



Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Tal. Rahuri, Dist. Ahmednagar- 413711
Affiliated to Savitribai Phule Pune University, Pune.

Self-Study Report: 2024 (3rd Cycle)



Criterion-1
Curricular Aspect

Key Indicator: 1.3
Curriculum Enrichment

Metric: 1.3.1 (QIM)

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Value, Environment and Sustainability in transacting the curriculum



Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BENGALURU

Index

S.N.	Particulars	Page No.
1.	<ul style="list-style-type: none">• List of Courses addresses crosscutting issues as per Syllabus• List of Value Added/ Certificate Courses addresses crosscutting issues as per Syllabus• List of Co- curricular and Extra-curricular Activities/programmes integrates Cross Cutting Issues	4-9
2.	<ul style="list-style-type: none">• Syllabus of Courses includes Crosscutting Issues	10-129
3.	<ul style="list-style-type: none">• Photographs and Reports of Co-curricular Activities	130-177



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**LIST OF THE COURSES ADDRESS
CROSSCUTTING ISSUE**

List of Courses Addresses Crosscutting Issues as per Syllabus

Sr. No.	Programme	Class	Subject/ Course	Description
Professional Ethics/ Values				
1	B. A.	S. Y. Marathi	Prakashanvyavahar V Sampadan	Professional values in Publication
2	B. Com.	F. Y. B. Com.	Value Added Course- Value Education and Employability Skill Enhancement Programme	The course is designed to inculcate the profession values. The course is accepted to acquaint students with the core value such as physical, mental and spiritual aspects of personality developing respect for the dignity of individual and society.
3	B. Com.	F. Y. B. Com.	Computer Concept & Application-I	Ethical Issues and cyber law awareness.
4	B. A.	All Second-Year students of Arts Faculty Compulsory	Value / Skill Enhancement Course SEC	This is 02 credit course of second year arts faculty students. The objective of the course is to develop various skill among the students.
5	B. Com.	S. Y. B. Com.	Elements of Company Law	Corporate Social Responsibility.
6	B. A. & B. Sc.	All Third-Year students of Arts & Science Faculty Compulsory	Value / Skill Enhancement Course SEC	This is 02 credit course of second year arts faculty students. The objective of the course is to develop various skill among the students.
7	B. Com.	T. Y. B. Com.	Business Administration- II	Advertising and Sales Promotion.
8	M. Com.	M. Com. I	Financial Management	Role of SEBI (in the view of Investor).
9	M. Com.	M. Com. I	Management Accounting	Describe concept and types of responsibility centre accounting for management.

10	M. Com.	M. Com. I	Business Administration	Students identify concept of business ethics, profession and values. Summarize concept of Corporate Social Responsibility
Gender				
1	B. A.	F. Y. Hindi	Vaiklpik Hindi Sahityavividha -Katha	Discussion on Suppression of women in male dominated society
2	B. A.	S. Y. Marathi	Madhyayuginn Marathi sahitya Nivdak Madha Yugin Gadya Padya	Medieval Marathi Literature shows the life values like equality and humanity.
3	B. A.	S. Y. Hindi	Hockey Khelti Ladkiyan	Create awareness about Gender Equity
4	B. A.	S. Y. English	Discipline Specific Course (DSE-1A)	Gender Sensitivity
5	B. A.	S. Y. Political Science	Introduction To Political Ideologies	Meaning, nature of feminism Feminism in India
6	B. A.	T. Y. English	Compulsory English (2013 & 2019 Pattern)	Gender Sensitivity
7	B. A.	T. Y. English	DSE 1C,1D: Appreciating Novel (Pattern 2019)	Themes like equality, fraternity, freedom, nature, human emotions, honesty and cooperation are discussed in
Human Values				
1	All B. A., B. Com. & B. Sc.	All First Year Students Course Compulsory	Democracy election and governance	This Course deals with Sovereignty, Rights, and Duties, Liberty, Equality, Kinds of Government, Democracy, Constitution of India, State Legislature, and Union Executive.
2	B. A.	F. Y. B. A. English	Compulsory English	Changing human values.

3	B. A.	F. Y. B. A. History	Early India: From Prehistory to the Age of the Mauryas	Interdisciplinary approach, Patriotism, Inspiration.
4	B. A.	S. Y. B. A. Political Science	Introduction To Political Ideologies	Students aware the Indian nationalism, Democracy and Thoughts of Mahatma Gandhi, Jyotiba Phule. Dr. B. Ambedkar
5	B. A.	S. Y. B. A. Marathi	Aadhunik Marathi sahitya	Describes the life values such as humanity, fraternity, love
6	B. A.	S. Y. B. A. History	History Of Maratha's 1630-1707	Patriotism, Inspiration
7	B. A.	T. Y. B. A. English	Compulsory English	Changing human values
8	B. A.	T. Y. B. A. Marathi	Madhyayuginn Marathi Vangmayacha Sthul Itihas	Universal fraternity, compassion, love and truth are seen in the philosophy of Mahanubhav and Warkari sect
9	B. A.	T. Y. B. A. History	Indian National Movement	It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students
10	B. A., B. Com., B. Sc., M. Com & M. Sc.	All First Year Students Course Compulsory	Introduction to Constitution	To introduce the students meaning of democracy and the role of the governance
11	M. Com. & M. Sc.	All Course Compulsory	Introduction to Human Right and Duties	Human right education is mandatory credit course to the students pursuing master degree. It creates awareness among the students about their inalienable fundamental right.

13	M. Com.	M. Com. I	Human Resource Management	This content deals with purpose of Training, Importance, Benefits, Training Process and Methodology.
Environment and Sustainability				
1	B. A.	F. Y. Geography	Physical Geography & Human Geography	Students aware regarding Environmental issues and its causes & effects
2	B. A.	S. Y. Geography	Environmental Geography	Students aware regarding Environment, Types Ecosystem Biodiversity values, Environmental Pollution
3	B. Sc.	F. Y. Zoology	Animal Diversity	This course gives knowledge of animal diversity on the globe and the way of its conservation
4	B. Sc.	S. Y. Botany	Plant life and utilization I & II	Students get general information of plant kingdom/ Diversity
5	B. Sc.	S. Y. Zoology	General Features of kingdom Animalia	The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.
6	UG	This course is compulsory for the second year	Environmental Studies	This course deals with the environmental sustainability
7	B. Sc.	T. Y. Chemistry	Environmental Chemistry	This course gives the importance and conservation of environment.

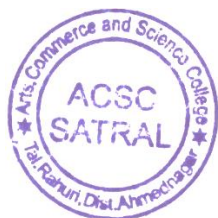
2. List of Certificate/ Value added Courses Addresses Crosscutting Issues as per Syllabus

Sr. No.	Department	Name of the Certificate Course	Addresses issue (Professional Ethics, Gender, Human Values, Environmental and Sustainability)
1	Marathi	Interview Technique	Professional Ethics Human Values
2	Hindi	Hindi Translation	Professional Ethics, Human Values
3	English	Communication Skill	Professional Ethics, Human Values
4	History	Modi Script	Professional Ethics, Human Values
5	Political Science	Human Right	Human Values
6	Chemistry	Sanitizers and Disinfectants	Human Values
7	Zoology	Vermicompost Technology	Human Values, Environment Sustainability
8	Physics	House Hold Wiring & LED Decoration	Environment Sustainability
9	Commerce	Certificate Course in Tally ERP 9.0	Professional Ethics, Human Values
10	English	Value added Course in Spoken English	Professional Ethics

3. List of Co-curricular and Extra-curricular Activities/programmes integrates Cross Cutting Issues

Sr. No	Cross cutting Issues	Name o the Department/Cell	Name of the Activity /Program
1	Gender	Women Empowerment Cell, N.S.S. unit	<ul style="list-style-type: none"> • Celebration of International Women's Day lecture on Gender Women Empowerment (2018-2019) • Women Heath Awareness Program • Nirbhaya Kanya Abhiyan - Self Defense Program (2018-2019, 2022-23) • <i>Mata Aaplya Dari</i> (2018-2019) • Awareness of menstrual Hygiene among the Teenagers-(2019-20) • Awareness of Internal Hygiene by showing "Pad Man" Movie-(2019-20) • A guest lecture on gender equity-(2019-20) • Ecofriendly Rangoli competition on Gender equity-(2019-20) • Gender Sensitivity Awareness Lecture (2020-21) • Celebration of International Women's Day- Lecture on Laws Related to Women's Rights and its Implications (2021-2022) • Health care and Health Hygiene Programme for girl's student (2022-23) • Celebration of International Women's Day- Rally for welcome to Girl Child (2022-23)

2	Human Values	Women Empowerment Cell, N.S.S., Student Development Department	<ul style="list-style-type: none"> • Hemoglobin (HB) Checking Camp -(2018-2019,2021-22) • Blood Donation Camp (2020-21) • Immunity and COVID-19 Awareness Program (2020-21) • Celebration of National Voter's Day (2021-22) • AIDS Awareness Program (2022-23) • Constitution Day (2020-21, 2022-23)
3	Environment and Sustainability		<ul style="list-style-type: none"> • Vaari Abhiyaan Apati Vyavasthapan (2019-20). • Awareness of Renewable Energy Sources (2021-22) • Tree plantation • Awareness of Farmers for Soil Structure and crops pattern (2019-20) • Jal Shakti Abhiyan program on occasion of College Campus Day




Principal
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Crosscutting Issue: Professional Ethics

Syllabus

Programme Name: B. A. Marathi
Course Name: Prakashanvyavahar V Sampadan

Class: S. Y. B. A.
Course Code: SEC 2A (2)

द्वितीय वर्ष कला (S. Y. B. A.)

कौशल्याधिष्ठित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

प्रकाशनव्यवहार आणि संपादन [SEC 2 A (2)]

अभ्यासक्रमाची उद्दिष्टे :

१. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे.
२. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे.
३. प्रकाशनव्यवहार आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे.
४. प्रकाशन संस्था, जाहिरात संस्था, छापखाने, वृत्तपत्र कार्यालये, वितरण संस्था, ग्रंथ विक्री दुकाने, फ्लेक्स निर्मिती केंद्र, वार्ताहर यांना भेटी देऊन प्रशिक्षण घेणे.

घटक	तपशील	श्रेयांक	तासिका
१	प्रकाशन संस्था : स्वरूप, कार्यप्रणाली, कॉपीराईट कायद्याची तोंडओळख, ग्रंथविक्री, वितरण, जाहिरात, वाचकसंवाद.		
१	ग्रंथनिर्मिती प्रक्रिया, ग्रंथ प्रकार : ललित, माहितीपर, शास्त्रीय, संदर्भग्रंथ इ.; ग्रंथनिर्मिती : संहिता संपादन, संपादकीय संस्कार, लेखक संवाद, मुखपृष्ठ, मुद्रणप्रत, छपाई, ग्रंथ बांधणी.	१	१५
२	मुद्रितशोधन : लेखनविषयक नियम, मुद्रितशोधन खुणा, विरामचिन्हे, अवतरणे, संक्षेप, मजकुराची मांडणी, चित्र रेखाटन योजना, सूची, संदर्भग्रंथसूची, परिशिष्टे, दर्शनीय स्वरूप, आकार.	१	१५

संदर्भ ग्रंथ :

१. पॉप्युलर रीतिपुस्तक, रामदास भटकळ, मृदुला जोशी
२. सुगम मराठी व्याकरण व लेखन - मो.रा. वाळंबे
३. मराठीचे व्याकरण, डॉ. लीला गोविलकर
४. मराठी लेखन मार्गदर्शिका, यास्मिन शेख
५. मुद्रित-शोधन, य. ए. धायगुडे
६. शुद्ध शब्दकोश, डॉ. स्नेहल तावरे
७. मराठी शुद्धलेखन नियमावली, डॉ. स्नेहल तावरे
८. मराठी लेखन कोश, अरुण फडके
९. शुद्धलेखन मार्गप्रदीप, अरुण फडके
१०. उपयोजित मराठी, संपादक डॉ. केतकी मोडक, संतोष शेणई, सुजाता शेणई

Syllabus

Programme Name: B. Com.
Course Name: Value Education

Class: F. Y. B. Com.

Value added course for F.Y.B. Com. Under Choice Based Credit System w.e.f. academic year 2019-20

Savitribai Phule Pune University has introduced Choice Based Credit System from the academic year 2019-20.

Students need to earn two credits during first and second semester through completion of two value added courses, i.e. one course for each semester.

Guidelines for value added courses :

1. One value added course each is to be conducted for semester – I and semester – II.
2. Completion of the course is compulsory.
3. Each course will be of 15 (Fifteen) hours and of 30 marks.
4. The course contents may be delivered by the teachers or experts from external agencies as per the requirement; **however, the evaluation must be carried out by the college.**
5. Colleges need to maintain proper records of the course, which consist of attendance of students, nature of assignments and the statement of marks.
6. The credits earned by the students need to be shown in the semester end mark sheet.
7. The evaluation of value added courses may be conducted by adopting any of the following method, suitable to the course:-
 - a. Written test (Objective or descriptive)
 - b. Practical examination
 - c. Laboratory work
 - d. Project
 - e. Presentations
8. **A list of five value added courses is given below; colleges need to choose any two courses; each for a semester.**

Course No. 5 – Value Education

Objectives of the course:

The course is designed to inculcate the values which are an utmost need of the hour to overcome various challenges. The students will learn to adopt and implement the suitable values at appropriate time, understand various challenges in value adoption in this contemporary world, use the 'Reflection method' to explore values from inside out.

The course is expected to acquaint students with the core values such as physical, mental and spiritual aspects of personality, developing respect for the dignity of individual and the society, inculcation of spirit of patriotism and national integrity and developing tolerance towards understanding of different religious faiths as well. The course will help students to be a better human being and a strong pillar of society.

Course Contents :-

1. Values for excellence in life :

Developing Values, Personal Values, Family Values, Professional Values.

2. Life Skills :

Motivational Skills, Communication Skills, Life style modification, Accessibility and Addiction, Environmental Awareness.

3. Spiritual Education :

Different schools of meditation, exploring the self, universal concept of the supreme, changing the belief system, Self Esteem, Stress free living.

Methods of Instruction

- Lecture
- Class discussion
- Role plays
- Guest speakers
- Written assignments
- Videos

Certification :

The college needs to provide 'Course Completion Certificate' to every student who completes the course successfully. The certificate must contain the grade obtained by the student in the examination.

Syllabus

Programme Name: B. Com.

Course Name: Computer Concept and Application-I

Class: F. Y. B. Com.

Course Code: 114(B)

Revised syllabi (2019Pattern) for three years F.Y. B. Com. Degree course (CBCS)

Semester: I

Computer Concepts and Application - I

Course Code – 114 (B)

No. of Credits :- 03

Objective:

1. To make the students familiar with Computer environment.
2. To make the students familiar with the basics of Operating System and business communication tools.
3. To make the students familiar with basics of Network, Internet and related concepts.
4. To make awareness among students about applications of Internet in Commerce.
5. To enable make awareness among students about e-commerce and M commerce.

Unit 1 Introduction to Computer and Operating system

[12]

Introduction to Computer

Definition, Block Diagram, Computer Hierarchy, (Classification),
Characteristics of Computer

Computer System Hardware

Computer Memory
Input and Output Devices

Definition – Software

Software Types - System Software, Application Software

Definition of Operating System

Types of Operating Systems,
Functions of Operating Systems

Working with Windows Operating System:

Introduction, The Desktop, Structure of Windows, Windows Explorer, File and Folder Operations, The Search, The Recycle Bin, Adding or Removing New Programs using, Control Panel, Applications in windows (Paint, Notepad, WordPad, and Calculator)

Introduction to Free and Open Source Software

Definition of Computer Virus, Types of Viruses, Use of Antivirus software.

Unit 2 Office automation tools

[12]

Definition of Information Technology (IT)
Benefits of Information Technology (IT)
Applications of Information Technology (IT)

Office automation tools

MS-Word: Introduction, Starting MS-Word, MS-Word Screen and its Components, Elementary Working with MS-Word

MS-Excel: Introduction, Starting MS-Excel, Basics of Spread sheet, MS-Excel Screen and Its Components, Elementary Working with MS-Excel

MS-PowerPoint: Introduction, Starting MS-PowerPoint, Basics of PowerPoint, MS-PowerPoint Screen and Its Components, Elementary Working with MS PowerPoint

Data Processing: Files and Records, File Organization (Sequential, Direct/Random, Index)

Unit 3 Introduction to Computer Network

[12]

Introduction
Importance of Networking
Computer Network (LAN, WAN, MAN)

Network Components (Hub, Switch, Bridge, Gateway, Router, Modem)

SPPU/ B.Com. Structure/CBCS/ 2019-20 onwards

Page 31

Network Topology, Wireless Network
Internet and Internet application
Introduction, Internet evolution, Working of Internet, Use of Internet

Overview of World Wide Web (Web Server and Client)
Introduction to Search engine and Searching the Web, Downloading files, Introduction to Web Browsers, Working with E-mail (creation and use of the same)

Introduction to Internet Security
Security, Privacy, Ethical Issues & Cyber Law

Unit 4 Computer applications in Commerce

[12]

Computer Applications in Business – Need and Scope

Computer Applications in various fields of Commerce:
Personnel Administration, Accounting, Cost and Budgetary Management, Purchasing, Banking, Insurance and Stock-broking, e-governance

E-Commerce

Defining e-Commerce, Main Activities of Electronic Commerce, Benefits of E-Commerce; Broad Goals of Electronic Commerce; Main Components of E-Commerce; Functions of Electronic Commerce – Communication, Process Management, Service Management, Transaction Capabilities;

SPPU/ B.Com. Structure/CBCS/ 2019-20 onwards

Page 32

Syllabus

Programme Name: B. A. English
Course Name: Skill Enhancement Course

Class: S. Y. B. A.
Course Code: SEC-1A

S. Y. B. A.

Skill Enhancement Course-SEC-1A

(Old General English-G-2)

(Choice Based Credit System-70:30-Pattern)

(w. e. f- 2020-2021)

(03 Credit Course)

Title of the Paper: Advanced Study of English Language

Prescribed Text: *Linguistics: An Introduction-* (Ed. Board of Editors, Orient BlackSwan)

Preamble:

Language is basically a skill-based subject. The present course is a skill enhancement course. Effective use of language involves multiple skills, namely listening, speaking, reading and writing. In order to acquire these skills and become efficient users of language our students need to be conversant with different aspects of language. Thus the students need to know phonological aspects of language like correct pronunciation, stress, tone groups, intonation patterns etc. The basics of morphology acquaint students with the structure of words and word formation processes. Morphology combined with lexical semantics contributes to the enrichment of vocabulary and helps the students to use right words in a right place in their communication. English in India is a second language and in a second language learning situation, developing insight into the process of sentence formation is very important. Syntax part of the course takes care of this crucial aspect in the development of language skills. Mere correctness of language is not enough. We have to use language appropriately in a given context. Grounding in pragmatics contributes to the language skills of students by helping them produce contextually appropriate utterances. The sociolinguistics part of the course focuses on language variation because language is not a monolithic phenomenon. Awareness of diversity in language use can make the learner a better user of language. The course thus enhances the linguistic and communicative skills of the students.

Objectives of the Course:

- a) To familiarize students with the various components of language.
- b) To develop overall linguistic competence of the students.
- c) To introduce students to some advanced areas of language study.
- d) To prepare students to go for detailed study and understanding of language.

Semester-III

Course Content-

1. Phonetics and Phonology part from- **Linguistics: An Introduction**
2. Morphology part from- **Linguistics: An Introduction**

3. Sociolinguistics part from- **Linguistics: An Introduction**

(Following topics from **chapter – 1, 2, 3 and 4 of the prescribed book**)

1. Phonology:

15 Clock Hours

1. Organs of speech, speech mechanisms,
2. Description and classification of consonants and vowels,
3. Concept of syllable,
4. Word accent, sentence accent,
5. Tone groups, placement of nuclear/tonic accent,
6. Concept of intonation, uses/types of tones

2. Morphology:

15 Clock Hours

1. What is morphology?
2. Concept of morpheme, allomorph, zero allomorph, types of morphemes (free and - bound), Prefixes and Suffixes (class-changing and class-maintaining),
3. Inflectional and Derivational suffixes, borrowings

3. Sociolinguistics:

15 Clock Hours

1. National varieties of English: British, American and Indian
2. Regional and social dialects, standard dialect, concept of register, formal and informal styles
3. Pidgins and Creoles, code-switching and code mixing

Semester-IV

Prescribed Text: *Linguistics: An Introduction-* (Ed. Board of Editors, Orient BlackSwan

Course Content-

1. Syntax part from- **Linguistics: An Introduction**
2. Semantics part from- **Linguistics: An Introduction**
3. Pragmatics part from- **Linguistics: An Introduction**

(Following topics from **chapter – 5, 6 and 7 of the prescribed book**)

1. Syntax:

15 Clock Hours

1. Concept of Phrase, Phrase structure rules/ types of Phrases: Noun phrase, Adjective phrase, Adverb phrase, Prepositional phrase and Verb phrase.
2. Concept of Clause, Parts of Clauses: Subjects and objects, complements and Adverbials, Concept of Subject –verb Concord, Clause patterns.
3. Types of Sentences: Structural Classification - Simple Sentence, Compound Sentence and Complex sentence
4. Types of Sentences: Functional Classification - (affirmatives/interrogatives/imperatives) Wh –questions, Yes-No Questions, Tag

Questions, Negative Sentences, Do-support, Imperatives

2. Semantics: (Introductory)

15 Clock Hours

1. What is Semantics? Difference between Denotative and Connotative meaning.
2. Lexical relations: Synonymy, Antonymy, Homonymy, Homography and Homophony, Polysemy, Difference between Homonymy and Polysemy, Superordinate terms and Hyponymy, Metonymy.

3. Pragmatics: (Introductory)

15 Clock Hours

1. What is Pragmatics?
2. Speech Acts: Types
 - a. Austin's typology - locutionary, illocutionary, perlocutionary.
 - b. Searle's typology – the six types
 - c. Direct and Indirect Speech Acts
3. The Co-operative Principle and Its Maxims
4. The Politeness Principle and Its Maxims

- As indicated in the CBCS (Choice Based Credit System) Restructured Programme of Savitribai Phule Pune University at undergraduate level to be introduced from the academic year 2019-20, this subject SEC (old-G-2-General English), like other subjects under B.A. Degree Course, shall have 70 +30 pattern. There will be written examination of 70 marks of 3 hrs duration for this subject at the end of each semester. The class work (internal evaluation) shall carry 30 marks. Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation.

Reference Books:

1. Study of Language: An Introduction – George Yule, (CUP, 1985)
2. English Grammar for Today: A New Introduction – Margaret Deuchar, Geoffrey Leech, Robert Hoogenraad (Palgrave Macmillan, 1982)
3. Semantics – F.R. Palmer (CUP, 1981)
4. Pragmatics - George Yule, (OUP, 2000)
5. Modern Linguistics: An Introduction - Verma and Krishnaswamy (OUP, 1989)
6. Pragmatics and Discourse: A Resource Book for Students - Joan Cutting, (Routledge, 2002)
7. Structure and Meaning in English – Graeme Kennedy (Pearson, 2011)
8. Making Sense of English: A Textbook of Sounds, Words and Grammar – M.A. Yadugiri (New Delhi: Viva Books Pvt. Ltd., 2006)

(S.Y.B.A)

Skill Enhancement Course-(SEC-2A)
(w.e.f-2020- 2021)

“Mastering Communication Skills”

[Two Credit Course (2x15=30 Hours)]

Objectives:

1. Enhancing the skill of using English for everyday communication
2. To acquaint the students with the verbal and nonverbal communication
3. To create opportunities to access exposure of speaking in various contexts
4. To acquaint and familiarize the students with soft skills
5. To develop interest among the students to interact in English

Suggestions to Teachers:

1. It is a learner-centric course.
2. The course aims at developing skill among the students.
3. Learning can be facilitated through interactive and informal guiding sessions.
4. Participation and up-gradation of the students' performance needs to be encouraged.
5. Practicals, Exercises, Activity monitoring, Projects, Seminars, Presentations, Group Discussions are some of the activities that the teachers are expected to encourage.
6. Relevant and innovative ideas of both the students and the teachers are always appreciable for a successful completion of this course
7. The concerned faculty/teachers have to maintain the record of the students (Given in the Evaluation pattern) as the credits to the students need to be given on the basis of preserved record.

SEMESTER-III

Course content:

- A) Introducing Yourself and Others
- B) Joining and Leaving Conversation
- C) Accepting/Declining Invitations
- D) Asking/Giving/Refusing Permission
- E) Digital Literacy for effective communication
- F) Project Presentation

SEMESTER-IV

Course content:

- A) Asking/Giving/Refusing Information
 - B) Agreeing/Partial Agreeing/Disagreeing
 - C) Complaining and Apologizing
 - D) Vocabulary Building
 - E) Delivering a Speech
 - F) CALL and MALL for effective communication (CALL-Computer-assisted Language Learning & MALL- Mobile-assisted Language Learning)
-

EVALUATION PATTERN

At the end of both the semesters, an activity-based evaluation of the skill development is to be conducted using ANY ONE of the following evaluation modes.

1. Submission of a Project
2. Seminar
3. Group Discussion
4. Mock Interviews
5. Presentations
6. Any other mode of evaluation relevant to the course contents

Syllabus

Programme Name: B. A. Marathi
Course Name: Skill Enhancement Course

Class: S. Y. B. A.
Course Code: SEC-2A (2)



सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

मराठी विषयाचा पुनर्रचित अभ्यासक्रम- जून २०२० पासून

द्वितीय वर्ष कला (S. Y. B. A.) मराठी

निवड आधारित श्रेयांक पद्धत

Choice Based Credit System [CBCS]

सत्र	विषयाचे नाव	संकेतांक	पूर्वीचे नाव
पहिले	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कादंबरी	[CC - 1 C (3)]	नियमित अभ्यासक्रम
दुसरे	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : ललितगद्य	[CC - 1 D (3)]	G2
पहिले	व्यावहारिक व उपयोजित मराठी - भाग ३	[CC - 1 C (3)]	पर्यायी अभ्यासक्रम
दुसरे	व्यावहारिक व उपयोजित मराठी - भाग ४	[CC - 1 D (3)]	G2
पहिले	आधुनिक मराठी साहित्य : प्रकाशवाटा	[DSE 1 A (3)]	S1
दुसरे	मध्ययुगीन मराठी साहित्य : निवडक मध्ययुगीन गद्य, पद्य	[DSE 2 A (3)]	
पहिले	साहित्यविचार	[DSE 1 B (3)]	S2
दुसरे	साहित्य समीक्षा	[DSE 2 B (3)]	
पहिले	प्रकाशनव्यवहार आणि संपादन	SEC 2 A (2)	DSE विषयाची निगडीत अनिवार्य
दुसरे	उपयोजित लेखनकौशल्ये	SEC 2 B (2)	

द्वितीय वर्ष कला (S. Y. B. A.)

कौशल्याधिष्ठित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

प्रकाशनव्यवहार आणि संपादन [SEC 2 A (2)]

अभ्यासक्रमाची उद्दिष्टे :

१. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे.
२. प्रकाशनव्यवहार आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे.
३. प्रकाशनव्यवहार आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे.
४. प्रकाशन संस्था, जाहिरात संस्था, छापखाने, वृत्तपत्र कार्यालये, वितरण संस्था, ग्रंथ विक्री दुकाने, फ्लेक्स निर्मिती केंद्र, वार्ताहर यांना भेटी देऊन प्रशिक्षण घेणे.

