अण्णा हजारे यांचे जीवन आणि कार्य, सम्यक्ता प्रकाशन
13. भावे ह. अ., नेटका प्रपंच व समाजसेवा, वर्धा प्रकाशन

  
Program  
Coordinator  
S.D.M.M.K

  
Head of  
Department  
S.D.M.M.K

  
NAAC Coordinator

  
Principal

IQAC Cell  
Coordinator

S.M.Dnyandeo Mohekar  
Mahavidyalaya, Kalamb

S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq.Kalamb Dist.Osmanabad

Date: -14/06/2017

To,  
The Principal,  
S.M.D.M. Mahavidyalaya,  
Kalamb,  
Dist- Osmanabad.


Subject: - Permission to start Certificate Course in Translation: **Marathi, English, Hindi**

Respected Sir,

With reference to above cited subject, Department of **Marathi, Hindi and English** seeks kind approval to start certificate Course in Translation: **Marathi, English, Hindi**, for all students from academic year 2017-2018.

I hope you will grant us permission to start said certificate course

Thanking you

  
(Head of Department)  
(Dr. K.D. Padhe)

Copy to:

1. NAAC Coordinator
2. Academic Council

  
Principal  
S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad



# Application

Date: - 1/7/2019

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on Bridge course

Respected Sir,

With reference to above cited subject, Department of Botany seeks kind approval to start certificate course in Bridge course for B. Sc. 1<sup>st</sup> students from academic year from 2019 to 2020.

I hope you will grant us permission to start said certificate course

Thanking you!



Convener

Dr. S. B. Bhosale

  
HOD

Mrs. A. R. Mukhedkar



Principal

S.M.Dnyandeo Mohekar Mahavidyalaya,  
Kalamb Tq. Kalamb Dist. Osmanabad

## Application

Date: - 5/7/2016

To,  
The Principal,  
S.M.D.M. Mahavidyalaya, Kalamb,  
Dist- Osmanabad.

Subject: - Permission to start Certificate Course on **Bridge course**

Respected Sir,

With reference to above cited subject, Department of **Botany** seeks kind approval to start certificate course in **Bridge course** for B. Sc. 1<sup>st</sup> students from academic year from 2016 to 2019.

I hope you will grant us permission to start said certificate course

Thanking you!

  
Convener

Dr. S. B. Bhosale

  
HOD

Mrs. A. R. Mukhedkar

## COURSE STRUCTURE

Sr. No	Title of the Course	Hrs	Credits Allotted
1.	Certificate of bridge course	7	02
2	Bridge course Practical	7	02
	<b>TOTAL</b>	<b>14</b>	<b>04</b>

## BRIDGE COURSE SYALLABUS

**Total lecture: 07**

### 1. Plants:

01

a) Plants, its organs and functions.

b) Lower and higher plants.

### 2. Development of plants:

01

a) Cell and tissue system

b) Fertilization in plants.

### 3) Branches of plant science:

01

A brief idea of different branches concerned with study of plants.

### 4) Plants and human welfare:

01

a) Role of plants in Enviornment and human welfare.

b) Utilization of local herbs.

5) **Introduction to bacteria, viruses fungi, viruses.** 01

6) **Innovative ideas:** 01

A brief idea about different activities to be conducted related to the plant sciences such as preparation of wallpaper, project work, Exhibition, group discussion of students to participate in workshop and seminar for students. poster presentation. introduction to instruments.

6) **career opportunities in plant science.** 01

A brief discussion with students on career opportunities in plant science, which is available in different sectors.

  
**PRINCIPAL**  
**S.M Dnyandeo Mohekar**  
**Mahavidyalaya, Kallam**



Shikshan Maharshi Dnyandeo Mohekar  
Mahavidyalaya Kalamb

Tal. Kalamb Dist. Osmanabad

Department of Horticulture

(Academic Year: 2017-18)



