



**Smt Radhabai Sarda Arts Commerce and Science College**  
**Anjangaon Surji**

**Programme Outcome/ Programme Specific Outcomes/ Course Outcome**

**BACHELOR OF ARTS**

<b>Programme Outcomes</b>	<b>BACHELOR OF ARTS</b>
<b>PO1</b>	Provide knowledge and understanding of various fields of study in core disciplines in the humanities and social sciences
<b>PO2</b>	Develop critical and analytical skills to the identification and resolution of problems within complex changing social, linguistic and literary contexts
<b>PO3</b>	Understanding of the general concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages
<b>PO4</b>	Follow independence in learning appropriate theories and methodologies with intellectual honesty and an understanding of ethical and human values
<b>PO5</b>	Encourage students to analyse the problems and apply their knowledge for remedies thereof
<b>PO6</b>	Enhance students skills of effective communication and language learning i.e. reading, writing, listening and speaking another language with fluency and understand its cultural value
<b>PO7</b>	Become well informed and updated member of the community and responsible citizens
<b>PO8</b>	Work with self-esteem, self-reliance, self-reflection and creativity to face adversities in the work and personal life



## Department of English

### Programme Specific Outcomes:

PSO1: Make the students fluent in communication in English language.

PSO2: English being 'Lingua-Franca' opens the window of knowledge.

PSO3: Produce conversant knowledge about culture and heritage and disseminate it to the world.

PSO4: Open-up the broader spectrum of information and technological advancement.

PSO5: Obtain the historical knowledge about eminent leaders, scientists, artists etc. the globe over.

PSO6: Inculcate good behaviour, human values, morality through study of English language and literature

PSO7: Gather information about folk-art, literature, tribal-culture, heritage.

PSO8: Inculcate and imbibe English mannerisms to make them competent enough to roam the world-over.

### Course Outcomes:

The successful completion of the course will enable the students to...

CO1: Learn and gain fluency in the English language and conversation.

CO2: Obtain and disseminate knowledge available in English language.

CO3: Become efficient in reading and writing skills.

CO4: Develop imaginative powers through learning of poetry.

CO5: Become proficient in the language and eventually gain professional skills.

CO6: Grasp the subtleties of the language and thereby get initiated to rational thinking.

CO7: Analyse the content of the syllabi and broaden their thinking tank.



## **Course Outcome**

### **Semester – I**

1. Understand the basic knowledge of English language and literature
2. Understand the relation between literature and real life.
3. Understand and interpret the prose, poem, short stories
4. Write the News Report, Letter, Essay, Paragraph etc.
5. Avail the pleasure of literary forms such as Novel, Poem, Play etc.

### **Semester – II**

1. Understand the basic knowledge of English language and literature
2. Understand the relation between literature and real life.
3. Understand and interpret the prose, poem, short stories
4. Write the News Report, Letter, Essay, Paragraph etc.
5. Avail the pleasure of literary forms such as Novel, Poem, Play etc.
6. Develop interview technique, Reading Skills, Writing Skills and Speaking Skills.
7. Enhance the interest in English Language.

### **SEM III**

1. The students overcome barriers in English communication.
2. The students use grammatically correct English language.
3. The students have better knowledge of structure and semantics.
4. The students have increased interest in reading.
5. The students comprehend the prose and poetry better and derive values useful for life.
6. Their thinking span is broadened.

### **SEM IV**

1. The students realize the beauty and communicative power of English language in formal and informal conversations.
2. The students know better word formation, vocabulary and syntax and use it correctly.
3. The competence for self-learning in students has increased.
4. The students understand various nuances of life as presented by Indian and Foreign writers.
5. The students display accuracy in grammatical usages.
6. The students implement values learnt in prose and poetry to real life situations.



## **SEM V**

1. The students find correlation between their learning and tackling various affairs in daily life scenarios.
2. The students can derive values, morals, ethics and lessons from their learning and demonstrate them in their everyday life.
3. The students can express themselves in both oral and written communication.
4. The students display the art of writing precise and developing a thought.
5. The students have accuracy in grammar usages.

## **SEM VI**

1. The students have rational thinking as well as life skills to cope up with real life situation.
2. The students' ability regarding the four skills- listening, speaking, reading and writing is developed.
3. Students show accuracy in the use of English language in preparation of Civil Services Examinations.
4. Students are able to converse in English finely in their respective fields.
5. Students are able to write reports and essays of various kinds.

**Program: BA**  
**Semester – I**  
**English Literature**  
**(Course Code DSC ELT 1.2)**

### **Programme Specific Outcomes:**

1. Understand Literary Movements that existed in different ages.
2. Define Literary Theories and Terms in Criticism.
3. Develop reading, writing and analytical skills.
4. Communicate their ideas critically and creatively.