घटक	तपशील	श्रेयांक	तासिका
१	प्रकाशन संस्था : स्वरूप, कार्यप्रणाली, कॉपीराईट कायद्याची तोंडओळख, ग्रंथविक्री, वितरण, जाहिरात, वाचकसंवाद.		
१	ग्रंथनिर्मिती प्रक्रिया, ग्रंथ प्रकार : ललित, माहितीपर, शास्त्रीय, संदर्भग्रंथ इ.; ग्रंथनिर्मिती : संहिता संपादन, संपादकीय संस्कार, लेखक संवाद, मुखपृष्ठ, मुद्रणप्रत, छपाई, ग्रंथ बांधणी.	१	१५
२	मुद्रितशोधन : लेखनविषयक नियम, मुद्रितशोधन खुणा, विरामचिन्हे, अवतरणे, संक्षेप, मजकुराची मांडणी, चित्र रेखाटन योजना, सूची, संदर्भग्रंथसूची, परिशिष्टे, दर्शनीय स्वरूप, आकार.	१	१५

संदर्भ ग्रंथ :

१. पॉप्युलर रीतिपुस्तक, रामदास भटकळ, मृदुला जोशी
२. सुगम मराठी व्याकरण व लेखन - मो.रा. वाळंबे
३. मराठीचे व्याकरण, डॉ. लीला गोविलकर
४. मराठी लेखन मार्गदर्शिका, यास्मिन शेख
५. मुद्रित-शोधन, य. ए. धायगुडे
६. शुद्ध शब्दकोश, डॉ. स्नेहल तावरे
७. मराठी शुद्धलेखन नियमावली, डॉ. स्नेहल तावरे
८. मराठी लेखन कोश, अरुण फडके
९. शुद्धलेखन मार्गप्रदीप, अरुण फडके
१०. उपयोजित मराठी, संपादक डॉ. केतकी मोडक, संतोष शेणई, सुजाता शेणई

Syllabus

Programme Name: B. A. Hindi
Course Name: Skill Enhancement Course

Class: S. Y. B. A.
Course Code: SEC-2A

बी. ए. द्वितीय वर्ष कला (शैक्षिक वर्ष 2020-2021 से)

तृतीय अयन (Third Semester)

पाठ्यचर्या : SEC-2A अनुवाद स्वरूप एवं व्यवहार

2 कर्मांक (Credit)

उद्देश्य :

1. अनुवाद कौशल से छात्रों को अवगत कराना।
2. अनुवाद का स्वरूप समझाना।
3. अनुवाद क्षेत्र से परिचय कराना।
4. हिंदी से मराठी में प्रत्यक्ष अनुवाद कार्य कराना।
5. अंग्रेजी से हिंदी, मराठी में अनुवाद कौशल का विकास कराना।

इकाई	पाठ्यविषय	तासिकाएँ
इकाई- I	1. अनुवाद : परिभाषा एवं स्वरूप 2. अनुवाद : प्रक्रिया के सोपान 3. अनुवाद : सहायक सामग्री 4. अनुवाद : अनुवादक के गुण	15 तासिकाएँ
इकाई- II	1. अनुवाद : प्रत्यक्ष व्यवहार 2. मराठी वाक्यों का हिंदी अनुवाद। 3. अंग्रेजी वाक्यों का हिंदी अनुवाद। 4. मराठी परिच्छेद का हिंदी अनुवाद। 5. अंग्रेजी परिच्छेद का हिंदी अनुवाद।	15 तासिकाएँ

संदर्भ ग्रंथ :

1. अनुवाद की रूपरेखा - डॉ. सुरेश कुमार
2. अनुवाद कला - भोलानाथ तिवारी
3. अनुवाद की प्रक्रिया तकनीक और समस्याएँ - डॉ. श्रीनारायण समीर
4. अनुवाद और अनुप्रयोग - डॉ. दिनेश चमोला
5. अनुवाद के भाषिक पक्ष - विभा गुप्ता
6. प्रयोजनमूलक हिंदी - प्रो. माधव सोनटक्के

बी. ए. द्वितीय वर्ष कला (शैक्षिक वर्ष 2020-2021 से)

चतुर्थ अयन (Fourth Semester)

पाठ्यचर्या : SEC-2B माध्यम लेखन

2 कर्मांक (Credit)

उद्देश्य :

1. छात्रों को माध्यम लेखन से परिचित कराना।
2. सृजनात्मक लेखन कौशल विकसित कराना।
3. माध्यम लेखन से अवगत कराना।
4. श्रव्य-दृश्य माध्यमों की भाषा से अवगत कराना।

इकाई	पाठ्यविषय	तासिकाएँ
इकाई- I	माध्यम लेखन – सैद्धांतिक पक्ष 1. माध्यम का स्वरूप 2. अवधारणा 3. महत्व एवं उद्देश्य 4. माध्यम एवं विधा परिचय : i) मुद्रित माध्यम ii) श्रव्य माध्यम iii) दृश्य-श्रव्य माध्यम iv) नव-माध्यम : कंटेंट लेखन, ब्लॉग लेखन।	15 तासिकाएँ
इकाई- II	माध्यम लेखन : फीचर लेखन 1. फीचर की परिभाषा एवं अवधारणा। 2. सामग्री संकलन स्रोत। 3. फीचर के तत्व – विषय वस्तु, प्रस्तावना, शीर्षक, विवेचन, छायांकन। 4. फीचर लेखन के गुण : i) विश्वसनीयता ii) सरसता एवं सहजता iii) रोचकता एवं संक्षिप्तता iv) प्रासंगिकता v) प्रचलित शब्दावली का प्रयोग। 5. फीचर और अन्य विधा में भेद : समाचार, आलेख। 6. फीचर के विभिन्न प्रकार : समाचार फीचर, घटना परक फीचर, सांस्कृतिक फीचर, चिंतन परक फीचर, साहित्यिक फीचर, फोटो फीचर। 7. रेडियो फीचर, टेलीविजन फीचर।	15 तासिकाएँ

Syllabus

Programme Name: B. A. Economics
Course Name: Skill Enhancement Course

Class: S. Y. B. A.
Course Code: SEC-2A

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE Choice Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. Second Year Syllabus

Semester Pattern Effective from 2020-21

Subject: **Economics**

Semester	Core Course	Paper No	Name of Paper	Lectures / week	Total No. of Lectures	CA Marks	ESE Marks	Total	Credits
Semester III	Economics DSE – 1A	S1	Micro Economics - I	4	55	30	70	100	3
	Economics DSE – 2A	S2	Macro Economics- I	4	55	30	70	100	3
	Economics CC-1C	G2	Financial System - I	4	55	30	70	100	3
	SEC-I SEC -2A		Basic Concept of Research Methodology - I	3	45	15	35	50	2
	Total				15	210	105	245	350
Semester IV	Economics DSE – 1B	S1	Micro Economics- II	4	55	30	70	100	3
	Economics DSE – 2B	S2	Macro Economics- II	4	55	30	70	100	3
	Economics CC -1D	G2	Financial System- II	4	55	30	70	100	3
	SEC-II SEC -2B		Basic Concept of Research Methodology - II	3	45	15	35	50	2
	Total				15	210	105	245	350
Grand Total (Sem. III & IV)				30	420	210	490	700	22

SEC = Skill Enhancement Course
 CC - Core Course
 CA - Continuous Assessment
 ESE -End Of Semester Examination

Savitribai Phule Pune University
Skill Enhancement Course (SEC):

SYBA (Economics)

Basic Concept of Research Methodology

Credits: 02

Periods: 45

Marks: 50

Course outline:

The course will be given in the form of lectures and practical work. Lectures will focus on research, especially with regard to sampling methods, data collection and data preparation. The course will focus on the practical implementation of diverse sample techniques. Students are expected to collect and classify the data.

Aims and objectives of course:

- To develop the understanding of the basic concept of research.
- To develop the understanding of the basic framework of sampling and data collection..
- To develop the understanding of various sampling methods and techniques.
- To identify various sources of information for data collection.
- To develop the understanding of the conducting survey on various issues.

Learning outcomes of course :

On completion of the course, the student shall be able to

- Demonstrate his/her understanding of sampling methods and the ability to use collection of data
- Identify the appropriate sample techniques for different kinds of research questions
- Identify the appropriate source of data in relation to the collection of research data.
- Able to classify and present the collected data in the form of graph, bar diagram, chart etc

Semester III
Skill Enhancement Course (SEC): I

SYBA (Economics) - SEC -2A
Basic Concept of Research Methodology

Unit	Name and Contents	Number of Lectures
Unit 1	Introduction Of Research	10
1.1	Meaning and Definition of Research	
1.2	Types Of Research i)Basic or Pure or Fundamental Research ii)Applied Research iii)Action Research	
1.3	Importance Of Economics Research	
Unit 2	Research Design	10
2.1	Meaning of Research Design	
2.2	Need of Research Design	
2.3	Types of Research Design i)Exploratory Design ii)Descriptive Design iii)Experimental Design	
2.4	Concepts of Hypothesis and Importance	
Unit 3	Data Collection	10
3.1	Meanings and Definition of Data Collection	
3.2	Primary Data	
3.3	Secondary Data Sources	
SKILL DEVELOPMENT ACTIVITIES	SKILL DEVELOPMENT ACTIVITIES Continuous Assessment - (C. A.): To compete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks	15
SEMESTER- IV SEC -2B - Skill Enhancement Course (SEC)-II		
Unit 1	Data Analysis	8
1.1	Meaning and Definition of Data Analysis	
1.2	Nature And Importance	
1.3	1.3.1 Graphs	
	1.3.2 Tabulations	

Unit 2	Measures of Central Tendencies	8
2.1	Definition of Mean	
2.2	Definition of Medium	
2.3	Definition of Mode	
2.4	Meaning of Dispersion Definition -Range, Median Deviation, Quartile Derivation, Standard Derivation	
2.5	Concept of Percentages	
2.6	Concepts:- i) Frequency Distribution ii) Cumulative Frequency iii) Class Boundaries iv) Midpoint v) Class Width	
Unit 3	Research Report	14
3.1	Meanings And Objective of Research Report	
3.2	Concepts Of Case Study	
3.3	Characteristics of Good Research Report Writing	
3.4	Objective of Research Report	
3.5	Types Of Research Report	
3.6	Concepts of i) Appendices ii) Review Of Literature iii) Bibliography And References iv) Recommendation v) Hypothesis Testing	
SKILL DEVELOPMENT ACTIVITIES	SKILL DEVELOPMENT ACTIVITIES Continuous Assessment - (C. A.): To compete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks	15

Recommended Books:

1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.
2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).
3. Cochran, William, G. (2008), Sampling Techniques, Third Edition, Wiley-India, ISBN 978 -81-265-1524-0.Reprint: 2008.
4. Bethlehem, J. (2009), Applied Survey Methods: A Statistical Perspective, Wiley.
5. Khandare V.B. and S.Yadav (2015) ,Statistical Methods,Chinmay Publication,Aurangabad.

Syllabus

Programme Name: B. A. Geography
Course Name: Skill Enhancement Course

Class: S. Y. B. A.
Course Code: SEC-2A

CBSE: 2020-21

S.Y.B.A.

Geography

- Pandey, J. and Pathak D. (2015): Geographic Information System, TERI Press, The Energy and Resources Institute, New Delhi.
- Paul, A. L., Michel, F. G., Maguire, D. J. and Rhind, D.W. (2002): Introduction to Geographic Information Systems and Science, John Wiley and Sons Ltd.

S.Y.B.A. Geography Syllabus

Name of Subject: APPLIED COURSE OF DISASTER MANAGEMENT

Subject Code: SEC – A Semester - III

Total Credit:02,

Total Periods: 30

Objectives:

The objectives of the course are to develop following Skills among the students

- 1.To introduce basic concepts and fundamental structure of Disaster Management (DM).
- 2.To inculcate critical thinking and problem-solving abilities on disaster management.
- 3.To enable students to assess the situation and design plan for Disaster management

Unit no.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Fundamental Concepts, Measurement / Parameter and Types of Disasters	a) Disaster, Hazard, Risk, Vulnerability, Resilient b) Magnitude, Intensity, Frequency, Duration, Spatial dispersion	06	02
2	Phases of Disaster Management Role of Geographers and organizations	a) Concept: Mitigation, Preparedness, Response, Recovery, Rehabilitation. b) Role of Geographers	08	
3	Comparative Assessment of Disaster Management- I	a) Earthquake: - India and Japan b) Flood:- India and Netherland	08	
4	Assessment of Disaster Management- II	Assignment based on Primary or secondary data on any one Geographical scale- local/ regional/national/ global	08	

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012)

CBSE: 2020-21

S.Y.B.A.

Geography

2. Damon, P. Copola, (2006) Introduction to International Disaster Management, Butterworth Heineman.
3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of Environmental Knowledge, Narosa Publishing House, Delhi.
4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.
5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.
6. Dr. Mrinalini Pandey (2017) Disaster Management, Wiley India Pvt. Ltd.
7. Tushar Bhattacharya (2018) Disaster Science and Management, McGraw Hill Education (India) Pvt. Ltd.
9. Arjun Musmade, Jyotiram More (2014) Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
10. P. P. Marathe (2010), Disaster Management Concepts & Practices Diamond Publication, Pune. (Marathi)

S.Y.B.A. Geography Syllabus

Name of Subject: Introduction to Remote Sensing

Subject Code: SEC-B Semester – IV

Total Credit:02,

Total Periods: 30

Objectives:

1. To introduce the students about the basic concepts of Remote Sensing.
2. To acquaint the students with the utility of RS and its applications.
3. To inculcate the skill of satellite image interpretation among the students.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Remote Sensing	1. Concept, Definition and Types of RS 2. Development of RS in India 3. Stages in RS 4. Electromagnetic Spectrum 5. Applications of RS	07	2
2	Image Interpretation	1. Elements of Visual Image Interpretation 2. Visual Image Interpretation of Satellite Images i.e. IRS or LANDSAT	07	
3	Software based Practical	1. Image Downloading through Bhuvan/USGS 2. Layer Stacking 3. Image Enhancement 4. Image Classification - Unsupervised	16	

Course Outcomes:

Savitribai Phule Pune University

22

On successful completion of this course, the students will be able to -

- Obtain knowledge about the concepts of remote sensing.
- Acquire skills in visual interpretation of satellite images.

Reference Books:

- Anji Reddy, M. (2008): Textbook of Remote Sensing and Geographic Information System, B.S. Publication, Hyderabad.
- Bhatta B., (2011): Remote Sensing and GIS, Oxford University Press, India.
- Campbell, J. (2002): Introduction to Remote Sensing, Taylor & Francis, London.
- Cracknell, A.P. (1991): Introduction to Remote Sensing, Tylor & Francis, London.
- Gupta, R.P. (1990): Remote Sensing Geology. Springer Verlag.
- Heywood, I., Steve, C. and Cornelius, S. (2003): An Introduction to Geographical Information Systems, Pearson Education.
- Jensen, J. R. (2000): Remote Sensing of the Environment: An Earth resource Perspective, Prentice Hall.
- Jensen, J. R. (2005): Introductory Digital Image Processing, Prentice Hall, New Jersey.
- Joseph, G. (2004): Fundamentals of Remote Sensing, Universities Press, Hyderabad, India.
- Karlekar, S. (2006): Doorsamvedan - Remote Sensing (Marathi), Diamond Publications, Pune.
- Karlekar, S. (2017): Dursamvedan Aani Bhougolik Mahiti Pranali (Marathi), Diamond Publications, Pune.
- Lillesand, T. M., Kiefer, R. W. and Chipman, J. W. (2016): Remote Sensing and Image Interpretation, 6th Edition, Wiley India.
- Rao R. M. (2002): Geographical Information Systems, Rawat Publication.
- Sabins, F. F. (1996): Remote Sensing: Principles and Interpretation, W.H. Freeman and Company, San Francisco.

S.Y.B.A. Geography Syllabus

Name of Subject: APPLIED COURSE OF Travel & Tourism

Subject Code: SEC – B Semester -IV

Total Credit:02,

Total Periods: 30

Objectives

1. To develop basic framework to understand the various elements of tourism management.
2. To evaluate the role of transport in travel and tourism industry.
3. To develop the skills to arrange, manage and implement various types of tours.

Skills to be developed:

1. Students will be able to perform online as well as offline booking and cancellation procedures for different available modes of travel and tourism.
2. Students will be able to acquire earning skills in tourism industry.

Introduction to Tourism			
Unit No.	Topic	Learning Point	Periods
1	Introduction to Travel and Tourism	1.1 Basic concepts: Travel & Tourism 1.2 Types of Tourist and Tourism 1.3 Types of transportation	05
2	Local Tourism	2.1 Concept and need of local tourism 2.2 Introduction to local tourist places	05
3	Tour planning and Skill development	3.1 Basic skills: Communication, Time Management, Computer operating, online booking, Net banking, Cancellation of booking and ticket, etc. 3.2 Framing the tour plan (Itinerary): Budget (Costing), Duration, Insurance, Route and other requirements for individual, family, group and mass level tours 3.3 Promotion of tourism	10
4	Project work and Visit to tourist place	4.1 One short tour (Not more than two days duration) and Preparation of tour report.	10

Text Books:

1. Bhatia. Tourism Development (New Delhi, Sterling)
2. Seth: Tourism Management (New Delhi, Sterling)
3. Kaul: Dynamics of Tourism (New Delhi, Sterling)
4. Mill and Morrison – The Tourism system an Introductory Text (1992) Prentice Hall
5. Cooper, Fletcher, Tourism, Principles and practices (1993) Pitman
6. Burkart and Medlik Tourism, Past, Present and Future (1981) Heinemann, ELBS.
7. P.S. Gill, Dynamics of Tourism (4 Vols) Anmol Publication.
8. P.C. Sinha, Tourism Management. Anmol Publication.

References:

1. Travel Industry : Chunky Gee et-al
2. Tourism Systems - Mill and Morrison
3. Tourism Management Vol - 4 - P.C. Sinha
4. Tourism Development - R. Gartner
5. Studies in Tourism - Sagar Singh
6. Tourism: Principles and Practices - Cooper C., Fletcher J., Gilbert D and Wanhil.
7. Tourism: Principles and Practices - McIntosh , R.W.
8. Tourism : Past, Present and Future - Burkart & Medli

Syllabus

Programme Name: B. Com.
Course Name: Elements of Company Law

Class: S. Y. B. Com.
Course Code: 235

CORE COURSE – V

Subject: ELEMENTS OF COMPANY LAW

Course Code: 235

Total Credits: 03

Objectives of the Program

1. To develop general awareness of Elements of Company Law among the students.
2. To understand the Companies Act 2013 and its provisions.
3. To have a comprehensive understanding about the existing law on formation of new company in India.
4. To create awareness among the students about legal environment relating to the company law.
5. To acquaint the students on e-commerce, E governance and e-filing mechanism relating to Companies.
6. To enhance capacity of learners to seek the career opportunity in corporate sector.

Unit No	Unit Title	Contents	Skills
1.	The Companies Act, 2013: Introduction and Concept	Company and its Formation 1 Background and Features of company the Companies Act, 2013 2 Company: Meaning, Nature and Characteristics of Company. 3 Types of Companies: On the basis of mode of formation, Number of members, liability and Control, Public and Private Companies: Distinction, Advantages, Disadvantages, Privileges and their Conversion into each other. Other kinds of Companies: One Person Company, Charitable Companies, Dormant Company, Sick Company, Small Company, Listed Company, Foreign Company and its business in India etc.	Understand the concept of company and Equip the students with knowledge of nature and types of companies.

Syllabus

Programme Name: B. A. Marathi

Class: T. Y. B. A.

Course Name: Skill Enhancement Course

Course Code: SEC 2 C (2) & SEC 2 D (2)



सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

मराठी विषयाचा पुनर्रचित अभ्यासक्रम - जून २०२१ पासून

तृतीय वर्ष कला (T.Y.B.A.) मराठी

निवड आधारित श्रेयांक पद्धत

Choice Based Credit System [CBCS]

सत्र	विषयाचे नाव	संकेतांक	पूर्वाधिक नाव
पहिले	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन	[CC – 1 E (3)]	नियमित अभ्यासक्रम
दुसरे	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कविता	[CC – 1 F (3)]	G3
पहिले	व्यावहारिक व उपयोजित मराठी : भाग ५	[CC – 1 E (3)]	पर्यायी अभ्यासक्रम
दुसरे	व्यावहारिक व उपयोजित मराठी : भाग ६	[CC – 1 F (3)]	G3
पहिले	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : प्रारंभ ते इ.स. १६००	[DSE 1 C (3+1)]	S3
दुसरे	मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास : इ.स. १६०१ ते इ.स. १८१७	[DSE 1 D (3+1)]	
पहिले	वर्णनात्मक भाषाविज्ञान : भाग १	[DSE 2 C (3)+1]	S4
दुसरे	वर्णनात्मक भाषाविज्ञान : भाग २	[DSE 2 D (3)+1]	
पहिले	कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग १	[SEC 2 C (2)]	DSE विषयाची निवडित अनिवार्य
दुसरे	कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २	[SEC 2 D (2)]	

तुतीय वर्ष कला (T. Y. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग -१ [SEC 2 C (2)]

अभ्यासक्रमाची उद्दिष्टे :

१. कार्यक्रमांचे स्वरूप आणि प्रकार समजून घेणे.
२. कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे.

घटक	तपशील	श्रेयांक	तासिका
१	कार्यक्रमांचे स्वरूप आणि प्रकार १. कार्यक्रमांचे स्वरूप आणि प्रकार : भाषणे, चर्चासत्रे, परिषदा, गटचर्चा, बैठक, मेळावे, कला – सांस्कृतिक कार्यक्रम, जाहिरात, विपणनविषयक, आभासी २. कार्यक्रम संयोजनातील विविध घटक (आयोजक, प्रायोजक, जाहिरात, निवेदक) आणि त्यांचे कार्य	१	१५
२	कार्यक्रम संयोजनातील भाषिक कौशल्ये १. पूर्वतयारी २. कार्यक्रम संयोजनातील भाषेचे महत्त्व ३. कार्यक्रमाची योजना, आखणी आणि रूपरेषा १. कार्यक्रमपूर्व नियोजन २. कार्यक्रमातील विविध घटक ३. भाषेचा वापर : निवेदन, प्रास्ताविक, परिचय, स्वागत, मनोगत, आभार, सूत्रसंचालन. ४. कार्यक्रमपश्चात कामे	१	१५

दुसरे सत्र
विषयाचे नाव

कार्यक्रम संयोजनातील भाषिक कौशल्ये : भाग २ [SEC 2 D (2)]

अभ्यासक्रमाची उद्दिष्टे :

- १ कार्यक्रम संयोजनातील लेखन कौशल्ये संपादन करणे.
- २ कार्यक्रम संयोजनातील भाषिक कौशल्ये प्राप्त करणे.
- ३ आभासी कार्यक्रमांचे भाषिक कौशल्ये संयोजन करणे.

घटक	तपशील	श्रेयांक	तासिका
१	कार्यक्रम संयोजनातील लेखन कौशल्ये १ निमंत्रणपत्र व निमंत्रणपत्रिका लेखन २ कार्यक्रमपत्रिका लेखन ३ मानपत्र लेखन ४ बातमी लेखन ५ कार्यक्रम अहवाल लेखन	१	१५
२	कार्यक्रम संयोजन १ कविसंमेलन २ वाचन प्रेरणा दिन ३ मराठी भाषा पंधरवाडा ४ मराठी भाषा दिन ५ व्याख्यानमाला ६ पुस्तक प्रदर्शन आभासी कार्यक्रम संयोजन १ झूम / गुगल मिट वरील व्याख्यान २ फेसबुक व यूट्यूब वरील कार्यक्रम live करणे वा अपलोड करणे.	१	१५

संदर्भग्रंथ :

- १ व्यावहारिक मराठी, पुणे विद्यापीठ प्रकाशन.
- २ मराठी भाषेची संवाद कौशल्ये, य. च. म. मुक्त विद्यापीठ, नाशिक.
- ३ व्यक्तिमत्त्व विकासासाठी संभाषण व लेखन कौशल्ये, संपा. डॉ. पृथ्वीराज तोर, डॉ. शैलेन्द्र लेंडे, डॉ. वंदना महाजन.
- ४ व्यावहारिक व उपयोजित मराठी, संपादक संदीप सांगळे, डायमंड प्रकाशन.
- ५ कार्यक्रमाचे प्रभावी संयोजन आणि सूत्रसंचालन, जयप्रकाश बगदे, साकेत प्रकाशन
- ६ व्यावहारिक मराठी, ल. रा. नासिराबादकर, फडके प्रकाशन

Syllabus

Programme Name: B. A. Hindi
Course Name: Skill Enhancement Course

Class: T. Y. B. A.
Course Code: SEC 2 C & SEC 2 D

अनुक्रम
बी. ए. तृतीय वर्ष कला
पंचम एवं षष्ठ अयन (Fifth & Sixth Semester)
शैक्षिक वर्ष 2021-22 से

कोर्स नं.	पंचम एवं षष्ठ अयन	क्रेडिट	पृष्ठ क्रमांक
बी. ए. तृतीय वर्ष कला			
Core Course -1E (G-3)	कथेतर विद्यार्थे (पंचम अयन)	3	
Core Course -1F (G-3)	गजल विद्या और पत्राचार (षष्ठ अयन)	3	
बी. ए. तृतीय वर्ष कला – वैकल्पिक प्रयोजनमूलक हिंदी			
Core Course -1E (G-3)	प्रयोजनमूलक हिंदी : कार्यालयीन व्यवहार (पंचम अयन)	3	
Core Course -1F (G-3)	प्रयोजनमूलक हिंदी : माध्यम लेखन (षष्ठ अयन)	3	
बी. ए. तृतीय वर्ष कला (हिंदी विशेष)			
Discipline Specific Elective DSE 1 C (S3)	हिंदी साहित्य का इतिहास (आदिकाल, भक्तिकाल, रीतिकाल का सामान्य परिचय) (पंचम अयन)	3+1	
Discipline Specific Elective 2 C (S4)	भाषाविज्ञान (सामान्य परिचय) (पंचम अयन)	3+1	
Discipline Specific Elective 1 D (S3)	हिंदी साहित्य का इतिहास (आधुनिक काल सामान्य परिचय) (षष्ठ अयन)	3+1	
Discipline Specific Elective 2 D (S4)	हिंदी भाषा और उसका विकास (षष्ठ अयन)	3+1	
बी. ए. तृतीय वर्ष कला			
Skill Enhancement Course 2 C	पटकथा लेखन (पंचम अयन)	2	
Skill Enhancement Course SEC 2 D	साहित्य और फिल्मांतरण (षष्ठ अयन)	2	

बी. ए. तृतीय वर्ष कला (शैक्षिक वर्ष 2021-2022 से)

पंचम अयन (Fifth Semester)

पाठ्यचर्या : Skill Enhancement Course 2 C पाठ्यचर्या : पटकथा लेखन

2 कर्मांक (2 Credit)

उद्देश्य :

1. छात्रों को स्क्रिप्ट लेखन, अर्थ, परिभाषा से अवगत कराना।
2. छात्रों को कथा, पटकथा और संवाद से परिचित कराना।
3. छात्रों को ड्राफ्ट बनाने से परिचित कराना।

इकाई	पाठ्यविषय	तासिकाएँ
इकाई-I	पटकथा (स्क्रिप्ट) लेखन, अर्थ, परिभाषा और सामान्य परिचय। पटकथा (स्क्रिप्ट) के तीन अंग- कथा, पटकथा और संवाद। उदाहरण सहित संक्षिप्त जानकारी। तीनों की परस्परसंबंधिता और दृश्य-श्रव्य माध्यम में महत्व। पटकथा (स्क्रिप्ट) लेखन की प्रक्रिया। विचार (आइडिया) – वन लाइनर या लॉग लाइन – सारांश (शीर्षक, कथावस्तु, पात्रों की सूची।) प्लॉट बनाना – पात्रों का परिचय और उन्हें स्थापित करना, पात्रों का विकास। ड्राफ्ट बनाना – इनडोर/आउटडोर, समय, स्थान, संवाद, पात्र की क्रिया और प्रतिक्रिया।	15 तासिकाएँ
इकाई-II	दृश्य-श्रव्य माध्यम के विभिन्न प्रकारों के लिए स्क्रिप्ट लेखन। (सामान्य दिशा निर्देश) चलचित्र – टेलिफिल्म, शॉर्टफिल्म, विज्ञापन, फिल्म- वॉक थ्रू एवं अन्य – चलचित्र। शॉर्ट फिल्म के लिए स्क्रिप्ट लेखन का विशेष परिचय। पटकथा के प्रारूप और मुख्य सॉफ्टवेयरों की जानकारी।	15 तासिकाएँ

बी. ए. तृतीय वर्ष कला (शैक्षिक वर्ष 2021-2022 से)

षष्ठ अयन (Sixth Semester)

पाठ्यचर्या : Skill Enhancement 2 D पाठ्यचर्या : साहित्य और फिल्मांतरण

2 कर्मांक (2 Credit)

उद्देश्य :

1. छात्रों में सिनेमा का स्वरूप से परिचित कराना।
2. छात्रों को हिंदी साहित्य और सिनेमा के अन्तसंबंध से परिचित कराना।
3. छात्रों को हिंदी उपन्यासों पर आधारित फिल्मों से अवगत कराना।

इकाई	पाठ्यविषय	तासिकाएँ
इकाई-I	सिनेमा : स्वरूप विवेचन, सिनेमा की परिभाषा हिंदी फीचर फिल्म के प्रकार हिंदी सिनेमा में अंतर्निहित तत्व हिंदी साहित्य और सिनेमा का अन्तसंबंध भारत में सिनेमा का उद्भव और विकास समानांतर हिंदी सिनेमा इक्कीसवीं सदी में हिंदी सिनेमा।	15 तासिकाएँ
इकाई-II	साहित्य का फिल्मांतरण फिल्मांतरण : स्वरूप, महत्व हिंदी उपन्यासों पर आधारित हिंदी फिल्में : सारा आकाश, नौकर की कमीज, चित्रलेखा। हिंदी कहानियों पर आधारित हिंदी फिल्में : सद्गति, तीसरी कसम, मोहनदास।	15 तासिकाएँ

अंक विभाजन पूर्णांक : 50

आंतरिक मूल्यांकन : 25 अंक (20 अंक : विद्यारूपांतरण, 05 अंक : प्रस्तुति।)

सत्रांत परीक्षा : 25 अंक

सत्रांत परीक्षा – प्रश्नपत्र का प्रारूप :

Syllabus

Programme Name: B. A. English
Course Name: Skill Enhancement Course

Class: T. Y. B. A.
Course Code: SEC 2-C & SEC 2-D



Savitribai Phule Pune University
(Choice Based Credit System-70:30-Pattern)
(w. e. f- 2021-2022)
T. Y. B. A- English

Semesters	New Nomenclature of Courses/Papers	Old Nomenclature of Courses/Papers	Credits
V	CC-Compulsory English	Compulsory English	03
VI	CC-Compulsory English	Compulsory English	03
V	SEC-1-C	G-3	03
VI	SEC-1-D	G-3	03
V	DSE-1-C	S-3	3+1=04
VI	DSE-1-D	S-3	3+1=04
V	DSE-2-C	S-4	3+1=04
VI	DSE-2-D	S-4	3+1=04
V	SEC-2-C	---	02
VI	SEC-2-D	---	02

T. Y. B. A.
Compulsory English

(CC-Core Course- 03 Credit)

Rationale:

The present course is a core course and it basically consists of two components: the literature component and the skills component. The literature component includes some of the best samples of English short stories, essays and poems written by writers of different nationalities (British, American, Indian etc.) This cultural mix is deliberate. We are living in a globalized world and our students need to have at least a cursory acquaintance with different cultures in the outside world. This is particularly important in a pluralistic society like ours. The core course is a part of the humanities. It aims at contributing to the linguistic and communicative abilities of the students. At the same time it also aims at fostering humanitarian attitude in our students and make them better human beings. Our prose and poetry selections in the literature part of the syllabus take care of these humanistic and aesthetic considerations.

