

ACADEMIC

YEAR

2018 - 2019



**Kharepatan Panchkroshi Shikshan Prasarak Mandal Sanchalit**

# **ARTS & COMMERCE COLLEGE, KHAREPATAN**

Tal. Kankavali, Dist-Sindhudurg, Tel- (02367)242231

(Affiliated to Mumbai University No.ICM/ I/ 558/2012-13)

**O.W.NO.- 26-A/18-19**

**DATE- 03/07/2018**

To,  
The president / Secretary,  
Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**Subject: Proposal for the Introduction of a Short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at Arts and Commerce College, Kharepatan in current academic year 2018 - 2019.**

I hope this letter finds you in good health and high spirits. I am writing to express our strong willingness to introduce a short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at **Arts and Commerce College, Kharepatan** for the current year 2018 - 2019.

This course will provide our students with valuable skills and knowledge, enhancing their educational experience and career prospects.

## **Course Overview**

Sr. No.	Department	Course Title	Duration
1.	Geography	Global Positioning System (GPS)	40 Hrs.
2.	History	Writing for Media	60 Hrs.
3.	Commerce	Life Insurance	45 Hrs.

We believe that this initiative will not only enhance the academic offerings at **Arts and Commerce College, Kharepatan** but also enrich the lives and future prospects of our students. We kindly request your support and endorsement for the implementation of this program.

We are open to further discussions and are prepared to provide any additional information or clarification you may require to evaluate this proposal.

Thank you for considering our proposal. We look forward to your positive response and the opportunity to contribute to the academic excellence of **Arts and Commerce College, Kharepatan**.

Date: **03/07/2018**

Place: Kharepatan



Sincerely,

Dr. Atmaram D. Kamble,  
Principal,

Arts and Commerce College, Kharepatan.

# खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ

## खारेपाटण, ता.कणकवली, जि.सिंधुदुर्ग

स्थापना : १९५३

☎ (02367) 242231  
ईमेल - snmvidyalay@yahoo.co.in

बीपीटी अँक्ट १९५० मुंबई  
रजि.नं.ई.-२७ सिंधुदुर्ग

जावक क्र. : ३२-प्र

दिनांक : ०४/०७/२०१८

To,  
The Principal,  
Arts and Commerce College, Kharepatan.

Ref.: Your letter No. ACCK/IQAC/26-A/18-19, Dated: 03/07/2018

Sub: Approval for the Introduction of Courses at Arts and Commerce College, Kharepatan in current academic year 2018 - 2019.

Respected Sir / Madam,

I am pleased to inform you that the courses in Arts and Commerce College, Kharepatan as per the above mentioned subjects which are to be executed by the concerned departments have been approved by the Governing Body of Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan for the academic year 2018 - 19.

All the Best....!!!

Place: Kharepatan

Date: 04/07/2018



Note:

Approved courses list enclosed in details.

Secretary / President

सेक्रेटरी

खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ  
खारेपाटण, जि. सिंधुदुर्ग

Sr. No.	Department	Course Title	Duration
1.	Geography	Global Positioning System (GPS)	40 Hours
2.	History	Writing for Media	60 Hours
3.	Commerce	Life Insurance	45 Hours

**DURATION**  
8 Weeks

Starting From  
1 December  
to  
28 February

**Eligibility:**  
12th Passed

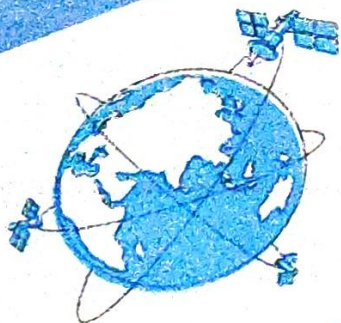
**Intake Capacity:**  
20

**TIME**  
01:00 PM  
to  
2:00 PM.

Four  
times in  
a week

Tuesday  
Wednesday  
Thursday &  
Friday

**Contact**  
Mr. Prakash G. Shinde.  
7517069132  
[ghatuprakash@gmail.com](mailto:ghatuprakash@gmail.com)



University of Mumbai

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan's

## ARTS AND COMMERCE COLLEGE, KHAREPATAN



### DEPARTMENT OF GEOGRAPHY

Short-term  
Certified  
Course in

2018 - 2019

Don't miss out on the  
chance to be a part of  
this enriching  
learning experience!



**GLOBAL  
POSITIONING  
SYSTEM**

## Introduction

What is the Global Positioning System The Global Positioning System was conceived in 1960 under the auspices of the U.S. Air Force, but in 1974 the other branches of the U.S. military joined the effort. The first satellites were launched into space in 1978. The System was declared fully operational in April 1995. The Global Positioning System consists of 24 satellites, that circle the globe once every 12 hours, to provide worldwide position, time and velocity information. GPS makes it possible to precisely identify locations on the earth by measuring distance from the satellites. GPS allows you to record or create locations from places on the earth and help you navigate to and from those places. Originally the System was designed only for military applications and it wasn't until the 1980's that it was made available for civilian use also. The 3 segments of GPS The Space segment: The space segment consists of 24 satellites circling the earth at 12,000 miles in altitude. This high altitude allows the signals to cover a greater area. The satellites are arranged in their orbits so a GPS receiver on earth can always receive a signal from at least four satellites at any given time. Each satellite transmits low radio signals with a unique code on different frequencies, allowing the GPS receiver to identify the signals. The main purpose of these coded signals is to allow for calculating travel time from the satellite to the GPS receiver. The travel time multiplied by the speed of light equals the distance from the satellite to the GPS receiver. Since these are low power signals and won't travel through solid objects, it is important to have a clear view of the sky. The Control segment: The control segment tracks the satellites and then provides them with corrected orbital and time information. The control segment consists of four unmanned control stations and one master control station. The four unmanned stations receive data from the satellites and then send that information to the master control station where it is corrected and sent back to the GPS satellites.

## Course Outcomes

The course outcomes of the different papers offered are presented below.  
After completion of the course the student will be able

- ◆ Know the use of periodic signals and Fourier series to analyze circuits and explain the general linear system theory for continuous-time signals and systems using the Fourier transform. Use the analytical method to find the solution of partial differential equations.
- ◆ Apply numerical methods to solve algebraic and transcendental equations
- ◆ Construct linear programming model to get optimum results in industries. Analyze discrete-time systems using convolution and z-transform.
- ◆ Apply numerical methods to compute a definite integral and find the solution of partial differential equations in the models involving oscillation, waves fluid mechanics, electromagnetism and heat transfer

Intake Capacity : 20

### Time - Table

Tuesday	Wednesday	Thursday	Friday
TIME 01:00 PM to 02:00 PM			

HURRY UP FOR YOUR BRIGHT FUTURE...

University of Mumbai

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan's

## ARTS AND COMMERCE COLLEGE, KHAREPATAN

**Programme: Bachelor of Arts**

**Geography Department**

**2018 - 2019**

### Skill Based Short-term / Add-on Course

Course Information	
Course Title	Global Positioning Systems (GPS)
Class Days / Times:	Four Times in a Week
Eligibility:	12th Passed
Instructor Information	
Name:	Mr. Prakash Ghatu Shinde
Phone No.:	7517069132
E-mail:	<a href="mailto:ghatuprakash@gmail.com">ghatuprakash@gmail.com</a>

### Course Outline:

- 1 The objective of this course is to provide optimal information for land survey using GPS (Global Positioning System).
  - 2 The course begins with an introduction to land surveying leading to GPS as the state-of-the-art for land surveying.
  - 3 Discusses various aspects of GPS systems such as GPS architecture, GPS signals, GPS receivers, GPS software, GPS positioning, and provides guidance on performing GPS observations.
- Provides GPS process fundamentals Information on various process strategies include pre-
- 4 processing and processing steps depending on quality assessment and operational procedures for GPS surveys.
  - 5 The course concludes with a detailed demonstration of GPS surveying and subsequent processing of collected data.



## SYLLABUS

Sr. No.	Modules	No. of Lectures
1	Introduction to GPS Technology	10
2	GPS Positioning and Measurements	10
3	Advanced GPS Concepts	10
4	Practical Applications and Case Studies	10
Total		40

Sr. No.	Modules / Units	No. of Lectures
1	<b>Introduction to GPS Technology</b>	10
	a) Introduction to Navigation Systems Overview of navigation systems Evolution of GPS technology	1-2
	b) Basics of Satellite Navigation Orbital mechanics and satellite constellations Signal transmission and reception	3-4
	c) GPS Segments Space segment, control segment, and user segment Role and functions of each segment	5-6
	d) GPS Signal Structure GPS signal components Frequency bands and modulation	7-8
	e) GPS Accuracy and Error Sources Factors affecting GPS accuracy Common sources of errors and mitigation techniques	9-10
2	<b>GPS Positioning and Measurements</b>	10
	a) GPS Positioning Principles Trilateration and triangulation Calculation of user position	11-12

	b) Differential GPS Introduction to DGPS Real-time and post-processing techniques	13-14
	c) GPS Data Formats NMEA and other data formats Interpretation of GPS data	15-16
	d) GPS Applications in Surveying and Mapping Role of GPS in surveying GIS applications and mapping	17-18
	e) GPS in Geophysics and Earth Sciences Seismic monitoring and plate tectonics GPS applications in environmental monitoring	19-20
3	<b>Advanced GPS Concepts</b>	<b>10</b>
	a) Real-Time Kinematic Principles of RTK GPS Applications in precision positioning	21-22
	b) GPS Augmentation Systems WAAS, EGNOS, and other augmentation systems Enhancing GPS accuracy and reliability	23-24
	c) GPS in Aviation and Marine Navigation GPS applications in aviation GPS for marine navigation	25-26
	d) GPS and Internet of Things (IoT) Integration of GPS with IoT Location-based services and applications	27-28
	e) Emerging Trends in GPS Technology Quantum-assisted GPS Future developments and challenges	29-30
4	<b>Practical Applications and Case Studies</b>	<b>10</b>
	a) GPS in Agriculture Precision agriculture and farm management	31-32

Monitoring crop health using GPS	
b) GPS in Disaster Management	33-34
Role of GPS in disaster response	
Case studies of GPS applications in emergencies	
c) Ethical and Legal Considerations in GPS Use	35-36
Privacy concerns	
Regulations and guidelines for GPS use	
d) Hands-on Practical Sessions	37-38
Use of GPS devices and software	
Field exercises and data collection	
e) Course Review and Certification	39-40
Recap of key concepts	
Final assessment and certification process	

### Question Paper Pattern

Skill Based Short-term / Add-on Course : Global Positioning Systems (GPS)

W. E. F. : 2018 - 2019

**Maximum Marks: 100**

**Duration: 120 Minutes**

**Questions to be set:**

a) 50 Questions for Theory ((To be asked 06 / To be answered 04))

b) 06 Questions for Theory (To be asked 06 / To be answered 04)

Sr. No.	Particular	Marks	
1	40 MCQ (Multiple choice / True or False / Match the columns / Fill in the Blanks) (To be asked 06 / To be answered 04)	80	100
2	Short Notes (To be asked 06 / To be answered 04)	20	

**This syllabus is subject to change at the instructor's discretion.**



*[Signature]*  
Principal  
Arts and Commerce College, Kharepatan  
A /p. Kharepatan, Tal. Kankavali,  
Dist. Sindhudurg



*Kharepatan Panchkroshi Shikshan Prasarak Mandal's Kharepatan*

**ARTS AND COMMERCE COLLEGE**

**KHAREPATAN**

**DEPARTMENT OF**

**HISTORY**

**WRITING FOR MEDIA**

**2018-2019**

## **INTRODUCTION OF COURSE**

This course is designed to introduce students to technical methods of creative media writing which is a very valuable aspect of media studies. In this course the students will learn the vocabulary, characteristics, style and methods of writing in different genres like television, radio, blogs, social media and several mass platforms.

The course is designed to equip the students with fundamentals of technical writings and will also help to improve the skills of the language used in media. The course will give an open door career opportunity for the students of various fields in digital media.

## **OUTCOMES OF COURSE**

- 1) Students will be able to explain the role of a New Media Journalist.
- 2) Students will be able to define important terms of Digital world.
- 3) Students will be able to analyze the issue of Media regulation in India.
- 4) Students can easily recognize the impact of Mass Media on Culture and Society.

**Duration: -60 hours-**

**Starting from :- 01/10/2018 to 01/01/2019**

**Daily Timing:- 12.30p.m.To 1.30p.m.**

**Eligibility Criteria:-** The course is meant for the undergraduates History and Media and Communication and Sociology as well as other Faculty Students who is in the second year of the degree course will be preferred.