**Name of Course:** Value added course on Bonsai Culture and Management

<b>Course Code:</b> HSEC-108
<b>Date of Introduction:</b> 02/02/2018
<b>Course coordinator:</b> Mr. Kawale M.R. and Mr. Chandore H.D.
<b>Duration of Program:</b> 6 Months
<b>Intake Capacity:</b> 20
<b>Credit:</b> 04 (02 Theory/02 Practical)
<b>Eligibility of candidate:</b> XI <sup>th</sup> Pass
<b>Objectives:</b> <ol style="list-style-type: none"><li>1. This program fosters career development in Bonsai Making</li><li>2. This program broadens subject and practical knowledge of Bonsai Making</li><li>3. To get knowledge of various Types of Bonsai and its management</li></ol>
<b>Skill development and Outcome:</b> <ol style="list-style-type: none"><li>1. To get skill of bonsai making its various tools and management strategies</li><li>2. To get practical knowledge of its making and management</li></ol>
<b>Career opportunities and employability:</b> <p>Student can start their self-employment in Bonsai making and its management. It will empower them to start self-employment and stand financially on own feet. Various arts and design are constructed and it will used in Indoor gardening and terrace gardening. It also helps in participating in Bonsai shows and exhibitions.</p>
<b>Course Content/ Syllabus:</b> <p><b>Theory:</b></p> <ol style="list-style-type: none"><li>1. Introduction: History of Bonsai culture and Terrarium, Scope and importance of Bonsai Culture and terrarium, Nomenclature System of Horticulture Crops used in Bonsai. Botanical Classification system.</li><li>2. Propagation of horticulture Crops Especially for Bonsai Culture and terrarium</li><li>3. Selection of Plants for Bonsai culture and terrarium</li><li>4. Types and Classification of the Bonsai- Upright (formal and informal) – Winding – Winding – Oblique – Gnarled – Semi-cascade-cascade – Clapsed to stone etc.</li><li>5. Bonsai System and Techniques</li><li>6. Selection of Container, tools and accessories for Bonsai and Terrarium</li><li>7. Principle of Bonsai Culture and Terrarium culture</li><li>8. Bonsai and terrarium culture soil and climate management</li><li>9. Bonsai and terrarium management practices and Plant care: Media – Potting and Re-potting – Training – Pruning and Pinching (Shoot, leaf and root) – Watering – manuring – Defoliation –</li><li>10. Marketing and exhibition of Bonsai Culture and Terrarium</li></ol> <p><b>Practical:</b></p> <ol style="list-style-type: none"><li>1. Selection of Plants and planting materials for Bonsai and terrarium</li><li>2. Identification of tools and equipments for bonsai and terrarium</li><li>3. Bonsai and Terrarium planting, potting, depotting and repotting</li><li>4. Bonsai management practices and care techniques</li><li>5. Terrarium management practices and care techniques</li><li>6. Bonsai and Terrarium plant protection care and practices</li><li>7. Preparation of various types of bonsai</li></ol>

8. Bonsai and Terrarium exhibition and marketing strategies
9. Visit to bonsai and terrarium nursery


**Suggested Readings:**

1. Dr. N. Mangadevi, Bonsai-Emesco Books publisher
2. Dey.S.C.- Bosnai : An art of miniature plant culture- Ankur publisher
3. Paul Lesniewicz., 1994. Bonsai in your home. Sterling publishing Co, New York
4. मालती नगरकर, विजय नगरकर बोनसाय वागनवृक्षकला, कॉन्टिनेन्टल प्रकाशन
5. डॉ. ए. बी पाटील . बोन्साय

  
Program  
Coordinator

  
Head of  
Department

  
NAAC Coordinator  
Coordinator

  
Principal  
PRINCIPAL

S.D.M.M. DEPARTMENT OF HORTICULTURE  
S. M. D. M. MAHAVIDYALAYA KALAMB

S.M. Dnyandeo Mohekar  
Mahavidyalaya, Kalamb

S.M. Dnyandeo Mohekar  
Mahavidyalaya, Kallam

Mr. Chandore Hemant D.  
Assistant Profeser  
Department of Horticulture  
S.M.D. Mohekar Mahavidyalaya  
Kalamb-418 307 Dist. Jalgaon (M.S.)



Shikshan Maharshi Dnyandeo Mohekar  
Mahavidyalaya Kalamb

Tal. Kalamb Dist. Osmanabad

Department of Horticulture

(Academic Year: 2017-18)