The skills component of the syllabus includes language skills (i.e. grammar part and writing skills), soft skills and employability skills. All these are necessary in the contemporary world to make our students confident and enable them to face the real life challenges successfully. The core course is essentially a language course. Linguistic competence is absolutely necessary for achieving success in almost all the fields of life. Hence we have concentrated on

Skill Enhancement Course (SEC 2-C & SEC 2-D)

(w. e. f. 2021- 2022)

Title of the Paper: *Mastering Life Skills and Life Values*

[Two Credit Course For Each Sem- Sem-V & VI -2x15=30 Hours For Each Sem]

Objectives:

1. To equip the students with the social skills
2. To train the students interpersonal skills
3. To build self-confidence and communicate effectively
4. To Encourage the students to think critically
5. To learn stress management and positive thinking
6. To enhance leadership qualities
7. To aware the students about universal human values
8. To develop overall personality of the students

Suggestions to Teachers:

1. It is a learner-centric course.
2. The course aims at developing skills among the students.
3. Learning can be facilitated through interactive and informal guiding sessions.
4. Participation and up-gradation of the students' performance needs to be encouraged.
5. Practical, Exercises, Activity monitoring, Projects, Seminars, Presentations, Group Discussions are some of the activities that the teachers are expected to encourage.
6. Relevant and innovative ideas of both the students and the teachers are always appreciable for a successful completion of this course
7. The concerned faculty/teachers have to maintain the record of the students as credits to the students need to be given on the basis of preserved records.

Nature of Evaluation- Internal (College) 25 Marks and Semester End University Examination- 25 Marks

SEMESTER-V (SEC 2-C)

Course Content:

Life Skills

Unit-I

1. Meaning and Nature of Life Skills
2. Importance of Life Skills
3. Problem Solving and Decision-making skill

Unit-II

4. Critical and Creative Thinking Skill

- 5. Interpersonal skills: Understanding and Cooperating with Others
- 6. Management of Stress and Emotions

Question paper pattern

SEMESTER-V (SEC 2-C)

- Question-1-** Attempt any ONE of the following. 10 Marks
(1 Out of 2- Unit-I)
- Question-2-** Attempt any ONE of the following. 10 Marks
(1 Out of 2- Unit-II)
- Question-3-** Attempt any ONE of the following. 05 Marks
(1 Out of 2- Unit I- & II)

Total Marks- 25

SEMESTER-VI (SEC 2-D)

Life Values

Unit-I

- 1. Meaning and Nature of Values
- 2. Importance of Human Values
- 3. Moral Values
- 4. Ethical Values

Unit-II

- 5. Professional Values
- 6. Aesthetic Values
- 7. Psychological Values
- 8. Self-Awareness and Self-Management

Question paper pattern

SEMESTER-VI (SEC 2-D)

- Question-1-** Attempt any ONE of the following. 10 Marks
(1 Out of 2- Unit-I)
- Question-2-** Attempt any ONE of the following. 10 Marks
(1 Out of 2- Unit-II)
- Question-3-** Attempt any ONE of the following. 05 Marks
(1 Out of 2- Unit- I & II)

Total Marks- 25

Syllabus

Programme Name: B. A. Geography
Course Name: Skill Enhancement Course

Class: T. Y. B. A.
Course Code: SEC 2-C & SEC 2-D

CBCS: 2021-22

T.Y.B.A.

Geography

T.Y.B.A. Geography

Paper Code	Semester	Paper	Subject
Gg: 310(A)	V	CC1E	Geography of Disaster Management-I OR Geography of Tourism- I
Gg: 320(A)	V	DSE 1 C	Geography of India -I OR Geography of Rural Development -I
Gg: 301(A)	V	DSE 2 C	Practical Geography – I (Techniques of Spatial Analysis)
(Value/skill based course)		SEC 2C	Research Methodology – I
Gg: 310(B)	VI	CC1F	Geography of Disaster Management-II OR Geography of Tourism -II
Gg: 320(B)	VI	DSE 1D	Geography of India -II OR Geography of Rural Development -II
Gg: 301(B)	VI	DSE 2D	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report
(Value/skill based course)		SEC 2 D	Research Methodology – II

Equivalence of Previous syllabus along with new syllabus:

Paper	Old Course	New Course
G3	Gg-310 Regional Geography of India OR Gg-310 Human Geography	Geography of Disaster Management-I OR Geography of Tourism- I
G3		Geography of Disaster Management-II OR Geography of Tourism- II
S3	Gg-320 Agricultural Geography OR Gg-320 Population and Settlement Geography	Geography of India -I OR Geography of Rural Development -I
S3		Geography of India -II OR Geography of Rural development -II
S4	Gg-301 Techniques of Spatial Analysis	Practical Geography – I (Techniques of Spatial Analysis)
S4		Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report

Semester V
SEC 2 C

Value/Skill based Course
Research Methodology - I
CREDIT - 2

Objectives:

1. To develop the understanding of the basic concept of research
2. To develop the understanding of the basic framework of sampling and data collection
3. To develop the understanding of various sampling methods and techniques

Course Outcome:

1. To develop the understanding of the basic concept of research
2. To develop the understanding of the basic framework of sampling and data collection
3. To develop the understanding of various sampling methods and techniques
4. To identify various sources of information about data collection.
5. Understanding of the conducting survey on various issues and develop the Report writing skill

Topic No.	Topic	Sub-Topic	No. of Lectures
1	Introduction to Research Methodology	i. Meaning and Objectives of Research ii. Characteristics of Research iii. Types of Research iv. Various Steps in Research Process	10
2	Research Design	i. Introduction of Research Design ii. Purpose of Research Design iii. Characteristics of Good Research Design	10
3	Research Problem	i. Definitions of Research Problem ii. Identification of a Research Problem iii. Technique Involved in Defining a Research Problem	10

References

1. Montello Daniel R. and Sutton Paul C. (2006) – Introduction to scientific research Methods of Geography. By Saga Publication
2. Kothari, C. R. (2004) – Research Methodology -Methods and techniques, New Age.
3. Mishra, H.N. and Sing, V.P. (1998)- research Methodology in Geography, Rawat Publication
4. Clifford, N. Fresh S, Valentine, G. (2010) - Key Methods in Geography, Saga Publication
5. Gregory, K. J. (2000) – The changing Nature of Physical Geography, Arnold, London
6. Gomez basil and Jones, III John Paul (editor) (2010) – Research Methods in geography : A Critical, Wiley – Blackwell
7. Harvey, David (1971) – Explanation in Geography, Edward Arnold, London
8. Chorley, R. J. and P. Haggett(ed) (1967) – Models in Geography, Methuen

Semester VI

SEC 2 D

Value/ Skill based Course

Research Methodology – II

CREDIT - 2

Objectives:

1. To identify various sources of information for data collection.
2. Understanding of the conducting survey on various issues and develop the Report writing skill of students

Course Outcome:

1. To develop the understanding of the basic concept of research
2. To develop the understanding of the basic framework of sampling and data collection
3. To develop the understanding of various sampling methods and techniques
4. To identify various sources of information about data collection.
5. Understanding of the conducting survey on various issues and develop the Report writing skill

Sr. No.	Topic	Sub-Topic	No. of Lectures
		A) Primary Data Questionnaire Method and Field Visit	
1	Methods of Data Collection	i.) Questionnaire – definition ii.) Characteristics of a good questionnaire iii.) Merits and demerits Questionnaire method	
		B) Secondary Data i) Government Sources	10
		ii) Syndicated Sources iii) Other types of Sources	
2	Types of Research Report	i. Dissertation and Thesis ii) Research paper, review article iii) Characteristics of good Research Report Writing	10
3	Techniques of Research Report Writing	i) Structure and organization of research reports: Title, abstract, key words ii) Introduction, Methodology, results, discussion, conclusion, references, footnotes iii) Concepts of Case Study	10

Syllabus

Programme Name: B. A. Economics
Course Name: Skill Enhancement Course

Class: T. Y. B. A.
Course Code: SEC 3A & SEC 3A

T.Y.B.A. Economics

(Sem V & VI)

Semester	Paper Name	Subject Code	Title of the Paper
V	Economics General - III		Indian Economic Development- I
	Economics Special - III		International Economics-I
	Economics Special - IV		Public Finance- I
	Skill Enhancement Course (SEC-3A)		Business Management- I
VI	Economics General - III		Indian Economic Development- II
	Economics Special - III		International Economics- II
	Economics Special - IV		Public Finance- II
	Skill Enhancement Course (SEC-3A)		Business Management- II (Project Report)

T.Y.B.A. Economics
Skill Enhancement Course
Business Management

Sem ester	CC Paper	Paper No.	Name of Paper	Lectures / Week	Total Lect.	CA Marks	ESE Marks	Total	No. of Credits
V	SEC -III SEC-3A		Business Management- I	03	30	15	35	50	2
VI	SEC -IV SEC-3A		Business Management - II Project	03	30	15	35	50	2

SEC -Skill Enhancement Course; CC -Core Course; CA - Continuous Assessment;
 ESE -End of Semester Examination

T.Y.B.A. Economics
Skill Enhancement Course
SEC 3A: Business Management-I
(Course Code:)
Semester – V

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Management of Business.
- Business planning and decision making
- Leadership Skills- Ability to work in teams at the same time, ability to show leadership qualities

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	Business Management	6	<ul style="list-style-type: none"> • Discussion/ Practical/ Field Study
	1.1 Nature and Scope of Management		
	1.2 Characteristics of Management		
	1.3 Need & Importance of Study of Management		
	1.4 Process of Management		
2	Business Planning and Decision Making	6	<ul style="list-style-type: none"> • Case Studies / Mini Projects / Individual /Team Presentations. • Practical Exercises in Decision Making Process/ Problem Solving
	2.1 Nature of Planning		
	2.2 Steps in Planning Process		
	2.3 Types of Business Planning		
	2.4 Study of Planning Process		
	2.5 Steps in Decisions Making Process		
	2.6 Factors affecting decision Making		

3	Schemes of Government : Make in India Start-up India Stand up India Mudra Loans Dairy Management Scheme Fruits Management Development Programme Agriculture Products Sell Management	6 2 + 2 Guest Lecture	<ul style="list-style-type: none"> • Visit to SSS/ Interview with Mudra Beneficiary. • Study of Street Vendors/ Hawkers/ Mini Enterprises etc. • Exhibitions Business Plan Ideas Competitor
4	Workshop: Workshop on Entrepreneurship Development Training Programme	8	2 -Half-Day Work - shops -4 hours each OR 1- One Day Workshop - 8 hours

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.

T.Y.B.A. Economics
Skill Enhancement Course
SEC-3A: Business Management-II (Project Report)
(Course Code:)
Semester – VI

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Analytical Skills – Ability to analyze data collected and interpret in the most logical manner
- Project Report Writing Skills- Ability to comprehend and illustrate/demonstrate findings
- Presentation Skills – PPT/Poster- Ability to illustrate findings in the most appealing manner
- Leadership Skills: Ability to show leadership skills with business ideas or work on business ventures as a practical example

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	Case Study	2	Preview to Students for Project Report
	Guest Lecture – Local Entrepreneur – Success Stories / Struggles/ Historical Reviews/ Start-ups, etc		
2	Project Interim Presentation	14	Initial Mid Semester Presentation (15 marks)
	Detailed Study of ANY Business Enterprise under the Guidance of Subject Teacher OR Presentation of a Business Idea		
3	Project Final Presentation	14	Final Presentation Viva (35 Marks) Int. Examiner - 10 Ext. Examiner - 10 Report- 15
	Presentation with PPT or Poster or Exhibition of Business Ideas/ Reports		

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th Edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.

Syllabus

Programme Name: B. Sc. Chemistry
Course Name: Skill Enhancement Course

Class: T. Y. B. Sc.
Code: SEC-CH: 510 A&B, CH-611A&B

CBCS: 2019 Pattern

T. Y. B. Sc.

Chemistry

Equivalence with Previous Syllabus (2013 Pattern)

2013 Pattern	2019 Pattern
Sem-III (T.Y.B.Sc.)	Sem-V (T.Y.B.Sc.)
Core courses	Discipline Specific Elective Courses (DSEC)
CH-331: Physical Chemistry	CH: 501: Physical Chemistry-I
CH-332: Inorganic Chemistry	CH: 504: Inorganic Chemistry-I
CH-333: Organic Chemistry	CH: 507: Organic Chemistry-I
CH-334: Analytical Chemistry	CH: 502: Analytical Chemistry-I
CH-335: Industrial Chemistry	CH: 505: Industrial Chemistry
CH-336: Optional course (Any one) A- Nuclear Chemistry, B- Polymer Chemistry C- Intro. To Biochemistry, D- Env. And Green Chemistry, E- Agriculture Chemistry	CH:508: Chemistry of Biomolecules
----	Skill Enhancement Courses (SEC) CH:510 (A): Introduction of Medicinal Chemistry OR CH:510 (B): Polymer Chemistry
----	CH:511(A): Environmental Chemistry OR CH:511(B): Cheminformatics
Sem-IV (T.Y.B.Sc.)	Sem-VI (T.Y.B.Sc.)
Core courses	Discipline Specific Elective Courses (DSEC)
CH-341: Physical Chemistry	CH: 601: Physical Chemistry-II
CH-342: Inorganic Chemistry	CH: 604: Inorganic Chemistry-II
CH-343: Organic Chemistry	CH: 607: Organic Chemistry-II
CH-344: Analytical Chemistry	CH-602: Physical Chemistry -III
CH-345: Industrial Chemistry	CH: 605: Inorganic Chemistry-III
CH-346: Optional course (Any one) A- Nuclear Chemistry, B- Polymer Chemistry C- Intro. To Biochemistry, D- Env. And Green Chemistry, E- Dairy Chemistry	CH: 608: Organic Chemistry-III
	Skill Enhancement Courses (SEC) CH-610 (A): Chemistry of Soils and Agrochemicals OR CH-610 (B): Introduction of Forensic Chemistry
	CH-611 (A): Analytical Chemistry-II OR CH-611 (B): Chemistry of Cosmetics and Perfumes
CH-347: Physical Chemistry Practical	CH 503 and 603: Physical Chemistry Practical-I and II
CH-348: Inorganic Chemistry Practical	CH 506 and 606: Inorganic Chemistry Practical I and II
CH-349: Organic Chemistry Practical	CH 509 and 609: Organic Chemistry Practical-I and II

Savitribai Phule Pune University (SPPU), Pune

4 | 70

SEC-II: CH-511: Skills Enhancing Course-II**[Credit -2, 36 L]****Choose one out of the two options, A and B.****CH-511 (A) : Environmental Chemistry**

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Concepts and Scope of Environmental Chemistry	06
2	Hydrosphere and Water Pollution	10
3	Analytical Techniques in water Analysis	10
4	Water pollution and treatment methods	10
Total		36

1: Concepts and Scope of Environmental Chemistry**(06L)**

Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system

Reference: 1, 2, 3

Aims and objectives: -Students should know:

- i. Importance and conservation of environment.
- ii. Importance of biogeochemical cycles

2: Hydrosphere and Water Pollution**(10L)**

Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants
Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides, Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.

Reference: 1 Page no -47-62,

Aims and Objectives:- Students should know:

- i. Water resources
- ii. Hydrological Cycle
- iii. Organic and inorganic pollutants
- iv. Water quality parameters

3. Analytical Techniques in water Analysis**(10 L)**

Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd,

Cr, Cu, Fe, Pb, Mn, Hg (Exclude polarographic and AAS methods), COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.

Ref-1: 225-278

4. Water pollution and treatment methods (10 L)

Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)

Ref-1: 167-225

Reference-1: Environmental Chemistry – A. K. De, Third Edition (Wiley)

Additional References:

1. Environmental Chemistry – A. K. De, 5th Edition (New age international publishers)
2. Environmental Chemistry – A. K. Bhagi and C. R. Chatwal (Himalaya Publishing House)
3. Environmental Chemistry – H. Kaur 2nd Edition 2007, Pragati Prakashan, Meerut, India
4. Environmental Chemistry – J. W. Moore and E. A. Moore (Academic Press, New York)
5. Basic Concepts of Analytical Chemistry: S. M. Khopkar, Wiley Eastern (1995)

CH-511 (B) : Cheminformatics

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to Cheminformatics	02
2	Representation of Molecules and Chemical Reactions	10
3	Searching Chemical Structures	06
4	Applications of Cheminformatics	18
Total		36

1. Introduction to Cheminformatics [02L]

- 1.1. History and progression of cheminformatics
- 1.2. Significance of cheminformatics
- 1.3. Prospects of cheminformatics and Molecular Modelling

Learning Outcomes:

1. Students should understand the significance of cheminformatics in the modern practices of chemical science
2. Students should learn the necessity of cheminformatics in chemical science

Ref. 2. (Page no. 4-11 and relevant pages)

2. Representation of Molecules and Chemical Reactions: [10L]

- 2.1. Nomenclature

1. Practical knowledge of handling chemicals.
2. Achieve the practical skills required to estimations of glucose and glycine.
3. Achieve the practical skills required to Saponification value of oil.
4. Determine the molecular weight of given tribasic acids.

C) Organic Extractions The students will be able to

1. Apply the principles of extraction
2. Understand the equipment for extraction.
3. Gain practical hands-on experience of modern Extraction.
4. Develop basic design of extractor
5. Describe the extraction separation process.

D) Column chromatography The students will be able to

1. Defines the basic parameters in chromatography
2. Explain the processes of a chromatography analysis
3. Describes the types and materials of column.
4. Explains the types of mobile phase and elution.
5. Realize the selection of appropriate mobile phase, column and detector

SEC-III: CH-610: Skill Enhancing Course-III

[Credit -2, 36 L]

Choose one out of the two options, A and B.

CH-610 (A) : Chemistry of Soil and Agrochemicals

Chapter No	Name of the Topic	Number of lectures
1	Soil Chemistry	6
2	Problematic Soil and Soil testing	6
3	Laboratory Methods of Soil Analysis	12
4	Fertilizers and Manures	6
5	Protection of Plants	6
Total Lectures		36

1. Soil Chemistry

(6 L)

- 1.1 Role of agricultural chemistry
- 1.2 Introduction to soil chemistry, definitions of soil, Soil components- Mineral component, organic matter or humus, soil atmosphere, soil water, soil microorganism.
- 1.3 Physical properties of soil- Soil texture, soil structure, soil colour, soil temperature, soil density, porosity of soil.

1.4 Surface soil and sub-soil, Functions of soil.

1.5 Chemical properties of soil - Soil reactions, importance of soil reaction, factors controlling soil reactions,

1.6 Buffer action, buffering capacity, importance of buffer reaction in agriculture, ion exchange and importance of ion exchange.

Ref 1- Pages 8-12, 92-94, 98-113, 116-146

Ref 3 - Pages 28-50

Ref 12 - Pages 211-224, 228-234

Ref 17 - Pages 49-56, 295-308, 357-370

2. Problematic Soil and Soil testing

(06 L)

2.1 Introduction to problematic soils.

2.2 Acid soils- formation of acid soil, effect of soil acidity on plant, reclamation of acidic soil, application of lime in improving the acidity of soil, lime requirements.

2.3 Alkali Soil- formation of alkali soil, reclamation of alkali soil.

2.4 Classification of alkali soil- saline soil, alkali soil, saline alkali soil, non-saline alkali soil.

2.5 Soil testing - Introduction, different methods of soil fertility evaluation.

2.6 Objectives of soil testing.

Ref 1- Pages 345-370

Ref 3 - 301-312

Ref 4 – Pages 135-147, 150-159

Ref 12 - Pages 237-246, 337-353

3. Laboratory Methods of Soil Analysis

(12 L)

3.1 Collection of soil Samples from field.

3.2 Soil sample preparation for analysis of various parameters.

3.3 Digestion and Extraction Procedures for soil.

3.4 Project/ Hands on training of Analysis of various parameters of soil and writing project on it.

(Note: Students can perform minimum six experiments out of eight in the laboratory with the help of teacher and write report on it and submit to subject teacher. It is considered for internal marks of this course).

1. Determination of pH of soil
2. Determination of EC and TDS of soil
3. Determination of soil organic matter of soil.
4. Determination of available nitrogen in soil.
5. Determination of available phosphorus from soil.

6. Determination of calcium and magnesium from soil by EDTA method.
7. Determination of sodium and potassium by flame photometry method.
8. Determination of carbonate and bicarbonates from soil.
9. Calculate the RSC, SAR, SSP, Salinity of soil. Interpretation of soil data and recommendations for soil use.

Ref 23 pages 11-160

Ref 25 pages 17-104

4. Fertilizers and Manures

(06 L)

Fertilizers

- 4.1 Introduction, Classification of nitrogenous fertilizers, reaction of ammonium sulphate, urea as a fertilizer in soil.
- 4.2 Nano fertilizers- Nano-Fertilizers for Sustainable Crop Production, Nano urea- preparation, forms and application of nano urea.
- 4.3 Phosphatic fertilizers- Classification of phosphatic fertilizers, reactions of superphosphate as a fertilizer in soil.
- 4.4 Potassic fertilizers - Classification of potassic fertilizers, reactions of potash fertilizer in soil.
- 4.5 Complex fertilizers- Characteristics, advantages and disadvantages,
- 4.6 Mixed fertilizers - Characteristics, advantages and disadvantages.
- 4.7 Time and mode of applications of fertilizers in the solid and liquid form to plants.
- 4.8 Factors affecting efficiency of fertilizers.

Manures

- 4.9 Introduction, Definition and classification of manures.
- 4.10 Effect of bulky organic manures on soil.
- 4.11 Farm yard manures (FYM), improved methods of handling FYM- Trench method for FYM, Factors affecting the composition of FYM, losses during the handling and storage of FYM, Gobar gas-compost plant - construction and advantages.
- 4.12 Biofertilizers - Definition, classification, role & advantages.
- 4.13 Vermicompost - Preparation, effect of vermicompost on soil fertility.

Ref 2- Pages 205-213,

Ref 3- Pages 90-112, 137-149

Ref 5 Pages Relevant pages

Ref 12 – Pages 263- 275, 280-290,

Ref 18 – URL: Attached in reference.

Ref 19 - URL: Attached in reference.

Ref 20 URL: Attached in reference.

5. Protection of Plants

(06 L)

5.1 Classification of pesticides.

5.2 Insecticide- Definition, Classification on the basis of mode of action and chemical properties.

5.2.1 Inorganic insecticides - plants or animal origin insecticides- nicotine, pyrethrum, rotenone.

5.2.2 Synthetic organic insecticides – a) Organochlorine insecticides - DDT, BHC, Aldrin and dieldrin. b) Organophosphorus insecticides – Parathion, Malathion, c) Carbamate insecticides – Carbaryl, Baygon.

5.3 Fungicide – Definition and Classification of fungicides.

5.3.1 Inorganic fungicide- Copper fungicides a) Bordeaux mixture, b) Copper oxychloride.

5.3.2 Organic fungicides- Dithiocarbamate, Quinone fungicides, Heterocyclic fungicides.

5.3.3 Synthetic fungicides.

5.4 Herbicides- Definition, Classification on the basis of mode of action- Selective and non-selective herbicides, classification based on their effect on weeds- contact, systemic herbicides. Classification on the basis of their chemical structures.

5.5 Nano pesticides: Its Scope and Utility in Pest Management

Ref 6 - Relevant Pages

Ref 13 – Pages 80-177,

Ref 14 – Pages 73-110,

Ref 15 – Chapter 3 Pages 1-45

Ref 16 Pages 2-16,

Ref 19 URL: Attached in reference.

Ref 21 URL: Attached in reference.

Learning Objectives:

- 1) Know the different components and properties of soil.
- 2) Know classification of soil on the basis of pH.
- 3) Identify the problematic soil and recommend method for their reclamation.
- 4) Know the different plant nutrients required for plants and their functions.
- 5) Know the role of various fertilizers and manures required for plant growth.
- 6) Know the various methods and their techniques in analysis of soil.
- 7) Know importance of manures as compared to chemical fertilizers.

- 8) Know various techniques to protect the plants.
- 9) Have the knowledge of various pesticides, insecticides, fungicides and herbicides.

Course Outcomes:

After studying this course, student is expected to

- 1) Understood various components of soil and soil properties and their impact on plant growth.
- 2) Understood the classification of the soil.
- 3) Explores the problems and potentials of soil and decide the most appropriate treatment for land use.
- 4) Understood the Reclamation and management of soil physical and chemical constraints.
- 5) Useful in making decisions on nutrient dose, choice of fertilizers and method of application etc. practiced in crop production.
- 6) Got experience on advanced analytical and instrumentation methods in the estimation of soil.
- 7) Understood various Nutrient management concepts and Nutrient use efficiencies of major and micronutrients and enhancement techniques.
- 8) Proper understanding of chemistry of pesticides will be inculcated among the students.
- 9) Imparts knowledge on different pesticides, their nature and, mode of action and their fate in soil so as to monitor their effect on the environment.

Reference Books

1. A text book of soil science (Revise Edition) J. A. Daji. Revised by J. R. Kadam, N. D. Patil, Media promoters and publishers, Mumbai, 1996.
2. Text book of soil science, T. D. Biswas, S. K. Mukherjee, 2nd ed. Tata McGraw Hill Publishing company, New Delhi, 2017.
3. Introduction to Agronomy and soil, water management, V. G. Vaidya, K. R. Sahashtrabudde, (Continental Prakashan).
4. Principals of soil science, M. M. Rai, 4th ed. Million complex of India, Bombay, 1977.
5. Manures and fertilizers (12th ed.), K. S. Yawalkar, J. P. Agarwal and Bokde, Agri-horticulture publishing house, Nagpur, 2016.
6. Chemistry of insecticides and fungicides, U.S. Sreeramula (2nd ed.), oxford and IBH Publishing company, New Delhi.
7. Fundamentals of soil sciences, Henry D. Foth, 8th ed. John Wiley and Sons, 1990. Book Soft copy URL: <https://1lib.in/book/634160/343570>

Syllabus

Programme Name: B. Sc. Botany
Course Name: Skill Enhancement Course

Class: T. Y. B. Sc.
Course Code: SEC-BO 3510 & 3511

Title of the Course: B. Sc Botany

1. Structure of Course:

Structure B.Sc. Botany syllabus					
Year	Semester	Course Type	Course code	Course Name	Credits
1	1	Compulsory Course	BO 111	Plant life and utilization I	2
			BO 112	Plant morphology and Anatomy	2
			BO 113	Practical based on BO 111 & BO 112	1.5
	2	Compulsory Course	BO 121	Plant life and utilization II	2
			BO 122	Principles of plant science	2
			BO 123	Practical based on BO 121 & BO 122	1.5
2	3	Compulsory Course	BO 231	Taxonomy of Angiosperms and Plant Ecology	2
			BO 232	Plant Physiology	2
			BO 233	Practical based on BO 231 & BO 232	2
	4	Compulsory Course	BO 241	Plant Anatomy and Embryology	2
			BO 242	Plant Biotechnology	2
			BO 243	Practical based on BO 241 & BO 242	2
3	5	Discipline Specific Elective Course	BO 351	Algae and Fungi	2
			BO 352	Archegoniate	2
			BO 353	Spermatophyta and Paleobotany	2
			BO 354	Plant Ecology	2
			BO 355	Cell and Molecular Biology	2
			BO 356	Genetics	2
			BO 357	Practical based on BO 351 & BO 352	2
			BO 358	Practical based on BO 353 & BO 354	2
	BO 359	Practical based on BO 355 & BO 356	2		
	Skill Enhancement course	BO 3510	Medicinal Botany	2	
		BO 3511	Plant Diversity and Human Health	2	
3	6	Discipline Specific Elective Course	BO 361	Plant Physiology	2
			BO 362	Biochemistry	2
			BO 363	Plant Pathology	2
			BO 364	Evolution and Population genetics	2
			BO 365	Advanced Plant Biotechnology	2
			BO 366	Plant Breeding and Seed Technology	2
			BO 367	Practical based on BO 361 & BO 362	2

1.	Cytological techniques-preparation of Fixatives, preparation of stains (Aceto carmine and Aceto-orcein).	01
2	Isolation of nuclei and characterization	01
3	Study of various stages of mitosis and meiosis	01
4	Induction of C metaphase in suitable plant material	01
4	Study of Chromosomes Morphology (from colchicines pretreated Onion root tip cells)	01
6	Isolation of plant genomic DNA by suitable method.	01
7	Estimation of Plant DNA by DPA method	01
8	Extraction and estimation of RNA by Orcinol Method	01
9	To study the monohybrid and dihybrid crosses with suitable data and its analysis by Chi-Square test.	01
10	Induction of tetraploidy in onion root cells and preparation of squash for observation of tetraploid cells.	01
11	Preparation of salivary gland chromosomes in <i>Chironomous</i> larvae.	01
12	Study of human genetic traits viz. PTC taste sensitivity, earlobe and rolling tongue, height, Skin colour, Hair colour, Eye colour in known population.	01
13	Genetic problems on gene mapping using three point test cross data.	01
14	Study of structural heterozygotes (multiple translocations) in <i>Rhoeo</i> .	01
15	Problems on quantitative inheritance. (Cob length in Maize)	01
16	Problems on Multiple Alleles. (Blood group in Human)	01

Skill Enhancement course

**T.Y.B.Sc. Botany CBCS Pattern
(Semester V, Paper X) 2020-2021
BO 3510: Medicinal Botany - 2 Credits (30 Lectures)**

Sr. No.	Topic Details	No. of Lectures
Credit-I		15
1.	Medicinal Plants: History, Scope and Importance	01
2	Indigenous Medicinal Sciences; Definition and Scope	01
3.	Ayurveda: History, origin, panchamahabhutas, saptadhatu and tridosha concepts, Rasayana, plants used in ayurvedic treatments	04
4.	Siddha: Origin of Siddha medicinal systems, Basis of Siddha system, plants used in Siddha medicine.	02
5	Unani: History, concept: Umoor-e- tabiya, tumors treatments/ therapy, polyherbal formulations.	02
6	Conservation of endangered and endemic medicinal plants: Definition: endemic and endangered medicinal plants, Red list criteria; In situ conservation: Biosphere reserves, sacred groves, National Parks; Ex situ conservation: Botanic Gardens, Ethnomedicinal plant Gardens.	05
Credit-II		15
5	Propagation of Medicinal Plants: Objectives of the nursery, its classification, important components of a nursery, sowing, pricking, use of green house for nursery production, propagation through cuttings, layering, grafting and budding.	05
6.	Ethnobotany and Folk medicines: Definition; Ethnobotany in India: Methods to study ethnobotany; Applications of Ethnobotany: National interacts, Palaeo-ethnobotany.	05
7.	Folk medicines of ethnobotany, ethnomedicine, ethnoecology, ethnic communities of India. Application of natural products to certain diseases- Jaundice, cardiac, infertility, diabetics, Blood pressure and skin diseases.	05

Suggested Readings

1. Trivedi P C, 2006. Medicinal Plants: Ethnobotanical Approach, Agrobios, India.
2. Purohit and Vyas, 2008. Medicinal Plant Cultivation: A Scientific Approach, 2nd edn. Agrobios, India.