**Contact of course coordinator:-**

**Name:- Prof.DR.VANDANA RAJESH SHINDE**

**MobileNo.:-9850574176**

**Email ID:- [drvandanashinde8@gmail.com](mailto:drvandanashinde8@gmail.com)**

# Syllabus

## "WRITING FOR MEDIA"

(60 Lectures)

Unit	Topic	No. of Lectures
Unit 1	<b><u>Topic No 1. Introduction to media industry</u></b> * Definition of Media * A brief Introduction to media * Features of media industry * Introduction to Indian Cinema	10 L
Unit 2	<b><u>Topic No 2. What is new media</u></b> * Meaning of New Media * Introduction of New Media * Introduction of electronic media (Radio & Television) * Writing for Radio (scripting, editing, language)	10L
Unit 3	<b><u>Topic No 3. New media Journalism</u></b> * Introduction of New Media Journalism * News (definition, concept, elements, sources * Importance of Journalism * Values of Journalism	10 L

Unit 4	<p><b><u>Topic No 4. Writing for web- column writing, beyond news writing (sports, entertainment etc)</u></b></p> <ul style="list-style-type: none"> <li>*Introduction to column writing</li> <li>* Introduction to beyond news writing</li> <li>* Editing (meaning, purpose, symbols, tools, lead, body etc.</li> <li>* Geographical Approach</li> <li>* Columns Features (sports, entertainment etc)</li> </ul>	10 L
Unit 5	<p><b><u>Topic No 5. Blogging, blogging tools</u></b></p> <ul style="list-style-type: none"> <li>* Introduction to blogging tools</li> <li>* writing tools for blogging</li> <li>Social media tools for bloggers</li> <li>*Content tools for bloggers</li> </ul>	10L
Unit 6	<p><b><u>Topic No 6. Writing for Social Media-(facebook, twitter, instagram etc.)</u></b></p> <ul style="list-style-type: none"> <li>* Introduction Writing for Social Media</li> <li>* write to the Reader</li> <li>* Social Media writing tips</li> <li>*Speak the language of social Media</li> </ul>	10L

*Kharepatan Panchkroshi Shikshan Prasarak Mandal's*  
**ARTS AND COMMERCE COLLEGE,**  
**KHAREPATAN**

**Short Term Course**  
**In**

**LIFE INSURANCE**

**ORGANIZING DEPARTMENT -**

**COMMERCE**

**Course Co-ordinator**

**Prof. Munshi M.A. (M.Com. B.ED)**

**2018-2019**



# SYLLABUS





## **1- Insurance**

- Objectives
- Introduction
- Definition:
- Contractual Definition
- Characteristics of Insurance

1. Insurance is a Contract
2. Means of Mutual help/ Cooperative device
3. Large number of Insured Person –
4. Uncertainty of events:
5. Protection of Financial Risk :
6. Based on certain principles and regulated by law –
7. Sharing and transfer of risk :
8. Valuation of Risk :
9. Payment of claim at contingency:
10. Insurance is not Gambling or Wagering :
11. Insurance is not a charity but business :

### **➤ Need of Insurance**

1. Provide Economic Protection :
2. Investment:
3. Tax Benefit :
4. Business Needs:
5. Cover against uncertainty :
6. Provision against unexpected death :
7. To generate financial resources :

- 
- 
8. To enhance labour welfare :
  9. Medical Support :
  10. Helpful to business organization:
  11. Useful to partnership firm :
  12. Encourages Savings:

## ➤ The Economic and Commercial Significance of Insurance

### A) Economic Significance of Insurance

1. Encouragement to saving:
2. Generation of Employment :
3. Infrastructure development:
4. Promotes economic development :
5. Facilitates agriculture and rural development:
6. Increase in foreign exchange reserves:
7. Facilitates the development of capital market:

### B) Commercial Significance of Insurance:

1. Business continuity :
2. Development of Trade and Industry:
3. Encourages development of aids to trade/ service sector:
4. Promote foreign Trade:
5. Promotes foreign trade:
6. Insurance of Key men/ Key Personnel:
7. Employee welfare and protection of interest:
8. Helps to increase business efficiency:
9. Provision of Statutory liabilities:
10. Reduction of loss Probability:
11. Increase in the value of assets:
12. Loss prevention measures:

## 2- Life Insurance

- Objectives
- Introduction:
- Subject Matter
- Meaning and Nature Life Insurance
- Definitions
- Nature of Life Insurance

1. Life Insurance is a Contract
2. Cooperative device
3. Large number of Person –
4. Sharing of risk :
5. Uncertainty:
6. Payment of claim:
7. Insurable interest –
8. Life insurance is not an Indemnity contract-
9. Protection to family :
10. Life Insurance is not a charity but business :
11. Investment of Saving –

### ➤ Life Insurance Products:

1. Whole Life Policies
2. Whole Life Plan
  - Benefits Whole Life Policy
  - Features of Whole Life Policy
  - Advantages of Whole Life Policy
  - Disadvantages of Whole Life Policy
3. Endowment Policies
  - Benefits of Endowment Policies
  - Features of Endowment Policy





- Advantages of Endowment Policy
- Disadvantages of Endowment Policy

#### 4. Term Insurance Plans:

- Benefits of Term Insurance Plan
- Features of Term Insurance Plan
- Advantages of Term Insurance Plan
- Disadvantages of Term Insurance Plan

#### 5. Pension and Annuity Plans:

- Definitions:
- Types of Annuity: (Fixed annuities: Variable annuity: Indexed annuities)
- Features of Annuity:
- Advantages:
- Disadvantages:

#### 6. Unit linked Insurance Plans (ULIPs)

- Definition of ULIPs:
- Features of ULIPs: (Hybrid product: Flexibility: Deductions: Transparency

Liquidity: Lock-in-period: Fund allocation)

- Merits of ULIPs: (Multiple benefits: Saving habit: Spread the investment risk: Flexibility: Partially withdraw facility: Income tax deduction: Market linked returns: Mortality cover: Best for long term investment)
- Demerits of ULIPs: (Less Insurance Cover: Expensive : Less Return :Not beneficial for short term: Risky Investment: Loan facility: Complicated plan)

### ➤ Key words

1. Life Insurance:
2. Whole Life Policy:
3. Endowment Policy:
4. Bonus:

5. Insurable interest –

6. Charity-

7. ULIP –



### 3 -Life Insurance Policy

- Objectives
- Introduction
- The features or characteristics of the Life Insurance Policy
- Importance of Life Insurance policy

#### A) From the Individual Person's Point of View

- i. Family Protection
- ii. Old Age Relief
- iii. Compulsory Savings
- iv. Provision to meet children's needs
- v. Provision for special needs
- vi. Tax Relief
- vii. Protection against creditors
- viii. Nomination facility
- ix. Provision of repaying debts

#### B) From the Business Point of View

- i. Business Continuation
- ii. Insurance of key man
- iii. Employee Welfare Plans
- iv. The Enhancement in Credit Worthiness
- v. Facilitates Economic Growth
- vi. Social Security

## ➤ Procedure of taking Life Insurance Policy

1. Selection of insurance company
2. Filling in a proposal form
3. Proof of Age
4. Medical Examination
5. Confidential Report of Agent
6. Scrutiny of the Proposal
7. Proposal sanction, Registration and Acceptance letter
8. Payment of Premium
9. Issue of Policy

## ➤ Terms, Conditions and Privileges of Life Insurance Policy

- 1) Conditions / Terms explaining the nature of insurance contract and its legal consequences
- 2) Terms / Conditions Limitating of scope of insurance. (Restrictive Conditions)
- 3) Conditions and Privileges adding to the benefits of insurance
- 4) Conditions / Terms providing extended benefits or supplementary benefits
- 5) Conditions/Terms explaining the nature of Insurance contract and its legal consequences
  - Payment of Premium
  - Commencement of the Risk
  - Forfeiture in certain events
  - Proof of Age
  - Nomination
  - Assignment of Policy
  - The Incontestable Clause

## ➤ Settlement of Claims

## ➤ Procedure of Settlement of Life Insurance Claim





I. Maturity Claim:

1. Intimation of Maturity by LIC:
2. Submission of Original Policy and Discharge Forms:
3. Payment:

II. Death Claim or Pre-mature Claim:

1. Intimation of death:
2. Proof of death:
  - Claimant's Statement:
  - Medical Attendant's Certificate:
  - Certificate of Burial or Cremation:
  - Certificate of Identity:
  - Certificate by Employer:
3. Agent's Confidential Report:
4. Proof of Age:
5. Proof of Title:
6. Discharge Form:
7. Payment:

➤ Key words

1. Life Insurance:
2. Maturity Claim:
3. Death Claim:
4. Surrender Value:
5. Paid-up Value:
6. Nomination:
7. Assignment:
8. Rider:
9. Anti-Dating:
10. Loyalty Addition:
11. Bonus:

  
Principal

Arts and Commerce College, Kharepatan,  
A/p. Kharepatan, Tal. Kankavali,  
Dist. Sindhudurg.

# ACADEMIC YEAR

2019 – 2020



**Kharepatan Panchkroshi Shikshan Prasarak Mandal Sanchalit**

# **ARTS & COMMERCE COLLEGE, KHAREPATAN**

Tal. Kankavali, Dist-Sindhudurg, Tel- (02367)242231

(Affiliated to Mumbai University No.ICM/ I/ 558/2012-13)

**O.W.NO.- 16-A/2019-20**

**DATE- 03/07/2019**

To,

The president / Secretary,

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**Subject: Proposal for the Introduction of a Short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at Arts, Commerce and Science College, Kharepatan in current academic year 2019 - 2020.**

I hope this letter finds you in good health and high spirits. I am writing to express our strong willingness to introduce a short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at **Arts, Commerce and Science College, Kharepatan** for the current year **2019 - 2020**.

This course will provide our students with valuable skills and knowledge, enhancing their educational experience and career prospects.

## **Course Overview**

<b>Sr. No.</b>	<b>Department</b>	<b>Course Title</b>	<b>Duration</b>
1.	Hindi	Media & Journalism	30 Hrs.
2.	History	Writing for Media	60 Hrs.
3.	Commerce	Life Insurance	45 Hrs.
4.	Botany	Blossom Craft: The Art of Floral Arrangement	30 Hrs.
5.	Mathematics	Vedic Mathematics	30 Hrs.
6.	Chemistry	Industrial Chemistry	40 Hrs.

We believe that this initiative will not only enhance the academic offerings at **Arts, Commerce and Science College, Kharepatan** but also enrich the lives and future prospects of our students. We kindly request your support and endorsement for the implementation of this program.

We are open to further discussions and are prepared to provide any additional information or clarification you may require to evaluate this proposal.

Thank you for considering our proposal. We look forward to your positive response and the opportunity to contribute to the academic excellence of **Arts, Commerce and Science College, Kharepatan**.

Date: **03/07/2019**

Place: Kharepatan



Sincerely,

A handwritten signature in black ink, appearing to read "Dr. Atmaram D. Kamble".

Dr. Atmaram D. Kamble,

Principal,

Arts, Commerce and Science College, Kharepatan.

# खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ

## खारेपाटण, ता.कणकवली, जि.सिंधुदुर्ग

स्थापना : १९५३

☎ (02367) 242231  
ईमेल-snmvidyalay@yahoo.co.in

बीपीटी अॅक्ट १९५० मुंबई  
रजि.नं.ई.-२७ सिंधुदुर्ग

जावक क्र. : 102 A/19-20

दिनांक : 04/07/2019

To,  
The Principal,  
Arts, Commerce and Science College, Kharepatan.

Ref.: Your letter No. ACCK/IQAC/16-A/19-20, Dated: 03/07/2019

Sub: **Approval** for the Introduction of Courses at Arts and Commerce  
College, Kharepatan in current academic year 2019 - 2020.

Respected Sir / Madam,

I am pleased to inform you that the courses in Arts and Commerce College, Kharepatan as per the above mentioned subjects which are to be executed by the concerned departments have been approved by the Governing Body of Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan for the academic year 2019 - 20.

All the Best....!!!

Place: Kharepatan

Date: 04/07/2019



Note:

Approved courses list enclosed in details.

Secretary / President

सेक्रेटरी

खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ  
खारेपाटण, जि. सिंधुदुर्ग

Sr. No.	Department	Course Title	Duration
1.	Hindi	Media & Journalism	30 Hours
2.	History	Writing for Media	60 Hours
3.	Commerce	Life Insurance	45 Hours
4.	Botany	Blossom Craft: The Art of Floral Arrangement	30 Hours
5.	Mathematics	Vedic Mathematics	30 Hours
6.	Chemistry	Industrial Chemistry	40 Hours

**Duration**  
35 Hrs. (35 Day)

**Starting From**  
11 November 2019 to 16 December 2019

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday-Saturday**  
11:30 a.m. to 12:30 p.m.

**Eligibility Criteria**

Any student who has interest in Media And Journalism

**Contact**

Asst. Prof. Vhankali Gajanan Prakash  
Mob No. 7507444749  
E-mail ID: vhankaligp@gmail.com



Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**ARTS, COMMERCE AND SCIENCE  
COLLEGE, KHAREPATAN**

**DEPARTMENT OF HINDI**

**2019-20**

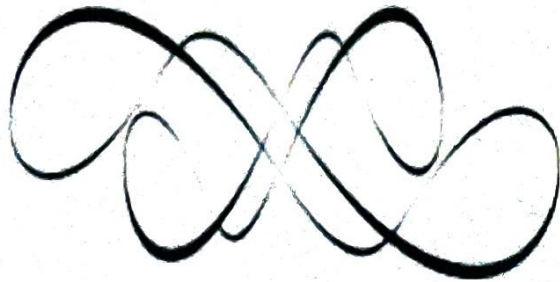


**MEDIA AND  
JOURNALISM**

## Introduction

A person with knowledge and skills in broadcast resources accesses a wide range of challenging and rewarding professional careers in media, reporting, education and research. There are many techniques in mass media that a professional can use in the career process. In the mass media, we are given or getting career opportunities in various fields such as newspaper, radio, film, television, translation writing, interview, advertisement, documentary, short film, feature writing, graphic writing etc.

Mass media dissemination is an easy and fast method. And all this is made possible by technology thanks to the spread of resources. And you should learn to be more successful, using this dissemination resource.



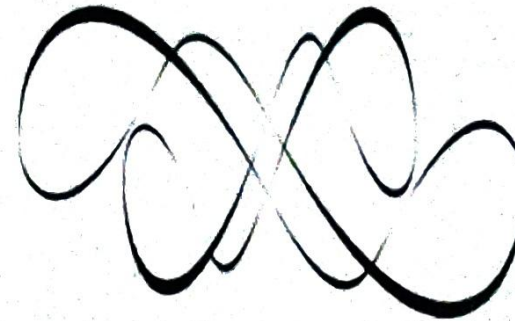
## Outcomes

Learn to be more successful, so use the dissemination resources.