## **Course Outcome**

### **SEM I**

1. Analyse various forms of literature.
2. Acquaint them with the forms of structures and aesthetics of style and techniques of literary works.



3. Analyse various elements of literature.
4. Communicate in English orally and in writing.
5. Kindle their critical thinking skills.

## **SEM II**

1. Analyse various forms of literature.
2. Acquaint them with the forms of structures and aesthetics of style and techniques of literary works.
3. Analyse various elements of literature.
4. Communicate in English orally and in writing.
5. Kindle their critical thinking skills.

## **SEM III**

1. The students have the literary sense to appreciate poetry as a literary form.
2. The students differentiate between poetic diction and imagery used by Indian and foreign poets.
3. The students understand features of short story, novel, biography and autobiography as a literary genre.
4. The students can trace the variations in narration of stories by Indian and foreign writers.
5. The students have the ability to apply literary terms and theories to the different forms of literature they study.

## **Sem IV**

1. The students have better understanding of the universal values and apply them to different situation in life.
2. The students can critically examine essay as a literary form and analyze essays by various essayists.
3. The students analyze various literary terms and theories and correlate them with their reading.
4. The students identify poetic diction of number of poets belonging to different cultures and countries.
5. The students know the details of the art of criticism and style of writing.

## **Sem V**

1. The students can enlist and differentiate the features of tragedy, comedy, dramatic irony and historical plays.
2. The students know the complexities of human life through the study of poetry as a form of literature.



3. The students have the literary sense and comprehension of the subject.
4. The students can analyze and apply various literary terms and theories to the pieces of literature they study.
5. The students appreciate the characteristics of Shakespearean tragedy and co-relate them to real human life situations.

#### **Sem VI**

1. The students can critically appreciate poetry as a literary form.
2. The students can examine features of Shakespearean Comedy and Romance.
3. The students implement their knowledge of literary terms and theories to both their academia and real everyday world.
4. The students analyze different poetical pieces and derive the values hidden in them.
5. The students identify nuances in diction and imagery of various writers.
6. The students have a better vision of society, its complexities, its function and malfunction and are able to cope with the demanding situation all the time.

### **Program Bachelor of Commerce English Semester I**

#### **COs:**

1. Able to communicate skilfully in Business correspondence
2. Acquaint with the work culture in corporate world
3. The life of great personalities will motivate them to toil to be successful
4. Learn and gain fluency in the English language and conversation.
5. Become efficient in reading and writing skills.
6. The drafting skills of the learners will be honed through grammar and writing skills
7. Become proficient in the language and to eventually inculcate professional skills

### **Program : Bachelor of Commerce Semester II**

**COs:** 1. Able to communicate skillfully in Business correspondence

2. Acquaint with the work culture in corporate world
3. The life of great personalities will motivate them to toil to be successful
4. Learn and gain fluency in the English language and conversation.
5. Become efficient in reading and writing skills.
6. The drafting skills of the learners will be honed through grammar and writing skills
7. Become proficient in the language and to eventually inculcate professional skills



### **Course Outcomes of Skill Enhancement Module :**

The students will be able to:

1. Acquaint with work culture in Bank
2. Acquaint with the use of ICT in Finance sector
3. Acquaint with Management Skills in the industry

### **Program : Bachelor of Commerce Semester III & IV**

CO's:

- 1) To acquaint with the eminent entrepreneurs of the world
- 2) To acquaint with the work culture in corporate world
- 3) To instill moral values among the students
- 4) To make them able to communicate skillfully with ICT
- 5) To enrich them with fluency and soft skill based in English
- 6) To make them skillful in drafting and professional skills.

### **Syllabus Prescribed for BSc I Sem I Year UG Program**

#### **Program: BSc English Semester 1**

#### **Course Learning Outcome /CO**

At the end of the Course, student would be able to:

- CO1: Understand the paragraph, prose, poetry and communicative skills.  
CO2: Apply the four skills of language in his daily inter-personal communications.  
CO3: Formulate/ compose his own sentences and able to speak English Language.  
CO4: Converse with other students in English.  
CO5: Communicate their ideas, thoughts and concepts properly in English

#### **Semester 2**

- CO1 Understand the paragraph, prose, poetry and communication skills  
CO2. Apply the four skills of language in his daily routine.  
CO3. Formulate/ compose his own sentences and able to speak English Language.  
CO4. Collaborate with others students in English.  
CO5. Communicate properly their ideas, thoughts and concepts in English.