Skill Enhancement course

**T.Y.B.Sc. Botany CBCS Pattern
(Semester V, Paper XI) 2020-2021
BO 3511: Plant Diversity and Human Health - 2 Credits (30 Lectures)**

Sr. No.	Topic Details	No. of Lectures
Credit-I		15
1.	Plant diversity and its scope- Genetic diversity, Species diversity, Plant diversity at the ecosystem level,	03
2	Agrobiodiversity and cultivated plant taxa, wild taxa. Values and uses of Biodiversity: Ethical and aesthetic values, Precautionary principle, Methodologies for valuation, Uses of plants, Uses of microbes.	05
3.	Loss of Biodiversity: Loss of genetic diversity, Loss of species diversity, Loss of ecosystem diversity, Loss of agrobiodiversity, Projected scenario for biodiversity loss,	04
4.	Management of Plant Biodiversity: Organizations associated with biodiversity management-Methodology for execution-IUCN, UNEP, UNESCO, WWF, NBPGR; Biodiversity legislation and conservations.	03
Credit-II		15
5	Conservation of Biodiversity: Conservation of genetic diversity, species diversity and ecosystem diversity, In situ and ex situ conservation, Social approaches to conservation, Biodiversity awareness programmes, Sustainable development.	08
6.	Role of plants in relation to Human Welfare; a) Importance of forestry their utilization and commercial aspects b) Avenue trees, c) Ornamental plants of India. d) Alcoholic beverages through ages. Fruits and nuts: Important fruit crops their commercial importance. Wood and its uses.	07

Suggested Readings

Krishnamurthy, K.V. (2004). An Advanced Text Book of Biodiversity - Principles and Practices. Oxford and IBH Publications Co. Pvt. Ltd. New Delhi.

9	Demonstration of Hybridization Techniques (Emasculation, Hand Pollination, Bagging and Tagging) in cotton and tomato.	01
9	Effect of chemical mutagens on seed germination and seedling growth.	01
10	Study of pollen viability and floral morphology of crops	01
11	To test seed moisture by hot air oven method	01
12	To study germination methods (Paper, Sand and Soil)	01
13	Physical purity analysis of seed sample	01
14	Visual examination of dry seeds for disease symptoms	01
15	To study any one common seed insect pest w.r.t to their life cycle, way of infestation/damage, symptoms and control measures.	01
16	Visit to a Plant Breeding Research Centre/ Seed Industry and report submission	01

Note: Submission of minimum 10 seed samples along with their botanical names, family, variety etc. to the department at the time of final practical examination

Skill Enhancement course

T.Y.B.Sc. Botany CBCS Pattern
(Semester VI, Paper X) 2020-2021

BO 3610: Nursery and Gardening Management- 2 Credits (30 Lectures)

Sr. No.	Topic Details	No. of Lectures
Credit-I Nursery Management		15
1	Nursery: definition, objectives and scope and building up of infrastructure for nursery, planning and seasonal activities - Planting - direct seeding and transplants.	03
2	Seed: Structure and types - Seed dormancy; causes and methods of breaking dormancy - Seed storage: Seed banks, factors affecting seed viability, genetic erosion –Seed production technology - seed testing and certification.	03
3.	Vegetative propagation: air-layering, cutting, selection of cutting, collecting season, treatment of cutting, rooting medium and planting of cuttings - Hardening of plants– greenhouse - mist chamber, shed root, shade house and glass house.	09

Credit-II Gardening Management		15
4	Gardening: definition, objectives and scope - different types of gardening - landscape and home gardening - parks and its components - plant materials and design -computer applications in landscaping - Gardening operations: soil laying, manuring, watering, management of pests and diseases and harvesting.	08
5.	Sowing/raising of seeds and seedlings - Transplanting of seedlings - Study of cultivation of different vegetables: cabbage, brinjal, lady's finger, onion, garlic, tomatoes, and carrots - Storage and marketing procedures.	07

Suggested Readings

1. Bose T.K. & Mukherjee, D., Gardening in India, Oxford & IBH Publishing Co., New Delhi.1972.
2. Sandhu, M.K., Plant Propagation, Wile Eastern Ltd., Bangalore, Madras. 1989.
3. Kumar, N., Introduction to Horticulture, Rajalakshmi Publications, Nagercoil. 1997.
4. Edmond Musser & Andres, Fundamentals of Horticulture, McGraw Hill Book Co., New Delhi.
5. Agrawal, P.K. Hand Book of Seed Technology, Dept. of Agriculture and Cooperation, National Seed Corporation Ltd., New Delhi. 1993.
6. Janick Jules. Horticultural Science. (3rd Ed.), W.H. Freeman and Co., San Francisco, USA.1979.

**T.Y.B.Sc. Botany CBCS Pattern
(Semester VI, Paper X) 2020-2021
BO 3611: Biofertilizers- 2 Credits (30 Lectures)**

Sr. No.	Topic Details	No. of Lectures
Credit-I		15
1	Introduction: 1.1 Introduction, Scope and importance of Biofertilizers 1.2 General account of the microbes used as Biofertilizers	02
2	Bacterial Biofertilizers 2.1. Isolation of Rhizobium, Identification, Mass multiplication, Carrier based inoculants. 2.2. Azospirillum isolation and mass multiplication, carrier based	09

Syllabus

Programme Name: B. Com.
Course Name: Business Administration-II

Class: T. Y. B. Com.
Course Code: 305

T.Y. B.Com.

Business Administration Special Paper II

Subject Name :- Business Administration

Course Code :- 305 - a.

Objective :-

To acquaint the students with basic concepts & functions of HRD and nature of Marketing functions of a business enterprise.

Term I :- Human Resource Development.

Unit No.	Content	Lectures
1.	Human Resource function 1.1 Meaning, Objectives of Human Resource Function, Difference between H.R.M. and H.R.D. 1.2 Organization, Scope and functions of Human Resource Department in Modern Business. 1.3 Human Resource Planning - Nature and Scope, Job analysis - Job description - Job specification. 1.4 Emerging Concept of H.R.D. - Quality Circles -Kaizen - Voluntary Retirement Schemes.	14
2.	Recruitment and Training 2.1 Methods or sources of Recruitment of manpower, Role of Recruitment Agencies- Selection Process. 2.2 Types of Interviews- Interview Techniques. 2.3 Objectives and importance of Training and Development. 2.4 Types and Methods of Training Programmes.	10
3.	Employee Career and Succession planning 3.1 Aims and objectives of career planning. 3.2 Career Planning Process - Career Planning Structure. 3.3 Succession Planning - Meaning Need and importance. 3.4 Types of Career Opportunities A) Public Sector:- State and Local Government level - Personnel officer, Purchasing officer, secretary, Director of Administration Accountant etc. B) Private sector:- Marketing and Sales, Production and Material Management, Financial sector, Management as a profession, Insurance Industry, Accounting and Management Information System.	12
4.	Performance Appraisal Management. 4.1 Concept and Importance. 4.2 Performance Appraisal Process. 4.3 Methods and Techniques. 4.4 Merits and limitations of performance appraisal.	12
Total		48

Term II :- Marketing Functions.

Unit No.	Content	Lectures
1.	Introduction 1.1 Meaning and scope of Marketing. 1.2 Objectives of Marketing.	10

T.Y. B.Com. w.e.f. 2015-16

Page 18 of 71

	1.3 Classification of marketing. 1.4 Functions of Marketing.	
2.	Marketing Mix 2.1 Meaning and Importance of Product, Product mix, product life cycle. New product development- Types of new product, Branding, Packaging, Labeling. 2.2 Price - Meaning, Factors affecting Pricing Decisions, Methods of Pricing. 2.3 Place - Functions of distribution channels, Types of distribution channels, Impact of technology on Distribution. 2.4 Promotion - Meaning of sales promotion, Importance, Methods and New techniques of sales promotion.	13
3.	Advertising 3.1 Advertising- Meaning, Scope, Importance, Role of advertising in modern business, Criticism on Advertising practices. 3.2 Advertising media - Different medias of advertising, Selection of advertising media. 3.3 Ethics in advertising- Ethics and appeals in Advertising, Advertising Standards Council of India. 3.4 Future of advertising - Advertising in depression and crisis, Employment opportunities in advertising field.	13
4.	Modern Marketing Trends 4.1 Global marketing - Meaning, Scope, Importance, International marketing Challenges and Problems. 4.2 Marketing Research- Meaning, Scope and Methods of Marketing research. 4.3 Retailing- Meaning, New Trends in Marketing, Direct Marketing, Malls, Franchising. 4.4 Recent Trends in Marketing- i) E-Marketing ii) Telemarketing iii) Internet Marketing iv) M-Marketing.	12
	Total	48

Recommended Books

1. Personnel and Human Resource Management - A M Sharm(Himalaya Publishing House)
2. Personnel Management and Industrial Relations- R S Davar (Vikas Publishing House)
3. Human Resource Development and Management- Biswanath Ghosh (Vikas Publishing House)
4. Personnel Management - C.B. Mamaria, S V Gankar (Himalaya Publishing House)
5. Human Resource Management - AShwathappa
6. Basics of Marketing- Cannon
7. Marketing Management, Philips, Kotler
8. Marketing - Gandhi
9. Principles of Marketing - Sherlekar S.A.
10. International Marketing- P. Saravanavel (Himalaya Publishing House)
11. Modern Marketing Management- R.S. Davar

Syllabus

Programme Name: M. Com.
Course Name: Financial Management

Class: M. Com. I
Course Code:114

2	Recruitment and Selection	<p>1.1 Recruitment – Meaning, Purpose/ Importance, Sources of Recruitment, and Factors Governing Recruitment Process</p> <p>1.2 Selection – Meaning, Importance of selection procedure, Tools of Selection and selection Process</p> <p>1.3 Distinguish between Recruitment and Selection</p> <p>1.4 Types of Employment tests, Types of Interviews</p>	<p>Conceptual Understanding</p> <p>Analytical skills</p> <p>Accessing and analyzing information</p> <p>Imaginative thinking</p>
3	Training and Development	<p>1.1 Meaning ,Need , Objectives of Training and Development, Benefits/ Importance of Training to the organisation and employees.</p> <p>1.2 Types of Training , Methods of Training and Development, Process/ Procedure for effective Training.</p> <p>1.3 Career Development , Steps in Career Development , Stages of Career Development , Advantages and Limitations of Career Development, Career Development Cycle , Career Counselling and Self Development</p>	<p>Conceptual Understanding</p> <p>Analytical Skills</p> <p>Technical skills</p> <p>Critical thinking</p>
4	Performance Appraisal Management	<p>1.1 Introduction, Meaning, Need and Importance of Performance Appraisal</p> <p>1.2 Process of Performance Appraisal</p> <p>1.3 Merits and Limitations of Performance Appraisal</p> <p>1.4 Methods and Techniques of Performance Appraisal</p> <p>1.5 Ethical Performance Appraisal</p>	<p>Conceptual Understanding</p> <p>Analytical skills</p> <p>Accessing and analysing information</p> <p>Value Education</p>

Revised syllabus (2019 Pattern) for M. Com. Course (CBCS)

Semester: - I

Group – F (Business Administration)

Subject Name - Business Administration Special Paper II

Subject Title: - Financial Management

Course Code - 114

Objectives of the course

- To acquaint the student with knowledge of various Financial Management terminologies (Investment ,Credit Planning , Working Capital Management
 - To understand the concepts relating to Financing & Financial Statement Analysis
 - To utilize the information gathered to reach an optimum conclusion by a process of reasoning
 - To enable the students to use their learning to evaluate , make decisions and provide recommendations
- Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	Introduction	<p>Meaning and objectives of Financial Management ,</p> <p>Financial systems in India – RBI , SEBI.</p> <p>New trends in Financial Management</p>	<ul style="list-style-type: none"> • Understanding Financial Management • Recognizing the Financial System of India.
2	Financial Statements & Financial Analysis	<p>Concept of Financial Statements – Income and Balance Statements</p> <p>Financial Analysis – Types and Techniques</p>	<ul style="list-style-type: none"> • Understanding Financial Statements • Analyzing the Financial Statements
3	Investment Decisions	<p>Capital Expenditure, Capital Budgeting, techniques of Capital Budgeting, Investment</p>	<ul style="list-style-type: none"> • To enable the students to make Investment Decisions

		Decision Methods – Payback , Net Present Value , A.R.R and I.R.R	<ul style="list-style-type: none"> To study the Capital Budgeting Techniques
4	Working Capital & Credit Management	Meaning and Nature of Working Capital and Factors affecting Working Capital Formulation of Credit Policy , Collection Policy , Accounts Receivable Management, Factoring and Lease Financing	<ul style="list-style-type: none"> To understand the meaning and nature of Working Capital To enable the students to formulate Credit and Collection policy

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Project	Expected Outcome
1	08	Lecture Methods	Individual assignment report	Developing understanding on Financial Management
2	14	Lectures Method Guest Lectures by subject Experts	Case analysis and Discussions	Developing Financial Statement analysis skills
3	14	Case analysis Internet Research	Article Review Survey analysis	Developing Decision making Skills
4	12	Survey analysis , Assignments , Field Visits	Field Visit Article Review	Developing skills for effective Credit and Working Capital Management

Syllabus

Programme Name: M. Com.
Course Name: Management Accounting

Class: M. Com. I
Course Code: 101

Revised syllabi (2019 Pattern) for two years M. Com. Course (CBCS)

Semester: I

Subject: Management Accounting

Course Code: 101

Depth of the programme: Basic Knowledge with recent advancement and its applicability

Objectives of the Programme:

1. To enhance the abilities of learners to develop the concept of management accounting and its significance in the business.
2. To enhance the abilities of learners to analyze the financial statements.
3. To enable the learners to understand, develop and apply the techniques of management accounting in the financial decision making in the business corporates.
4. To make the students develop competence with their usage in managerial decision making and control.

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	Accounting for Emerging Sectors	<ol style="list-style-type: none">1. Limitations of conventional Financial Accounting2. Emergence of Management Accounting and Cost Accounting3. Advantages of Management Accounting and Cost Accounting4. Distinction between Management Accounting and Cost Accounting5. Management Accounting as a decision making tool	To understand the concept of Financial Accounting and its limitations, emergence of Management Accounting and Cost Accounting, its advantages and distinction between Management Accounting and Cost Accounting.
2	Application of Management Accounting Techniques	<ol style="list-style-type: none">1. Marginal Costing and Cost-Volume Profit (CVP) Analysis, Key Factors2. Decision Making through Managerial Cost Accounting (Make or Buy Decision) Purchasing and Leasing3. Techniques and Managerial Cost Accounting4. Standardization of Accounting System<ol style="list-style-type: none">a. Fixed and Variable Cost Analysisb. Application of Fixed and Variable Cost Analysis technique in decision making process	To understand the concept of Marginal Costing, its applications, different techniques of managerial cost accounting and Fixed and Variable Cost Analysis in decision making process.

Syllabus

Programme Name: M. Com.
Course Name: Business Ethics & Professional Value

Class: M. Com. II
Course Code: 213

M. Com. Part I (Semester II)

Group F (Business Administration) - Special Paper III

Subject : - Business Ethics & Professional Values

Course Code No: 213

Objectives of the course

1. To raise the students general awareness on the ethical dilemmas at work place
2. To understand the differing perceptions of interest in business related solutions
3. To present the concept of Corporate Social Responsibility and explore its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees
4. To investigate whether ethics set any boundaries on competition , marketing, sales and advertising
5. To enable students to validate or correct , personal ideas about various ethical perspectives
6. To enable students to develop their own considered judgment about issues in Business Ethics
7. To foster more careful, disciplined thinking in trying to resolve issues in business ethics
8. To prepare students to play a constructive role in improving the sustainable development with which they may become involved

Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose Skills to be developed
1	Business Ethics and Professional Values	a. Business Ethics – Introduction, Meaning, Scope , Principles , importance , Code of Ethics and Theories b. Professional Values – Meaning , Significance , Scope and Human Values c. Ethical Decision Making – Meaning, determinants, process of ethical decision making	1. Understanding Knowledge of established methodologies of solving ethical problems 2. Recognizing significance of Professional Values
2	Corporate Social Responsibility and Corporate Governance	a. CSR – Introduction , advantages , scope for CSR in India , Legal provisions for CSR, Forms of CSR and Indian Corporations b. Corporate Governance – concept Objectives , features , advantages , code whistle blowing , types arguments and justification c. Value Based Management – meaning, benefits and methods =, Vedic Management for business ethics	1. Knowing CSR and its scope and forms 2. Analysis of Corporate Governance and Value Based Management
3	Indian Ethical Practices	a. Indian Ethical Practices Finance b. Indian Ethical Practices Marketing c. Indian Ethical Practices Information Technology d. Ethics at work place e. Indian Ethical Practices HRM	Recognizing the unethical issues in Finance , Marketing , IT , HRM and at workplace
4	Emerging issues in Business Ethics and Environmental issues	a. Ethics in Environment – environmental crisis , issues relating to environmental degradation , natural resources depletion and pollution b. Sustainable Development – Meaning, Principles. Goals of Sustainable Development, Strategy to achieve Sustainable	1. Recognizing environmental issues and its impact on Business 2. Achieving Sustainable Development

Crosscutting Issue: Gender

Syllabus

Programme Name: B. A. Hindi
Course Name: Vaikalpik Hindi

Class: F. Y. B. A.

प्रथम वर्ष कला (F.Y.B.A.) (सामान्य) (प्रथम अयन)

पाठ्यचर्या : वैकल्पिक हिंदी प्रश्नपत्र – 1 A

3 कर्मांक

उद्देश्य :

1. छात्रों को हिंदी काव्य साहित्य का परिचय देना।
2. हिंदी कहानी साहित्य से अवगत कराना।
3. हिंदी भाषा द्वारा संवाद कौशल विकसित करना।
4. मौलिक लेखन की ओर रुझान बढ़ाना।
5. विज्ञापन लेखन कौशल विकसित करना।
6. अनुवाद संबंधी जानकारी देना।
7. हिंदी कंप्यूटिंग का परिचय देना।

	प्रथम सत्र/प्रथम अयन
इकाई – I	काव्य साहित्य : जूही की कली – निराला मैं नीर भरी दुख की बदली – महादेवी वर्मा कालिदास – नागार्जुन रोटी और संसद – धूमिल धार – अरुण कमल
इकाई – II	कहानी साहित्य : एक टोकरी भर मिट्टी – माधवराव सप्रे ईदगाह – प्रेमचंद जिंदगी और गुलाब के फुल – उषा प्रियंवदा युद्ध – शानी मिसेस डिसूजा के नाम पत्र – अलका सरावगी
इकाई – III	साहित्येतर पाठ्यक्रम : संवाद कौशल, सूत्रसंचालन, समूह चर्चा हिंदी कंप्यूटिंग : यूनिकोड (Unicode) की जानकारी। इंटरनेट की सामान्य जानकारी हिंदी सॉफ्टवेयर की जानकारी।

अंक विभाजन – पूर्णांक : 100

आंतरिक मूल्यांकन – 30 (लघुत्तरी परीक्षा – 20, शोध परियोजना/समूह परियोजना/मौखिक प्रस्तुति/क्षेत्रीय अध्ययन– 10)

सत्रांत परीक्षा – 70

Syllabus

Programme Name: B. A. Marathi
Course Name: Madhyayugin Marathi Sahitya

Class: S. Y. B. A.
Course Code: DSE 2A(3)

दुसरे सत्र
विषयाचे नाव

मध्ययुगीन मराठी साहित्य: निवडक मध्ययुगीन गद्य, पद्य [DSE 2 A (3)]

अभ्यासक्रमाची उद्दिष्टे :

१. मध्ययुगीन गद्य - पद्य साहित्यप्रकारांची ओळख करून घेणे.
२. नेमलेल्या अभ्यासपुस्तकातील मध्ययुगीन गद्य - पद्याचे आकलन, आस्वाद आणि विश्लेषण करणे.

घटक	तपशील	श्रेयांक	तासिका
१	मध्ययुगीन गद्य : महानुभावीय गद्य, बखर, ऐतिहासिक पत्रे; स्वरूप आणि विशेष मध्ययुगीन पद्य : अभंग, भारूड, गवळण, पोवाडा, लावणी; स्वरूप आणि विशेष	१	१५
२	अभ्यासपुस्तक निवडक मध्ययुगीन गद्य, पद्य संपादक प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. प्रभाकर देसाई, प्रा. डॉ. प्रकाश शेवाळे प्रशांत पब्लिकेशन्स, जळगाव	२	३०

संदर्भ ग्रंथ

१. पाच संतकवी, शं.गो.तुळपुळे
२. महाराष्ट्र सारस्वत, वि.ल.भावे,शं.गो.तुळपुळे
३. संत कवी आणि कवयित्री : एक अनुबंध, सुहासिनी इर्लेकर
४. संत साहित्य दर्शन, उषा देशमुख
५. प्राचीन मराठी वाङ्मयाचा इतिहास, ल. रा. नासिराबादकर
६. संत वचनामृत, रा. द. रानडे
७. ज्ञानेश्वरांची जीवननिष्ठा, गं. बा. सरदार
८. संत नामदेव, हे. वि. इनामदार
९. प्राचीन मराठी वाङ्मयाचा इतिहास, अ. ना. देशपांडे
१०. संत वाङ्मयाची सामाजिक फलश्रुती, गं. बा. सरदार
११. श्री एकनाथ: वाङ्मय आणि कार्य, न. र. फाटक
१२. तुकाराम दर्शन, सदानंद मोरे
१३. संतसाहित्य आकलन आणि अध्यापन, संपादक वसंत आबाजी डहाके आणि इतर, महाराष्ट्र राज्य माध्य. व उच्च माध्य. शिक्षण मंडळ, पुणे.
१४. नामदेव गाथा, ह. श्री. शेणोलीकर, साहित्य अकादेमी
१५. महानुभाव आणि वारकरी साहित्य, सुग्राम पुल्ले
१६. महानुभाव आणि वारकरी साहित्याचे अंतरंग, सुग्राम पुल्ले
१७. साहित्याची सामाजिकता, डॉ.सतीश बडवे,शब्दालय प्रकाशन,श्रीरामपूर,अहमदनगर.

Syllabus

Programme Name: B. A. Political Science
Course Name: An Introduction to Political Ideologies

Class: S. Y. B. A.

Savitribai Phule Pune University, Pune
S. Y. B. A. Political Science
(CBCS pattern to be implemented from 2020-2021)
Core Course (C.C.)

AN INTRODUCTION TO POLITICAL IDEOLOGIES

Objectives:

This course is designed to acquaint students with the –

1. Role of different political ideologies and their impact in politics
2. Close link between an idea and its actual realization in public policy
3. Legacy of all the major ideologies

	SEMESTER III CC-1 C (3)	PERIOD
Unit 1: Ideology		12
a) Origin, Meaning, Definition		
b) Nature		
c) Scope		
Unit 2: Nationalism		11
a) Meaning, Definitions and Elements		
b) Progressive and Reactionary		
c) Internationalism		
Unit 3: Democratic Socialism		11
a) Meaning and Nature		
b) Features		
c) Achievements and Limitations		
Unit 4: Fascism		11
a) Principles		
b) Factors responsible for the rise of Fascism		
c) Evaluation		
	SEMESTER IV CC-1 D (3)	
Unit 5: Marxism		12
a) Historical Materialism		
b) Marxian State		
c) Neo Marxism		

Unit 6: Phule-Ambekarism **11**

- a) Equality
- b) Cast & Religion
- c) Democracy

Unit 7: Gandhism **11**

- a) Truth and Non-Violence
- b) Theory of Gram Swaraj
- c) Satyagraha

Unit 8: Feminism **11**

- a) Meaning and Nature
- b) Liberal Feminism
- c) Feminism in India : Caste and Patriarchy

Readings:

1. D. Bell, 1960, *The End of Ideology*, New York, The Free Press.
2. देवरे सुरेश, २०२०, राजकीय विचार प्रणाली, (Semester 3, e-Book), Amazon Asia Pacific Hoardings Pvt. Ltd.
3. देवरे सुरेश, २०२०, राजकीय विचार प्रणाली, (Semester 4, e-Book), Amazon Asia Pacific Hoardings Pvt. Ltd.
4. E. Gellner, 1983, *Nations and Nationalism*, Oxford, Blackwell.
5. गायकवाड संजय, २०१९, मार्क्स आंबेडकर परिप्रेक्ष्यातून शिक्षण आणि रोजगार, पुणे, शब्दसंग प्रकाशन.
6. J. Bondurant, 1965, *Conquest of Violence: the Gandhian Philosophy of Conflict*, Berkeley, University of California Press.
7. L. P. Baradat, 1989, *Political Ideologies: Their Origins and Impact*, Englewood Cliffs NJ, Prentice Hall.
8. P. Gay, 1952, *The Dilemma of Democratic Socialism: Eduard Bernstein's challenge to Marx*, New York, Columbia University Press.
9. R. M. Christenson, et al., 1971, *Ideologies and Modern Politics*, London, Thomas Nelson and Sons.
10. R. N. Berki, 1975, *Socialism*, London, John Dent and Sons.
11. R. N. Iyer, 1973, *The Moral and Political Thought of Mahatma Gandhi*, New York, Oxford University Press.
12. Sayyad Yasinbhai Gulabbhai, 2018, *Modern Political Theory*, Kanpur, International Publication.
13. Sir I. Berlin, 1981, "Nationalism: Past Neglect and Present Power" in H. Hardy (ed.) *Against the Current*, Oxford, Oxford University Press.
14. तनपुरे संभाजी आणि भुमकार हनुमंत, २०१७, राजकीय विचार प्रणाली, औरंगाबाद, चिन्मय प्रकाशन.
15. The Liberal Tradition in China, 1983, *Hong Kong and New York*, Chinese University, Hong Kong Press.

Syllabus

Programme Name: B. A. English
Course Name: Compulsory English

Class: T. Y. B. A.

Unit-III- Grammar (08 Clock Hours)

1. Adverbs and their types (manner, place, time, frequency etc.)
2. Synthesis of sentences by using participles, infinitives, adverbials etc.)
3. Types of Sentences according to function: Declaratives, Interrogatives, Imperatives

Unit-IV- Writing (08 Clock Hours)

1. Paragraph Writing
2. Note-making and Note-taking
3. Reference Skills (Using dictionaries/thesaurus/encyclopedias/year books/table of contents/indices etc)

Unit-V- Soft Skills and Employability Skills (05 Clock Hours)

1. Body Language/Non-verbal Communication
2. Tips for Effective Communication
3. Telephone Skills
4. Teleconferences

SEMESTER-VI

Prescribed Text: *Exploring New Horizons* (Ed-Board of Editors-Orient BlackSwan)

Unit-I- Prose (12 Clock Hours)

1. Shakespeare's Sister – Virginia Woolf
2. After Twenty Years – O. Henry
3. The Conjuror's Revenge – Stephen Leacock

Unit-II- Poetry (12 Clock Hours)

1. The Man of Life Upright – Thomas Campion
2. Money Madness – D.H. Lawrence
3. The Toys – Coventry Patmore

Unit-III- Grammar (08 Clock Hours)

1. Transforming Declarative sentences into Yes-No questions
2. Transforming Declarative sentences into Wh- questions
3. Transforming Positive Imperative sentences into Negative imperatives

Unit-IV- Writing (08 Clock Hours)

1. Email Writing
2. Using Graphs and Charts

Syllabus

Programme Name: B. A. English
Course Name: Appreciating Novel

Class: T. Y. B. A.
Course Code: DSE-1C, 1D

- a) To introduce students to the basics of novel as a literary form
- b) To expose students to the historical development and nature of novel
- c) To make students aware of different types and aspects of novel
- d) To develop literary sensibility and sense of cultural diversity in students
- e) To expose students to some of the best examples of novel

* **Each** semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation. **(3x15=45+3=48)**.

* **Considering** the choice-based credit system (CBCS) and the semester pattern, both Semesters-V & VI will have a uniform evaluation pattern of 100 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester-end Examination' for 70 marks.

* **The Internal** Examination for 30 marks will be conducted at college level.

- a) Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
- b) A Mid-semester Written Test for 20 marks

* **Semester V and VI -DSE 3+1** = One credit is for Research Project/field visit/ or any other Subject-centric activities to be undertaken by the students in consultation with the concerned teacher. The concerned teachers have to evaluate and maintain the record of research project/field visit/ or any other subject-centric activity.