Try to use a variety of innovative techniques at ease Learn to select techniques and materials.

Improve your personal value as more of a promoter by using existing technology.

Improve your career and business prospects - either for self-employment or working for someone else.



# ARTS, COMMERCE & SCIENCE COLLEGE , KHAREPATAN

A/P-Kharepatan ,Tal-Kankavli ,Dist -Sindhudurg

Department Of Hindi

## हिंदी प्रमाणपत्र कोर्स पाठ्यक्रम

CERTIFICATE COURSE IN HINDI "MEDIA AND JOURNALISM "

शिक्षा वर्ष - 2019-20

व्याख्यान -30

कोर्स का नाम - "पत्रकारिता में मिडिया"  
कोर्स कोड - UAHIN-603

उद्दिष्ट :-

१. रेडीओ, दूरदर्शन और सिनेमा के क्षेत्र में रोजगार की जाणकारी देना।
२. पत्रकारिता के क्षेत्र के लिये तैयार करना।
३. विज्ञापन के क्षेत्र को समझना।
४. विज्ञापन कला को अवगत करना।
५. विविध भाषाओं में अनुवादक के रूप में करिअर।

पाठ्यक्रम :-

कुल व्याख्यान

● जनसंचार माध्यम : अवधारणा एवं स्वरूप

कुल व्याख्यान ०८

जनसंचार के तत्व

जनसंचार की प्रक्रिया और महत्व

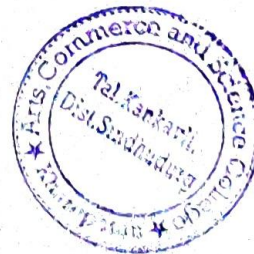
सूचना एवं जनसंचार की विकास यात्रा

२. संचार माध्यमों का विकास एवं उपयोगिता

कुल व्याख्यान ०८

प्रिंट मिडिया (समाचार पत्र)

रेडिओ



दूरदर्शन

सिनेमा

३. विज्ञापन : परिभाषा एवं स्वरूप

कुल व्याख्यान ०८

मुद्रित विज्ञापन

रेडिओ विज्ञापन

दूरदर्शन विज्ञापन

वेब मिडिया और विज्ञापन

४. डिजिटल मिडिया इतिहास , वर्तमान स्वरूप और चुनौतिया

कुल व्याख्यान ०६



Head.

Department of Hindi  
Arts, Commerce and Science College, Kharepatan

PRINCIPAL

Arts, Commerce & Science College, Kharepatan,  
Alp, Kharepatan, Tal. Kankavli, Dist. Sindhudurg



*Kharepatan Panchkroshi Shikshan Prasarak Mandal's Kharepatan*

**ARTS, COMMERCE AND SCIENCE COLLEGE  
KHAREPATAN**

***DEPARTMENT OF HISTORY***

***WRITING FOR MEDIA***

**2019-2020**

## **INTRODUCTION OF COURSE**

This course is designed to introduce students to technical methods of creative media writing which is very valuable aspect of media studies. In this course the students will learn the vocabulary, characteristics, style and methods of writing in different genres like television, radio, blogs, social media and several mass platforms.

The course is designed to equip the students with fundamentals of technical writings and will also help to improve the skills of the language used in media. The course will give an open door career opportunity for the students of various fields in digital media.

## **OUTCOMES OF COURSE**

- 1) Students will be able to explain the role of a New Media Journalist.
- 2) Students will be able to define important terms of Digital world.
- 3) Students will be able to analyze the issue of Media regulation in India.
- 4) Students can easily recognize the impact of Mass Media on Culture and Society.

**Duration:- 60 hours.**

**Starting from:-20/10/2019 To 20/01/2020**

**Daily Timing:-12.30p.m.To 1.30p.m.**

**Eligibility Criteria:-** The course is meant for the undergraduates History and Media and Communication and Sociology as well as other Faculty Students who is in the second year of the degree course will be preferred.

**Contact of course coordinator:**

**Name :- Prof. Dr. VANDANA RAJESH SHINDE**

**Mobile No:-9850574176**

**Email ID:- [drvandanashinde8@gmail.com](mailto:drvandanashinde8@gmail.com)**

# Syllabus

## “WRITING FOR MEDIA”

(60 Lectures)

Unit	Topic	No. of Lectures
Unit 1	<b><u>Topic No 1. Introduction to media industry</u></b> <ul style="list-style-type: none"><li>* Definition of Media</li><li>* A brief Introduction to media</li><li>* Features of media industry</li><li>* Introduction to Indian Cinema</li></ul>	10 L
Unit 2	<b><u>Topic No 2. What is new media</u></b> <ul style="list-style-type: none"><li>* Meaning of New Media</li><li>* Introduction of New Media</li><li>* Introduction of electronic media (Radio &amp; Television)</li><li>* Writing for Radio (scripting, editing, language)</li></ul>	10L
Unit 3	<b><u>Topic No 3. New media Journalism</u></b> <ul style="list-style-type: none"><li>* Introduction of New Media Journalism</li><li>* News (definition, concept, elements, sources)</li><li>* Importance of Journalism</li><li>* Values of Journalism</li></ul>	10 L

Unit 4	<p><b><u>Topic No 4. Writing for web- column writing, beyond news writing (sports, entertainment etc)</u></b></p> <ul style="list-style-type: none"> <li>*Introduction to column writing</li> <li>* Introduction to beyond news writing</li> <li>* Editing (meaning, purpose, symbols, tools, lead, body etc.</li> <li>* Geographical Approach</li> <li>* Columns Features (sports, entertainment etc)</li> </ul>	10 L
Unit 5	<p><b><u>Topic No 5. Blogging, blogging tools</u></b></p> <ul style="list-style-type: none"> <li>* Introduction to blogging tools</li> <li>* writing tools for blogging</li> <li>Social media tools for bloggers</li> <li>*Content tools for bloggers</li> </ul>	10L
Unit 6	<p><b><u>Topic No 6. Writing for Social Media-(facebook, twitter, instagram etc.)</u></b></p> <ul style="list-style-type: none"> <li>* Introduction Writing for Social Media</li> <li>* write to the Reader</li> <li>* Social Media writing tips</li> <li>*Speak the language of social Media</li> </ul>	10L

*Kharepatan Panchkroshi Shikshan Prasarak Mandal's*

**ARTS, COMMERCE AND SCIENCE  
COLLEGE, KHAREPATAN**

**Short Term Course  
In**

**LIFE INSURANCE**

**ORGANIZING DEPARTMENT -**

**COMMERCE**

**Course Co-ordinator**

**Prof. Munshi M.A. (M.Com. B.ED)**

**2019-2020**

**Duration**  
30 Hrs. (2 Months)

**Starting From**  
3 December 2019 to 5 February 2020

**Timing**  
**Tuesday-Wednesday-Friday-Saturday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**

The course is meant for all faculty students who want to learn the art of floral arrangement.



**Contact**  
Asst. Prof. Pratik Dilip Natekar.  
Mob. No. 7522970573  
E-mail ID: natekarpratik07@gmail.com

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**ARTS, COMMERCE AND SCIENCE  
COLLEGE, KHAREPATAN**

**DEPARTMENT OF BOTANY**

2019-20



***Blossom Craft***

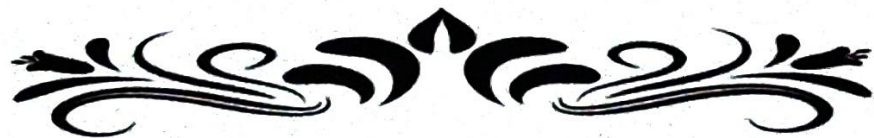
**The Art of Floral Arrangement**



## What is Floral Arrangement?

This short-term course is designed for beginners and enthusiasts who wish to learn the fundamentals of floral arrangement. Throughout the program, you will delve into the world of flowers, exploring the principles and techniques that underpin the creation of stunning bouquets, centerpieces, and decorative floral designs. Our experienced instructors will guide you through a hands-on learning experience, helping you develop your creativity and eye for design.

By the end of "**Blossom Craft: The Art of Floral Arrangement**," you'll have the skills and confidence to create stunning floral arrangements for personal enjoyment, special occasions, or even as a potential career path. Unleash your creativity and join us on this fragrant and colorful journey into the world of floral design.



## Outcomes

### **Gain Experience**

You'll have the opportunity to create your floral arrangements during the course, honing your skills in real-world scenarios.

### **Community and Networking**

Connect with fellow flower enthusiasts and expand your network within the floral design community.

### **Creative Outlet**

Floral design offers a creative outlet for self-expression and stress relief.

### **Marketable Skill**

Learn a skill that can lead to opportunities in event planning, floristry, or simply enhance your personal life.



# Syllabus

Sr. No.	Unit	No. of Lectures
1	<b>Unit I: Introduction to Flower Arrangement:</b> <ul style="list-style-type: none"> <li>• Course orientation, introduction to the art of flower arrangement and its importance.</li> <li>• Basic principles of flower arrangement. (Balance, harmony, contrast, rhythm, etc.)</li> <li>• Flower selection, purchasing and handling.</li> <li>• Tools and equipment for the flower arranging.</li> <li>• Creating basic arrangements: Bouquets and hand –tied posies.</li> </ul>	10 L
2	<b>Unit II: Intermediate Flower Arrangement:</b> <ul style="list-style-type: none"> <li>• Centerpiece arrangements.</li> <li>• Vase arrangements and container selection.</li> <li>• Understanding color theory and its application in flower arrangements.</li> <li>• Creating themed and seasonal arrangements.</li> <li>• Maintenance and care of floral arrangements.</li> </ul>	10 L
3	<b>Unit III: Advanced Flower Arrangement:</b> <ul style="list-style-type: none"> <li>• Japanese Ikebana and other cultural influences in flower arrangement.</li> <li>• Contemporary and abstract arrangements.</li> <li>• Wedding and event floral designs.</li> <li>• Dried and preserved flower arrangements.</li> <li>• Final project: Creating a unique, personalized arrangement.</li> </ul>	10 L



  
**PRINCIPAL**  
 Arts, Commerce & Science College, Kharepatan,  
 Tal. Kankavli, Dist. Sindhudurg.

**DURATION**

30 Hrs.(2 Months)

**STARTING FROM**

01 January 2020 to-5 March 2020

**TIMING**

Monday – Wednesday – Friday – Saturday

2:30 p.m. to 3:15 p.m.

**ELIGIBILITY CRITERIYA**

The course is mean for all faculty students who want to learn the "VEDIC MATHEMATICS"

University of Mumbai

**ARTS ,COMMERCE AND SCIENCE COLLEGE  
KHAREPATAN**

**DEPARMENT OF MATHEMATICS**

Is organizing an

**TWO- MONTH**

**CERTIFICATE COURSE**

**VEDIC MATHEMATICS**

2019-20



**TRAINER  
VHANKALI M.P.  
7507444749**

## ABOUT THE PROGRAMME:

Vedic mathematics is an ancient technique consisting of sixteen sutras and sixteen sub-sutras. It simplifies not only the fundamental arithmetic operations, such as multiplication and division, but also more advanced concepts such as simultaneous equations, quadratic equations, the factorization of cubic equations, and so on.

Vedic mathematical technique is rapidly emerging as a tool for students appearing in various competitive examinations, where speed and accuracy play a vital role.

This program is designed to introduce with the concepts of Vedic Mathematics which will help them to do complex calculations within the time of few seconds.

## BENEFITS OF THE COURSE

- ❖ **100 %** Faster than normal math
- ❖ **A Powerful** Answer checking tool
- ❖ **Increase** speed and accuracy
- ❖ **Improve** Academic performance and instant results
- ❖ **Save** Precious time in examination
- ❖ **Become** A human calculator

**MODE OF CONTENT DELIVERY:**

**MARATHI & ENGLISH**

UNIVERSITY OF MUMBAI

KHAREPATAN PANCHKROSHI SHIKSHAN PRASARAK MANDAL, KHAREPATAN'S

# ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN

Department Of Mathematics

## Syllabus for 'VEDIC MATHEMATICS' course

2019-20

(Theory: 30 Lectures)

SR.NO	Topic	No. of Lectures
1	UNIT I <ul style="list-style-type: none"><li>History and evolution of Vedic Mathematics</li><li>Introduction of Basic Vedic mathematics</li><li>Addition</li><li>Subtraction</li><li>Multiplication</li></ul>	10
2	UNIT II <ul style="list-style-type: none"><li>General Division</li><li>Tables making</li><li>Squares , Cube and Cube root</li><li>Factorization (Simple &amp; Harder quadratic )</li></ul>	10
3	UNIT III <ul style="list-style-type: none"><li>Highest Common factor</li><li>Complex Margers Highest Common factor</li><li>Quadratic Equations</li><li>Highest Common factor</li></ul>	10



  
PRINCIPAL

Arts, Commerce & Science College, Kharepatan,  
A/p. Kharepatan, Tal. Kankavli, Dist. Sindhudurg.