**Name of Course:** Certificate course on Bakery & Ice Cake Production

<b>Course Code:</b> HSEC-110
<b>Date of Introduction:</b> 21/08/2017
<b>Course coordinator:</b> Dr. Chandore H.D. and Mr. Kawale M.R. <b>Guest Lecture:</b> Mrs. Chandore Bhayshri and Sakhalkar Madam
<b>Duration of Program:</b> 3 Months
<b>Intake Capacity:</b> 20
<b>Credit:</b> 02
<b>Eligibility of candidate:</b> XII <sup>th</sup> Pass
<b>Objectives:</b> <ol style="list-style-type: none"><li>1. This program fosters career development in Ice cake and Bakery</li><li>2. This program broadens subject and practical knowledge of Cake making and bakery products</li><li>3. To get knowledge of various cakes and bakery products</li><li>4. Woman's can also make these products easily at home which helpful to strengthen their family relations.</li></ol>
<b>Skill development and Outcome:</b> To get in detail knowledge of Ice Cake Production
<b>Career opportunities and employability:</b> Student can start their self-employment in Bakery and Ice Cake industry etc. with huge local demands. It will empower them to stand financially on own feet. Various government incentives and subsidies also available in under various Skill based schemes.
<b>Course Content/ Syllabus:</b> <b>Practical:</b> <ol style="list-style-type: none"><li>1. Vanilla Ice Cake Preparation</li><li>2. Pineapple Ice Cake Preparation</li><li>3. Mango Ice Cake Preparation</li><li>4. Strawberry Ice Cake Preparation</li><li>5. Doll Ice Cake Preparation</li><li>6. Photo Ice Cake Preparation</li><li>7. Gel Ice Cake Preparation</li><li>8. Mixed Fruit Ice Cake Preparation</li><li>9. Chocolate Ice Cake Preparation</li><li>10. Pinnata Ice Cake Preparation</li></ol>

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Principal  
S.M. Dnyandeo Mohekar

**Mr. Chandore Hemant D.**  
Assistant Profeser  
Department Of Horticulture  
S.M.D. Mohekar Mahavidyalaya  
Kalamb-413 507, Dist. Osmanabad(M.S.)

Mahavidyalaya, Mahavidyalaya, Kallam

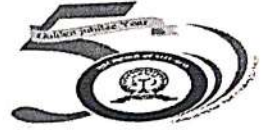


Shikshan Maharshi Dnyandeo Mohekar  
Mahavidyalaya Kalam

Tal. Kalam Dist. Osmanabad

Department of Horticulture

(Academic Year: 2019-20)



**Name of Course:** Diploma course on Bakery & Ice Cake Production

<b>Course Code:</b> HSEC-110
<b>Date of Introduction:</b> 15/12/2019
<b>Course coordinator:</b> Dr. Chandore H.D. and Mr. Kawale M.R. <b>Guest Lecture:</b> Mrs. Chandore Bhayshri and Sakhalakar Madam
<b>Duration of Program:</b> 3 Months
<b>Intake Capacity:</b> 20
<b>Credit:</b> 02
<b>Eligibility of candidate:</b> XII <sup>th</sup> Pass
<b>Objectives:</b> 1. This program fosters career development in Ice cake and Bakery 2. This program broadens subject and practical knowledge of Cake making and bakery products 3. To get knowledge of various cakes and bakery products 4. Woman's can also make these products easily at home which helpful to strengthen their family relations.
<b>Skill development and Outcome:</b> To get in detail knowledge of Ice Cake Production
<b>Career opportunities and employability:</b> Student can start their self-employment in Bakery and Ice Cake industry etc. with huge local demands. It will empower them to stand financially on own feet. Various government incentives and subsidies also available in under various Skill based schemes.
<b>Course Content/ Syllabus:</b> <b>Practical:</b> 1. Vanilla Ice Cake Preparation 2. Pineapple Ice Cake Preparation 3. Mango Ice Cake Preparation 4. Strawberry Ice Cake Preparation 5. Doll Ice Cake Preparation 6. Photo Ice Cake Preparation 7. Gel Ice Cake Preparation 8. Mixed Fruit Ice Cake Preparation 9. Chocolate Ice Cake Preparation 10. Pinnata Ice Cake Preparation

Program  
Coordinator

S.D.M.M.K.

Head of  
Department

DEPARTMENT OF HORTICULTURE  
S.M. D. M. MAHARSHI DNYANDEO MOHEKAR MAHAVIDYALAYA KALAM

NAAC Coordinator

IQAC  
Coordinator

Principal

S.D.M.M.K.

Principal

**Mr. Chandore Hemant D.**  
Assistant Profeser  
Department Of Horticulture  
Mohekar Mahavidyalaya  
Kalam  
413 507 Dist. Osmanabad (M.S.)

S.M. Dnyandeo Mohekar Mahavidyalaya  
Kalam Tq. Kalam Dist. Osmanabad