SEMESTER-V (DSE-1C)

Course content:

A) Theory of Novel: (20 Clock Hours)

- (a) What is Novel? A brief history of novel as a literary form
- (b) Elements of Novel: Theme, Characters, Plot, Structure Narrative
Techniques, Point of view, Conflict, Setting and atmosphere, Dialogue
- (c) Types of Novels: epistolary, picaresque, bildungsroman, historical, regional,
Psychological, satire, realistic, experimental novel, science fiction
- (d) In addition to this, other literary terms related to novel/fiction be considered
for background study

B) *Silas Marner*- George Eliot (25 Clock Hours)

SEMESTER-VI (DSE-1D)

A) *A Farewell to Arms*- Ernest Hemingway (20 Clock Hours)

B) *The Painter of Signs*- R. K Narayan (25 Clock Hours)

Human Values

Syllabus

Programme Name: B. A., B. Com, B. Sc. (First Year)

Course Name: Democracy, Election and Governance

Savitribai Phule Pune University, Pune

For All faculties

2 credit Compulsory course for all the First Year students in All
Faculties

Democracy, Election and Governance

Objectives:

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

Module 1 Democracy- Foundation and Dimensions

- a. Constitution of India
- b. Evolution of Democracy- Different Models
- c. Dimensions of Democracy- Social, Economic, and Political

Module 2 Decentralization

- a. Indian tradition of decentralization
- b. History of panchayat Raj institution in the post independence period
- c. 73rd and 74th amendments
- d. Challenges of caste, gender, class, democracy and ethnicity

Module 3 Governance

- a. Meaning and concepts
- b. Government and governance
- c. Inclusion and exclusion

References:

1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Prentice Hall of India.
3. Bhargava, R. (2008). *Political theory: An introduction*. Pearson Education India.

Syllabus

Programme Name: B. A. English
Course Name: Compulsory English

Class: F. Y. B. A.

F. Y. B. A Compulsory English

(w. e. f. 2019-2020)

(Choice Based Credit System)

70:30-Pattern

(70-Semester-End Exam & 30-Internal Evaluation)

Prescribed Text: *Literary Gleam: An Anthology of Prose and Poetry* (Board of Editors-Orient BlackSwan)

Objectives:

- a) To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English
- b) To instill human values and develop the character of students as responsible citizens of the world
- c) To develop the ability to appreciate ideas and think critically
- d) To enhance employability of the students by developing their linguistic competence and communicative skills
- e) To revise and reinforce structures already learnt in the previous stages of learning.

Semester-I

Prose:

1. Engine Trouble — R. K. Narayan
2. On Saying 'Please' — A. G. Gardiner
3. The Gift of the Magi — O. Henry

Poetry:

1. A Red, Red Rose — Robert Burns
2. Leave this Chanting and Singing — Rabindranath Tagore
3. The Felling of a Banyan Tree — Dilip Chitre

Grammar:

1. Articles
2. Prepositions
3. Verbs
 - Regular and Irregular Verbs
 - Auxiliary Verbs: Primary and Modal
4. Punctuation

Communication Skills:

1. Greeting and Taking Leave

Syllabus

Programme Name: B. A. History

Class: F. Y. B. A.

Course Name: Early Indian: From Prehistory to the Age of the Mauryas

F.Y.B.A. HISTORY

Under the Faculty of Humanities

Total Credits: 03

Semester-I Early India: From Prehistory to the Age of the Mauryas

Objectives:

The history of Early India is a crucial part of Indian history. It is a base for understanding the entire Indian history. The course is aimed at helping the student to understand the history of early India from the prehistoric times to the age of the Mauryas. It attempts to highlight the factors and forces behind the rise, growth and spread of civilization and culture of India along with the dynastic history. It also attempts to help the students to understand the contribution of Early Indians to polity, art, literature, philosophy, religion and science and technology. It also aims to foster the spirit of enquiry among the students by studying the major developments in early Indian history.

Unit I: Early India: Sources and Prehistory

[12]

- (a) Importance of Early History
- (b) Sources and Tools of historical reconstruction – Archaeology (Material remains), Epigraphy (Inscriptions), Numismatics (Coins), Literary Sources, Foreign Accounts
- (c) Palaeolithic, Mesolithic, Neolithic and Chalcolithic Cultures: A Brief Review

Unit II: Harappan Culture: Bronze Age Civilization

[12]

- (a) Geographical Extent, Town Planning, Trade, Religious Practices
- (b) Art, Crafts and Technology: Pottery, Seals, Beads, Images, Terracotta Figurines
Metallurgy, Script and Decline

Unit III: Vedic Culture, Religious Protest: Jainism and Buddhism

[12]

- (a) Vedic and Later Vedic Culture: Original home, Tribal Polity, Social Divisions, Rituals and Philosophy
- (b) Jainism and Buddhism: Causes of Origin, Doctrines, Contributions and Importance

Syllabus

Programme Name: B. A. Political Science
Course Name: An Introduction to Ideologies

Class: S. Y. B. A.

Savitribai Phule Pune University, Pune
S. Y. B. A. Political Science
(CBCS pattern to be implemented from 2020-2021)
Core Course (C.C.)

AN INTRODUCTION TO POLITICAL IDEOLOGIES

Objectives:

- This course is designed to acquaint students with the –
1. Role of different political ideologies and their impact in politics
 2. Close link between an idea and its actual realization in public policy
 3. Legacy of all the major ideologies

	SEMESTER III CC-1 C (3)	PERIOD
Unit 1: Ideology a) Origin, Meaning, Definition b) Nature c) Scope		12
Unit 2: Nationalism a) Meaning, Definitions and Elements b) Progressive and Reactionary c) Internationalism		11
Unit 3: Democratic Socialism a) Meaning and Nature b) Features c) Achievements and Limitations		11
Unit 4: Fascism a) Principles b) Factors responsible for the rise of Fascism c) Evaluation		11
	SEMESTER IV CC-1 D (3)	
Unit 5: Marxism a) Historical Materialism b) Marxian State c) Neo Marxism		12

Unit 6: Phule-Ambekarism

- a) Equality
- b) Cast & Religion
- c) Democracy

Unit 7: Gandhism

- a) Truth and Non-Violence
- b) Theory of Gram Swaraj
- c) Satyagraha

Unit 8: Feminism

- a) Meaning and Nature
- b) Liberal Feminism
- c) Feminism in India : Caste and Patriarchy

Readings:

1. D. Bell, 1960, *The End of Ideology*, New York, The Free Press.
2. देवरे सुरेश, २०२०, राजकीय विचार प्रणाली, (Semester 3, e-Book), Amazon Asia Pacific
3. देवरे सुरेश, २०२०, राजकीय विचार प्रणाली, (Semester 4, e-Book), Amazon Asia Pacific Ltd.
4. E. Gellner, 1983, *Nations and Nationalism*, Oxford, Blackwell.
5. गायकवाड संजय, २०१९, मार्क्स आंबेडकर परिप्रेक्ष्यातून शिक्षण आणि रोजगार, पुणे, शब्दसं
6. J. Bondurant, 1965, *Conquest of Violence: the Gandhian Philosophy of Conflict*, California Press.
7. L. P. Baradat, 1989, *Political Ideologies: Their Origins and Impact*, Englewood Hall.
8. P. Gay, 1952, *The Dilemma of Democratic Socialism: Eduard Bernstein's Challenge*, New York, Columbia University Press.
9. R. M. Christenson, et al., 1971, *Ideologies and Modern Politics*, London, Thomas
10. R. N. Berki, 1975, *Socialism*, London, John Dent and Sons.
11. R. N. Iyer, 1973, *The Moral and Political Thought of Mahatma Gandhi*, New York, Free Press.
12. Sayyad Yasinbhai Gulabbhai, 2018, *Modern Political Theory*, Kanpur, International
13. Sir I. Berlin, 1981, "Nationalism: Past Neglect and Present Power" in *H. H. Current*, Oxford, Oxford University Press.
14. तनपुरे संभाजी आणि भुमकार हनुमंत, २०१७, राजकीय विचार प्रणाली, औरंगाबाद, चिन्मय
15. The Liberal Tradition in China, 1983, *Hong Kong and New York*, Chinese University Press.

Syllabus

Programme Name: B. A. Marathi
Course Name: Adhunik Marathi Sahitya

Class: S. Y. B. A.
Course Code: DSE 1 A (3)

द्वितीय वर्ष कला (S. Y. B. A.)

पहिले सत्र

विषयाचे नाव

आधुनिक मराठी साहित्य : प्रकाशवाटा [DSE 1 A (3)]

अभ्यासक्रमाची उद्दिष्टे :

१. आत्मचरित्र या साहित्यप्रकाराचे स्वरूप, संकल्पना समजावून घेणे.
२. आत्मचरित्र या साहित्यप्रकाराच्या प्रेरणा आणि वाटचाल यांची ओळख करून घेणे.
३. ललित गद्यातील अन्य साहित्यप्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण समजावून घेणे.
४. नेमलेल्या या आत्मचरित्राचे आकलन, आस्वाद आणि विश्लेषण करणे.

घटक	तपशील	श्रेयांक	तासिका
१	आत्मचरित्र : संकल्पना, स्वरूप; प्रेरणा आणि वाटचाल ललित गद्यातील अन्य साहित्यप्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण	१	१५
२	अभ्यासपुस्तक प्रकाशवाटा - डॉ. प्रकाश आमटे समकालीन प्रकाशन, पुणे	२	३०

संदर्भ ग्रंथ:

१. चरित्र - आत्मचरित्र, अ. म. जोशी
२. चरित्र - आत्मचरित्र, सदा कऱ्हाडे
३. आत्मचरित्र मीमांसा, आनंद यादव
४. मराठीतील आत्मचरित्रपर लेखन, ऊषा हस्तक
५. मराठी वाङ्मय कोश, खंड ४, संपादक, विजया राजाध्यक्ष
६. आत्मचरित्र, मराठी विश्वकोश, खंड २
७. २० व्या शतकातील मराठी आत्मचरित्र, उषा हस्तक

Syllabus

Programme Name: B. A. History
Course Name: History of the Marathas

Class: S. Y. B. A.
Course Code: I (CC-1C)

Savitribai Phule Pune University, Pune

Proposed Syllabus in History for S.Y.B.A. (Credit System) from the academic Year 2020-21

Under the Faculty of Humanities

Core Course-I (CC- 1C)- 3 Credit

Semester -III-History of the Marathas: (1630-1707)

Learning Objectives:

1. To introduce the students to the regional history of medieval Maharashtra and India.
2. To study political, social and conceptual history of the Marathas in an analytical way with the help of primary sources.
3. To evaluate contribution of Chhatrapati Shivaji Maharaj to the establishment of Swarajya, contribution of successors and later development of the Maratha kingdom.
4. To study administrative Institutions of the Maratha.

Learning Outcome:

1. Student will develop the ability to analyse sources for Maratha History.
2. Student will learn significance of regional history and political foundation of the region.
3. It will enhance their perception of 17th century Maharashtra and India in context of Maratha history.
4. Appreciate the skills of leadership and the administrative system of the Marathas.

Pedagogy: Lectures/Visual presentation/ Role play/ Critical analysis/Assignments/Tests/Quiz/
e-learning

Unit-I: Sources and Rise of the Maratha Power	10
a) Literary Sources: Marathi and Foreign Sources (Portuguese, English, French)	
b) Background of the rise of Maratha Power	
c) Shahaji Raje, Rajmata Jijabai and Early Life of Chhatrapati Shivaji Maharaj	
Unit-II: Foundation of Swarajya to the Coronation, Karnataka Expedition	15
a) Relations with Adilshahi: Javali and Afzal Khan episode and its importance	
b) Relations with Mughals: Campaign of Shayasta Khan, Sack of Surat, expedition of Jaisingh, Visit to Agra	
c) Coronation and Karnataka Expedition	
Unit-III: Administration under Chhatrapati Shivaji Maharaj	08
a) Military	
b) Civil	

Syllabus

Programme Name: B. A. English
Course Name: Compulsory English

Class: T. Y. B. A.

core course is essentially a language course. Linguistic competence is absolutely necessary for achieving success in almost all the fields of life. Hence we have concentrated on some important aspects of grammar. There are certain writing skills and communicative skills required in all work environments today. These have also been included in the syllabus. Some soft skills and employability skills are necessary from the viewpoint of the employer as well as the employee for his own career advancement. In fact no employee can survive without these skills in the modern day work place. We have kept all these practical considerations in mind while preparing the present syllabus. It is thus a composite course focusing on human values and useful, practical skills.

Objectives:

- a) To familiarize students with some excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.
- b) To enable students to become competent and effective users of English in real life situations.
- c) To contribute to the overall personality development of the students.
- d) To instill humanitarian values and foster sympathetic attitude in the students.
- e) To train the students in practical writing skills required in work environment.
- f) To impart knowledge of some essential soft skills to enhance their employability.

***Each** semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation. **(3x15=45+3=48)**.

***Considering** the choice-based credit system (CBCS) and the semester pattern, both Semesters-V & VI will have a uniform evaluation pattern of 100 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester-end Examination' for 70 marks.

***The Internal** Examination for 30 marks will be conducted at college level.

- a) Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
- b) A Mid-semester Written Test for 20 marks

SEMESTER-V

Prescribed Text: *Exploring New Horizons* (Ed-Board of Editors- Orient BlackSwan)

Unit-I- Prose (12 Clock Hours)

1. The Phantom Luncheon – Saki
2. Function of Education – J. Krishnamurti
3. God sees the Truth but Waits – Leo Tolstoy

Unit-II- Poetry (12 Clock Hours)

1. The Neutral Tones – Thomas Hardy
2. Strange Meeting – Wilfred Owen
3. Have you got a brook in your little heart – Emily Dickinson

Syllabus

Programme Name: B. A. Marathi

Class: T. Y. B. A.

Course Name: Madhyayugin Marathi Vangmayacha Sthul Itihas DSE1 D (3+1)

दुसरे सत्र
विषयाचे नाव

मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास - इ.स. १६०० ते इ.स. १८१७ [DSE1 D (3+1)]

घटक	तपशील	श्रेयांक	तासिका
१	शिवकाल आणि पेशवेकाळातील वाङ्मयनिर्मिती १. या कालखंडांची सामाजिक आणि सांस्कृतिक पार्श्वभूमी २. संत तुकाराम : वाङ्मयनिर्मितीचे स्वरूप ३. संत रामदास : वाङ्मयनिर्मितीचे स्वरूप	१	१५
२	पंडित आणि शाहिरांची वाङ्मयनिर्मिती १. पंडिती वाङ्मय : स्वरूप, प्रेरणा, प्रवृत्ती, आणि वैशिष्ट्ये मुक्तेश्वर, वामनपंडित, रघुनाथपंडित, मोरोपंत २. शाहिरी वाङ्मय : स्वरूप, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये अनंत फंदी, परशराम, राम जोशी, प्रभाकर, होनाजी बाळा	१	१५
३	बखर आणि गद्य वाङ्मयनिर्मिती १. बखर वाङ्मय : स्वरूप, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये सभासदाची बखर, शिवछत्रपतींचे सप्तप्रकरणात्मक चरित्र, शिवदिग्विजय, पानिपतची बखर, भाऊसाहेबांची बखर. २. आज्ञापत्र	१	१५
४	संशोधनपर प्रकल्प / क्षेत्र कार्य (घटक १, २ आणि ३)	१	१५

संदर्भ ग्रंथ :

१. महाराष्ट्र सारस्वत, वि. ल. भावे
२. मराठी भाषेचा व वाङ्मयाचा इतिहास, बा. अ. भिडे
३. मराठी वाङ्मयाचा इतिहास, खंड पहिला, ल. रा. पांगारकर
४. प्राचीन मराठी वाङ्मयाचा इतिहास, भाग १, पूर्वार्ध आणि उत्तरार्ध, अ. ना. देशपांडे
५. महाराष्ट्रीयानांचे काव्यपरीक्षण, श्री. व्यं. केतकर
६. मराठी वाङ्मयाभिरुचीचे विहंगमावलोकन, जोग रा. श्री.
७. पाच भक्तीसंप्रदाय, र. रा. गोसावी
८. महाराष्ट्रातील पाच संप्रदाय, पं. रा. मोकाशी
९. नाथ संप्रदाय : उदय व विकास, प्र. न. जोशी
१०. मराठी साहित्याचे आदिबंध, उषा मा. देशमुख
११. यादवकालीन महाराष्ट्र, मु. गो. पानसे
१२. यादवकालीन मराठी, शं. गो. तुळपुळे
१३. महानुभवीय मराठी वाङ्मय, य. खु. देशपांडे
१४. महानुभाव पंथ आणि त्यांचे वाङ्मय, शं. गो. तुळपुळे
१५. श्रीचक्रधर : चरित्र, वि. भि. कोलते

Syllabus

Programme Name: B. A. History
Course Name: Indian National Movement

Class: T. Y. B. A.

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for T.Y.B.A. (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Core Course 3 :(3 Credit)

Semester V: Course Title: - Indian National Movement (1885-1947)

Learning Objectives:

1. The course is designed to make the students aware about the making of Modern India and the struggle for independence.
2. To make the students aware of the multi-dimensionality of Modern India.
3. To highlight the ideas, institutions, forces and movements that contributed to be shaping of Indian Modernity.
4. To acquaint the students with various interpretative perspectives.

Learning Outcomes:

1. It will enable students to develop an overall understanding of Modern India.
2. It will increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.
3. Students will understand various aspects of the Indian Independence Movement and the creation of Modern India.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Unit I: Rise and Growth of Indian Nationalism 12

- a) Causes for the Rise of Indian Nationalism
- b) Foundation of Indian National Congress.
- c) Moderate Nationalists and Assertive Nationalists
- d) Revolutionary Nationalists.

Unit II: Mass Movement 9

- a) Non Co-Operation Movement.
- b) Civil Disobedience Movement.
- c) Quit India Movement.

Unit III: Towards Independence and Partition. 12

- a) Two Nation Theory: Establishment of Muslim League and Hindu Mahasabha, Growth of Communalism, Genesis of Pakistan.
- b) Indian National Army.
- c) Transfer of Power: The Cripps Mission, The Cabinet Mission, The Mountbatten Plan, Indian Independence Act and Partition.

Syllabus

Programme Name: B. A., B. Com, B. Sc., M. Com., M. Sc.
Course Name: Introduction to Constitution

Class: All F. Y. UG & PG

INTRODUCTION TO CONSTITUTION

(TWO CREDITS)

Course Objectives: This course introduces students to the Constitution of India. The Constitution, being supreme law of the land, must be known to every citizen of India. It begins with the Preamble, which indicates the source and objects of it. We, the people of India, are the source of the Constitution and have resolved to constitute India into a sovereign, socialist, secular, democratic and republic. The Course has been designed for everyone to make acquaint themselves with their fundamental rights and of others. No right is absolute one; it is subject to others right, as well. Directive Principles of State Policy are nothing but rights, though not enforceable by any court. These Directive Principles are basically 'Fundamental Principles' in the governance of the country. Powers and freedoms come with responsibility, State's responsibility to implement Directive Principles and citizens must perform their duties towards others, society and nation.

Expected Course Outcomes:

To introduce the philosophy of Constitution of India to students.
To acquaint them with their freedoms and responsibilities.

UNIT 1: PHILOSOPHY OF THE INDIAN CONSTITUTION (5 Hours)

- a) Constitutional History of India
- b) Role of Dr. B.R. Ambedkar in Constituent Assembly
- c) Preamble – Source and Objects
- d) Sovereign and Republic
- e) Socialist and Secular
- f) Democratic – Social and Economic Democracy
- g) Justice – Social, Economic and Political
- h) Liberty – Thought, Expression, Belief, Faith and Worship
- i) Equality – Status and Opportunity
- j) Fraternity, Human Dignity, Unity and Integrity of the Nation

UNIT 2: FUNDAMENTAL RIGHTS (10 Hours)

- a) Right to equality
- b) Right to freedoms
- c) Right against exploitation
- d) Right to freedom of religion
- e) Cultural and educational rights
- f) Right to property
- g) Right to constitutional remedies

UNIT 3: DIRECTIVE PRINCIPLES OF STATE POLICY (10 Hours)

- a) Equal Justice and free legal aid
- b) Right to work and provisions for just and humane conditions of work
- c) Provision for early childhood, Right to education and SC,ST, weaker section
- d) Uniform Civil Code
- e) Standard of Living, nutrition and public health
- f) Protection and improvement of environment
- g) Separation of Judiciary from executive
- h) Promotion of International peace and security

UNIT 4: FUNDAMENTAL DUTIES (5 Hours)

- a) Duty to abide by the Constitution
- b) Duty to cherish and follow the noble ideals
- c) Duty to defend the country and render national service
- d) Duty to value and preserve the rich heritage of our composite culture
- e) Duty to develop scientific temper, humanism, the spirit of inquiry & reform
- f) Duty to safeguard public property and abjure violence
- g) Duty to strive towards excellence

Text/Reference Books:

- a) D. D. Basu, Introduction to the Constitution of India, LexisNexis
- b) Granville Austin, The Constitution of India: Cornerstone of a Nation, Oxford University Press
- c) Subhash Kashyap, Our Constitution, National Book Trust
- d) M.P. Jain, Indian Constitutional Law, LexisNexis

Syllabus

Programme Name: M. Com., M. Sc.
Course Name: Human Right and Duties

Class: All PG I & II
Course code: 92



UNIVERSITY GRANTS COMMISSION NET BUREAU

Subject: HUMAN RIGHTS AND DUTIES

Code No. 92

SYLLABUS

Unit-I

HUMAN RIGHTS AND DUTIES: CONCEPT AND NATURE

- The Basic Concepts: Individual, Group, State, Non-State Actors, Civil Society, Liberty, Freedom, Equality, Rights, Justice; Human Values: Humanity, Compassion, Virtues, Human Dignity and Human Duties
- Human rights as universal, inherent, inalienable rights and moral rights; Universal human rights vs. Cultural Relativism, Naturalist-Positivists Debate
- Indian Concepts: *Raj Neeti, Lok Neeti, Danda Neeti, Nyaya, Dharma*
- Different Generations of Human Rights
- Liberal Perspective: Locke, Rousseau, Thomas Paine, J.S. Mill, Classical Liberalism, Neo-liberalism
- Marxian Perspective: Marx, Gramsci, Rosa Luxemburg
- Gandhian Perspective (Ruskin, Thoreau, Tolstoy): State, Power, *Swaraj*, Rights and Duties
- Dalit Perspective: Phule, Narayna Guru, Ambedkar
- Religious Perspectives
- Feminist Perspective

Unit-II

ORIGIN AND EVOLUTION OF HUMAN RIGHTS AND INTERNATIONAL STANDARDS

- Human Rights in Ancient Thoughts
- Human Rights in Middle Ages, *Magna Carta*
- Modern Movement of Human rights, Lockean Philosophy: Theory of Natural Rights, American Declaration of Independence, American Bill of Rights, The French Revolution and its goals of Liberty, Equality and Fraternity, Marxist Revolutions, Anti-Colonial Movements, Freedom Movement in India
- International Standard Setting – Universal Declaration of Human Rights (1948)

- International Humanitarian Law: 1949 Geneva Conventions and Additional Protocols of 1977 – International Red Cross Society
- International Criminal Tribunals (Rwanda and Former Yugoslavia) and the International Criminal Court (ICC)
- International Intervention: The Question of Nation-State, Citizenship and Sovereignty
- Right of Self-Determination: Autonomous Movements, Secessionist Movements
- Grassroots Movements and Human Rights

Unit-V

UN AND VARIOUS AGENCIES, INTERGOVERNMENTAL (IGOs) AND NON-GOVERNMENTAL ORGANIZATIONS (INGOs)

- UN: Establishment, Objectives, and the Charter Provisions
- UN Principal Organs: General Assembly, Economic and Social Council, Security Council
- Subsidiary Organ: Human Rights Council
- The Human Rights Council Advisory Committee
- Specialized Agencies: UNICEF, UNESCO, ILO, WHO
- INGOs such as the International Commission of Jurists (ICJ), Amnesty International (AI), Human Rights Watch, Greenpeace
- People's Union for Civil Liberties (PUCL), People's Union for Democratic Rights (PUDR) and Other Civil and Democratic Rights Organizations in India.
- UN High Commission for Refugees (UNHCR)
- UN Commission on the Status of Women
- UN High Commissioner for Human Rights

Unit-VI

GROWTH MODELS AND HUMAN RIGHTS

- Models of Development: Growth Approach, Basic Needs Approach, Sustainable Human Development, Rio Declaration on Environment and Development, 1992, Rio +20, Conservation of Natural Resources, Agenda 21, Bio-Diversity Convention 1992
- Globalization and Human Rights: Dynamics of Globalization, Emergence of Market Forces, Assertion of Civil Society, Retreat of State, Privatization, Liberalization
- Emergence of Information Age
- Economic Growth Strategies (Developing Countries): Implications for Poverty Eradication, Employment issues, Planned Development and Social Inequality
- World Trade Organization: Implication for Human Rights, Impact on Developing Countries with special reference to India

- Intellectual Property Rights: Patents Law, Trade Related Intellectual Property Rights (TRIPS), Trade Related Investment Measures (TRIMS), General Agreement on Trade and Services (GATS), Agreement On Agriculture (AOA)
- Transnational Corporations (TNCs) and Human Rights Situation in Developing Countries
- Right to Development: The Third World Concerns, Working Group Recommendations, UNDP – initiatives, UN Declaration on the Right to development
- State and Development of the Marginalized/Disadvantaged Groups in India: The Poor, the Unemployed and the Socially Dislocated People
- Workers' Rights, Minimum Wages Act – Problems of Implementation, Right to Security of Food, Health, Education

Unit-VII

DEVELOPMENT, UNDERDEVELOPMENT AND SOCIAL ACTION

- Need for Collective Action in Developing Societies and Methods of Social Action
- Land, Water and Forest Issues with special reference to India
- Social Movements: Political, Social and Religious Reform
- National Commission for Women, Children, Minorities, Scheduled Castes and Scheduled Tribes
- Backward Class, Dalit and Women Movements
- Agrarian and Peasant Movements
- Right to a Healthy Environment
- Principle of Sustainable Development
- Ecological and Environment Movements
- Civil Societies and NGOs, NGOs of India

Unit-VIII

HUMAN RIGHTS AND INDIAN CONSTITUTION

- Indian Civilization: Change and Continuity.
- Indian Constitution: Freedom Movement
- Indian Constitution: Sociological Foundation
- Constitutional Vision of Role of the State
- Constitutional Vision of Freedom: Fundamental Rights and the International standards
- Constitutional Vision of Justice: Directive Principles of State Policy and international standards
- Public Interest Litigation (PIL), Indian Judiciary and Human Rights
- Judicial Interpretations: Landmark Judgments Fundamental Duties
- Constitutional Amendments
- Fundamental Duties

Unit-IX

CONSTITUTIONAL GOVERNANCE

- Rule of law, Good Governance
- Constitutional Organs: Inter-and intra-Relationships/Conflict and Cooperation.
- Fundamental Rights and Repressive Laws: Preventive Detention and Anti-Terrorist Legislations, Armed Forces Special Power Act
- Imposition of National Emergency: The Societal Experience.
- The Criminal Justice System: Crime, Punishment and Human Rights with Special Reference to IPC & Cr. P.C. and Indian Evidence Act
- Economic, Social and Cultural Rights: The Directive Principles of State Policy: The Question of Effectiveness and Enforcement; their relationship with Fundamental Rights
- Legislation for the Weaker Sections: The Questions of Enforcement
- Law Enforcing Agencies: Police, Military and Para-Military Forces – Emerging Experience
- Human Rights Enforcement: The Protection of Human Rights Act, 1993, NHRC, State Human Rights Commissions, Human Rights Courts
- Human Rights Education: Problems and Prospects

Unit-X

INTERNATIONAL ENFORCEMENT OF HUMAN RIGHTS

- Treaty Bodies under the 'Core' Human Rights Conventions: General Overview
- "Universal Periodic Review" and "Special Procedures"
- Human Rights Committee (HRC)
- Committee on Economic and Social Rights (CESCR)
- Committee on Elimination of All Forms of Discrimination against Women (CEDAW)
- European Court of Human Rights (ECHR)
- Inter-American Commission on Human Rights
- Inter-American Court of Human Rights
- African Commission on Human and Peoples' Rights
- African Court of Justice and Human Rights 2008

Course II

Human rights of vulnerable and disadvantaged groups

Credit: 1

I) General Introduction

- a) Meaning and Concept of Vulnerable and Disadvantaged
- b) Groups, Customary, Socio-Economic and Cultural Problems of
- c) Vulnerable and Disadvantaged Groups

II) Social status of women and children in International and national perspective

- a) Human Rights and Women's Rights –International and National Standards
- b) Human Rights of Children-International and National Standards

III) Status of Social and Economically Disadvantaged people

- a) Status of Indigenous People and the Role of the UN
- b) Status of SC/ST and Other Indigenous People in the Indian Scenario
- c) Human Rights of Aged and Disabled
- d) The Minorities and Human Rights

IV) Human rights of vulnerable groups

- a) Stateless Persons
- b) Sex Workers
- c) Migrant Workers
- d) HIV/AIDS Victims

Course III

Human Rights and Duties in India: Law, Policy, Society and Enforcement

Mechanism

Credit: 1

- I. Human Rights in Indian Context**
 - a) Indian Bill of Rights And Sarvodaya
 - b) Preamble- Fundamental Rights- Directive Principles-Fundamental Duties

- II. Human Rights- Enforcement Mechanism**
 - a) Human Rights Act, 1993
 - b) Judicial Organs- Supreme Court (Art 32) And High Courts(Art 226)
 - c) Human Rights Commission- National and State of Maharashtra
 - d) Commission of Women, children , Minority, SC/ST
 - e) Survey of International Mechanism

- III. Human Rights Violations and Indian Polity**
 - a) Inequalities in society-population-illiteracy-poverty-caste-inaccessibility of legal redress
 - b) Abuse of Executive Power-Corruption-Nepotism and favoritism
 - c) Human Rights and Good Governance
 - d)

- IV. Role of Advocacy Groups**
 - a) Professional Bodies: Press, Media, Role of Lawyers-Legal Aid
 - b) Educational Institutions
 - c) Role of Corporate Sector
 - d) NGO's

Syllabus

Programme Name: M. Com.
Course Name: Human Resource Management

Class: M. Com. - I
Course code: 313

SPECIAL ELECTIVE SUBJECT - Group F (Business Administration)

Subject: Human Resource Management Course Code: 313 Total Credits: 04

Objectives:

1. To understand the basic concepts of Human Resource Management and changing role of HRM in business.
2. To impart adequate knowledge and analytical skills in the field of HRM, HRP and development, Recruitment and Selection Process.
3. To understand the concepts of Training and Development, Performance Appraisal and Merit Rating.
4. To expose the students to the concept, significance and uses of the concepts like Retirement/ Retrenchment Strategies and Recent Trends in HRM
5. To know the concept of Competency mapping
6. To understand the E-HR and recent trends in Human Resource management.