**Duration**  
40 Hrs. (2 Months)

**Starting From**  
1 December 2019 to 3 February 2020

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**  
Any student who has interest in Analysis

**Contact**  
Asst. Prof. Indap S.R.  
Mob No. 9922575714  
E-mail ID: [sagarindap210995@gmail.com](mailto:sagarindap210995@gmail.com)



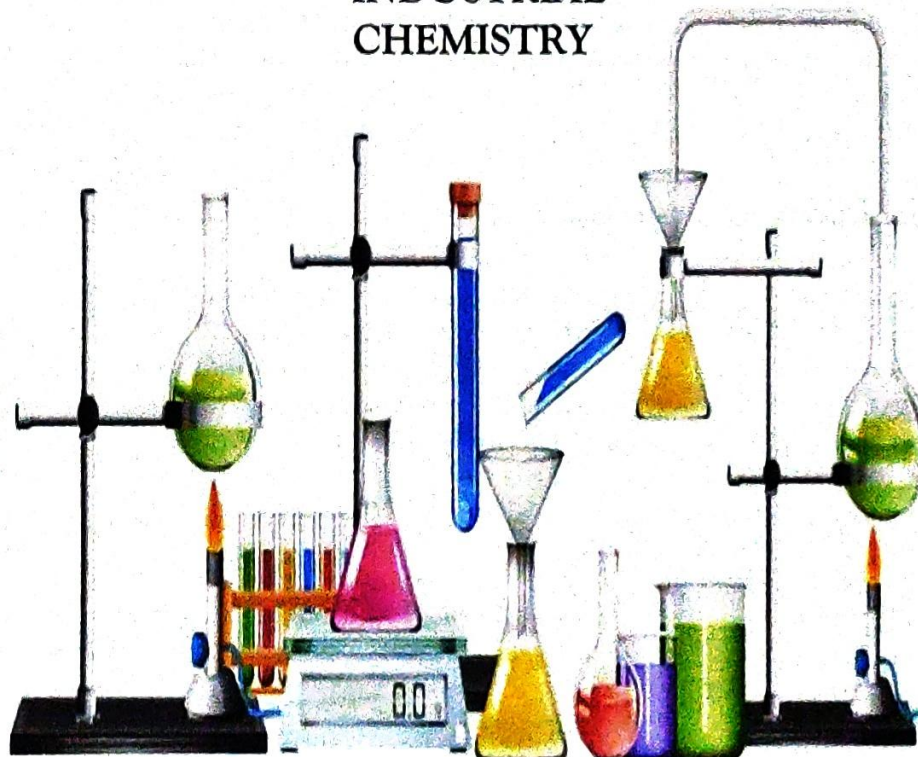
Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

## **ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN**

**DEPARTMENT OF CHEMISTRY**

**2019-20**

**INDUSTRIAL  
CHEMISTRY**



## Introduction

Chemical manufacture is very important to modern day life. Manufactured chemicals will be present in almost every product that you will use today: from your toothpaste to your nylon jacket, your ballpoint pen to your mobile phone; manufactured chemicals have truly infiltrated our lives. This article is all about the Chemical Industry: a term used to describe the companies who manufacture and process the chemicals that constitute the products that we use.

### What is the Chemical Industry?

Companies within the Chemical Industry convert raw materials such as oil, metals and minerals into products. Chemicals have been used and processed throughout history but large scale manufacture of chemicals only began in earnest during the industrial revolution. Many professionals are employed by the Chemical Industry including, but not limited to, chemical engineers, chemists and lab technicians.

### What does the Chemical Industry make?

There are three main type of chemical that can be manufactured in industry: fine, bulk and speciality chemicals. **Bulk chemicals** are those which are manufactured on a very large scale. **Commodity chemicals** are a type of bulk chemical that are manufactured in order to meet the needs of global markets. The bulk chemicals industries manufacture many chemicals and products including polymers, petrochemicals and fertilizers.



## Outcomes

- Have basic knowledge of fission and fusion.
- Understand the electrophilic and nucleophilic reactions.
- Understand the addition, substitution, replacement and rearrangement reactions.
- Knowledge of important reagents used in chemical industries.
- Understand the reaction mechanism of various name reactions.
- Commercial manufacturing process technology of various chemicals and solvents.





## Paper I : Chemical Industry & Unit Operation :

UNIT	TOPIC	No. Of Lectures
UNIT I	<b>1.0 Chemical Industry in India</b>	15L
	1.1 Introduction , Historical background, Classification of Industries	5L
	1.2 <b>Energy Sources</b> :Non renewable sources : Coal, Petroleum Renewable sources : Cellulose , starch , alcohol & alcohol products	10L
UNIT II	<b>Utilities in Chemical Industry</b>	30 L
	<b>Water</b> : Types of Natural Water , Sources of water Importance of Parameters measuring the Quality of water	
	<b>Steam</b> : Defination , Types of steam, Applications for steam in industry	
	<b>Fuel</b> : Use of Fuel in industry	
	<b>Air</b> : Gaseous and particulate emission from major chemical industries and their control.	
	<b>Boiler</b> : Defination , Classification of Boilers	
UNIT III	<b>a ) Unit Operation</b>	24 L



	<b>Extraction</b> :Introduction , Types of extraction :Partition , Leaching Soxhlet Extraction Equipment : Infusion , Decoction , Maceration, Percolation Digestion	
	<b>Distillation</b> : Introduction Types of Distillation : Steam Distillation, Extractive Distillation , Azotropic Distillation , Vacuum Distillation	
	<b>Crystallisation</b> : Introduction, Tank Crystallisers, agitated crystallisers. Importance of Crystallization	
	<b>b ) Stoichiometry :</b>	6 L
	Balanced chemical reaction, calculation based on chemical equation Concept of Molarity , Normality , Mole fraction , Molality , ppm	

## Practicals

### pH metry :

- 1 ) Preparation of Buffer and their pH measurements
- 2 ) Standardization of pH meter and determination of pH of various samples.
- 3 ) Determination of acetic acid in Vinegar sample.

### Conductometry :

- 4) Investigate conductometric titration of strong acid and strong base.
- 5) Estimate % composition of HCl and  $\text{CH}_3\text{COOH}$  in a mixture.

### Spectrophotometry :

- 6) Estimation of chromium in water sample spectrophotometrically by using Diphenyl carbazide
- 7) **Validity of Beer Lamberts Law** : To test the validity of Beers - Lambert law using methylene blue and to determine i)  $\lambda_{\max}$  ii) Molar extinction coefficient
- 8) Determination of  $\lambda_{\max}$  of the various compound.
- 9) Determination of viscosity of given liquid by Ostwalds Viscometer.
- 10) Determination of surface tension of given liquid by Stalagmometer.  
Determination of refractive index of given liquids.



  
PRINCIPAL

Arts, Commerce & Science College, Kharepatan  
A.p. Kharepatan, Tal. Kankavli, Dist. Sindhudurg

# ACADEMIC YEAR

2021 – 2022



**Kharepatan Panchkroshi Shikshan Prasarak Mandal Sanchalit**  
**ARTS & COMMERCE COLLEGE ,KHAREPATAN**

Tal. Kankavali, Dist-Sindhudurg, Tel- (02367)242231

(Affiliated to Mumbai University No.ICM/ I/ 558/2012-13)

**O.W.NO.- 03-A/21-22**

**DATE- 06/07/2021**

To,

The president / Secretary,

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**Subject: Proposal for the Introduction of a Short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at Arts, Commerce and Science College, Kharepatan in current academic year 2021 - 2022.**

I hope this letter finds you in good health and high spirits. I am writing to express our strong willingness to introduce a short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at **Arts, Commerce and Science College, Kharepatan** for the current year **2021 - 2022**.

This course will provide our students with valuable skills and knowledge, enhancing their educational experience and career prospects.

### **Course Overview**

<b>Sr. No.</b>	<b>Department</b>	<b>Course Title</b>	<b>Duration</b>
1.	History	Introduction & Historical Development of Tourism	60 Hrs.
2.	Commerce	Life Insurance	45 Hrs.
3.	Botany	Plant Propagation & Nursery Management	40 Hrs.
4.	Chemistry	Bio-inorganic Chemistry	40 Hrs.

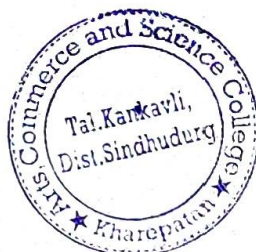
We believe that this initiative will not only enhance the academic offerings at **Arts, Commerce and Science College, Kharepatan** but also enrich the lives and future prospects of our students. We kindly request your support and endorsement for the implementation of this program.

We are open to further discussions and are prepared to provide any additional information or clarification you may require to evaluate this proposal.

Thank you for considering our proposal. We look forward to your positive response and the opportunity to contribute to the academic excellence of **Arts, Commerce and Science College, Kharepatan**.

Date: **06/07/2021**

Place: Kharepatan



Sincerely,

Dr. Atmaram D. Kamble,  
Principal,  
Arts, Commerce and Science College, Kharepatan.

# खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ

## खारेपाटण, ता.कणकवली, जि.सिंधुदुर्ग

स्थापना : १९५३

(02367) 242231  
ईमेल - srinvidyalay@yahoo.co.in

बीपीटी अॅक्ट १९५० मुंबई  
रजि.नं.ई.-२७ सिंधुदुर्ग

जावक क्र. : ०४५

दिनांक : 13/07/2021

To,

The Principal,

Arts, Commerce and Science College, Kharepatan.

Ref.: Your letter No. ACCK/IQAC/03-A/21-22, Dated: 06/07/2021

Sub: Approval for the Introduction of Courses at Arts and Commerce College, Kharepatan in current academic year 2021 - 2022.

Respected Sir / Madam,

I am pleased to inform you that the courses in Arts and Commerce College, Kharepatan as per the above mentioned subjects which are to be executed by the concerned departments have been approved by the Governing Body of Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan for the academic year 2021 - 22.

All the Best....!!!

Place: Kharepatan

Date: 13/07/2021



Note:

Approved courses list enclosed in details.

Secretary / President

संकेटरी

खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ  
खारेपाटण, जि. सिंधुदुर्ग

Sr. No.	Department	Course Title	Duration
1.	History	Introduction & Historical Development of Tourism	60 Hours
2.	Commerce	Life Insurance	45 Hours
3.	Botany	Plant Propagation & Nursery Management	40 Hours
4.	Chemistry	Bio-inorganic Chemistry	40 Hours



*Kharepatan Panchkroshi Shikshan Prasarak Mandal's Kharepatan*

**ARTS, COMMERCE AND SCIENCE COLLEGE**

**KHAREPATAN**

***DEPARTMENT OF HISTORY***

***INTRODUCTION AND HISTORICAL DEVELOPMENT OF TOURISM***

**2021-2022**

## **INTRODUCTION OF COURSE**

India's glorious traditions and rich cultural heritage are closely related with the development of tourism. Its magnificent monuments attract a large number of tourists from all over the world. The natural surroundings, the architectural masterpieces, the music, dance, paintings, customs and languages all these go to make India as tourist paradise.

In ancient India, there were no travel formalities for travelling in the period of Chandragupta - II, and that time the famous Chinese pilgrim Fa Hien travelled between A.D. 401 and 410 without a passport. But in the 3rd century B.C. a passport or mudra was essential, according to Kautilya's Arthashastra, for all travelers. During the Vedic period, the tourists were accommodated at „dhams“ or holy place of the country. There was a remarkable increase in the traveler coming to India, as a result of the discovery of the new sea route by Vasco - de - Gama. When Alexander the Great reached in India, he found well maintained roads lined with trees and wells, and rest houses. Along with the royal highway which is 1920 km long and 19 meters wide, men travelled in Chariots, palanquins, bullock- carts, on donkeys, horses, camels and elephants. During the British period, tourism in India becomes more organized. They built Dak Bungalows on the road side for the convenience of dak traveler. The finest of India's cuisines is as rich and diverse as its civilization. In Sanskrit literature the three famous words “Aththi Devo Bhava” means „the guest is truly god“ are a dictum of hospitality in Indias.

## **OUTCOMES OF COURSE**

- 1) Students will learn about the roots of Indian Culture and its development in Historical times.
- 2) Students will learn about major transportation system available in India and abroad
- 3) Students will learn about the significance of Travel Agencies and Responsibilities of Tour Operator, Guides and Escorts such as Itinerary planning and Tour Designing procedures etc.
- 4) Students will learn about Art and Architecture, Literature and Socio-Cultural development

took place in India during the rule of Native Kingdoms and Islamic rulers. recognize the impact of Mass Media on Culture and Society.

**Duration: 60 hours- .**

**Starting from**15/07/2021 **to** 15/10/2021

**Daily Timing:-12.30p.m.To 1.30p.m.**

**Eligibility Criteria :-**The course is meant for the undergraduates History and Geography as well as other Faculty Students who is in the final year of the degree course will be preferred.