**Faculty: Humanities**

**Two Year –Four Semesters Master’s Degree Programme:**

**M.A. (English) First Year**

**PROGRAMME OUTCOME (POs)**

- 1) To educate students in English literary and critical writing with a view to enable them to probe literary & critical theories & contexts that require substantive expertise in literature.
- 2) To develop and foster ideological sense and a sense of social awareness and cultural understanding.
- 3) To acquire proficiency in expression skills and critical thinking skills through exposure to various forms & genre of writing.
- 4) To develop research, critical and analytical attitude & approach in the students.
- 5) To help emerge social thinkers & critics who can take up a study of various social problems and issues that ail the society and impede social change and progress and contribute to the process of social transformation and social progress.
- 6) To help grow great leaders, thinkers, artists, visionaries, pundits / experts, educationists, managers, consultants, guides, coaches, social analysts, reformers, social activists, social pleaders & crusaders, think-tanks, journalists, critical and creative writers professionally in various fields of knowledge.
- 7) To create an awareness regarding the significance of Intellectual Property Rights along with the corresponding innovation, creation and strategic implementation among the students.

**COURSE OUTCOMES (COs)**

- 1) The students would acquire critical attitude and approach and gain knowledge, intellectual competence and critical scholarship which would help them to improve their performance in competitive exams like MPSC/UPSC/NET/SET in the subject.
- 2) The student will be able to understand and apply the evocative power of language and would be able to apply critical insight and judgment to form an informed and impactful opinion.
- 3) The Student will be fairly acquainted with the background and socio-political as well cultural background of the poets and understand the factors behind their making and evolution. The student will grasp the distinctive writing style and technique of various poets & creative writers.
- 4) The student will acquire enhanced sensibility and emotional depth and maturity in his/her expression.





5) The student will understand the socio-political and cultural importance of Literature and Literary Criticism.

6) The Course would help emerge social thinkers & critics who can take up various social problems and issues that ail the society and impede social change and progress and thus to achieve social transformation and social progress.

7) The students will have an awareness regarding the significance of Intellectual Property Rights along with the corresponding innovation, creation and practice among the students.

### **EMPLOYMENT POTENTIAL**

The programme aims to enable the students in developing ways of expression in a variety of forms & texts. It would provide them number of novel Employment and commercial opportunities in the Writing & Publishing field along with equipping them to meaningfully and substantially contribute to intellectual debates, social and public discourse and social& industrial movements. As it aims to build and boost the imaginative and critical thinking skills and potential of the students, it can be very usefully and fruitfully utilised in the Print & Social Media, Advertising, Film & Entertainment Industry etc. if suitably supplemented with other related specialisation and knowledge. With scope for development of leadership quality & managerial skills, there is a good possibility to apply literary & critical thinking ability and soft skills acquired through this Course to a great effect in the fields of Management, Art & Culture, Fashion, Archaeology, and General Administration as well as in the NGOs and Socio-political fields. Its lofty vision is to produce influential literati such as social thinkers, historians, eminent critics & commentators who can take up a deep and serious study and exploration of various social& industrial problems and issues that impede the process of wholesome social change and progress. Through erudition, observation, Research & Analysis, the Course study can help predominant spread of social understanding & awareness towards achieving the sublime goal of overall social transformation and Nation-building.

### **Two Year –Four Semesters Master’s Degree Programme:**

#### **M.A. (English) Second Year**

1. Name : M.A. English- Semester III
2. Course: Research/Innovative Project (RP)
3. Credit = 05
4. Total Duration = 75 hours

#### **COs**

1. Students will be acquainted with field of Research.



2. Students will derive practical experience from Research Work.
3. Research skills will be honed through practical research experience.
4. Students will get motivation for further research work like PhD

**Two Year –Four Semesters Master’s Degree Programme:**

**M.A. (English) Second Year**

- 1) Programme: M.A. English- Semester III
- 2) Course: History of English Literature - 3 (DSC)
- 3) Credit = 04
- 4) Total No. of Periods = 60

**PSO –**

1. To develop a sense of history through understanding of major traditions, trends, conventions, fashions as well as social developments.
2. To facilitate insight into human nature as well as understanding of social norms and culture.
3. That the causes and consequences of human actions and dispositions.
4. To study the emergence and development of Renaissance and its influence on the English society.
5. To assimilate the values and principles that lead to progress and social well-being.

**Course Outcome (CO):**

- 1) The student will attain a sense of history and the impulses behind human action.
- 2) To gain critical understanding and insight into trends & fashion in English society and culture.
- 3) Understanding the factors behind the emergence of John Milton as well as other post Shakespearean writers and value and significance of their literary output.
- 4) To critically analyse the chronology of events that led to the rise and growth of post Shakespearean writers.



5) To improve one's performance in competitive exams like MPSC/UPSC/NET/SET.

6) To create good critical thinkers and writers.

### **Two Year –Four Semesters Master's Degree Programme:**

#### **M.A. (English) Second Year**

1) Programme: M.A. English- Semester III

2) Course: Critical Theory - 3 (DSC)

3) Credit- 04

4) Total No. of Periods = 60

#### **PSO–**

1) To appreciate and analyse critical texts and documents.