Depth of the program – Fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose skills to be developed	Lectures Allotted
1	Human Resource Management- An Overview	1.1 Introduction to Human Resource Management: Meaning & Definition, Concept, Approaches, Functions. 1.2 Challenges of Human Resource Management in changing business scenario. 1.3 Human Resource Environment: Technology and Structure, Network Organization's, Workforce Diversity, 1.4 HRM- Dual Career Employees, Employee Contract/ Leasing Global Competition,WTO and Labour Standards	<ul style="list-style-type: none"> ▪ To understand the meaning, definition and concepts of HRM and get the knowledge about the approaches, functions and challenges of HRM in changing scenario of the business. ▪ Get well acquainted with human resource environment -technology and structure, network organisations, workforce diversity ▪ To understand the, dual career employees, employee Contract/ leasing,Global Competition, , WTO and Labour Standards. 	12
2	Human Resource Planning and Development	2.1 Objectives, Need and Estimation 2.2 Recruitment: Definition, Sources and Policy 2.3 Selection: Definition, Process and assessment, Interview and Inductio.	<ul style="list-style-type: none"> ▪ To understand the objectives of HRP and development. ▪ To make students able to find the need and estimation of HRP and development. ▪ Get well acquainted with the concept of 	12

SPPU/M.Com Part II /Semester III/ Revised Syllabus/(2019 Pattern)/CBCS/July 2020 Onwards/MLV-HVD

Page 40

Environment and Sustainability

Syllabus

Programme Name: B. A. Geography

Class: F. Y. B. A.

Course Name: Physical Geography and Human Geography

CBCS: 2019-2020

F.Y.B.A.

Geography

Details of Syllabus:

Semester I

Physical Geography

Sr. No	Topic	Sub Topics	Teaching Hours	Total Credits
1.	Introduction to Physical Geography	1) Definitions of Physical Geography 2) Nature and scope of Physical Geography 3) Branches of Physical Geography 4) Introduction about the Earth system (Lithosphere, Atmosphere, Hydrosphere and Biosphere)	12	03
2	Lithosphere	1) Interior of the earth 2) Wegner's Continental Drift Theory 3) Davis Concept of Cycle of erosion	12	
3	Atmosphere	1) Structure of the atmosphere 2) Heat Balance 3) Pressure belts and wind system 4) Forms and types of Precipitation	12	
4	Hydrosphere	1) Hydrological cycle 2) General structure of ocean floor 3) Waves and Tides 4) Field Visit (Not more than one day) for observations geographical places and landforms.	12	

Reference Books

- 1) Clyton K., (1986), Earth Crust, AdusBook, London.
- 2) Davis W. M., (1909), Geographical Essay, Ginnia Co.
- 3) Dayal P., (1996), Text Book of Geomorphology, Shukla Book Depot, Patna.
- 4) Kale V.S. and Gupta A., (2015), Introduction of Geomorphology, University Press, PVT Kolkata.
- 5) Kale V.S. and Gupta A., (2001), Elements of Geomorphology, Oxford Univ. Press.
- Monkhouse, (1951), Principle of Physical Geography, McGraw Hill Pub – New York.
- 6) Pitty A. F., (1974), Introduction to Geomorphology, Methuen London.
- 7) Singh Savindra, (2000), Physical Geography, PrayagPustakBhavan, 20-A, University Road, Allahabad – 211002.
- 8) Steers J. A., (1964), The Unstable Earth Some Recent Views in Geography, Kalyani Publishers, New Delhi.
- 9) Swaroop Shanti, (2006), Physical Geography, King Books, NaiSarak, Delhi –110006.
- 10) Wooldridge S. W. and Morgan R. S., (1959), The Physical Basis of Geography and Outline of Geomorphology, Longman Green and Co. London.
- 11) More, Pagar&Thorat, (2014), Elements of Climatology & Oceanography, (Marathi), Atharv Publication, Pune
- 12) S MUKHERJEE, UNDERSTANDING PHYSICAL GEOGRAPHY, ORIENT BLACKSWAN (PVT)LTD

Semester II**DSE (Discipline Specific Elective) - II Geography**
Human Geography

Sr. No	Topic	Sub Topics	Teaching Hours	Credits
1.	Introduction to Human Geography	1) Definitions of Human Geography 2) Nature and scope of Human Geography 3) Branches and importance of Human Geography	12	03
2	Population	1) Factors affecting on distribution of population 2) Theory of demographic transition 3) Composition of Indian population (Gender and literacy)	12	
3	Settlements	1) Types and pattern of rural Settlements 2) Urbanisation in India 3) Urbanisation in Maharashtra	12	
4	Agriculture	1) Types of Agriculture 2) Factors affecting on Agriculture activity 3) Problems of Indian agriculture	12	

Reference Books

1. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.
2. Hassan, M.I. (2005) Population Geography, Rawat Publications, Jaipur
3. Daniel, P.A. and Hopkinson, M.F. (1989) The Geography of Settlement, Oliver & Boyd, London.
4. Musmade Arjun, Sonawane Amit and Jyotiram More, Population & Settlement Geography, (2015), Diamond Publication Pune.
5. Jyotiram More and Musmade Arjun (2015) Regional Geography of India .Diamond Publication Pune.
6. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell Publication.
7. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
8. Kaushik, S.D. (2010) Manavi Bhugol, Rastogi Publication, Meerut.
9. Maurya, S.D. (2012) Manav Bhugol, Sharda Pustak Bhawan. Allahabad.
10. Sudepta Adhikari (2016) Orient Blackswan PVT, New Delhi.
12. Sumitra Ghosh (2015), Introduction of Settlement Geography. Orient Blackswan PVT Kolkata.
13. Ghosh B.N. : Fundamentals of Population Geography
14. Hussin M. : Human Geography 1994
15. Money D.S. : Human Geography

Syllabus

Programme Name: B. A. Geography
Course Name: Environmental Geography

Class: S. Y. B. A.

CBSE: 2020-21

S.Y.B.A.

Geography

S.Y.B.A. Geography (G2) Syllabus for Semester III

Name of Subject: Environment Geography- I, Subject Code: Gg.210 (A)

Objectives:

1. To create the awareness about dynamic environment among the student.
2. To acquaint the students with fundamental concepts of environment geography for development in different areas.
3. The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography.
4. To make aware the students about the problems of environment, their utilization and conservation in the view of sustainable development

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Environmental Geography	1. Definition, Nature and scope of Environmental Geography. 2. Types of Environment 3. Importance of Environmental Geography 4. Approaches to study of environmental Geography	12	03
2	Ecosystem	1. Meaning, concept and definition of ecosystem. 2. Structure (Biotic and Abiotic factors) and food chain, Tropic Level, food web, energy flow 3. Types of ecosystem a) Equatorial Forest and b) Pond Ecosystem	12	
3	Biodiversity and its conservation	1. Concept of biodiversity 2. Economic value and potential of biodiversity 3. Loss of biodiversity and hotspots in India 4. Conservation of biodiversity	12	
4	Environmental Pollution	1. Concept of Pollution 2. Air pollution-Causes, effects and control measures 3. Water pollution-Causes, effects and control measures 4. Soil pollution-Causes, effects and control measures	12	

Reference Book:

1. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
2. Saxena H.M., 2017, Environmental Geography(Ed III), Rawat Publications, Jaipur
3. Odum E.P. et al.2005, Fundamentals of Ecology, Cengage Learning, India

Syllabus

Programme Name: B. Sc. Zoology
Course Name: Animal Diversity

Class: F. Y. B. Sc.

CBCS: 2019-2020

F. Y. B. Sc.

Zoology

Animal Diversity I & II

Objectives:

1. To understand the Animal diversity around us.
2. To understand the underlying principles of classification of animals.
3. To understand the terminology needed in classification.
4. To understand the differences and similarities in the various aspects of classification.
5. To classify invertebrates and to be able to understand the possible group of the invertebrate observed in nature. to understand our role as a caretaker and promoter of life.

Learning outcomes for the course:

1. The student will be able to understand classify and identify the diversity of animals.
2. The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.
3. The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.

Course Title: Animal Diversity –I

Course Code-ZO-111

Semester I

(2 credits-30 lectures)

No.	Title & Contents	Number of lectures
1.	Principles of Classification: Taxonomy & Systematics 1.1 Taxonomy: Basic terminology and Introduction <ul style="list-style-type: none">• Alpha, Beta and Gamma levels of taxonomy, Micro-taxonomy• Macro taxonomy: Phenetics (numerical taxonomy, Cladistics (Phylogenetic systematics), Evolutionary taxonomy (evolutionary systematics)• Classical taxonomy and experimental or neo taxonomy (biochemical taxonomy and Cytotaxonomy)• Significance of Taxonomy 1.2 Systematics: definition introduction	(05)

1.3 Linnaean system of classification (Six level classification: Phylum, class, order, family, genus, species)

1.4 Concept of Species: Biological & Evolutionary

1.5 Introduction to Binomial Nomenclature.

1.6 Introduction to Five kingdom system.

2. **General Features of kingdom Animalia** (02)

2.1 General characters of Kingdom Animalia, Grades of organization

2.2 Symmetry.

3. **Kingdom Protista (Phylum: Protozoa)** (07)

3.1 Introduction to Phylum Protozoa

3.2 Salient features of Phylum Protozoa

3.3 Classification of Phylum Protozoa up to classes with two examples of each class (names only).

Class Rhizopoda (e.g :*Entamoeba histolytica*, *Arcella*),

Class Mastigophora (e.g: *Euglena viridis*, *Trypanosoma gambiense*),

Class Ciliata (e.g *Paramecium caudatum*, *Opalina ranarum*),

Class Sporozoa (e.g *Plasmodium vivax*, *Toxoplasma gondii*)

3.4 Locomotion in Protozoa: Amoeboid, Ciliary and Flagellar with suitable examples

3.5 Type Study: ***Paramecium caudatum***: Classification, Habit and Habitat, External morphology, Feeding and digestion, Excretion, Reproduction (binary fission and conjugation)

3.6. Economic importance of Protozoa (three harmful and one useful protozoan)

3.6.1-Harmful Protozoa:

Plasmodium vivax (malarial parasite),

Entamoeba histolytica (Amoebic dysentery),

Trypanosoma gambiense (Gambian sleeping sickness).

3.6.2- Useful Protozoa:

Trichonympha

Syllabus

Programme Name: B. Sc. Botany

Class: F. Y. B. Sc.

Course Name: Plant life and Utilization I and II

CBCS: 2019-2020

F. Y. B. Sc.

Botany

SEMESTER-I: PAPER-I

BO-111: PLANT LIFE AND UTILIZATION I (30 Lectures)

CREDIT-I

15 Lectures (15 Hours)

1. INTRODUCTION

3 L

General outline of plant kingdom (**Lower Cryptogams**: Thallophytes-Algae, Fungi & Lichens; **Higher Cryptogams**: Bryophytes and Pteridophytes; **Phanerogams**: Gymnosperms and Angiosperms-Dicotyledons and Monocotyledons). Distinguishing characters of these groups and mention few common examples from each.

2. ALGAE

9 L

- 2.1: Introduction
- 2.2: General Characters
- 2.3: Classification (Bold and Wynne 1978) up to classes with reasons
- 2.4: Life Cycle of *Spirogyra* w.r.t. Habit, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual and Sexual, systematic position with reasons
- 2.5: Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder

3. LICHENS

3 L

- 3.1: Introduction
- 3.2: General Characters
- 3.3: Nature of Association, forms- Crustose, Foliose and Fruticose.
- 3.4: Utilization of lichens.

CREDIT-II

15 Lectures (15 Hours)

4. FUNGI

9 L

- 4.1: Introduction
- 4.2: General Characters
- 4.3: Classification (Ainsworth, 1973)
- 4.4: Life Cycle of Mushroom- *Agaricus bisporus* w.r.t. Habit, Habitat, Structure of thallus, Structure of Sporocarp, Structure of Gill, Reproduction- Asexual and sexual, Systematic position.
- 4.5: Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals.

5. BRYOPHYTES

6 L

- 5.1: Introduction
- 5.2: General Characters
- 5.3: Classification (G.M. Smith 1955)
- 5.4: Life Cycle of *Riccia* w.r.t. Habit, habitat, external and internal structure of thallus, Reproduction- vegetative, asexual and sexual- Structure of sex organs, fertilization, structure of mature sporophyte, structure of spore, systematic position with reasons.
- 5.5: Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine.

(Development of sex organs not expected for all the above mentioned life cycles).

Syllabus

Programme Name: B. A., B. Com and B. Sc.
Course Name: Plant life and Utilization I and II

Class: S. Y.

Ability Enhancement Compulsory Courses (AECC – Environmental Studies)

Unit 1: Introduction to environmental studies

- Multidisciplinary nature of environmental studies; components of environment – atmosphere, hydrosphere, lithosphere and biosphere.
- Scope and importance; Concept of sustainability and sustainable development.
(2 Lectures)

Unit 2: Ecosystems

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession. Case studies of the following ecosystems:
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)
(6 Lectures)

Unit 3: Natural Resources: Renewable and Non-renewable Resources

- Land Resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).
- Heating of earth and circulation of air; air mass formation and precipitation.
- Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.
(8 Lectures)

Unit 4: Biodiversity and Conservation

- Levels of biological diversity :genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

(8 Lectures)

Unit 5: Environmental Pollution

- Environmental pollution : types, causes, effects and controls; Air, water, soil, chemical and noise pollution
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste..
- Pollution case studies.

(8 Lectures)

Unit 6: Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.
- Environment Laws : Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; International agreements; Montreal and Kyoto protocols and conservation on Biological Diversity (CBD). The Chemical Weapons Convention (CWC).
- Nature reserves, tribal population and rights, and human, wildlife conflicts in Indian context

(7 Lectures)

Unit 7: Human Communities and the Environment

Syllabus

Programme Name: B. Sc. Chemistry
Course Name: Environmental Chemistry

Class: T. Y. B. Sc.
Course Code: CH-511 (A)

CBCS: 2019 Pattern

T. Y. B. Sc.

Chemistry

Structure of T. Y. B. Sc. Chemistry

(According to CBCS – 2019 Pattern of SPPU)

Semester	DSEC/SEC	Nature	Paper Code	Code and Title	Credits/Lectures
V	DSEC-I	Theory	CH-501	Physical Chemistry-I	Credit-2, 36 L
		Theory	CH-502	Analytical Chemistry-I	Credit-2, 36 L
		Practical	CH-503	Physical Chemistry Practical-I	Credit-2, 73 L
	DSEC-II	Theory	CH-504	Inorganic Chemistry-I	Credit-2, 36 L
		Theory	CH-505	Industrial Chemistry	Credit-2, 36 L
		Practical	CH-506	Inorganic Chemistry Practical-I	Credit-2, 73 L
	DSEC-III	Theory	CH-507	Organic Chemistry-I	Credit-2, 36 L
		Theory	CH-508	Chemistry of Biomolecules	Credit-2, 36 L
		Practical	CH-509	Organic Chemistry Practical-I	Credit-2, 73 L
	SEC-I	Theory	CH-510	(A) Introduction of Medicinal Chemistry OR (B) Polymer Chemistry	Credit-2, 36 L
SEC-II	Theory	CH-511	(A) Environmental Chemistry OR (B) Chemo informatics	Credit-2, 36 L	
VI	DSEC-IV	Theory	CH-601	Physical Chemistry-II	Credit-2, 36 L
		Theory	CH-602	Physical Chemistry -III	Credit-2, 36 L
		Practical	CH-603	Physical Chemistry Practical-II	Credit-2, 73 L
	DSEC-V	Theory	CH-604	Inorganic Chemistry-II	Credit-2, 36 L
		Theory	CH-605	Inorganic Chemistry-III	Credit-2, 36 L
		Practical	CH-606	Inorganic Chemistry Practical-II	Credit-2, 73 L
	DSEC-VI	Theory	CH-607	Organic Chemistry-II	Credit-2, 36 L
		Theory	CH-608	Organic Chemistry-III	Credit-2, 36 L
		Practical	CH-609	Organic Chemistry Practical-II	Credit-2, 73 L
	SEC III	Theory	CH-610	(A) Chemistry of Soil and Agrochemicals OR (B) Introduction of Forensic Chemistry	Credit-2, 36 L
SEC IV	Theory	CH-611	(A) Analytical Chemistry-II OR (B) Chemistry of Cosmetics and Perfumes	Credit-2, 36 L	

SEC-II: CH-511: Skills Enhancing Course-II**[Credit -2, 36 L]****Choose one out of the two options, A and B.****CH-511 (A) : Environmental Chemistry**

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Concepts and Scope of Environmental Chemistry	06
2	Hydrosphere and Water Pollution	10
3	Analytical Techniques in water Analysis	10
4	Water pollution and treatment methods	10
Total		36

1: Concepts and Scope of Environmental Chemistry**(06L)**

Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system

Reference: 1, 2, 3

Aims and objectives: -Students should know:

- i. Importance and conservation of environment.
- ii. Importance of biogeochemical cycles

2: Hydrosphere and Water Pollution**(10L)**

Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants
Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides, Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.

Reference: 1 Page no -47-62,

Aims and Objectives:- Students should know:

- i. Water resources
- ii. Hydrological Cycle
- iii. Organic and inorganic pollutants
- iv. Water quality parameters

3. Analytical Techniques in water Analysis**(10 L)**

Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd,

Cr, Cu, Fe, Pb, Mn, Hg (Exclude polarographic and AAS methods), COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.

Ref-1: 225-278

4. Water pollution and treatment methods (10 L)

Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)

Ref-1: 167-225

Reference-1: Environmental Chemistry – A. K. De, Third Edition (Wiley)

Additional References:

1. Environmental Chemistry – A. K. De, 5th Edition (New age international publishers)
2. Environmental Chemistry – A. K. Bhagi and C. R. Chatwal (Himalaya Publishing House)
3. Environmental Chemistry – H. Kaur 2nd Edition 2007, Pragati Prakashan, Meerut, India
4. Environmental Chemistry – J. W. Moore and E. A. Moore (Academic Press, New York)
5. Basic Concepts of Analytical Chemistry: S. M. Khopkar, Wiley Eastern (1995)

CH-511 (B) : Cheminformatics

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to Cheminformatics	02
2	Representation of Molecules and Chemical Reactions	10
3	Searching Chemical Structures	06
4	Applications of Cheminformatics	18
Total		36

1. Introduction to Cheminformatics [02L]

- 1.1. History and progression of cheminformatics
- 1.2. Significance of cheminformatics
- 1.3. Prospects of cheminformatics and Molecular Modelling

Learning Outcomes:

1. Students should understand the significance of cheminformatics in the modern practices of chemical science
2. Students should learn the necessity of cheminformatics in chemical science

Ref. 2. (Page no. 4-11 and relevant pages)

2. Representation of Molecules and Chemical Reactions: [10L]

- 2.1. Nomenclature

Certificate Course Syllabus

Syllabus Certificate Course in Interview Technique



Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)

Pravara Rural Education Society's

Arts, Commerce and Science College, Satral – 413711

Department of Marathi

1.	Name of Department:	Department of Marathi
2.	Title of course: (Accurate Course Name)	Certificate course in Interview Technique
3.	Course Level:	Certificate
4.	Implementation Academic Year :	2022-2023
5.	Preamble of Syllabus: (Introduction)	<p>संज्ञापनातील भाषेच्या भूमिकेचे विविध आविष्कारांचे ज्ञान करून देणे. भाषिक कौशल्यांचे विविध आविष्कार आणि प्रसारमाध्यमे यांच्या परस्परसंबंधांचे ज्ञान करून देणे. भाषिक कौशल्ये व क्षमता विकसित करणे. कार्यालयीन व व्यावसायिक भाषाव्यवहारासाठी आवश्यक लेखनकौशल्याचे संपादन व उपयोजन करणे. विविध माध्यमांसाठी प्रत्यक्ष मुलाखत घेणे. प्रसारमाध्यमांचे स्वरूप व त्यासाठी भाषा.व्यवहाराचे स्वरूप समजावून घेणे - व्यक्तिमत्व विकासाची आवश्यकता स्पष्ट करणे. व्यक्तिमत्व विकासात इतर घटकांबरोबरच भाषेचे महत्व स्पष्ट करणे. दैनंदिन जीवनात आवश्यक असणारी भाषिक कौशल्ये आत्मसात करण्याची क्षमता निर्माण करणे. प्रसारमाध्यमांचे समाजातील महत्व विशद करणे. भाषिक कौशल्याचे प्रसारमाध्यमांमध्ये होणारे उपयोजन समजावून सांगणे . प्रसारमाध्यमांत सेवेची संधी मिळण्यासाठी विद्यार्थ्यांची भाषिक क्षमता विकसित करणे.</p>

6.	Faculty of the Course:	Arts	
7.	Eligibility of Admission and Prerequisite:	H.S.C. Passed Student (10+2)	
8.	Duration of the Course:	3 Months	
9.	Intake Capacity of the Students:	31 Students	
10.	Total Hours of Teaching:	30 Lectures [02 Credits]	
11.	Pattern of Examination, if any		
	i. Internal Exam, Term End Exam, Practical, Oral, Project	Practical, oral and Written Test	
12.	Teaching Faculty:		
	Name of Faculty	Designation	Qualification
	Dr. N. A. Shinde	Associate Professor	M.A., B.Ed., SET, NET, M. Phil., Ph.D., B.J.
	Dr. G .K.Waditke	Assistant Professor	M.A., B.Ed., M. Phil., Ph.D
	Dr. S. B. Kadam	Assistant Professor	M.A., B.Ed., M. Phil., Ph.D
13.	Other Facilities	Library	
14.	Recommended Books:		
	संदर्भग्रंथ यादी		
	१. व्यावहारिक मराठी पाठ्यपुस्तक, प्रथम वर्ष वाणिज्य व द्वितीय वर्ष विज्ञान, पुणे विद्यापीठप्रकाशन ,, पुणे.		
	२. उपयोजित अभ्यासक्रम मराठी भाषेचे संवादकौशल्ये, प्रकाशक यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक		
	३. व्यावहारिक मराठी, दपुंडे .दि., कल्याण काळे, निराली प्रकाशन, पुणे		
	४. व्यावहारिक मराठी, लनसिराबादकर .रा ., फडके प्रकाशन, कोल्हापूर.		
	५. व्यावहारिक मराठी, स्नेहल तावरे, स्नेहवर्धन प्रकाशन, पुणे		
	६. व्यावहारिक मराठी, डॉलीला गोविलकर ., डॉजयश्री पाटणकर ., पुणे		
	७. उपयोजित मराठी, डॉजोगळेकर .ना.ग ., कृतज्ञता ग्रंथ, संपादक केतकी मोडक, संतोष शेणई, सुजाता शेणई.		
	८. व्यावहारिक, उपयोजित मराठी आणि प्रसारमाध्यमे, संपादक डॉसंदिप सांगळे .		
	९. व्यावहारिक आणि उपयोजित मराठी, डॉ.मनोहर रोकडे .		

१०. व्यावहारिक मराठी, प्रकाश परब

15. Detailed Syllabus CD (Word and PDF File)

अभ्यासक्रम

प्रकरण १ ले संवादाची मूलतत्त्वे (3 तास)

संवादाचे स्वरूप गरज आणि कार्य
संवादप्रक्रियेचे घटक आणि संवादातील अडथळे
संवादातील 'बोधन' संकल्पना आणि भाषिक संवाद
संवादाची विविध क्षेत्रे व तंत्रज्ञान

प्रकरण २ रे संवादाची मूलभूत तंत्रे व कौशल्ये : (3 तास)

कौशल्याचे स्वरूप
श्रवण कौशल्य
भाषण कौशल्य
संभाषण कौशल्य
लेखन कौशल्य
कौशल्य वाचन

प्रकरण ३ रे : वत्कृत्व तंत्र व कौशल्ये (3 तास)

वत्कृत्व स्वरूप आणि वैशिष्ट्ये
पूर्वाभ्यास आणि उपयोजना
वत्कृत्व कलेचा वापर करण्याचे प्रसंग व प्रकार
वत्कृत्व कलेचा उपयोग

प्रकरण ४ थे : मुलाखत तंत्र (3 तास)

मुलाखतीचे विषय
प्रश्नांची तयारी
मुलाखतीच्या विषयाचा पूर्वाभ्यास
प्रश्नांची निवड

मुलाखतीचे प्रकार

विविध क्षेत्रे व गुणविशेष

प्रकरण ५ वे: वृत्तपत्रासाठी मुलाखत (3 तास)

वृत्तपत्राची माहिती व कार्य

न्यूज इंटरव्यू व फीचर

वृत्तपत्रातील मुलाखतीचे वेगळेपण

प्रकरण ६ वे: आकाशवाणीसाठी मुलाखत (3 तास)

आकाशवाणीची माहिती व कार्य

आकाशवाणीवरील मुलाखतीचे वेगळेपण

प्रकरण ७ वे: दूरदर्शनसाठी मुलाखत (3 तास)

दूरदर्शनची माहिती व कार्य

दूरदर्शनवरील मुलाखतीचे वेगळेपण

प्रात्यक्षिक १० तास

Dr. G. K. Waditke

[Internal Subject Expert]

Dr. S. B. Kadam

[External Subject Expert]

Dr. N. A. Shinde

Course Coordinator &
Head Dept. of Marathi

H.O.D.

Department of Marathi
Arts, Commerce & Science College, Satral

IQAC COORDINATOR
Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Date: 07/08/2022



Principal
PRINCIPAL

Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Syllabus
Certificate Course in Hindi Translation

लोकनेते डॉ. बालासाहेब विखे पाटिल (पद्मभूषण उपाधि से सम्मानित)
प्रवरा ग्रामीण शिक्षण संस्था का
कला, वाणिज्य एवं विज्ञान महाविद्यालय, सात्रल
हिंदी अनुवाद प्रमाणपत्र पाठ्यक्रम (Syllabus)
शैक्षिक वर्ष 2022-23

Department: Hindi

Teaching Hours: 30

Course Topic : Certificate Course in Hindi Translation

Course Code : CHT22

प्रास्ताविक :

हमारे देश में अनुवाद का महत्व प्राचीन काल से स्वीकृत है. अनुवाद आज व्यक्ति की सामाजिक आवश्यकता बन गया है. भारत जैसे बहुभाषी देशों के जन समुदाय के बीच संपन संवाहक के रूप में अनुवाद का बहुआयामी प्रयोजन सर्वविदित है।

हिंदी अनुवाद प्रमाणपत्र पाठ्यक्रम का महत्व

सांस्कृतिक एकता, परस्पर आदान-प्रदान तथा वसुधैव कुटुम्बकम् के सपनों को साकार करने की दृष्टि से अनुवाद की भूमिका उल्लेखनीय रही है. साथ ही रोजगार के प्रमुख साधन के रूप में अनुवाद के महत्व को नकारा नहीं जा सकता.

उद्देश्य :

1. अनुवाद परिभाषा, स्वरूप, महत्व व्याप्ति की जानकारी देना ।
2. अनुवाद के सामाजिक और सांस्कृतिक पक्ष से अवगत करना।
3. अनुवाद के विभिन्न रूपों और उनकी प्रक्रियाओं से परिचित कराना ।
4. अनुवाद के विविध क्षेत्रों में रोजगार के लिए प्रशिक्षण देना।
5. भूमंडलीकरण के युग में अनुवाद की रचनात्मक भूमिका स्पष्ट करना
6. अनुवाद करने की क्षमता विकसित करना
7. हिंदीतर क्षेत्रों में हिंदी के प्रचार प्रसार को मौलिक तथा अनुदित रूप में गति प्रदान करना।

उपादेयता (Course Outcome)

1. छात्र अनुवाद के महत्व को समझकर कैरियर के रूप में अनुवाद के महत्व समझेंगे.
2. अनुवाद के लिए आवश्यक कौशल समझेंगे.
3. छात्र एक भाषा से दूसरी भाषा में अनुवाद करना सीखते हैं
4. छात्र व्यवसायिक अनुवाद की दृष्टि से विचार करते हैं.

अध्यापन पद्धति

1. व्याख्यान तथा विश्लेषण
2. संगोष्ठी, स्वाध्याय तथा गुट चर्चा
3. प्रात्यक्षिक

पाठ्यक्रम

Unit	Syllabus	Hours
I.	अनुवाद का स्वरूप परिभाषा, महत्व एवं व्याप्ति, क्षेत्र और सीमाएं	6
II.	अनुवाद प्रक्रिया मूल भाषा का पाठ बोधन और व्याख्यान लक्ष्य भाषा में अभिव्यक्ति स्थितिया अर्थयोग, अर्थहानि, अर्थांतरण, पुनः सर्जन	6
III.	अनुवाद के प्रकार प्रक्रिया के आधार पर -शब्दानुवाद, भावानुवाद छायानुवाद रूपांतरण गद्य-पद्य के आधार पर गद्यानुवाद, पद्यानुवाद विद्या के आधार पर नाट्यानुवाद, काव्यानुवाद, कथानुवाद आदि	6
IV.	अनुवाद प्रत्यक्ष व्यवहार मराठी वाक्यों का हिंदी अनुवाद अंग्रेजी वाक्यों का हिंदी अनुवाद	6
V.	अनुवाद की सार्थकता और प्रासंगिकता।	6

मूल्यांकन: अंतर्गत परीक्षा : 15 अंक(प्रस्तुतिकरण) लिखित परीक्षा :20 अंक, उपस्थिति (समग्र प्रदर्शन) : 15

संदर्भ ग्रंथ :

1. डॉ सुरेश कुमार : अनुवाद की रूपरेखा
2. भोलानाथ तिवारी- अनुवाद कला
3. डॉ. एस. के शर्मा- अनुवाद सिद्धांत और व्यवहार
4. डॉ. कैलाश चंद्र भाटिया -अनुवाद विज्ञान
5. डॉ. राजकमल बोरा-अनुवाद क्या है

डॉ. ए. एन. केदारे
विशेषज्ञ

डॉ. पी. टी. तुपे
विशेषज्ञ

डॉ. भाऊसाहेब नवले
अध्यक्ष, हिंदी विभाग
H.O.D.
Department of Hindi
Arts, Commerce & Science College, Satral.