**Contact of course coordinator:**

**Name:-***Prof. Dr. VANDANA RAJESH SHINDE*

**MobileNo.:-9850574176**

**EmailID:-** [drvandanashinde8@gmail.com](mailto:drvandanashinde8@gmail.com)

# Syllabus for

## INTRODUCTION AND HISTORICAL DEVELOPMENT OF TOURISM

(60 Lectures)

Unit	Topic	No. of Lectures
Unit 1	<b><u>Unit -1 Definition And Historical Development of Tourism, Its Structure and Components</u></b> * Definition of Tourism * Four different perspectives of tourism can be identified * Tourism can be divided by four category * Different tourism experts categorized development of tourism into 6 stages	10 L
Unit 2	<b><u>Unit -2. Nature and Characteristics of Tourism Industry</u></b> * The tourist destination * Tourist Services * Tourist Products * Markets	10 L
Unit 3	<b><u>Unit -3. Tourism as an Industry and Consequence of Industry Status.</u></b> * Foreign tourist arrivals in India (1997-2015) * Foreign exchange earnings from tourism in India (1997-2015) * Source countries for foreign tourist arrivals in India in 2015	10L

Unit 4	<p><u>Unit -4. Approaches to the study of Tourism</u></p> <ul style="list-style-type: none"> <li>* Product Approach</li> <li>* Institutional Approach</li> <li>* Managerial Approach</li> <li>* Geographical Approach</li> <li>* Sociological Approach</li> <li>* Historical Approach</li> <li>* Economic Approach</li> <li>* Interdisciplinary Approach</li> </ul>	10 L
Unit 5	<p><u>Unit -5. Definition And Distinction Between Travelers, Visitors, Excursionist, Tourist And Transit Visitor.</u></p> <ul style="list-style-type: none"> <li>* Same-day Visitors</li> <li>* Tourist</li> <li>* Excursionist</li> <li>* Traveller</li> <li>* Visitor</li> <li>* Transit visitor</li> </ul>	10 L

<p>Unit 6</p>	<p><b><u>Unit -6. Travel Motivators And Deterrents</u></b></p> <ul style="list-style-type: none"> <li>*Physical motivators:</li> <li>*Cultural motivators:</li> <li>*Interpersonal motivators</li> <li>*Status and prestige motivators</li> <li>*Travel Motivators</li> <li>*Travel deterrents</li> </ul>	<p><b>10L</b></p>
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*Kharepatan Panchkroshi Shikshan Prasarak Mandal's*

**ARTS, COMMERCE AND SCIENCE  
COLLEGE, KHAREPATAN**

**Short Term Course  
In**

**LIFE INSURANCE**

**ORGANIZING DEPARTMENT -  
COMMERCE**

**Course Co-ordinator**

**Prof. Munshi M.A. (M.Com. B.ED)**

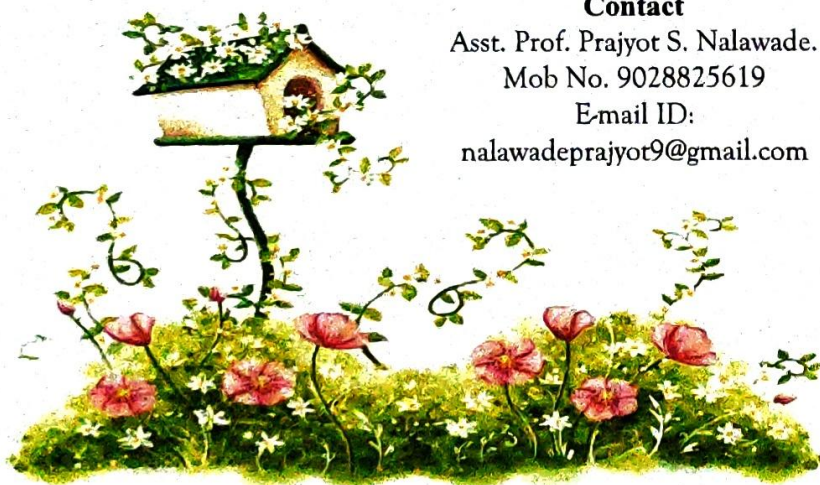
**2021-2022**

**Duration**  
40 Hrs. (2 Months)

**Starting From**  
1 December 2021 to 3 February 2022

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**  
Any student who has interest in Horticulture & Gardening



**Contact**  
Asst. Prof. Prajyot S. Nalawade.  
Mob No. 9028825619  
E-mail ID:  
nalawadeprajyot9@gmail.com

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

## **ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN**

**DEPARTMENT OF BOTANY**

2021-22

**Plant Propagation  
&  
Nursery Management**



## Introduction

A person with horticulture knowledge and skills enter a broad range of challenging and rewarding professional careers in production, management, marketing, education and research. There are many techniques in horticulture field which are used by professional for maintaining nurseries, poly houses and Farms. Plant propagation is the process of creating new plants. Plant propagation done by both sexual and asexual method. In sexual propagation seeds plays an important role while in an asexual propagation involves taking a part of one parent plant and causing it to regenerate itself into a new plant. The resulting new plant is genetically identical its parent. Asexual propagation involves the vegetative parts of a plant: stems, roots, or leaves.

Asexual propagation is an easier and faster method of propagation in some species; it may be the only way to perpetuate some cultivars; and it bypasses the juvenile characteristics of certain species. Many types of plants, both woody and herbaceous, are frequently propagated by these different propagation techniques like cutting, budding, grafting and layering.

This is a course for both the enthusiast and the commercial propagator. This is a unique training program; offering an opportunity to develop knowledge and skills that are in high demand around the globe. A skilled propagator is pivotal to the success of any viable nursery, and much of the information conveyed in this course would normally take years to discover by just working on the job. Learning these techniques will improve your career as well as business prospects and you will be worked as an expert plant propagator for either self-employment or working for someone else.



## Outcomes

Learn to be more successful, hence more productive with resources spent on propagation techniques.

Learn to choose the most appropriate propagation techniques and material to propagate & grow different plant species.

Improve the productivity of an existing plant nursery & improve your personal value as a propagator.

Improve your career and business prospects - for either self-employment or working for someone else.



# ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN

Department of Botany

## Syllabus for 'Plant Propagation & Nursery Management' course

2021-22

(Theory & Practical: 40 Lectures)

Units		Topic	No. of Lectures
Unit I	Theory	<b>Propagation:</b> Importance and Potentialities, Sexual and asexual methods of propagation, Advantages and disadvantages of propagation.	10 L
	Practical	Preparation of different types of cuttings. Preparation of different types of budding.	
Unit II	Theory	<b>Methods of vegetative propagation:</b> Cutting, Budding, Layering and Grafting techniques. Preparation of nursery bed, orchard layout, system of crop planting, pot mixture and making.	10 L
	Practical	Preparation of different types of layering. Preparation of different types of grafting.	
Unit III	Theory	Problems of horticulture crops, Factors influencing rooting of cutting, layering and grafting.	10 L
	Practical	Uprooting of Nursery plants. Digging of Nursery plants.	
Unit IV	Theory	Use of growth regulators in propagation, media for propagation of plants in nursery beds.	10 L
	Practical	Labeling of Nursery Plants. Packing of Nursery Plants.	



  
PRINCIPAL

Arts, Commerce & Science College, Kharepatan,  
A/p. Kharepatan, Tal. Kankavli, Dist. Sindhudurg.

**Duration**  
40 Hrs. (2 Months)

**Starting From**  
1 December 2021 to 3 February 2022

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**  
Any student who has interest in Analysis

**Contact**  
Asst. Prof. Indap S.R.  
Mob No. 9922575714  
E-mail ID: [sagarindap210995@gmail.com](mailto:sagarindap210995@gmail.com)



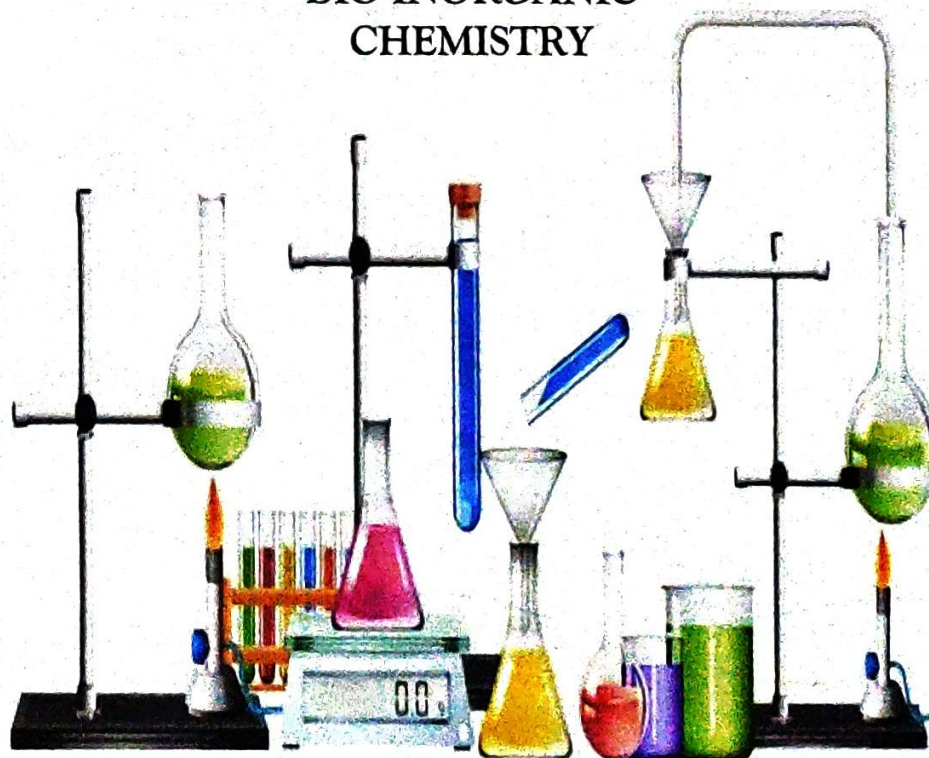
Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

## **ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN**

**DEPARTMENT OF CHEMISTRY**

**2021-22**

**BIO INORGANIC  
CHEMISTRY**



## Introduction

**Bioinorganic chemistry** is a field that examines the role of **metals** in **biology**. Bioinorganic chemistry includes the study of both natural phenomena such as the behavior of **metalloproteins** as well as artificially introduced metals, including those that are **non-essential**, in **medicine** and **toxicology**. Many **biological** processes such as **respiration** depend upon molecules that fall within the realm of **inorganic chemistry**. The discipline also includes the study of inorganic models or mimics that imitate the behaviour of metalloproteins.

As a mix of **biochemistry** and **inorganic chemistry**, bioinorganic chemistry is important in elucidating the implications of electron-transfer **proteins**, substrate bindings and activation, atom and group transfer chemistry as well as metal properties in biological chemistry. The successful development of truly interdisciplinary work is necessary to advance bioinorganic chemistry.

## Outcomes

- Recognize how the fundamental principles of inorganic chemistry apply to bioinorganic systems.
- Appreciate how Nature acquires and places trace elements for use in life processes.
- Understand the application of specialized methods used to study bioinorganic molecules.





## **SYLLABUS:**

### **A) Introduction:**

**15**

What Bioinorganic Chemistry? General terms, how and why does nature select inorganic elements? Inorganic Elements and evolution. Material: slides + Bertini, chapters I and II; tutorial I Objectives: answer, why and how nature selects specific elements

B) Basic biological Coordination Chemistry. Kinetic and spectroscopic characteristics of bioinorganic systems. Material: slides + Bertini, chapters III and IV; tutorial II Objectives: apply coordination chemistry of non-redox active metal centers to biological complexes.

C) Stroll through the periodic system. Systematic overview over tasks and examples of inorganic elements in biology Material: slides Objectives: explain, why nature selects specific elements for specific tasks B) Non-redox active metals

D) Ion transport: membranes, energy, channels, pumps Material: slides + Bertini, chapters V Objectives: comprehend and discriminate the different mechanism developed to cross cellular borders

**15**

E) Biomineralization: the hard part of bioinorganic chemistry Material: slides + Bertini, chapters VI Objectives: know the nature and function of different bio-minerals and understand the mechanism of biomineralization based on principles derived from physical chemistry

F) Nanoparticles, Inorganic structural elements in proteins, RNA & DNA B.4: Lewis acid catalysis Material: slides + Bertini, chapters XIV and IX Objectives: explain applications of nanoparticles in biology, functions of



non-redox active elements for protein or DNA structure and understand enzyme mechanisms of based on Lewis acid activation C) Open shell transition metals

- G) Bioinorganic coordination chemistry II – transition metals Material: slides + Bertini, tutorial 2, second part Objectives: apply coordination chemistry of redox active metal ions to explain properties of these metal centers
- H) Electron transport in biology – iron sulfur clusters, enzymes for respiration, photosynthesis and related pathways Material: slides + Bertini chapter X Objectives: apply the Marcus theory to explain electron transport in biology
- I) Oxygen transport – metal-oxygen coordination in proteins Material: slides + Bertini chapter XI.1. and XI.4 Objectives: explain oxygen-transport using ligand field theory
- J) Oxygen activation and processing by cytochromes Material: slides + Bertini chapter XI.3, XI.6, XI.8 Objectives: comprehend and discriminate the different mechanism of enzymatic dioxygen activation using cytochromes

**Syllabus Committee:-**

- 1) Mr. S. R. Indap (Head, Department of Chemistry)

# ACADEMIC YEAR

2022 - 2023



**Kharepatan Panchkroshi Shikshan Prasarak Mandal Sanchalit**

# **ARTS & COMMERCE COLLEGE, KHAREPATAN**

Tal. Kankavali, Dist-Sindhudurg, Tel- (02367)242231

(Affiliated to Mumbai University No.ICM/ I/ 558/2012-13)

**O.W.NO.- 02-A/22-23**

**DATE- 06/06/2022**

To,

The president / Secretary,

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**Subject: Proposal for the Introduction of a Short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at Arts, Commerce and Science College, Kharepatan in current academic year 2022 - 2023.**

I hope this letter finds you in good health and high spirits. I am writing to express our strong willingness to introduce a short-Term Certified Course / Add-on Course / Short-term Training Program / Value Added Courses at **Arts, Commerce and Science College, Kharepatan** for the current year **2022 - 2023**.

This course will provide our students with valuable skills and knowledge, enhancing their educational experience and career prospects.

## **Course Overview**

<b>Sr. No.</b>	<b>Department</b>	<b>Course Title</b>	<b>Duration</b>
1.	Hindi	Jansanchar Madhyam	30 Hrs.
2.	Marathi	Journalism	30 Hrs.
3.	History	Gandhian Thoughts & Philosophy	40 Hrs.
4.	Commerce	Life Insurance	45 Hrs.
		Tally ERP.9	30 Hrs.
		Personality Development	60 Hrs.
5.	Botany	Plant Propagation & Nursery Management	40 Hrs.
6.	Chemistry	Bio-inorganic Chemistry	40 Hrs.

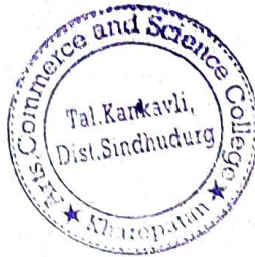
We believe that this initiative will not only enhance the academic offerings at **Arts, Commerce and Science College, Kharepatan** but also enrich the lives and future prospects of our students. We kindly request your support and endorsement for the implementation of this program.