2) To acquire critical temper, insight and judgment.

3) To apply logic, reasoning and sense of discrimination in decision-making.

4) To foster erudition and intellectual scholarship.

#### **Course Outcome (CO):**

1) To be able to write critical and scholarly reviews and articles.

2) To analyse and interpret texts and grasp subtle and deep meaning embedded in the texts.

3) To compare and contrast different ideas logically and rationally.

4) To apply critical sense& competence and critical scholarship to form an informed opinion.

#### **Employment Potential:**

1) In Print Media and Publishing houses

2) In NGOs and Social Service and Social work

3) In Socio-Political Organisations and administrative fields.



## **Two Year –Four Semesters Master’s Degree Programme:**

### **M.A. (English) Second Year**

- 1) Programme: M.A. English- Semester III
- 2) Course: Indian Writing in English (DSE)
- 3) Credit = 04
- 4) Total No. of Periods = 60

#### **PSOs –**

- 1) To enhance artistic sensibility for sounds or word-music and critical appreciation of Poetry as an Art.
- 2) To develop fertile imaginativeness and emotional depth and maturity.
- 3) To perceive subtle nuances and shades of meaning in the use of language.
- 4) To appreciate and assimilate subtle, suggestive and pictorial quality of language.
- 5) To sharpen artistic and critical skills with better grasp and acquisition of qualities like picturesqueness, terseness, conciseness, accuracy, aptness, freshness etc.in expression.
- 6) To acquire the ability to read between the lines.
- 7) To appreciate and acquire the evocative power of language.
- 8) To explore the subjective nature of Truth and Beauty.

#### **Course Outcomes (COs)**

1. The Student will be able to critically appreciate and interpret a piece of poetic work.
2. The Student will be fairly acquainted with the background and socio-political as well cultural background of the poet and understand the factors behind his making and evolution.
3. The student will grasp the distinctive poetic style and technique of various poets.
4. The student will understand the socio-political and cultural importance of Poetry and Poetic art.



5. The student will be able to quote the memorable quotations in his speech and writing.
6. The student will be able to understand and apply the evocative power of language.
7. The student will understand and appreciate the subjective nature of Truth and Beauty.
8. The student will acquire enhanced sensibility and emotional depth and maturity in his/her expression.

**Employment Potential:**

1. In Print Media and Publishing houses
2. In NGOs and Social Service and Social work
3. In socio-political field and in film, advertising and Entertainment industry.

**Two Year –Four Semesters Master’s Degree Programme:**

**MA (English) Second Year**

- 1) Programme: M.A. English- Semester III
- 2) Course: American Literature (DSE)
- 3) Credit = 04
- 4) Total No. of Periods = 60

**PSO –**

1. To enhance artistic sensibility for sounds or word-music and critical appreciation of Poetry as an Art.
2. To develop fertile imaginativeness and emotional depth and maturity.
3. To perceive subtle nuances and shades of meaning in the use of language.
4. To appreciate and assimilate subtle, suggestive and pictorial quality of language.
5. To sharpen artistic and critical skills with better grasp and acquisition of qualities like picturesqueness, terseness, conciseness, accuracy, aptness, freshness etc.in expression.
6. To acquire the ability to read between the lines.
7. To appreciate and acquire the evocative power of language.



8. To explore the subjective nature of Truth and Beauty.

**Course Outcomes (COs)**

1. The Student will be able to critically appreciate and interpret a piece of poetic work.
2. The Student will be fairly acquainted with the background and socio-political as well cultural background of the poet and understand the factors behind his making and evolution.
3. The student will grasp the distinctive poetic style and technique of various poets.
4. The student will understand the socio-political and cultural importance of Poetry and Poetic art.
5. The student will be able to quote the memorable quotations in his speech and writing.
6. The student will be able to understand and apply the evocative power of language.
7. The student will understand and appreciate the subjective nature of Truth and Beauty.
8. The student will acquire enhanced sensibility and emotional depth and maturity in his/her expression.

**Employment Potential:**

1. In Print Media and Publishing houses
2. In NGOs and Social Service and Social work
3. In socio-political field and in film, advertising and Entertainment industry.

**Two Year –Four Semesters Master’s Degree Programme:**

**M.A. (English) Second Year**

1. Programme: M.A. English- Semester III
2. Course: Creative Writing (SEC)
3. Credit- 02
4. Total No. of Periods = 30

**PSOs –**



1. To assimilate and apply principles and laws of creative writing.
2. To develop creative and aesthetic attitude & approach to expression.
3. To appreciate and analyse creative writing and works of art.
4. To acquire growth in erudition and intellectual scholarship.