दिनांक : 11/10/2022



PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711

Syllabus
Certificate Course in Communication Skills in English

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL
DEPARTMENT OF ENGLISH
Certificate Course - Communication Skills in English
Syllabus

INTRODUCTION

Language is a tool with which creative ideas can be triggered off in productive minds. Though General English courses are offered for all the subjects in the curriculum, there is a special need for a specifically relevant programme that caters to the need of learning and teaching the English language, in order to develop the latent talents of the students in the college and to facilitate better communication skills and students will learn to communicate with ease and fluency in the English language. Communicative English as a course offers the students to work on their communication skills and provides the students sufficient information about the General Phonology and the Phonology of English. The course allows the students to explore the various ways in which language functions while communicating. Along with theoretical learning of the language, the course also includes various practical session allowing the students to develop their skills such as listening, speaking, reading, and writing in standard, academic English.

COURSE OBJECTIVES

1. To enhance the learner's communication skills by giving adequate exposure in reading, writing, speaking and listening skills.
2. To help the learner get rid of his present flaws and mistakes in pronunciation and grammar.
3. To build up the learners' confidence in oral and interpersonal communication by reinforcing the basics of pronunciation specially focusing on interviews / corporate meetings / international business travels

COURSE OUTCOMES

After completion of the course the students will be able to:

1. Produce words with right pronunciation
2. Develop vocabulary and improve the accuracy in grammar
3. Develop the confidence to speak in public

4. Demonstrate positive group communication exchanges.
5. Ability to speak and write clearly in standard, academic English

DURATION OF COURSE: 30 Lectures [02 Credits]

EVALUATION: Internal-20 Marks and Final-30 Marks

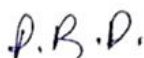
COURSE CONTENTS

	Topic	Sub-Topics	Lectures Allotted
UNIT-I	Listening and Speaking	1. Listening with a Purpose 2. Effective Listening 3. Tonal Variation	07
UNIT-II	Reading Skills	1. Reading short articles – newspaper reports / fact based articles 2. Skimming and scanning 3. Listening for Information	08
UNIT-III	Reference Skills	1. Using dictionaries, encyclopedias, thesaurus etc.	07
UNIT-IV	Dialogue Writing	1. greetings and Responses to Greetings 2. Introducing Yourself 3. Introducing Others 4. Requesting 5. Inviting 6. Seeking Permission.	08
		Total Lectures	30



Mr. S. N. Borude

[Internal Subject Expert]



Dr. P. R. Dagwale

[External Subject Expert]



Mr. N. D. Bhandari

H.O.D.

Department of English
Arts, Commerce & Science College, Satral.

Date: 5/9/2022



PRINCIPAL

Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Syllabus

Certificate Course in Modi Lipi

Loknete Dr. Balasaheb Vikhe Patil (Padmbhushan Awardee)
Pravara Rural Education Society
Arts, Commerce and Science College, Satral
Tal- Rahuri, Dist- Ahmednagar (Pin-413711)
Certificate Course in Modi Lipi
Modi Lipi- Syllabus

Introduction:-

Modi Lipi, also known as Modi script or Modi writing, is an ancient script that was historically used for writing the Marathi language and is closely associated with the Maratha Empire and Marathi culture. Modi Lipi helps reinforce the regional identity of Marathi-speaking communities, it is a symbol of pride and identify for people from Maharashtra and surrounding regions. The script has been used in various forms of art, including calligraphy and decorative designs. It adds an aesthetic and artistic dimension to Marathi culture. While Devanagari script is now the standard script for writing Marathi, knowledge of Modi Lipi is essential for scholars, researchers, and students who want to Study historical text and documents.

Objectives:

1. Acquiring knowledge of Modi script.
2. Certificate Course in Modi Lipi To develop interest in Modi script.
3. Studying old documents in Modi script.
4. To interpret historical documents.

Course outcomes:

1. Getting knowledge to all sections of the society.
2. Students will get employment opportunities.
3. Help in research work.
4. Students got opportunities in historical and government offices etc.
5. Arising curiosity about Modi script. Substantial work will be done in the field of research.
6. Studying documents in Modi language.

Syllabus: Chapter

Chapter 1: Alphabets

Chapter 2: Bara khadi Part 1

Chapter 3: Bara khadi Part 2

Chapter 4: Chapter 4: Writing and reading alphabets.

Chapter 5: Word Abbreviations and Document Types

Chapter 6: Reggie Calculations.

Chapter 7: Studying notebooks and reading historical documents

Chapter 8: Reading Modi texts.

Chapter 9: Translating Modi script into Marathi.


Subject Teacher


Subject Expert


Head


Principal

Head
Department of History
Art's, Commerce and Science College, Satral
Satral, Tal. Rahuri, Dist. Ahmednagar.

Principal
Art's, Commerce and Science College, Satral
Tal- Rahuri, Dist- Ahmednagar- 413711

Syllabus Certificate Course in Human Right

Certificate Course in Human Right Syllabus

Course Objective:

- To create awareness about Human Right among the Students and stakeholders.
- The Certificate Course on Human Right aims at sensitization students to the human right values with a view to ultimately strengthening the human right culture in our society.
- The course may be structured for short duration of three months so students can avail of it easily.

Syllabus Contents

1. Relevance of the study Human Right in India. (6 Hrs)
Social, Economic and Political Aspects
2. Evolution of Human Rights and Duties (8 Hrs)
Inter civilization approach to Human Right, Theoretical and development perspectives and Human Rights Movements
3. Human Rights: International Norms (8 Hrs)
Universal Declaration of Human Right, Civil and Political rights, Economic, social and cultural right, Rights against torture, discrimination and forced Labour and Right of the child
4. Human Right duties in India (8 Hrs)
The preamble to the Indian Constitution and Human Right and duties in the Constitution


Course Outcomes:


- It will provide the capacity to identify issues and problems relating to the realization of human right.
- Understand the core principle human rights philosophy.
- It will create awareness among learners about the evolution and development of human rights.
- It will give learners understanding about human rights at different regional levels.

Reference Books:

- Alam, Aftab (ed.), Human Rights in India: Issues and Challenges (New Delhi: Raj Publications, 1999)
- Bajwa, G.S. and D.K. Bajwa, Human Rights in India: Implementation and Violations (New Delhi: D.K. Publishers, 1996)
- Mani, V.S., Human Rights in India: An Overview (New Delhi: Institute for the World Congress on Human Rights, 1998)
- Rehman, M.M. et al. (ed.), Human Rights and Human Development: Concepts and Contexts (New Delhi: Manak Publications, 2000)

- Surender Singh and S.P. Srivastava, Gender Equality through Women's Empowerment, (Bharat Law Centre, Lucknow, 2001)


Subject Teacher
Dr. E. S. Nirmal


Subject Expert
Ghotekar L. M.

Head of Department


HOD
Political Science
Art's, Commerce & Science College, Satral
Tal. Rahuri, Dist. Ahmednagar-413711

Principal


PRINCIPAL
Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Syllabus
Certificate Course in Sanitizers and Disinfectants

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's

ARTS, COMMERCE & SCIENCE COLLEGE, SATRAL

Tal- Rahuri, Dist- Ahmednagar-413 711

NAAC Accredited B⁺⁺ Grade

DEPARTMENT OF CHEMISTRY

Certificate Course

Name of certificate course – Sanitizers & Disinfectants

Total Duration – 30 Hrs. (2 credits)

Venue – Arts, Commerce and Science College, Satral

Student Age Group – 21 Yrs

Time – Theory: 2 Hrs / Week

Practical: 1 / Week

Objectives:

- To develop application aspect of chemistry in carriers.
- To motivate self-employment ability.
- To create self-efficiency and enhance practical knowledge.
- To know the difference between cleaning, sanitizing and disinfecting.
- To know new concept and its application.

Course Content


Sr.No	Topics	Learning Points	Lectures
1.	Introduction	Introduction and Evaluation of Sanitizers and Disinfectants	02
2.	Difference between cleaning, sanitizing and disinfecting	Cleaning, sanitizing, disinfecting, What are the recommendations and requirements for sanitizing and disinfecting?, Sanitizing and disinfecting requirements and recommendations comparisons chart	04

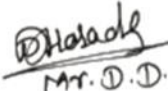
3.	Choosing Safer products for cleaning, sanitizing and disinfecting.	Third party certifiers: A way to identify safer cleaning products, ingredients to avoid, choosing safer sanitizer, choosing safer disinfectant, Group buying, Safety data sheet.	04
4.	Effective and safest way of cleaning, sanitizing and disinfecting	Routine Cleaning, tools for cleaning, carpeting tips, cleaning products and procedures, surface cleaning, floor cleaning, What not to use and why, Carpet cleaning, diluting concentrated product, sanitizing ,tools for sanitizing, product and procedure for sanitizing.	03
5.	Effect of cleaning, sanitizing and disinfecting products on environment	Triclosan in the environment, fragrance in the environment	02
	Total		15
6.	Practical	Preparation of Sanitizers	03
		Preparation of Disinfectants	03
		Preparation of Liquid soap	03
		Preparation of Solid Soap	03
		Preparation of Liquid detergents	03
	Total		15

References

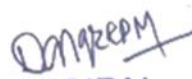
1. Global Industry Analysts, Inc.2017.Disinfectants-A Global Strategic Business Report. (Summary Only.) Accessed September 20, 2017.

2. National Health and Safety Performance standards ; Guidelines for Early Care And Education Programs. Third Edition , 2015 Accessed September 14, 2017.
3. Bello, A., Quinn, M.M., Perry, M.J., & Milton, D.K (2009). Characterization of Occupational exposures to cleaning products used for common cleaning tasks-a pilotstudy of hospital cleaners. Environmental Health, 8(1), 11.
4. Flores, G.E, Bates, S.T., Knights, D., Lauber, C.L., Stombaugh, J., Knight, R., & Fierer, N.(2011). Microbial Biogeography of public restroom surfaces. Plos One, 6(11), e28132. Accessed September 19, 2017.
5. Gibson, K.E., Crandall, P.G., & Ricke, S.C.(2012). Removal and transfer of viruses on food contact surfaces by cleaning clothes. Applied and Environmental Microbiology, 78(9), 3037-3044. Accessed October 6, 2017.


7/10/22
Subject Expert


Mr. D.D. Horade
Subject Teacher


Head of Department
HEAD
DEPARTMENT OF CHEMISTRY
Arts, Commerce & Science College, Satra,
Tal.Rahuri, Dist.Ahmednagar-413711


PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711

Syllabus
Certificate Course in Vermicompost Technology

Syllabus

Theory paper + Practical course/paper: 02 credits

Certificate Course in Vermicompost Technology

Unit-I (08Periods)

1. Introduction of vermiculture. Definition, History, Scope and economic.
2. Earthworm – Taxonomic Position and different types of earthworms.
3. Types of earthworms and different types of cocoons.

Unit- II (12 Periods)

1. Common species of earthworm rearing.
2. Significance of earthworm.
3. Infection and diseases causes of earthworm.
4. Key to identify the species of earthworms.
5. Life cycle of Eisenia fetida.

Unit-III Practical (10 Periods)

1. Study of different species of earthworms.
2. To study morphological study of earthworm.
3. Life cycle of earthworm
4. Diseases of earthworm.
5. Preparation of vermibeds.
6. Small Scale Earthworm farming for home gardens
7. Earthworm compost for home gardens
8. Conventional commercial composting of Earthworm Composting larger scale
9. Earthworm Farming (Vermiculture), Extraction (harvest), vermicomposting harvest and processing.


Course outcomes:

- Students can construct their own compost farm & thereby can get monthly income.
- Students/ farmers by using vermicompost in their field can increase the crop yield.
- Students residing in cities can produce vermicompost in small scale for garden/household plants.
- They can get the jobs in educational institutes as vermicompost/vermiculture technician.


- The candidate can generate income by supplying verms, vermiwash, & vermicompost.
- By developing & propagating vermicompost technology he/she will directly or indirectly help to prevent environmental pollution, by using vermicompost in the field & thereby increasing crop yield he will help to solve food problems.
- It will lead towards organic farming & healthy food.


Reference:

1. Bhatt J.V. & S.R. Khambata (1959) "Role of Earthworms in Agriculture" Indian Council of Agricultural Research, New Delhi
2. Dash, M.C., B.K.Senapati, P.C. Mishra (1980) " Verms and Vermicomposting" Proceedings of the National Seminar on Organic Waste Utilization and Vermicomposting Dec. 5-8, 1984, (Part B), School of Life Sciences, Sambalpur University, Jyoti Vihar, Orissa.
3. Edwards, C.A. and J.R. Lofty (1977) "Biology of Earthworms" Chapman and Hall Ltd., London.
4. Lee, K.E. (1985) "Earthworms: Their ecology and Relationship with Soils and Land Use" Academic Press, Sydney.
5. Kevin, A and K.E.Lee (1989) " Earthworm for Gardeners and Fisherman" (CSIRO, Australia, Division of Soils)
6. Rahudakar V.B. (2004). Gandulkhatashivay Naisargeek Paryay, Atul Book Agency, Pune.
7. Satchel, J.E. (1983) "Earthworm Ecology" Chapman Hall, London. 8. Wallwork, J. Biology" Edward Arnold (Publishers) Ltd. London.
8. Work, J.A. (1983) "Earthworm Biology" Edward Arnold (Publishers) Ltd. London.


Subject Teacher
(Dr. V. M. Pulate)


Head of the Department
HEAD
DEPARTMENT OF ZOOLOGY
Arts, Commerce & Science College, Satral
Tal.Rahuri, Dist.Ahmednagar-413711


Subject Expert
Dr. V. R. Pawade


Subject Expert
Mr. Prashant L. Pulate
Anand Agri. Biotech, Durgapur
Vermicompost Entrepreneurship


Principal
PRINCIPAL
Art's, Commerce & Science College
Satral, Tal.Rahuri, Dist. Ahmednagar,

Syllabus
Certificate Course in Household Wiring and LED Decoration

CERTIFICATE COURSE

Name of the Certificate Course	:	"HOUSEHOLD WIRING & LED DECORATION"
Venue	:	Department of Physics
Student Group	:	18 to 25 Year
Time	:	04 Hr/Week
Total Duration	:	30 Hours
Total Number of Credits	:	2 Credits
Course Fee	:	No Fee
Evaluation	:	50 Marks (25 Theory + 25 Practical)

Aim and Objective:

1. To inculcate the life skill of basic electrical safety among the students.
2. To provide practical knowledge of basic electrical safety.
3. To give hands on-training on household wiring and repairing.
4. To give training on LED decoration.

Expected Outcome:

1. Students should be able to take basic electrical safety in day to day life.
2. Students should be able to do the household wiring and understand the concepts practically.
3. Students should be able to do the proper earthing for household equipment's.
4. Students should be able to the basic LED decoration.

"HOUSEHOLD WIRING AND LED DECORATION"

SYLLABUS (2 Credits)

1 ELECTRICAL SAFETY 5 L

- 1.1 INTRODUCTION TO CURRENT, VOLTAGE POWER
- 1.2 INTRODUCTION TO EARTHING
- 1.3 EARTHING
 - 1.3.1 TYPES OF EARTHING
 - 1.3.2 PROPER EARTHING
- 1.4 INTRODUCTION OF ELECTRICITY
 - 1.4.1 DISTRIBUTING POINT (DP)
 - 1.4.2 ALTERNATING CURRENT (AC)
 - 1.4.2.1 Three phase AC
 - 1.4.2.2 Single phase AC
- 1.5 DIRECT CURRENT (DC)
- 1.6 LIVE, EARTH AND NEUTRAL
- 1.7 USEFUL ELECTRICAL INSTRUMENTS
 - 1.7.1 DIGITAL MULTIMETER.
 - 1.7.2 TESTER
 - 1.7.3 ELECTRICAL SAFETY EQUIPMENT'S
 - 1.7.4 TONG TESTER

2 HOUSEHOLD WIRING 5 L

- 2.1 PRECAUTIONS
- 2.2 WIRING AND FITTING
- 2.3 REPAIRING
- 2.4 CHANGING FAN CAPACITOR
- 2.5 3 PHASE STARTER FITTING
- 2.6 TESTING OF MOTOR OR COIL
 - 2.6.1 USING BULB HOLDER
 - 2.6.2 USING DIGITAL MULTIMETER

3 LED DECORATION 4 L

- 3.1 INTRODUCTION TO ELECTRICAL COMPONENTS
- 3.2 SOLDERING
- 3.3 LED DECORATION ASPECTS
 - 3.3.1 DESIGN AND CALCULATION
 - 3.3.2 SOLDERING OF LED

P.T.O.


EXPERIMENTS TO BE PERFORMED BY STUDENTS


(For Certificate Course on "Household wiring and LED decoration")

S.N.	Title of the experiment	Total Hr
1.	Identification of basic electrical components and testing components.	2 Hr
2.	Measurement of ac, dc voltages and currents.	2 Hr
3.	Study of household fitting.	2 Hr
4.	Performing soldering of few electrical components.	2 Hr
5.	Use of continuity testing for motor or coil using DMM and bulb.	2 Hr
6.	Measurement of resistance using color code and DMM for ledProtection.	2 Hr
7.	Verification of Kirchhoff's Law (KVL & KCL).	2 Hr
8.	Design and fabricate the LED series and parallel circuits.	2 Hr

REFERENCES:

1. Home Wiring Do It by Phil Thane, GMC Distribution, 2009.
2. House Wiring (Hindi), Surendra Kumar Jain, Hans Publisher, 2018.
3. Led Lightning: A Primer To Lightning The Future by Sal Cangeloso, Maker Press, 2012.
4. Practical Lightning Design with Led by Ron Lenk And Carol Lenk, Second Eddition, Wiley, 2017.
5. Home Electrical Wiring by Devid W Rongey, Home Electrical Wiring Pub., 2013.
6. Electrical Wiring: An Introduction by Satheesh Kumar, Ane Books Pvt. Ltd, 2011.


PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711


HEAD
DEPARTMENT OF PHYSICS
Arts, Commerce & Science College, Satral
Tal. Rahuri, Dist. Ahmednagar-413711

LOKNETE DR. BALASAHEB VIKHE PATIL (PADMABHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S,
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL
DEPARTMENT OF PHYSICS

The Department of Physics of Arts, Commerce and Science College, Satral organized a syllabus framing workshop for the Certificate Course on 'Household wiring and LED decoration'. Syllabus is designed for the B.A. / B.Com. / B.Sc. students. Dr. S. R. Potdar of Arts, Science and Commerce College, Rahata was present as a subject expert for the syllabus framing workshop on 29/11/2021 at 10.00 a.m. in the Department of Physics. The syllabus was created /modified as per the suggestion of the expert.

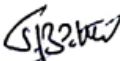
Aim and Objective:

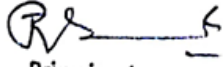
1. To inculcate the life skill of basic electrical safety among the students.
2. To provide practical knowledge of basic electrical safety.
3. To give hands on-training on household wiring and repairing.
4. To give training on LED decoration.

Expected Outcome:

1. Students should be able to take basic electrical safety in day to day life.
2. Students should be able to do the household wiring and understand the concepts practically.
3. Students should be able to do the proper earthing for household equipment's.
4. Students should be able to do the basic LED decoration.


Coordinator
HEAD
DEPARTMENT OF PHYSICS
Arts, Commerce & Science College, Satral
Tal. Rahuri, Dist. Ahmednagar-413711


Dr. S. R. Potdar
Expert


Principal
Principal
Arts, Commerce and Science College, Satral
Tal- Rahuri, Dist- Ahmednagar- 413711

Syllabus
Certificate Course in Tally of Tally ERP 9.0

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Department of Commerce


Objectives of Tally ERP 9.0 Course

- ❖ To impart knowledge regarding concepts of Financial Accounting. Tally is an accounting package which is used for learning to maintain books of accounts.
- ❖ This course helps students to work with well-known accounting software i.e. Tally ERP.9.0
- ❖ To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement, do accrual adjustments, and also print financial statements, cash flow and fund flow statement etc. in Tally ERP.9.0 software.
- ❖ To impart employability Skill.

Outcomes of Tally ERP 9.0 Course

- ❖ After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e. Tally ERP.9.0
- ❖ Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, cash flow and fund flow statement etc. in Tally ERP.9.0 software.
- ❖ Students will possess required skill and can also be employed as Tally data entry operator.


H.O.D.
Department of Commerce
Arts, Commerce & Science College, Satral.


Principal
Arts, Commerce and Science College,
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711



Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
Department of Commerce
Syllabus of Tally ERP 9.0- (For 2 Credits; 30 hours)

Sr.No	Name of the topic	Lectures (in Hours)
1.	Basis of Accounting – Account, Business Transaction, Cash Transaction, Credit transaction, Goods, Assets, Liabilities , Capital, Debtors, Creditors, Double Entry system, Debit or Credit	05
2.	Introduction and Installation- introduction and features, Installation system requirement, installation Procedure	04
3.	Working with Tally 9.0- Accounts, Journal entry, single ledger creation, voucher entry, types of voucher, adjustment entries, auto calendar calculator.	10
4.	Inventory in Tally ERP 9.0 – inventory basic information, inventory details in voucher entries, display inventory reports.	06
5.	Advanced features in Tally ERP 9.0- Batch wise stock maintenance, ageing analysis of inventory, scenario management in Tally 9.0, Price list, Tally Audit, Multiple Currencies, deletion of voucher, master and company	05

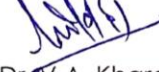
Course Coordinator


Mr. D.N. Ghane
Dept. of Commerce


Subject Expert


Dr. B.D. Ranpise
Arts, Science and
Commerce College,
Pravaranagar.

Subject Expert


Dr. V.A. Kharde
Arts, Science and
Commerce College,
Kolhar.


H.O.D.
Department of Commerce
Arts, Commerce & Science College, Satral.


PRINCIPAL
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711

Syllabus

Value added Course in Spoken English

Pravara Rural Education Society's

Arts, Commerce and Science College, Satral

DEPARTMENT OF ENGLISH

The Department of English of the college invited Prof. N. D. Bhandari, (Head, Department of English, Padmashri Vikhe Patil College, Pravaranagar) as a **Subject Expert** on 05th December, 2019. The following syllabus with objectives and outcomes were designed for the **Certificate Course in Spoken English**.

INTRODUCTION:

English is the language of Aviation, Science, Computer, Tourism, and the list goes on. Excellent communication skills in English can help you land a job in a multinational company within your country or abroad. English is a language that helps in international communication, and it is the language of the internet. So, learning English doesn't only help you get a job, but it also enables you to socialize. One never regrets learning English because it works as a magic key to new doors. English is the language of business as well. No matter which country you visit, knowing English can make your journey better. It is because at least a few people in any country know English. Keeping this view in mind, the Department of English is very pleased to introduce you the **Certificate Course in Spoken English**.

OBJECTIVES:

- To be able to speak English accurately.
- To think in English and then speak.
- To be able to construct sentences in English independently.
- To be able to read books with understanding.

COURSE OUTCOMES:

- Improve speaking ability in English.
- Give oral presentations and receive feedback on their performance.
- Enhance competence in the four basic skills-writing, speaking, reading & listening.
- Read books with comprehension.

Contact Hours: 06 Weeks



Course Content:

UNIT	Name of the Topic	Sub-Topic	Contact Hours
1	Introduction	Importance of Spoken English	01
2	Listening	a) Listening to texts b) listening to CD c) Trials of a good listener	02
3	Listening & Comprehension	a) Interpretation of texts based on the question-answer. b) Interaction among students	03
4	Reading Skills	a) Techniques of reading. b) Reading comprehension of unseen pages c) Identifying the context & the central idea	03
5	Vocabulary & word formation	From different texts & dictionary	03
6	Basic Grammar	a) Prescriptive/descriptive approaches grammaticality b) acceptability c) appropriateness d) grammar in context e) grammar in spoken & written	06
7	Practical Session	a) Exercise on different grammatical constructions b) Identification of the grammatical devices forms different texts like newspapers, poems, stories, etc.	06
8	Words & phrases used for conversation	a) Making statements b) Asking questions c) Giving order and suggestions d) Asking, Giving and Refusing Permission e) Agreeing and Disagreeing	06
9	Writing Skills	a) Dialogue Writing	06
Total Contact Hours			36



Mr. N. D. Bhandari
[Subject Expert]



Mr. S. N. Borude
[Course Coordinator]



PRINCIPAL
Principal
Arts, Commerce and Science
College, Satral, Tal. Rahuri
Dist. Ahmednagar, 413711



Photographs of Co-curricular Activities



International Women's Day - Ms. Shilpa Rasal delivered a lecture on Women Empowerment



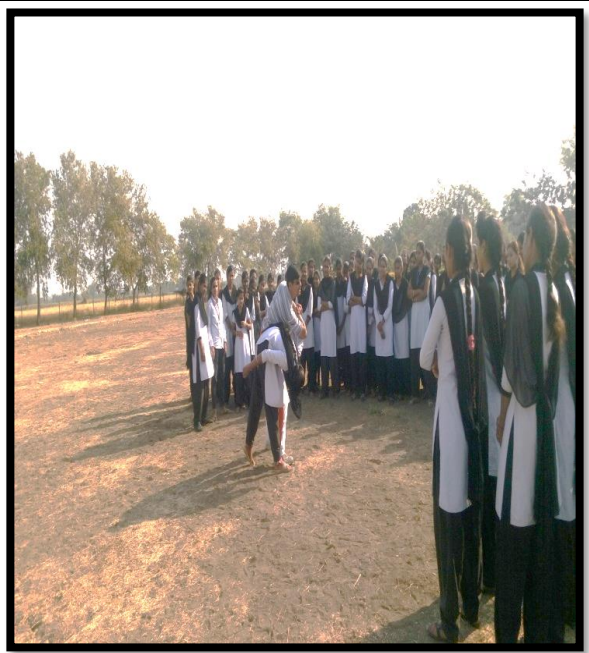
International Women's Day - Lighting Lamp



N.S.S and Women Empowerment Cell organized Women Health Awareness Program.



Health Awareness Program - Student discussed their issues with Dr. Swati Vikhe.



Nirbhaya Kanya Abhiyan - Self-Defence - Mr. Anil Landage, demonstration to girl students



Mata Aaplya Dari - Lighting of lamp

Celebrating Mata Aaplya Dari



Screening 'Pad Man' on Awareness of Internal Hygiene Program



Dr. Poornima Sable delivered a special lecture on "Gender Equity and Social Issues"



Eco-friendly Rangoli competition on Gender Equity



Anand Gurukul students visited to Eco-friendly Rangoli Competition at college



Adv. Sunanda Wani, Sangamner Civil Court, addressing the staff and students on Women's Rights and its Implication





Dr. Jayshree Singar delivering lecture on "Health Care and Health Hygiene"



Rupali Londhe Demonstrated Awareness about Hygiene



Rally - International Women's Day - Welcoming Girl Child





Haemoglobin checking Camp on International Women's Day



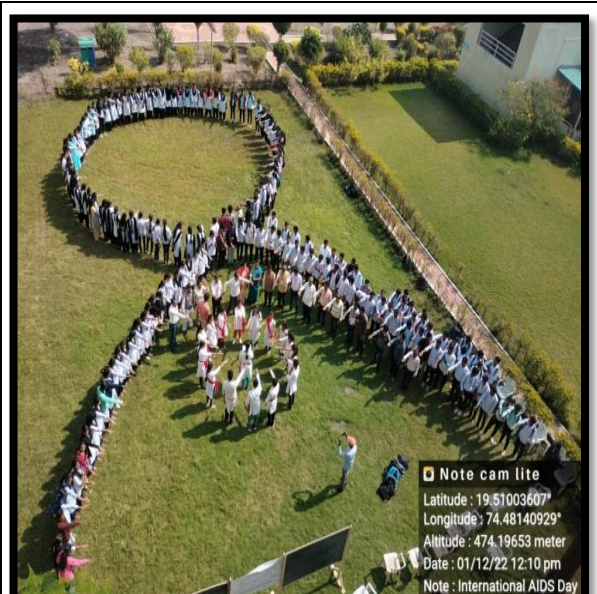
Blood Donation Camp organized by the N.S.S Unit



Immunity and COVID-19 Awareness Program organized by NSS Unit



Celebrating National Voter's Day



International AIDS Day- AIDS Awareness Program



Celebration of Constitution Day



NSS Volunteers participated in Disaster Management Program organized by Savitribai Phule Pune University at Kolhapur flood affected area



Renewable Energy Sources Awareness program for students



Tree plantation at the adopted village Kanadgaon



Latitude: 19.522654
 Longitude: 74.475296
 Accuracy: 24.0m
 Time: 27-07-2019 11:39
 Note: vruksh dindi



Latitude: 19.522869
 Longitude: 74.475104
 Elevation: 528.01m
 Accuracy: 13.7m
 Time: 27-07-2019 11:31
 Note: vruksh dindi

Jal Shakti Abhiyan program - College Campus Day



DonarePM
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Reports of Co-curricular Activities



Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee)
Pravara Rural Education Society's
Arts, Commerce and Science College, Satral
National Service Scheme



Report on World Environment Day - 07.06.2022

On June 6, 2022, the National Service Scheme (NSS) organized a tree-planting initiative to commemorate World Environment Day. This event was aimed at raising awareness about environmental conservation and promoting sustainable practices within the community. The initiative encouraged each NSS volunteer to plant a tree at their respective homes. In addition to the individual efforts, the college undertook a collective endeavor by planting a variety of medicinal plants on the college premises and in the surrounding Satral village area. These plants were chosen for their ecological benefits and potential to enhance the local environment. Medicinal plants play a crucial role in maintaining ecological balance, offering benefits such as soil stabilization, air purification, and providing habitat for various species. Their medicinal properties also serve educational purposes, offering a live resource for studying traditional and natural remedies. Their enthusiasm and dedication highlighted the collective power of community action in addressing environmental issues. The event served as a practical learning experience, reinforcing classroom teachings about environmental science and sustainability. It also fostered teamwork, collaboration, and a shared commitment to a common cause. 29 volunteers and staff participated in the programme.