We are open to further discussions and are prepared to provide any additional information or clarification you may require to evaluate this proposal.

Thank you for considering our proposal. We look forward to your positive response and the opportunity to contribute to the academic excellence of **Arts, Commerce and Science College, Kharepatan**.

Date: **06/06/2022**

Place: Kharepatan



Sincerely,

A handwritten signature in black ink, appearing to be "Dr. Atmaram D. Kamble".

Dr. Atmaram D. Kamble,

Principal,

Arts, Commerce and Science College, Kharepatan.

# खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ

खारेपाटण, ता.कणकवली, जि.सिंधुदुर्ग

स्थापना : १९५३

☎ (02367) 242231  
ईमेल - snmvidyalay@yahoo.co.in

बीपीटी अँक्ट १९५० मुंबई  
रजि.नं.ई.-२७ सिंधुदुर्ग

जावक क्र. : ०३/२०२२-२३

दिनांक : ०९/०६/२०२२

To,  
The Principal,  
Arts, Commerce and Science College, Kharepatan.

Ref.: Your letter No. ACCK/IQAC/०१-A/२२-२३, Dated: ०६/०६/२०२२

Sub: Approval for the Introduction of Courses at Arts and Commerce  
College, Kharepatan in current academic year 2022 - 2023.

Respected Sir / Madam,

I am pleased to inform you that the courses in Arts and Commerce College, Kharepatan as per the above mentioned subjects which are to be executed by the concerned departments have been approved by the Governing Body of Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan for the academic year 2022 - 23.

All the Best...!!!

Place: Kharepatan

Date: ०९/०६/२०२२



Secretary / President

संकेटरी

खारेपाटण पंचक्रोशी शिक्षण प्रसारक मंडळ  
खारेपाटण जि. सिंधुदुर्ग

Note:

Approved courses list enclosed in details.

Sr. No.	Department	Course Title	Duration
1.	Hindi	Jansanchar Madhyam	30 Hours
2.	Marathi	Journalism	30 Hours
3.	History	Gandhian Thoughts & Philosophy	40 Hours
5.	Botany	Plant Propagation & Nursery Management	40 Hours
6.	Chemistry	Bio-inorganic Chemistry	40 Hours
7.	Commerce	Life Insurance	45 Hours
		Tally ERP.9	30 Hours
		Personality Development	60 Hours

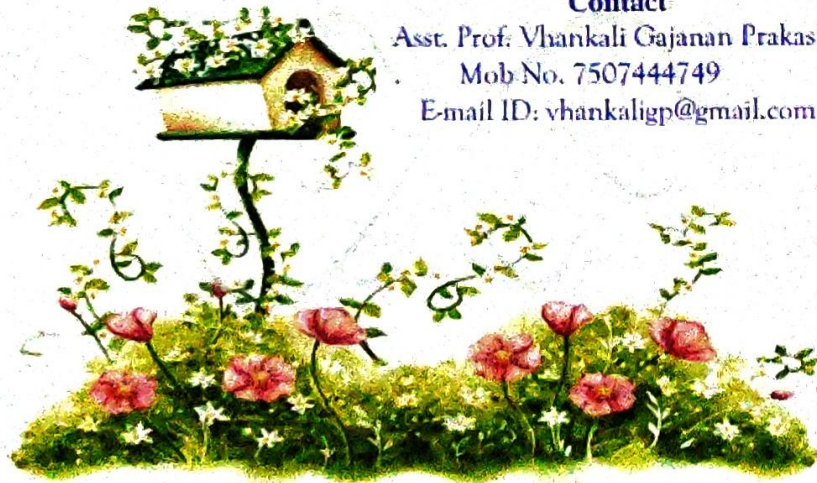
**Duration**  
35 Hrs. (35 Day)

**Starting From**  
5 December 2022 to 14 January 2023

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday-Saturday**  
11:30 a.m. to 12:30 p.m.

**Eligibility Criteria**

Any student who has interest in Mass Media



**Contact**

Asst. Prof: Vhankali Gajanan Prakash  
Mob No. 7507444749  
E-mail ID: vhankaligp@gmail.com

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**ARTS, COMMERCE AND SCIENCE**  
**COLLEGE, KHAREPATAN**

**DEPARTMENT OF HINDI**

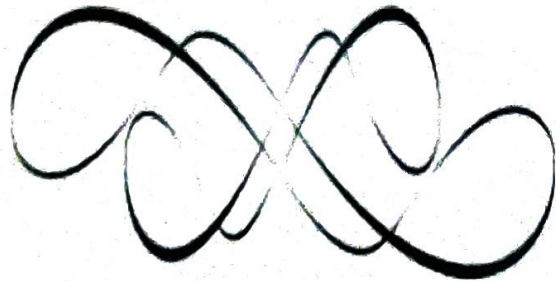
**2022-23**



## Introduction

A person with knowledge and skills in broadcast resources accesses a wide range of challenging and rewarding professional careers in media, reporting, education and research. There are many techniques in mass media that a professional can use in the career process. In the mass media, we are given or getting career opportunities in various fields such as newspaper, radio, film, television, translation writing, interview, advertisement, documentary, short film, feature writing, graphic writing etc.

Mass media dissemination is an easy and fast method. And all this is made possible by technology thanks to the spread of resources. And you should learn to be more successful, using this dissemination resource.



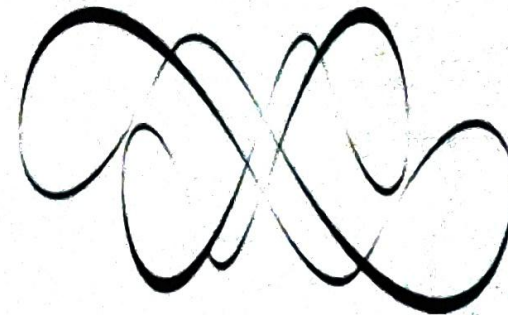
## Outcomes

Learn to be more successful, so use the dissemination resources.

Try to use a variety of innovative techniques at ease Learn to select techniques and materials.

Improve your personal value as more of a promoter by using existing technology.

Improve your career and business prospects - either for self-employment or working for someone else.



**ARTS, COMMERCE & SCIENCE COLLEGE , KHAREPATAN**

A/P-Kharepatan ,Tal-Kankavli ,Dist -Sindhudurg

Department Of Hindi

**हिंदी प्रमाणपत्र कोर्स पाठ्यक्रम**

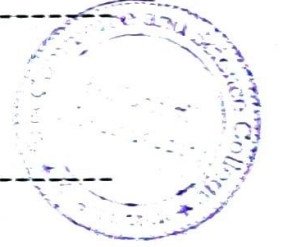
CERTIFICATE COURSE IN HINDI "JANSANCHAR MADHYAM"

शिक्षा वर्ष - २०२२-२३

व्याख्यान -३०

कोर्स का नाम - जनसंचार माध्यम

कोर्स कोड - HINCC०१

**उद्दिष्टे**

१. रेडीओ, दूरदर्शन और सिनेमा के क्षेत्र में रोजगार कि जाणकारी देना।
२. पत्रकारिता के क्षेत्र के लिये तैयार करना।
३. विज्ञापन के क्षेत्र को समझना।
४. विज्ञापन कला को अवगत करना।
५. विविध भाषाओ में अनुवादक के रूप में करिअर।

**पाठ्यक्रम :-****कुल व्याख्यान****इकाई-१ जनसंचार माध्यम- समाचार पत्र रेडिओ फिल्म**

03

A जनसंचार माध्यम- अर्थ,स्वरूप, और परिभाषा

B.जनसंचार माध्यम के प्रकार

C.जनसंचार माध्यम- समाचार पत्र

D.जनसंचार माध्यम- रेडिओ

E.जनासंचार माध्यम टेलिव्हिजन

F. जनसंचार माध्यम- सिनेमा/ फिल्म

**इकाई-2.समाचार लेखन-**

03

A.समाचार का अर्थ, स्वरूप

B.समाचार की परिभाषा

C.समाचार के तत्व /समाचार की संरचना

D.समाचार लेखन प्रणाली

E.समाचार लेखन -उलटा पिरामिड शैली

F.समाचार लेखन- उदाहरण

**इकाई-3.साक्षात्कार-**

03

A.साक्षात्कार का अर्थ, स्वरूप, परिभाषा

B.साक्षात्कार का महत्व

साक्षात्कार पद्धती की सीमायें अथवा दोष

**इकाई- 4. अनुवाद लेखन ।**

- A. अनुवाद का अर्थ, स्वरूप
- C. अनुवाद का महत्व
- E. अनुवाद के भेद

D. साक्षात्कार के प्रकार

03

- B. अनुवाद की परिभाषा
- D. अनुवाद के क्षेत्र
- F. अनुवाद के गुण

**इकाई-5. हिंदी भाषा सामग्री का मराठी में अनुवाद ।**

03

- A. अनुवाद लेखन - उदाहरण-1
- C. अनुवाद लेखन - उदाहरण -3
- E. अनुवाद लेखन - उदाहरण-5

- B. अनुवाद लेखन - उदाहरण -2
- D. अनुवाद लेखन - उदाहरण-4
- F. अनुवाद लेखन - उदाहरण -6

**इकाई-6. विज्ञापन कला ।**

03

- A. विज्ञापन अर्थ स्वरूप एवं परिभाषा
- C. विज्ञापन के गुण
- E. विज्ञापन और हिंदी

- B. विज्ञापन के कार्य और प्रकार
- D. विज्ञापन का महत्व
- F. विज्ञापन की उपयोगिता

**इकाई-7. विज्ञापन बनाना ।**

03

- A. विज्ञापन कैसे बनाये ?

- B. विज्ञापन के उदाहरण

**इकाई-8. दूरदर्शन में विज्ञापन का प्रयोग ।**

03

- A. टीव्ही विज्ञापन-इतिहास और अभिलक्षण
- C. दूरदर्शन में विज्ञापन

- B. टीव्ही विज्ञापनों का भविष्य

**इकाई-9. डॉक्यूमेंटरी लघुपट बनाना ।**

03

- A. डॉक्यूमेंटरी अर्थ स्वरूप और वर्गीकरण
- C. लघुपट बनाना

- B. डॉक्यूमेंटरी निर्माण प्रक्रिया

**इकाई-10. फीचर लेखन, आलेख लेखन ।**

03

- A. फीचर लेखन क्या है/ उदाहरण

- B. आलेख लेखन क्या है / उदाहरण

**संदर्भ ग्रंथ**

1. जनसंचार माध्यम-डॉ. हरीश अरोडा
2. प्रयोजनमूलक हिंदी-डॉ. माधव सोनटक्के
3. जनसंचार माध्यम और हिंदी पत्रकारिता-डॉ. अर्जुन तिवारी
4. हिंदी पत्रकारिता-डॉ. कृष्णबिहारी मिश्र
5. जनसंचार माध्यम और मीडिया लेखन- डॉ. दत्तात्रय मुरुमकर

  
Head

Department of Hindi

Arts Commerce and Science College, Kharepatan



  
PRINCIPAL

Arts Commerce & Science College, Kharepatan,  
A.P. Kharepatan, Tal. Kankavli, Dist. Sindhudurg.

**ARTS, COMMERCE & SCIENCE COLLEGE KHAREPATAN**

**MARATHI**

**2022-2023**

**JOURNALISM**



**Brief information of course:**

- Speak confidently.
- Produce the target language and structures confidently and accurately.
- Understand in the workplace and succeed in an international work environment.
- Learn and have deeper knowledge of the most important speaking practice for journalism
- Acquire vocabulary, practice speaking, reading, writing and listening skills necessary to work in retail.
- Communicate clearly and confidently in at work, and outside of work.
- After the course you can speak confidently without any language barrier.

**Objectives:**

1. Curiosity, curiosity, to create curiosity to know more about an incident if it happens
2. Forced to think logically, the mindset of exploration.
3. Make it a habit to work hard and work from time to time.
4. Journalism will be introduced.
5. Know the work of journalism.
6. The difference between journalism and journalism will be noticed.
7. You will notice how the language of journalism should be.

**Outcome:** The students can get employment in News channel, Press as a Reporter or Editor.

**Starting from: 15 JUNE to 15 JULY**

**Daily Timing: 11 a.m. to 12 p.m.**

**Eligibility Criteria: 12<sup>th</sup> Pass**

**Duration: 30 Hours**

**CONTACT US:**

**Course Coordinator – Name: Prof. Mrs. Desai R.R.**

**7447804575**

  
**PRINCIPAL**

Arts, Commerce & Science College, Kharepatan  
A/p. Kharepatan, Tal. Kankavli, Dist. Sindhudurg.