**Course Specific Outcome (CSO) –**

- 1) Students will assimilate and apply principles and laws of creative writing.
- 2) Students will develop creative and aesthetic attitude & approach to expression.
- 3) Students will appreciate and analyse creative writing and works of art.
- 4) Students will acquire growth in erudition and intellectual scholarship.
- 5) Students will gain skill and competence to perform better in debates, intellectual arguments, discourses, Group Discussions and in competitive exams.

**Employment Potential:**

1. In Print Media and Publishing houses
2. In NGOs and Social Service and Social work
3. In Socio-Political Organisations and administrative fields.
4. In the writing and publishing field as well as in Print & Social Media, Advertising, Film & Entertainment Industry (if suitably supplemented with other specialisation and knowledge).

**Two Year –Four Semesters Master’s Degree Programme:**

**M.A. (English) Second Year**

1. Name : M.A. English- Semester IV
2. Course: Research/Innovative Project (RP)
3. Credit = 05
4. Total Duration = 75 hours



## **COs**

1. Students will be acquainted with field of Research.
2. Students will derive practical experience from Research Work.
3. Research skills will be honed through practical research experience.
4. Students will get motivation for further research work like PhD.

## **TWO Year –Four Semesters Master’s Degree Programme:**

### **MA (English) II Year**

### **M.A. ENGLISH SEMESTER IV**

- 1) Course: History of English Literature - 4 (DSC)
- 2) Credits = 04
- 3) Total Lectures = (20x3 Units=) 60 lectures

#### **PSOs –**

1. To develop a sense of history through understanding of major traditions, trends, conventions, fashions as well as social developments.
2. To facilitate insight into human nature as well as understanding of social norms and culture.
3. To study the causes and consequences of human actions and dispositions.
4. To study the emergence and development of origin, nature and development of recent trends in English literature.
5. To assimilate the values and principles that lead to social progress and social well-being.

#### **Course Outcome (COs):**

1. The student will attain a sense of history and the impulses behind human action.
2. Students would gain critical understanding and insight into trends & fashion in English society and culture.
3. Students would gain an understanding of the emergence and development of origin, nature and development of recent trends in English literature.
4. Students performance in competitive exams like MPSC/UPSC/NET/SET would improve.
5. Students would emerge as good scholars and thinkers





**Two Year –Four Semesters Master’s Degree Programme:**

**M.A. (English) Second Year**

**M.A. ENGLISH SEMESTER IV**

1. Course: Critical Theory - 1 (DSC)

2. Credit- 04

3. Total No. of Lectures - 60

**PSOs–**

1. To appreciate and analyse critical texts and documents.
2. To acquire critical temper, insight and judgment.
3. To apply logic, reasoning and sense of discrimination in decision-making.
4. To foster erudition and intellectual scholarship.

**Course Outcome (COs):**

1. To be able to write critical and scholarly reviews and articles.
2. To analyse and interpret texts and grasp subtle and deep meaning embedded in the texts.
3. To compare and contrast different ideas logically and rationally.
4. To apply critical sense& competence and critical scholarship to form an informed opinion.

**Employment Potential:**

1. In Print Media and Publishing houses
  2. In NGOs and Social Service and Social work
  3. In Socio-Political Organisations and administrative fields.
- Two Year –Four Semesters Master’s Degree Programme:

**MA (English) Second Year**

**Programme: MA English- Semester IV**

1. Name of the Course: Colonial and Post-Colonial Literature (DSE)

2. Credit = 04



3. Total no. of Lectures 60

**PSOs –**

1. To develop fertile imaginativeness and emotional depth and maturity.
2. To perceive subtle nuances and shades of meaning embedded in the Colonial & Post-colonial writing.
3. To appreciate and assimilate subtle, suggestive and pictorial quality of language.
4. To sharpen artistic and critical skills with better grasp and acquisition of qualities like picturesqueness, terseness, conciseness, accuracy, aptness, freshness etc.in expression.

**Course Outcomes (COs)**

1. The Student will be able to critically appreciate and interpret a piece of poetic work.
2. Students' would be able to acquire fertile imaginativeness and emotional depth and maturity.
3. Students' would be able to perceive subtle nuances and shades of meaning embedded in the Colonial & Post-colonial writing.
4. Students' would be able to appreciate and assimilate subtle, suggestive and pictorial quality of language.
5. Students' would be able to acquire artistic and critical skills with better grasp and acquisition of qualities like picturesqueness, terseness, conciseness, accuracy, aptness, freshness etc.in expression.

**Employment Potential:**

1. In Print Media and Publishing houses
2. In NGOs and Social Service and Social work
3. In socio-political field and in film, advertising and Entertainment industry.