The NSS Unit organised Tree Plantation Programme on the occasion of World Environment Day at Satral Grampanchayat [6/6/2022]



Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee)
Pravara Rural Education Society's
Arts, Commerce and Science College, Satral



NATIONAL SERVICE SCHEME

A REPORT ON CONSTITUTION DAY

Date: 26/11/2022

On 26th November 2022, the National Service Scheme (NSS) unit and Department of Political Science jointly organized a significant event to celebrate Constitution Day. This day, observed annually to celebrate the adoption of the Indian Constitution, serves to educate and inspire citizens about the core values enshrined in the Constitution. The event commenced with the volunteers reading the preamble of the Constitution, emphasizing the fundamental principles of justice, liberty, equality, and fraternity. A detailed speech was delivered by Dr. B. N. Navale, Department of Hindi, highlighting the importance of the Constitution and the pivotal role it plays in shaping the nation's democratic framework. The program included interactive sessions. The celebration witnessed active participation from both students and faculty members, reflecting their commitment to upholding the values and principles outlined in the Constitution. The event concluded with a pledge to adhere to and propagate the constitutional values in all spheres of life. 245 students and volunteers were present in the programme.




Note cam
Latitude : 19.5098
Longitude : 74.48
Altitude : 457.740
Date : 26/11/22 1
Note : संविधान दिन



Note cam
Latitude : 19.5098
Longitude : 74.48
Altitude : 452.146
Date : 26/11/22 1
Note : संविधान दिन

Dr. Bhausaheb Navale, Department of Hindi, addressing students on Constitution Day [26/11/2022]


Programme Officer
National Service Scheme
Art's, Commerce and Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.




Principal
PRINCIPAL
Art, Commerce & Science
Satral, Tal. Rahuri, Dist. A'

Permission Letter

Date: 28/11/2022

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

Subject: Request permission to organize Event **International AIDS Day**.


Respected Sir,

I would like to request permission to organize International AIDS Day under Health Care Centre and Women Empowerment Cell. The program is scheduled to take place on 1st December, 2022 at 11:00 am in Seminar Hall. Mr. Santosh Ubale from the Primary Health Centre, Loni, will be the Chief Guest for the program.

Kindly give the permission to organize the above said program.

Thanking you,

Permitted
Dangreem

Yours Sincerely,

Coordinator

Women Empowerment Cell



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

Date: 29/11/2022


STUDENT NOTICE

All students are hereby informed that the Health Care Centre and Women Empowerment Cell has arranged an expert lecture on "International AIDS Day" on 1st December, 2022 at 11:00 am. Mr. Santosh Ubale from the Primary Health Centre, Loni will guide us on the importance of AIDS Day.

All are requested to be present for the lecture.

Venue: Seminar Hall




Principal
PRINCIPAL
Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Loknete Dr. BalasahebVikhePatil (Padma Bhushan Awardee)
Pravara Rural Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL

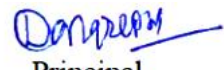
REPORT OF INTERNATIONAL AIDS DAY

The Health Care Centre and Women Empowerment Cell organized an event for "International AIDS Day" on 1st December, 2022 in Seminar Hall. Mr. Santosh Ubale from the Primary Health Centre and students from Medical College PMT Loni were the expert speakers. Dr. R. S. Tambe introduced the guests and highlighted the event's aim to raise awareness about AIDS prevention. Mr. Santosh Ubale discussed the global impact of AIDS, current statistics and the importance of prevention and awareness. He also addressed the ongoing stigma and discrimination against HIV patients. The event included an engaging Q&A session, with 63 students and faculty from all departments participating. The program was well-received and effectively raised awareness about AIDS.



Coordinator

Women Empowerment Cell



Principal

PRINCIPAL

Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Date: 04.03.2023

Permission Letter

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

Subject: Permission to organize **International Women Day.**

Respected Sir,

I would like to request permission to organize a International Women's Day Program for all students. The programme will be Scheduled to takes place on 08/03/2023 on 9: 00 am in Satral village, on the occasion of International Women's Day the college students organize road show and rally.

Kindly give permission to said program.

Thanking you,

Sincerely Yours,



Coordinator

Women Empowerment Cell

Permitted
Dangaram



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

Date: 06/03/2023

STUDENT NOTICE

All the students are hereby informed that the Women Empowerment Cell of our college would organize International Women's Day on Monday, 8th March, 2023.

All are requested to remain present for the said program.



Danraj

Principal

PRINCIPAL

Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

A REPORT ON
International Women's Day

Name of the Program	International Women's Day
Date	8/03/2023
Name of Coordinator	Dr. Jayshree Singar
Name of Activity	International Women's Day -Rally
No. of Participants	84
Time	10.00am

On Wednesday, the National Service Scheme and the Women Empowerment Cell organized a joint event in Arts, Commerce and Science College, Satral, to celebrate International Women's Day on 8th March, 2023. To mark the occasion, a procession was held in Satral Panchkroshi, representing the empowerment of women. During the procession, participants showcased traditional Lazeem dances performed by girls and wore costumes representing women who have made significant contributions in the social, educational and political fields in India. Additionally, there were plays celebrating the birth of notable women. Girls from the college enthusiastically joined the event.

The Principal, Prof. Dr. P. M. Dongre, guided and greeted the students' rally. Dr. Jayshree Singar, the coordinator of Women Empowerment Cell and all ladies staff worked diligently to ensure the event's success.


Coordinator
Women Empowerment Cell




Principal
PRINCIPAL
Art's, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara Rural Education Society's

Arts, Commerce and Science College, Satral

National Service Scheme

Azadi ka Amrut Mohotsav Covid Vaccination Program

Hon. According to the letter from the Regional Director, RASEO Regional Directorate, Government of India, Pune, 75 years of India's Independence was celebrated as 'Azadi Ka Amrit Mohotsav'. Under this initiative, a Covid vaccination campaign was conducted in association with primary sub-centre Satral and National Service Scheme in Colleges, in which 58 villagers were vaccinated.



Covid Vaccination Program [16/10/2021]


Programme Officer
National Service Scheme
Art's, Commerce and Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.


I/C PRINCIPAL
Art, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Report on Women Health Awareness Program

Name of the Event	Women Health Awareness Program
Objectives	To Provide Guidance on Women's Health
Date	14 December 2021
Chief Guest	Dr. Swati Vikhe
Number of Participants	57
Mode of Program	Offline
Venue	Seminar Hall, Arts, Commerce and Science College, Satral

The college held a Women's Health Awareness program on 14th December, 2021 to educate women about preventive healthcare. Dr. Swati Vikhe talked about the importance of regular health check-ups, cancer screenings, osteoporosis and keeping hormones balanced. Students asked questions and learned about different health issues and how to stay healthy. Mrs. S. R. Gulve thanked everyone and Miss. Jejurkar M. R. helped organize the event. Principal, Dr. Jayashree Singar, Vice Principal, Deepak Gholap, NSS Coordinator, Mr. R.S. Bhadakwad and the faculty highlighted the college's commitment to empowering women and promoting their overall well-being. The program successfully raised health awareness among women.



Mrs. L.H Pandhure
Chairman
(Women Empowerment Cell)



Principal
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Date: 02-03-2022

Permission Letter

To
The Principal
Arts, Commerce and Science College,
Satral, Tal. Rahuri, Dist. Ahmednagar

Subject: Seeking permission to organize “International Women’s Day” under
Women Empowerment Cell

Respected Sir,

The Women Empowerment Cell wants to celebrate “International Women’s Day” on
08-03-2022. For this program we wish to invite Adv. Sunanda Wani as a chief guest to deliver
a speech on acts related to women’s. You are requested to grant permission for the same.

Thanking you in anticipation



Mrs. L.H Pandhure
Chairman
(Women Empowerment Cell)

allowed
RS
2/3/2022



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

Date: 07/03/2022

STUDENT NOTICE

All the students are hereby informed, we are going to celebrate International Women's Day under Women Empowerment Cell on Tuesday 8th March 2022 at Seminar Hall.

All are requested to remain present for the said program.



Principal


Principal


Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

A Report on International Women's Day

Name of the Event	International Women's Day
Objectives	To guide various laws for women
Date	8 th March 2022
Chief Guest	Advocate Mrs. Sunanda Wani
Number of Participants	93
Mode of Program	Offline

International Women's Day was celebrated on Tuesday, 8th March 2022 at the Loknete Dr. Balasaheb Vikhe Patil Pravara (Padma Bhushan Awardee) Rural Education Society's Arts, Commerce and Science College, Satral. The Vice President of the Sangamner Bar Council, Hon'ble Advocate Mrs. Sunanda Wani, was present as the Chief Guest. She guided the students on various laws concerning women. Vice-Principal, Professor Dr. Somnath Gholap also addressed the students. Ninety-three students participated in the program. The introduction was given by Mrs. Latika Pandure, Chairman of the Women Empowerment Cell. Vice-Principal, Dr. Jayashree Singar, Vice-Principal Mr. Dipak Gholap, Student Welfare Officer Coordinator Mr. Dinkar Ghane, National Service Scheme Coordinator Prof. Rohidas Bhadakwad, and all the female staff provided valuable support. Miss Dipti Aagarkar anchored the program and Miss Ashwini Salunke gave the vote of thanks.


Mrs. L. H. Pandhure
Chairman
(Women Empowerment
Cell)


Principal
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711



Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's
Arts, Commerce and Science College, Satral,
A/P Satral, Tal. Rahuri, Dist. Ahmednagar

A Report on Tree Plantation Program (2020-21)

A tree plantation program was held in the college premises, road side area of village Satral, Om Shanti Centre and Gram panchayat surrounding area, Satral, on the occasion of the birthday of Hon'ble Namadar Shri. Radhakrishna Vikhe Patil, Member, Legislative Assembly, Govt. of Maharashtra on 15 June 2020. The main objective of the program was to enhance the tree cover and sensitize the villagers and students the importance of tree plantation. For this program, NSS volunteers were participated to plant trees at designated places. After plantation, villagers took the responsibility of nurturing the same. Information about the name and type of tree is given to the villagers and students. In all 70 trees were planted on this occasion. The trees planted are neem, mango, rain tree, Banyan tree, Peepal, Ficus tree, Kranj, Cassia (Kashid) Lakshmi taru, Kanchan, Amla etc.

On this occasion Hon. Adv. Balkrushna Patil Chormunge, Chairman CDC, Other CDC, members, Hon. Ms' Dhanashri Tai Vikhe Patil, Principal, staff and students actively participated.



The NSS Unit organised Tree Plantation Program on 15/6/2020 at Z. P. Primary School, Dhanore and Satral Village


Programme Officer
National Service Scheme
Art's, Commerce and Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.


I/C PRINCIPAL
Art, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

Permission Letter

Date: 20.12.2020

To,
The Principal,
Arts, Commerce and Science College Satral

Subject: Request for Permission to organize Blood Donation Camp

Respected Sir,

I am writing to seek your permission on behalf of the National Service Scheme (NSS) to conduct a blood donation camp in collage with collaboration with Pravara Medical Trust Loni on 23 December 2020.

Your support for this endeavor is crucial in enabling us to make a positive impact among NSS volunteers. We are confident that this blood donation camp will reflect positively on our college's commitment to social responsibility and community service.

Thank you for considering our request. We look forward to your favorable response.

Yours sincerely,

Permitted
D. N. J. P. M.


Programme Officer
National Service Scheme
Art's, Commerce And Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.



Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara
Rural Education Societys,
Arts, Commerce and Science College, Satral
National Service Scheme Report -2020-21



❖ **Blood Donation Camp – 23 December 2020**

In the state of Maharashtra, there is a shortage of blood supply due to communicable diseases. As per the instructions of the Minister of State (Higher and Technical Education) Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Societys, Arts, Commerce and Science College, Satral and Pravara Medical Trust jointly organized Blood Donation Camp in the College. In this Camp total 52 Volunteers were participated and 23 Blood bags collected.



The NSS Unit organised Blood Donation Camp in association with Pravara Medical Trust, Loni on 23/12/2020



Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara
Rural Education Societys,



Arts, Commerce and Science College, Satral National Service Scheme Report -2020-21

❖ Voter Awareness Campaign – 25 January 2021

As per the instructions of Election Commission of India, Deputy District Election Officer, Pune, ‘Making Our Voters Empowered, Vigilant, Safe and Informed’ Voter Awareness Campaign for College Volunteers was implemented jointly by National Service Scheme and Department of Political Science. Prof. Ankush Suryavanshi, Head, Department of Political Science, explained the rights and duties of voters to the students in this campaign.



The Department of Political Science and NSS Unit jointly organised Voter Awareness Campaign on 25/1/2021


Programme Officer
National Service Scheme
Art's, Commerce and Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.


IC PRINCIPAL
Art, Commerce & Science College
Satral, Tal. Rahuri, Dist. Ahmednagar.

LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE)
 PRAVARA RURAL EDUCATION SOCIETY'S,
 ARTS, COMMERCE AND SCIENCE COLLEGE SATRAL
DEPARTMENT OF CHEMISTRY

Annual Report of Extension Activity

'Soil and Water Analysis'

Name of the activity	Soil and Water Analysis
Objective	To provide the soil and water analysis facility to the farmers in the nearby villages.
Duration	2020-21
No. of students participated	10
No. Teachers involved	04

To ensure the sustainability for long term basis, it is necessary to manage and proper planning of natural sources like soil and water. There has been continuous deterioration of soil and water due to lack of planning, improper crop pattern, over use of chemical fertilizers, herbicide, pesticide and other hazardous agrochemicals. Now a day, it is essential to inculcate awareness among the farmers regarding conservation of soil and water as a remedial activity to improve food potency and to minimize health problems.

Department of Chemistry in collaboration with **Krishi Vigyan Kendra, Babhaleshwar** runs a consultancy service 'Soil and Water Analysis for native villagers. The main objective behind starting the consultancy service was that the most of the students and stakeholder belongs to the family with agricultural background. The farmers in rural area are not aware about the micronutrient level of soil and water utilized for agriculture purpose. By the use of excess fertilizers, insecticides and pesticides, the fertility of soils is reduced as a result of this the productivity is also declined. The decrease in annual crop yield weaken the farmers as economic point of view and also insufficient for the country like India which has increasing trend in population.

In order to aware the native villager farmers about the quality of soil and water used, , the Department of Chemistry was conducted Soil and Water analysis activity. And through which the parameters like pH, EC, Salinity, dissolve oxygen, TDS etc. were verified. The faculty members explained the parameters and guided the farmers. Student from chemistry department helps in consultancy service by providing their own soil and water sample from their farm.

The department organizes visits to KVK, Babhleshwar. The faculty members and students interact with the faculties of Department of Soil and Water Analysis KVK, Babhaleshwar and share the information regarding Soil and Water Analysis as social responsibility.

As a part of social responsibility selected students of our college has participated solely in this programme and decided to conduct activities like soil and water analysis and awareness of organic farming and use of bio-agrochemical.

List of Beneficiaries 2020-21

Sr. No	Name of the Beneficiaries	Address	Soil of Water Sample	Person Responsible	Remark
1.	Shri.Dive Balasaheb Maruti	A/P-Kangar, Tal- Rahuri Dist- Ahmednagar	Soil Sample	Prof.Dr.S.S.Gholap	Report Delivered
2.	Shri Gagare Rajendra Bhausahab	A/P- Kanadgaon, Tal- Rahuri Dist- Ahmednagar	Soil Sample	Mrs. C.S.Karle	Report Delivered
3.	Shri. Shaikh Asif Abdulla	A/P- Songaon Tal- Dist- Ahmednagar	Water Sample	Dr.V.A.Kadnor	Report Delivered
4.	Shri.Khatekar Balkrushna Annasaheb	A-Tandulner P-Tambhere, Tal- Rahuri, Dist- Ahmednagar	Water Sample	Mr.S.B.Waghe	Report Delivered
5.	Shri Gavhane Dattu Bhagwat	A/P- Wadner, Tal- Dist- Ahmednagar	Water Sample	Mr.V.S.Palghadmal	Report Delivered



Dr. S. S. Gholap (Department of Chemistry) showing demo on Soil and Water Analysis at KVK, Babhaleshwar [11/2/2021]


Head
Dept. of Chemistry
Department of Chemistry
Satral

Permission Letter

Date: 04/03/2021

To
The Principal,
Arts, Commerce and Science College, Satral.
Pin – 413 711.

Subject: Permission to organize Poster Presentation on the occasion of International Women's Day.

Respected Sir,

With reference to the above mentioned subject, I would like to seek permission to organize Poster Presentation on the occasion of International Women's Day on Monday, 8th March, 2021 in Seminar Hall under Women Empowerment Cell.

Kindly grant me permission for the same.

Thanking you.

Yours Sincerely,



Ms. L.H. Pandhure
Chairman
(Women Empowerment Cell)

allowed
RS
4/3/2021



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

Date: 05/03 /2021

STUDENT NOTICE

All the students are hereby informed that the Women Empowerment Cell is going to organize Poster Presentation on the occasion of International Women's Day on Monday, 8th March, 2021 at 10:00 am in Seminar Hall.

All should participate in Poster Presentation Activity.



Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Loknete Dr. Balasaheb Vikhe Patil(Padma Bhushan Awardee)

Pravara Rural Education Society's
Arts, Commerce and Science College, Satral

A REPORT ON
International Women's Day Program

Name of the Program	International Women's Day Program
Date	8/03/2021
Name of Coordinator	Ms. L. H. Pandhure
Name of Activity	Poster Presentation
No. of Participants	59
Venue	Seminar Hall
Time	10.00am

On International Women's Day, March 8th, 2021 Arts, Commerce and Science College, Satral, organized a Poster Presentation Activity. This event celebrated the achievements and contributions of women and aimed to raise awareness about gender equality, women's rights and empowerment.

The event aimed to give students a platform to express their creativity and perspectives on women's issues through art. It also sought to build a sense of community, encourage discussion, and inspire actions towards gender equality. 20 students registered and participated enthusiastically with posters covering themes like women's empowerment, history, health, education and social justice. Participants explained their posters and the ideas behind them, fostering deeper understanding and meaningful conversations.

The event was inaugurated by Vice-Principal, Mrs. J. R. Singar. She gave a speech on the importance of International Women's Day and the role of art in social movements. The posters were displayed in the college Seminar Hall. Students and faculty members viewed the exhibition, creating an inclusive environment for discussion and appreciation.

The Poster Presentation Activity on International Women's Day was a great success. It showcased students' talents, creativity and highlighted important issues related to women's rights and gender equality. The event strengthened the college's commitment to fostering an inclusive and supportive environment for all students.

The organizing committee thanked the participants, faculty members and volunteers who made the event successful.



Mrs. L.H Pandhure
Chairman
(Women Empowerment
Cell)



Principal
Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711



Pravara Rural Education Society's

ARTS COMMERCE AND SCIENCE COLLEGE SATRAL



NATIONAL SERVICE SCHEME

Water Awareness Program (*Jalshakti Abhiyan*) – 7 July 2019

As per the communication from the Joint Secretary of the Ministry of Youth and Sports, Government of India, and the National Service Scheme at Savitribai Phule Pune University, Pune, the College of Arts, Commerce, and Science conducted the *Jal Shakti Abhiyan* from July 1 to July 30. This initiative, part of the college's National Service Scheme activities, took place within the college and extended into Satral village and its surroundings. During the *Jal Shakti Abhiyan*, a range of activities were carried out at the college and in Satral village to promote water conservation and awareness. On July 27, 2019, at 10:00 AM, a significant event was a water conservation awareness march and the establishment of a tree plantation initiative in Satral village, which saw enthusiastic participation from National Service Scheme volunteers. The event garnered substantial engagement from the local community, reflecting the importance of such initiatives.

Closing the month-long campaign, on July 30, 2019, the college grounds became a site for environmental action as bitter lemon trees were planted, with the villagers lending their support. Following this, at 11:00 AM, Dr. G. M. Pondhe, the esteemed Head of Environmental Science at Padmashri Vikhe Patil University, delivered an insightful lecture on water literacy, management, and the specific challenges faced by Maharashtra.



Date: 22/08/2019

Permission Letter

To
The Principal,
Arts, Commerce and Science College, Satral.
Pin – 413 711.

Subject: - Permission to organize Guest Lecture on Gender Equity.

Respected Sir,

With reference to the above mentioned subject, I would like to seek permission to organize Guest Lecture on Gender Equity by Dr. Purnima Sable, on 26th August, 2019 in Seminar Hall under Women Empowerment Cell.

Kindly grant me permission.

Thanking you.

Yours Sincerely,



Dr. K. V. Palghadmal
Chairman
(Women Empowerment Cell)



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

Date: 23/08 /2019

STUDENT NOTICE

All the students are hereby informed that the Guest Lecture on Gender Equity is arranged by Women Empowerment Cell on Monday, 26th August, 2019 at 10.00 am in Seminar Hall.

All are requested to remain present for the said program.



Principal

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Brief Report on Women Empowerment Cell

During the academic year 2019-20, the Women Empowerment Cell of the college has been inaugurated on 26th August 2019-20, by the hands of Hon'ble Dr. Purnima Sabale Associate professor and social activist from Sangamner Dist Ahmednagar. Dr. Sable delivered a special lecture on "Gender Equality and Social Issues".


The program was organized under the chairmanship of Dr. K.V. Palghadmal and committee members. The inaugural function was presided by the In-charge Principal Smt. Jayshree Singar, during this function Vice principal Mr. Dipak Gholap were also present.

To elaborate the talk Hon'ble Dr. Purnima Sabale highlighted the various issues of women & men and gender quality. She highlighted the problems of girls & boys, dowry, premature marriage, and so on. She also touches the equal rights of opportunities and protections. There is an important exchange of ideas and inter caste marriages to have the harmony in society and demolition of caste base society. There should be equal treatment and opportunities with regardless of gender including economic participation and decision- making and the state of valuing different behaviors, aspirations and needs equally, regardless of gender. She has stress on the potentiality in women and express with several examples. In the 21st centuries there should be balance development for the growth of overall development of human. She also encourages the girls students by giving the examples of many women who have achieved their goal and a grand success in different field like sports, space, army, nevy, enterprenners.

Smt. Jayshree Singar had delivered presidential address and encouraged the committee by congratulating the committee chairman. To make this grand success the committee members Miss. Chhaya karale, Miss. Swapnali Rohamare, Miss. Sharayu Dighe, Miss. Swati Kadu, Miss. Ashwini Salunke, Anita Chormunge & all ladies staff were shows interest. At the beginning Dr. Kalpana Palghadmal, introduce and presented the aims and objectives of the women empowerment cell. During this program all the teaching and non teaching staff were present.


Chairman




I/Principal
Art, Commerce & Science Collage
Satral, Tal. Ranuri, Dist. A'Nagar



Pravara Rural Education Society's

ARTS COMMERCE AND SCIENCE COLLEGE SATRAL



NATIONAL SERVICE SCHEME

Flood Relief Fund Collection - 15.09.2019

Savitribai Phule Pune University organized a university-level camp in the Kolhapur Sangli area to assist the residents of a village impacted by flooding in their rebuilding efforts. The camp, held from August 22nd to 28th, 2019, saw the participation of five volunteers from our college. These volunteers were

1. Wani Avinash Macchindra,
2. Vikhe Praveen Shivaji,
3. Vikhe Nilesh Namdev,
4. Harde Prafull Babasaheb,
5. Harde Prashant Bhausahab

. Undertaking their social responsibilities seriously, they contributed significantly to the reconstruction of schools, hospitals, and homes in the flood-affected villages.



Volunteers participating in Flood Relief Fund and helping in affected area... [15/9/2019]


Signature **Principal** of College
Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar



Pravara Rural Education Society's

ARTS COMMERCE AND SCIENCE COLLEGE SATRAL

NATIONAL SERVICE SCHEME

World Environment Day- 05 June 2018

On June 5, 2018, World Environment Day was celebrated at the College of Arts, Commerce, and Science through the National Service Scheme to raise awareness among volunteers about the environment and the importance of trees. During this event, Dr. S.N. Shingote, the principal, provided guidance on tree conservation. A total of 250 volunteers participated and planted 130 trees.


Signature Principal of College
Art, Commerce & Science Collage
Satral, Tal. Rahuri, Dist. A'Nagar

Permission Letter

Date:-27.09.2018

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

Subject: Permission to organize a Hemoglobin Checking Program.

Respected Sir,

I would like to request permission to organize a hemoglobin checking program specifically for female students under Women Empowerment Cell. The program is scheduled to take place on 01/10/2018 at 10:00 am in Seminar Hall. Dr. Shoheb Kazi, Regional Manager, Pune will be the Chief Guest for the program.

Yours Sincerely,



Dr. K. V. Palghadmal
Coordinator

(Women Empowerment Cell)

allowed
RS
5/3/2019



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S

ARTS, COMMERCE AND SCIENCE COLLEGE
SATRAL

Date:- 29.09.2018

Student Notice

The Women Empowerment Cell would be conducting a "Hemoglobin Checking Program" on October 1, 2018 at 10:00 am in the Seminar Hall. This program aims to promote awareness about health issues and ensure the well-being of our students. Attendance is mandatory for all the students. Please make sure to attend and participate actively.

Principal

Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

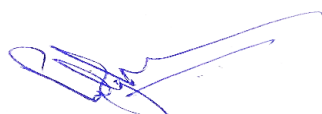
Arts, Commerce and Science College Satral
REPORT ON HEMOGLOBIN CHECKING PROGRAM
BY
WOMEN EMPOWERMENT CELL

Date : October 1, 2018
Location : Arts, Commerce and Science College, Satral
Activity : Hemoglobin Checking Program
Organized by : Women Empowerment Cell
Participants : 188

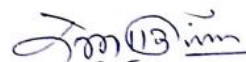
The Women Empowerment Cell organized Haemoglobin Checking Program on October 1, 2018, for 188 female students from rural area. The aim was to raise awareness about healthy hemoglobin levels and the impact of diet on HB levels.

The activity took place in the college, with haemoglobin checking stations set up and managed by trained medical staff. Each student underwent a simple finger-prick test and results were recorded.

After the tests, nutritionists and health educators conducted an interactive session on the importance of a balanced diet, rich in iron and essential nutrients. The program concluded with a vote of thanks from Ms. A.C. Salunke.



Dr. K. V. Palghadmal
Chairman
(Women Empowerment Cell)



Principal
Arts, Commerce and Science College
AVPo, Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

Permission Letter

Date: 05/03/2019

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

Subject: - Permission to celebrate International Women's Day

Respected Sir,

With reference to the above mentioned subject, I would like to seek your permission to celebrate International Women's Day on Friday, 8th March, 2019 in the Seminar Hall under Women Empowerment Cell.

Kindly grant me the permission.

Thanking you,

Yours Sincerely,



Dr. K. V. Palghadmal
Chairman
(Women Empowerment Cell)



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE AND
SCIENCE COLLEGE**
SATRAL

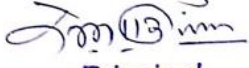
Date: 06/03/2019

STUDENT NOTICE

All the students are hereby informed that the Women Empowerment Cell would organize International Women's Day on Friday, 8th March, 2019 in the Seminar Hall.

All are requested to remain present for the said program.



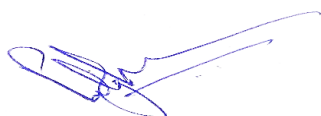

Principal
Arts, Commerce and Science College
At/Po. Satral, Tal. Rahuri,
Dist. Ahmednagar. 413711

A REPORT ON International Women's Day Program

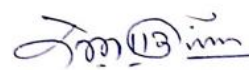
Name of the Program	International Women's Day
Date	08/03/2019
Name of Guest	Ms. Shilpa Rasal
Name of Coordinator	Dr. K.V. Palghadmal
No. of Participants	60
Venue	Seminar Hall
Time	10.00 am

The college celebrated International Women's Day on 8th March, 2019 with great enthusiasm and vigor. The event aimed to honor the achievements of women, promote gender equality and inspire students and faculty to advocate for women's rights. The Women Empowerment Cell organized the event, ensuring a comprehensive and engaging program.

Principal Dr. S.N. Shingote, welcomed the guests and highlighted the importance of International Women's Day. The ceremony began with the traditional lighting of the lamp by the Chief Guest, symbolizing enlightenment and knowledge. Ms. Shilpa Rasal talked about the global struggle for women's rights, shared inspiring stories of women leaders and emphasized the importance of education and empowerment in achieving gender equity. The International Women's Day celebration was a great success, leaving attendees inspired and motivated to contribute towards a more equitable society. The event not only celebrated the achievements of women but also sparked meaningful conversations about the challenges that remain and the collective effort needed to overcome them.



Dr. K. V. Palghadmal
Chairman
(Women Empowerment Cell)



Principal
Arts, Commerce and Science College
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