KharepatanPanchkroshiShikshanPrasarakMandal's

**ARTS, COMMERCE & SCIENCE COLLEGE KHAREPATAN**

**MARATHI DEPARTMENT**

**JOURNALISM**

Sr. No.	UNIT	TOPIC	ALLOTTED LECTURES
1	<b>UNIT 1: Motivation, Nature and Principles of Marathi Journalism</b>	History of Marathi Journalism: Beginning of Indian Newspapers - Ideological Enlightenment, Social Reform and Political Awareness in Relation to Journalism - Newspaper Performance in Freedom Struggle .Ambedkar's Journalism - Post-Independence Marathi Newspapers - Loksatta, Marathi, Lokmat, Maharashtra Times etc. - History and Performance of Major Marathi Newspapers in Maharashtra - New Information Technology and the Changing Face of Marathi Newspapers - Marathi Newspapers on the Internet.	5 L
2	<b>UNIT 2: News and News Value -</b>	Accuracy, speed, balance, justification, means of news gathering and its means, news writing, six 'K' cars (who, when, where, what, how and why?), What next?	5 L
3	<b>UNIT 3: News writing methods are straightforward, narrative, compliant, objective approach, ease of language</b>	Newspaper Functions, Newspaper Scope and Influence - Newspapers and Democracy - Newspaper Objections - Newspapers and Readers - Newspapers, Government and Society - Newspaper Freedom, Concepts, Scope and Limits, Code of Conduct - Newspaper Writing and Fine Literature.	5 L
4	<b>UNIT 4: Types of news</b>	Interpretive, in-depth, developmental, exploratory etc.	5 L
5	<b>UNIT 5: Areas of News Collection</b>	Politics and Administration, Culture, Sports, Education, Trade and Industry and Labor, Science and Technology, Courts, Crime, Natural Disasters, Climate Environment, Health, Transport, Military and Paramilitary Forces etc.	5 L
6	<b>UNIT 6: Development Journalism</b>	Concept of Development: Development of individual and development of society, economic development and cultural development etc.	5 L



**PRINCIPAL**

Arts, Commerce & Science College, Kharepatan,



*Kharepatan Panchkroshi Shikshan Prasarak Mandal's Kharepatan*

**ARTS, COMMERCE AND SCIENCE COLLEGE**

**KHAREPATAN**

**DEPARTMENT OF**

**HISTORY**

**GANDHIAN THOUGHT AND PHILOSOPHY**

**2022-2023**

## **INTRODUCTION OF COURSE**

Gandhi is one of the great activist-theoreticians of the twentieth century. His writings emerged mainly during the varied process of social, economic and political actions. As Bondurant observed, "One cannot... turn to the writings of Gandhi for a definite statement in political theory. Gandhi was a political actionist and a practical philosopher; he was not a theorist. His writings abound with inconsistencies – one result of his persistent habit of thinking in public. Whatever philosophical formulations he made were inspired by and directed towards solving of immediate problems. The unsophisticated explanations which Gandhi offered for his methods, his objectives, his policy, and creed were part of a program of action. They should not be interpreted in terms either of a theory or of practical master planning" (Bondurant, 1967, p.7). During his entire life, Gandhi wrote three book-length works. The most important, his *Autobiography* first appeared in a serialised form in one of his Gujarati journals. The other two were *Satyagraha in South Africa* and the *Hind Swaraj* (1909). Gandhi himself was conscious of the inadequacies of his writings both at the theoretical and scholarly levels. In a Socratic manner, he considered his life as his message and observed:

## **OUTCOMES OF COURSE**

- 1) Students will be able to Understand political structure such as village Panchayat
- 2) Students will be able to Understand Gandhian concept of Truth.
- 3) Understand the role of education for peace and Non violence.
- 4) Understand Gandhian visions of Bhakti concept .
- 5) Understand the importance of Gandhian values in different walks of life.
- 6) follow ethics in Gandhian thought.

**Duration: - 40 hours**

**Starting from:- 01/09/2022 to 01/11/2022**

**Daily Timing :- 12.30 p.m. to 1.30 p.m.**

**Eligibility Criteria:-** The course is meant for the undergraduates History and Politics Science as well as other Faculty Students who is in the final year of the degree course will be preferred.

**Contact of course coordinator:-**

**Name:- Prof.Dr.VANDANA RAJESH SHINDE**

**MobileN.:- 9850574176**

**Email ID:- [drvandanashinde8@gmail.com](mailto:drvandanashinde8@gmail.com)**

# Syllabus for

## GANDHIAN THOUGHTS AND PHILOSOPHY

(40 Lectures)

Unit	Topic	No. of Lectures
Unit 1	<b><u>UNIT 1 INTRODUCTION TO GANDHIAN POLITICAL THOUGHT</u></b> 1.1 Introduction 1.2 Autonomy of Modern Indian Thought 1.3 Intellectual Influences on Gandhi 1.4 Gandhi as a Critic of the West 1.5 Gandhi as a Seeker of Indigenous Roots 1.6 Gandhi's Admiration of the British Institutions 1.7 Conclusion 1.8 Summary 1.9 Terminal Questions	10 L
Unit 2	<b><u>UNIT 2 GANDHI'S VIEWS ON STATE AND CITIZENSHIP (RAMRAJYA)</u></b> 2.1 Introduction 2.2 Notions of State and <i>Swaraj</i> 2.3 Economic basis of Political Independence 2.4 Constructive Programme 2.5 Citizenship 2.6 Conclusion 2.7 Summary 2.8 Terminal Questions	10 L

<p><b>Unit 3</b></p>	<p><b><u>UNIT 3 GANDHI'S VIEWS ON DEMOCRACY (GRAM SWARAJ)</u></b></p> <p>3.1 Introduction  3.2 City and Village  3.3 Gram Swaraj  3.4 Critique of Industrialisation  3.5 Critique of Machinery  3.6 Conclusion  3.7 Summary  3.8 Terminal Questions</p>	<p><b>10L</b></p>
<p><b>Unit 4</b></p>	<p><b><u>UNIT 4 GANDHI'S CONCEPT OF NATIONALISM</u></b></p> <p>4.1 Introduction  4.3 Assessment of the Congress and the British Political Institutions and Practices  4.4 Self -Rule: need to bridge the gap between the elite and the masses  4.5 Conclusion  4.6 Summary  4.7 Terminal Questions</p>	<p><b>10 L</b></p>

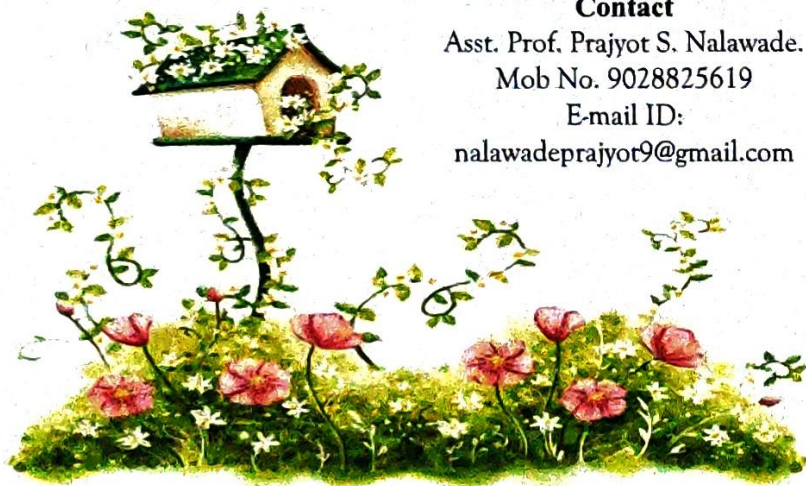
**Duration**  
40 Hrs. (2 Months)

**Starting From**  
1 December 2022 to 3 February 2023

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**

Any student who has interest in Horticulture & Gardening



**Contact**  
Asst. Prof. Prajyot S. Nalawade.  
Mob No. 9028825619  
E-mail ID:  
nalawadeprajyot9@gmail.com

Kharepatan Panchkroshi Shikshan Prasarak Mandal, Kharepatan

**ARTS, COMMERCE AND SCIENCE  
COLLEGE, KHAREPATAN**

**DEPARTMENT OF BOTANY**

2022-23

**Plant Propagation  
&  
Nursery Management**



## Introduction

A person with horticulture knowledge and skills enter a broad range of challenging and rewarding professional careers in production, management, marketing, education and research. There are many techniques in horticulture field which are used by professional for maintaining nurseries, poly houses and Farms. Plant propagation is the process of creating new plants. Plant propagation done by both sexual and asexual method. In sexual propagation seeds plays an important role while in an asexual propagation involves taking a part of one parent plant and causing it to regenerate itself into a new plant. The resulting new plant is genetically identical its parent. Asexual propagation involves the vegetative parts of a plant: stems, roots, or leaves.

Asexual propagation is an easier and faster method of propagation in some species; it may be the only way to perpetuate some cultivars; and it bypasses the juvenile characteristics of certain species. Many types of plants, both woody and herbaceous, are frequently propagated by these different propagation techniques like cutting, budding, grafting and layering.

This is a course for both the enthusiast and the commercial propagator. This is a unique training program; offering an opportunity to develop knowledge and skills that are in high demand around the globe. A skilled propagator is pivotal to the success of any viable nursery, and much of the information conveyed in this course would normally take years to discover by just working on the job. Learning these techniques will improve your career as well as business prospects and you will be worked as an expert plant propagator for either self-employment or working for someone else.



## Outcomes

Learn to be more successful, hence more productive with resources spent on propagation techniques.

Learn to choose the most appropriate propagation techniques and material to propagate & grow different plant species.

Improve the productivity of an existing plant nursery & improve your personal value as a propagator.

Improve your career and business prospects - for either self-employment or working for someone else.



# ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN

Department of Botany

## Syllabus for 'Plant Propagation & Nursery Management' course

2022-23

(Theory & Practical: 40 Lectures)

Units		Topic	No. of Lectures
Unit I	Theory	<b>Propagation:</b> Importance and Potentialities, Sexual and asexual methods of propagation, Advantages and disadvantages of propagation.	10 L
	Practical	Preparation of different types of cuttings. Preparation of different types of budding.	
Unit II	Theory	<b>Methods of vegetative propagation:</b> Cutting, Budding, Layering and Grafting techniques. Preparation of nursery bed, orchard layout, system of crop planting, pot mixture and making.	10 L
	Practical	Preparation of different types of layering. Preparation of different types of grafting.	
Unit III	Theory	Problems of horticulture crops, Factors influencing rooting of cutting, layering and grafting.	10 L
	Practical	Uprooting of Nursery plants. Digging of Nursery plants.	
Unit IV	Theory	Use of growth regulators in propagation, media for propagation of plants in nursery beds.	10 L
	Practical	Labeling of Nursery Plants. Packing of Nursery Plants.	



  
PRINCIPAL

Arts, Commerce & Science College, Kharepatan,  
A/p. Kharepatan, Tal. Kankavli, Dist. Sindhudurg.

**Duration**  
40 Hrs. (2 Months)

**Starting From**  
1 December 2022 to 3 February 2023

**Timing**  
**Monday-Tuesday-Wednesday-Thursday-Friday**  
1:30 p.m. to 2:15 p.m.

**Eligibility Criteria**  
Any student who has interest in Analysis

**Contact**  
Asst. Prof. Indap S.R.  
Mob No. 9922575714  
E-mail ID: [sagarindap210995@gmail.com](mailto:sagarindap210995@gmail.com)



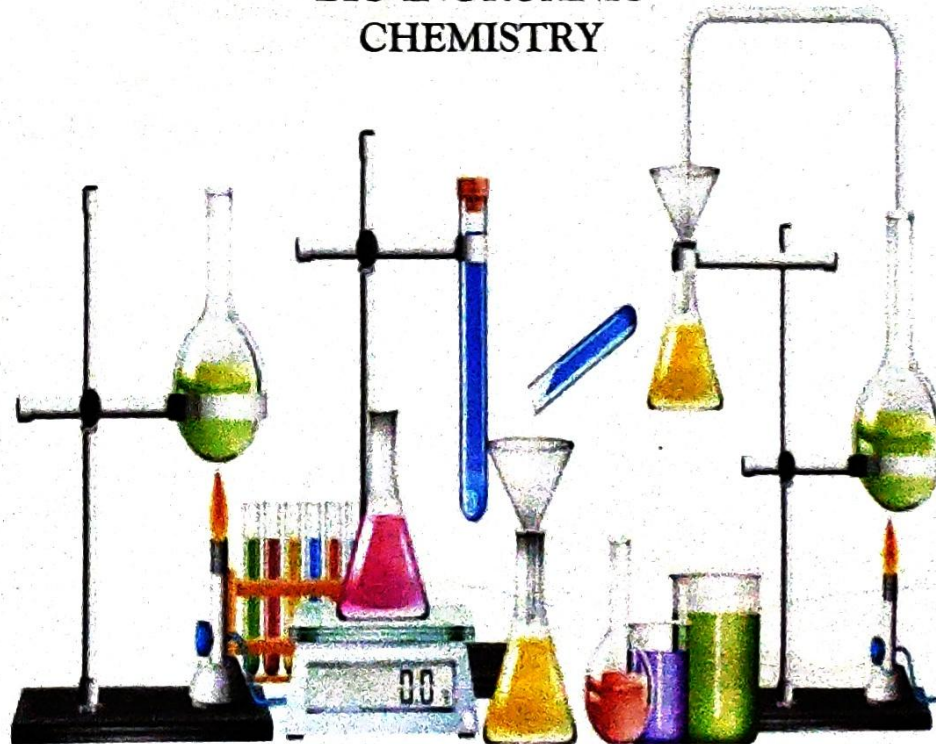
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## **ARTS, COMMERCE AND SCIENCE COLLEGE, KHAREPATAN**

**DEPARTMENT OF CHEMISTRY**

**2022-23**

**BIO INORGANIC  
CHEMISTRY**



## Introduction

**Bioinorganic chemistry** is a field that examines the role of **metals in biology**. Bioinorganic chemistry includes the study of both natural phenomena such as the behavior of **metalloproteins** as well as artificially introduced metals, including those that are **non-essential**, in **medicine and toxicology**. Many **biological processes** such as **respiration** depend upon molecules that fall within the realm of **inorganic chemistry**. The discipline also includes the study of **inorganic models** or **mimics** that imitate the behaviour of metalloproteins.

As a mix of **biochemistry** and **inorganic chemistry**, bioinorganic chemistry is important in elucidating the implications of electron-transfer **proteins**, substrate bindings and activation, atom and group transfer chemistry as well as metal properties in biological chemistry. The successful development of truly interdisciplinary work is necessary to advance bioinorganic chemistry.