बी ए भाग १  
मराठी अनिवार्य व मराठी साहित्य

**PSOs and Cos**

प्रास्ताविक :

मातृभाषा मानवी जीवनाचा पाया आत्मप्रगटीकरण ,आत्मचिंतन ,विचाराची देवाण घेवाण ,संस्कृतीची जोपासना समाजातील आर्थिक ,राजकीय व्यवहार,व्यक्तिमत्त्वाचा विकास या सर्व गोष्टींसाठी भाषेची आवश्यकता आहे

मराठी भाषा अतिशय समृद्ध अशी भाषा आहे . समाजाचा सर्वांगीण विकास हा भाषेच्या माध्यमातून होतो त्या माध्यमातून विद्यार्थ्यांच्या सर्वांगीण व्यक्तिमत्त्वाचा विकास होतो भाषिक संवेदना,भावना, विचारशीलता भाषेच्या विविध प्रवाहाची अभिवृद्धी समाजाच्या विकासाकरिता महत्त्वाचा असतो मराठी अनिवार्य अभ्यासक्रमातून वैचारिकता समृद्ध होण्यासाठी मदत होते तसेच ललित साहित्यातून जीवनानुभवाची नवीन दृष्टी प्राप्त होते .काव्य प्रकारातून सामाजिक अस्मिता अभिव्यक्त होते. मराठी भाषा विद्यार्थ्यांना नव्या जाणीवा ,नव्या प्रेरणा देणारा विषय आहे

**अभ्यासक्रमाची विशीष्ट निष्पत्ती (PSOs)**

- १) संत गाडगे बाबा अमरावती विद्यापीठाच्या मानव विज्ञान विद्याशाखेतील बी. ए .मराठी (आवश्यक )अभ्यासक्रमाच्या अध्यायानामुळे विद्यार्थ्यांची 'साहित्य ' ही संकल्पना स्पष्ट होऊन मराठी भाषा विषयक अभिरुची विकसित होईल
- २) मराठी साहित्य ,परंपरा, लेखक, कवी यांचा परीचय होईल .त्यांच्या लेखनातून आलेल्या सामाजिक एकात्मता ,सर्वधर्म समभाव राष्ट्रीय एकात्मता आणि भारतीय राज्यघटनेचे अधिष्ठान असलेल्या मानवी मूल्याची विद्यार्थ्यांमध्ये रुजवणूक होईल
- ३) विद्यार्थ्यां मध्ये मराठी भाषा ,साहित्य, या विषयी आवड निर्माण होईल. त्याची चिकित्सा, तुलना ,समीक्षा करण्याची दृष्टी विकसित झाल्यामुळे विविध साहित्य प्रकारातील लेखनाचे योग्य अद्ययन ,संशोधन आणि सर्जनशील निर्मिती करतील
- ४) मराठी भाषेच्या माध्यमातून विविध क्षेत्रात लागणारे व्यावहारिक कौशल्याचे उपयोजन विद्यार्थी करतील.
- ५) रोजगार निर्मितीसाठी लागणाऱ्या विविध कौशल्य निर्मितीचा दृष्टीकोन विद्यार्थ्यांमध्ये निर्माण होईल



- ६) भाषा आणि साहित्य यांचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेकपूर्ण तर्कसंगतता आणि कारुण्यपूर्ण संवेदनशील निर्माण होऊन साहित्याचे ,व्यावहारिक उपयोजन करता येईल .
- ७) कला शाखेच्या विद्यार्थ्यांमध्ये मराठी भाषेच्या तात्विक अभ्यासासह प्रतीस्थापूर्ण रोजगार मिळविण्यासाठी भाषिक कौशल्य प्राप्त होतील .

### अभ्यासपत्रिकेची निष्पत्ती (COs)

- १) नेमलेल्या साहित्यातून जीवनदर्शन ,समकालीन व्यवहार ,जाणिवा याची माहिती होईल
- २) वैचारिक ,ललित ,कविता या विविध साहित्य प्रकाराचे वेगळेपण जाणून घेतील तथा यामधील साम्यभेदाचे आकलन होईल
- ३) वैचारिक गद्यातून भाषेच्या सर्जनशील रूपाचे विद्यार्थ्यांना आकलन होईल .तसेच चारित्र्याविषय असलेल्या थोर व्यक्तीच्या जीवन कार्यातून विद्यार्थ्यांना प्रेरणा मिळेल आणि संकटावर मात करून जीवनात यशस्वी होता येते हा विचार त्यांच्या मनी रुजेल .
- ४) ललित कलाकृतीच्या वाचनातून आनंद ,बोध ,ज्ञान इत्यादीची प्राप्ती होऊन विद्यार्थ्यांच्या जीवनविषयक जाणिवा समृद्ध होतील
- ५) वैचारिकता, तात्त्विकता, काव्यात्मकता ,भावनात्मकता ,सामान्य गोष्टीतील असामान्यत्वचे दर्शन यातून विद्यार्थ्यांचा दृष्टीकोन संपन्न होईल
- ६) विविध प्रकारच्या साहित्याचे आकलन ,वर्णन,आस्वादन,विश्लेषण आणि मूल्यमापन करण्याची क्षमता वाढून विद्यार्थ्यांची अभिरुची विकसित होईल
- ७) उपयोजित घटकाच्या माध्यमातून विविध प्रकारची कौशल्य त्यांच्यात निर्माण होतील व ते रोजगारक्षम होतील

### . वर्ग बीए भाग 2

(PSOs)

#### प्रस्तावना

‘मातृभाषा’ मानवी जीवनाचा पाया आहे आत्मप्रगतीकरण आत्मचिंतन विचाराची देवाण-घेवाण संस्कृतीची उपासना समाजातील आर्थिक राजकीय व्यवहार व्यक्तिमत्त्वाचा विकास या सर्व गोष्टींसाठी भाषेची आवश्यकता आहे मातृभाषेच्या सामर्थ्यावर अभ्यासकाला कोणत्या विषयाच्या अभ्यासासाठी आवश्यक असलेली आकलन शक्ती व कौशल्य याचा विकास होण्यास मदत होते.



साध्या श्रवण भाषण कौशल्यापासून ते प्रतिभा संपन्न सुजन चुलतेपर्यंत प्रत्येक क्रियेत मातृभाषेची आवश्यकता आहे मातृभाषेतूनच कोणत्या क्षेत्रात ज्ञान मिळवणे सुलभ जाते

मराठी भाषा अतिशय समृद्ध अशी भाषा आहे समाजाचा सर्वांगीण विकास हा या भाषेच्या माध्यमातून होतो त्या माध्यमातून विद्यार्थ्यांच्या सर्वांगीण व्यक्तिमत्त्वाचा विकास होतो भाषिक संवेदना भावना विचारशीलता भाषेच्या विविध प्रवाहाची अभिवृत्ती समाजाच्या विकासाकरता महत्त्वाचा असतो मराठी अनिवार्य अभ्यासक्रमातून वैचारिकता समृद्ध होण्यास मदत प्राप्त होते काव्य प्रकारातून सामाजिक अस्मिता अभिव्यक्त होते मराठी भाषा विद्यार्थ्यांना नव्या जाणीव नव्या प्रेरणा देणारा विषय आहे

### **बी ए भाग २/बीए भाग तीन मराठी आवश्यक सेम३/४/५/६ अभ्यासक्रमाची विशिष्ट निष्पत्ती (PSOs)**

- १) संत गाडगेबाबा अमरावती विद्यापीठाच्या मानव विज्ञान विद्याशाखेतील बीएससी भाग एक मराठी आवश्यक अभ्यासक्रमाच्या अध्ययनामुळे विद्यार्थ्यांची साहित्य व भाषा ही संकल्पना स्पष्ट होऊन मराठी भाषा विषयक अभिरुची विकसित होईल
- २) मराठी साहित्य परंपरा लेखक कवी विचारवंत यांचा परिचय होईल त्यांचा लेखनातून आलेला सामाजिक एकात्मता सर्वधर्मसमभाव राष्ट्रीय एकात्मता आणि भारतीय राज्यघटनेचे अधिष्ठान असलेल्या मानवी मूल्यांची विद्यार्थ्यांमध्ये रुजवणूक होईल
- ३) विद्यार्थ्यांमध्ये मराठी भाषा साहित्य कला याविषयी आवड निर्माण होईल त्याची चिकित्सा तुलना समीक्षा करण्याची दृष्टी विकसित झाल्यामुळे विविध साहित्य प्रकारातील लेखनाचे योग्य अध्ययन संशोधन आणि सर्जनशील निर्मिती करतील
- ४) भाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेक पूर्ण तर्कसंगतता आणि करू कारुण्यपूर्ण संवेदनशीलता निर्माण होऊन साहित्याचे भाषेचे व्यावहारिक उपयोजन करता येईल
- ५) कला शाखा वाणिज्य शाखा विज्ञान शाखा या शाखेमध्ये मराठी भाषेच्या तात्विक अभ्यासासह प्रतिष्ठा पूर्ण रोजगार मिळवण्यासाठी भाषिक कौशल्य प्राप्त होतील
- ६) रोजगार निर्मितीसाठी लागणाऱ्या विविध कौशल्य निर्मितीचा दृष्टिकोन विद्यार्थ्यांमध्ये निर्माण होईल