## Outcomes

- Recognize how the fundamental principles of inorganic chemistry apply to bioinorganic systems.
- Appreciate how Nature acquires and places trace elements for use in life processes.
- Understand the application of specialized methods used to study bioinorganic molecules.





## **SYLLABUS:**

### **A) Introduction:**

**15**

What Bioinorganic Chemistry? General terms, how and why does nature select inorganic elements? Inorganic Elements and evolution. Material: slides + Bertini, chapters I and II; tutorial I Objectives: answer, why and how nature selects specific elements

B) Basic biological Coordination Chemistry. Kinetic and spectroscopic characteristics of bioinorganic systems. Material: slides + Bertini, chapters III and IV; tutorial II Objectives: apply coordination chemistry of non-redox active metal centers to biological complexes.

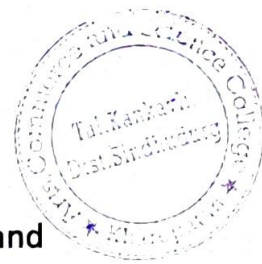
C) Stroll through the periodic system. Systematic overview over tasks and examples of inorganic elements in biology Material: slides Objectives: explain, why nature selects specific elements for specific tasks B) Non-redox active metals

D) Ion transport: membranes, energy, channels, pumps Material: slides + Bertini, chapters V Objectives: comprehend and discriminate the different mechanism developed to cross cellular boards

**15**

E) Biomineralization: the hard part of bioinorganic chemistry Material: slides + Bertini, chapters VI Objectives: know the nature and function of different bio-minerals and understand the mechanism of biomineralization based on principles derived from physical chemistry

F) Nanoparticles, Inorganic structural elements in proteins, RNA & DNA B.4: Lewis acid catalysis Material: slides + Bertini, chapters XIV and IX Objectives: explain applications of nanoparticles in biology, functions of



non-redox active elements for protein or DNA structure and understand enzyme mechanisms of based on Lewis acid activation C) Open shell transition metals

- G) Bioinorganic coordination chemistry II – transition metals Material: slides + Bertini, tutorial 2, second part Objectives: apply coordination chemistry of redox active metal ions to explain properties of these metal centers
- H) Electron transport in biology – iron sulfur clusters, enzymes for respiration, photosynthesis and related pathways Material: slides + Bertini chapter X Objectives: apply the Marcus theory to explain electron transport in biology
- I) Oxygen transport – metal-oxygen coordination in proteins Material: slides + Bertini chapter XI.1. and XI.4 Objectives: explain oxygen-transport using ligand field theory
- J) Oxygen activation and processing by cytochromes Material: slides + Bertini chapter XI.3, XI.6, XI.8 Objectives: comprehend and discriminate the different mechanism of enzymatic dioxygen activation using cytochromes

**Syllabus Committee:-**

- 1) Mr. S. R. Indap (Head, Department of Chemistry)

## About Course

- Life Insurance is a Contract
- Sharing of risk
- Uncertainty
- Payment of claim
- Financial discipline
- Protection to family
- Investment of savings

## Course Outcomes

- Learn about Family Protection
- Learn about Old Age Relief
- Learn about Compulsory Savings
- Learn about Provision to meet children's needs
- Learn about Provision for special needs
- Learn about Tax Relief
- Learn about Protection against creditors
- Learn about Dominant family
- Learn about Provision of repaying debts

**Course Coordinator:**  
**Mr. Munshi M.A.**



**9028828268**



**mohamedalifauzlya@gmail.com**

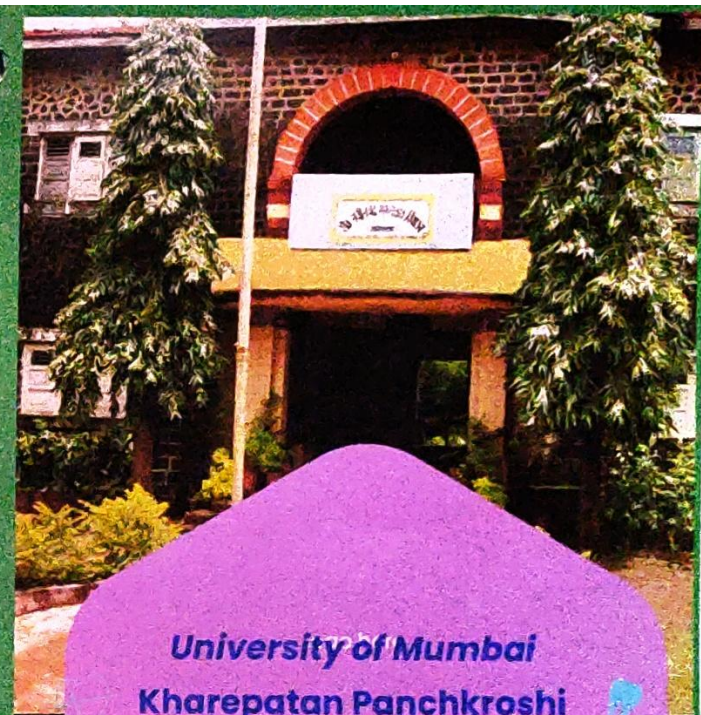
**Duration: 45 hours**

**Starting from January 2023**

**To March 2023**

**Eligibility Criteria**

**H.S.C. Passed**



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**Shikshan Prasarak**  
**Mandal's**  
**ARTS, COMMERCE AND**  
**SCIENCE COLLEGE,**  
**KHAREPATAN**

**Commerce Department**

**Certificate Courses in**  
**Life Insurance**

## About Course

- Goal Setting
- Time Management
- Effective Communication
- Stress Management
- Excellent Relationship
- Positive Attitude
- Assertive Behavior
- Enthusiasm
- Mind Management

**Duration: 60 hours**  
**Starting from January 2023**  
**To March 2023**  
**Eligibility Criteria**  
**H.S.C. Passed**

## Course Outcomes

- To develop the all-round personality of students
- To make the student aware of the importance, the role and the content of personality development through instructions, knowledge acquisition, demonstration and practice
- To develop and nurture the personality development of the students through individual and group activities
- To expose students to right attitudinal and behavioral aspects, and to build the same through activities.

## CONTACT US

**Course Coordinator:**  
**Mr. Munshi M.A.**



9028828288



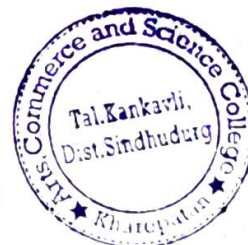
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**Shikshan Prasarak**  
**Mandal's**  
**ARTS, COMMERCE AND**  
**SCIENCE COLLEGE,**  
**KHAREPATAN**

**Commerce Department**

**Certificate Courses in**  
**Personality Development**



## DISTRIBUTION OF LECTURES

**Total Lectures = 60**

<b>Sr. No.</b>	<b>PARTICULARS</b>	<b>NO. OF LECTURES</b>
<b>1</b>	Unit –I:- GOAL SETTING	<b>05</b>
<b>2</b>	Unit –II : TIME MANAGEMENT	<b>05</b>
<b>3</b>	Unit – III: EFFECTIVE COMMUNICATION	<b>05</b>
<b>4</b>	Unit – IV: STRESS MANAGEMENT	<b>05</b>
<b>5</b>	Unit – V: EXCELLENT RELATIONSHIP	<b>05</b>
<b>6</b>	Unit – VI: POSITIVE ATTITUDE	<b>05</b>
<b>7</b>	Unit – VII: ASSERTIVE BEHAVIOR	<b>05</b>
<b>8</b>	Unit-VIII: ENTHUSIASM	<b>05</b>
<b>9</b>	Unit – IX: MIND MANAGEMENT:	<b>05</b>
<b>10</b>	<b>ACTIVITIES</b>	<b>15</b>

# **COMMERCE FACULTY**

## **SHORT TERM COURSE**

### **PERSONALITY DEVELOPMENT**



**Duration 3 months**

**Periods 60 hours**

**Class F.Y. B.Com.**

#### **LEARNING OBJECTIVES**

1. To develop the all-round personality of students
2. To make the student aware of the importance, the role and the content of personality development through instructions, knowledge acquisition, demonstration and practice.
3. To develop and nurture the personality development of the students through individual and group activities
4. To expose students to right attitudinal and behavioral aspects, and to build the same through activities.

#### **Unit I: - GOAL SETTING**

- All things are created twice first in our mind later in the physical world. The main reason behind the waste of time is not important goals in our life.
- If you do not stand for something you will fall for anything.
- If you do not have goals you are doomed to work for people with goals.

#### **Unit II: - TIME MANAGEMENT**

- Time is the one thing that all of us have given in equal amounts but often misused. It has been said that time is your life.
- If you waste your time you waste your life.
- If you do not manage your time is going to manage you.

### **Unit III: - EFFECTIVE COMMUNICATION**

- Communication is the sum of all the things that one person does when he wants to create an understanding in the mind of another. It is the bridge of meaning. It involves a systematic and continuous process of telling, listening and understanding.
- Verbal, nonverbal, group communication and public speaking

### **Unit IV: - STRESS MANAGEMENT**

- In the year 1912 Dr. Hans Seyle defined stress as the “nonspecific response of a human being to any demand made upon the body”.
- Classification of stress, acute stress, physical, mental, stress, distress.
- All the emotions work similarly on the body. Whether it is positive or negative.
- If don't manage your stress. Stress is managing you

### **Unit V: - EXCELLENT RELATIONSHIP**

We come in this world as a human being. Why can't we maintain good relation with people around us? If we start utilizing the golden principles of human relationship in our day to day life we will become like a magnet and like iron fillings around the magnet people will start gathering around you and they will fall in love with you. And by product of the people's love is success.

### **Unit VI: - POSITIVE ATTITUDE**

- Many things are happening in everyday life. Our perception towards it makes the difference. If you program your mind positively you will get positive results.
- How are you? Pessimistic or optimistic.
- Like a computer human brain also can be programmed. Use always positive language to get positive results.



### **Unit VII: - ASSERTIVE BEHAVIOR**

- Assertive behavior- To be able to talk to people honestly, openly, friendly, appropriately without feeling guilty.
- Three choices of behavior the aggressive, the passive and the assertive.
- Psychology- what is wrong with me? Is not important instant ask what can be done now to change my situation.
- This therapy which looks at the future of the man is called a “behavior therapy”.

### **Unit VIII: - ENTHUSIASM**

- All successful people are more enthusiastic and energetic than ordinary people.
- To able to motivate others into helping you first you have to motivate yourself. You have to learn the attitude of enthusiasm and energize guys others into action.
- How do you go about energizing others?

### **Unit IX: - MIND MANAGEMENT**

- The greatest thing in the world is a human brain and mind. The creator of computer and great inventions is human mind.
- How to use mind maximum potential? The concept of conscious and subconscious mind.
- Behaves like see-saw. Always conscious up during prayer, relaxation, meditation, emotions, subconscious goes up and conscious suspended. This is subconscious activation, which has several advantages.
- Memory development visualization for achieving goals, creativity and concentration.
- Neuro Logistic Programming.

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Kirti College, Tal. Karkarli, Dist. Sindhudurg, Maharashtra

## ACTIVITIES:-

- Self-introduction communication skill exercise.
- Memory improving techniques exercise with linking method. Mind management exercise.
- How to study particular subject utilizing memory techniques and mind mapping method.
- Goal setting, short term goals, long term goals, career planning. How to write it? Prioritization.
- Time management, prepare time table (schedule). How to utilize time effectively for study, sports, hobbies, adventures, and entertainment.
- Communication skills exercise with topics like happiest moment in my life, game I like the most. Public speaking exercise. How to prepare it and deliver it. (Extra focus on this unit).
- How to remember names and faces? How to maintain optimum level of stress. Relaxation exercise, creative visualization.
- Golden principles of Human Relationship. How to influence people?
- Passive, aggressive and assertive behavior. How to face criticism?
- Creativity exercise.
- Introduction of Neuro Logistic Programming

(Neuro-linguistic programming (NLP) is a psychological approach that involves analyzing strategies used by successful individuals and applying them to reach a personal goal. It relates thoughts, language, and patterns of behavior learned through experience to specific outcomes)

  
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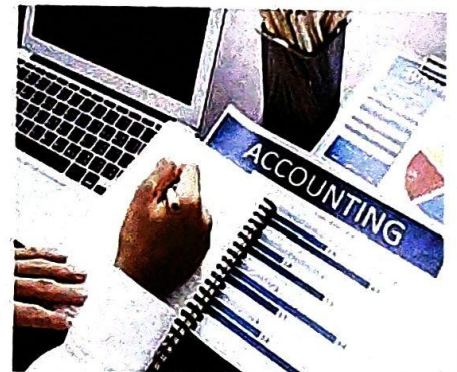
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**Internet Technologies** **2 Months**



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[www.vedantafoundation.org](http://www.vedantafoundation.org)

# **TALLY ERP 9 SYLLABUS**



## **1. Introduction**

## **2. Basic Short cut keys**

## **3. Accounting**

- Groups
- Ledgers

## **4. Accounting Vouchers & Invoices**

## **5. Other Accounting Features**

## **6. Inventory**

- Stock Groups
- Stock item & Units creation
- Stock Categories
- Godowns
- Purchase & Sales Invoice Creation
- Actual & Billed Invoice
- Discounted Bills

## **7. Inventory Vouchers**

- Stock Journals
- Physical stocks



## **8. Inventory features:**

- Purchase Orders
- Sales Order
- Tracking Notes
- Rejection inward & outward

## **9. Multi- Currency**

## **10. Non- Cash Vouchers**

## **11. Bank Reconciliation Statement (BRS)**

## **12. Payrolls & Payslips**

## **13. Taxations**

- Tax Deducted At Source (TDS)
- Tax Collected at Source (TCS)
- Goods and Services Tax (GST)

## **14. Assessment.**