### **अभ्यासक्रमाची निष्पत्ती (COs)**

- १) अभ्यासक्रमासाठी नेमलेल्या पुस्तकातून व साहित्यातून जीवनदर्शन समकालीन व्यवहार जाणवा यांची माहिती होईल
- २) वैचारिक ललित कविता या विविध वाङ्मय प्रकाराचे ज्ञान होईल या वाङ्मय प्रकाराचे वेगळेपण जाणून घेतील तथा यामधील साम्य भेदाचे आकलन होईल
- ३) वैचारिक गद्यातून भाषेच्या सर्जनशील रूपाची विद्यार्थ्यांना आकलन होईल तसेच साहित्य विषय असलेल्या थोर व्यक्तींच्या जीवनकार्याची व त्यांच्या विचाराची प्रेरणा मिळेल
- ४) ललित कलाकृतीच्या वाचनातून आनंद बोध ज्ञान इत्यादीची प्राप्ती होऊन विद्यार्थ्यांच्या जीवन विषयक जाणीव समृद्ध होतील
- ५) वैचारिकता तात्विकता काव्यात्मकता भावनात्मकता सामान्य गोष्टीतील असामान्य तत्वाचे दर्शन यातून विद्यार्थ्यांचा दृष्टिकोन संपन्न होईल
- ६) विद्यार्थ्यांना व्याकरणिक दृष्ट्या योग्य मराठी भाषेचा वापर करण्याचे कौशल्य त्यांच्यामध्ये निर्माण करता येईल



- ७) नागरी सेवा परीक्षेच्या तयारीसाठी विद्यार्थी मराठी भाषेच्या वापरात अचूकता दाखवतील
- ८) विद्यार्थी त्यांच्या दैनंदिन जीवनातील या अभ्यासक्रमाच्या माध्यमातून विविध घडामोडींचा व त्यांच्या शिकण्यातून परस्परसंबंध शोधण्याचा प्रयत्न करतील
- ९) या अभ्यासक्रमातून विद्यार्थ्यांना मूल्य नैतिकता याची धडे मिळू शकतील आणि त्यांच्या दैनंदिन जीवनात ते प्रदर्शित करू शकतात सामाजिक जीवनात त्याचा वापर करू शक

बीए भाग २. /बीए भाग ३

विषय \_मराठी वांग्मय

मराठी वांग्मय अभ्यासक्रमाची विशिष्ट निष्पत्ती (PSOs) program specific outcomes)

- १) संत गाडगेबाबा अमरावती विद्यापीठाच्या मानव विज्ञान विद्या शाखेतील मराठी वांग्मय अभ्यासक्रमाच्या अध्ययनामुळे विद्यार्थ्यांची साहित्य ही संकल्पना स्पष्ट होऊन मराठी भाषा विषयक अभिरुची विकसित होईल.
- २) मराठी साहित्य परंपरा लेखक कवी विचारवंत यांचा परिचय होईल त्यांचा लेखनातून आलेल्या सामाजिक एकात्मता सर्वधर्मसमभाव राष्ट्रीय एकात्मता आणि भारतीय राज्यघटनेचे अधिष्ठान असलेल्या मानवी मूल्यांची विद्यार्थ्यांमध्ये रुजवणूक होईल.
- ३) विद्यार्थ्यांमध्ये साहित्य व कला याविषयी आवड निर्माण होईल त्यांची चिकित्सा तुलना समीक्षा करण्याची दृष्टी विकसित झाल्यामुळे विविध साहित्य प्रकारातील लेखनाचे योग्य अध्ययन संशोधन आणि सर्जनशील निर्मिती करतील.
- ४) भाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेक पूर्ण तर्कसंगतता आणि कारण या पूर्ण संवेदनशीलता निर्माण होऊन साहित्याचे आणि भाषेचे व्यावहारिक उपयोजन करता येईल.
- ५) साहित्याच्या विद्यार्थ्यांमध्ये सही मराठी साहित्याच्या अभ्यासासह प्रतिष्ठा पूर्ण रोजगार मिळवण्यासाठी कौशल्य प्राप्त होतील.
- ६) रोजगार निर्मितीसाठी लागणाऱ्या विविध कौशल्य निर्मितीचा दृष्टिकोन विद्यार्थ्यांमध्ये निर्माण होईल.

मराठी वाङ्मय अभ्यास पत्रिकेतील निष्पत्ती (Cos )

- १) मानव जीवन समृद्ध करणारे या वांग्मय प्रकाराचा परिचय विद्यार्थ्यांना होईल
- २) विद्यार्थ्यांना साहित्य वाचनातून लिहिण्यातून आनंद मिळतो
- ३) विद्यार्थ्यांमध्ये साहित्यिक जाण निर्माण झाल्यामुळे कविता इतर साहित्याला दात देण्याची क्षमता त्यांच्यामध्ये निर्माण होते.
- ४) साहित्यिक म्हणून लघुकथा कादंबऱ्या चरित्र आणि आत्मचरित्र यांची वैशिष्ट्ये विद्यार्थ्यांना समजतात



- ५) भारतीय कवींनी वापरलेले तसेच इंग्रजी वाङ्मयातील काव्यात्मक शब्द लेखन आणि काल्पनिक शब्द या विद्यार्थीं फरक करतात
- ६) भारतीय आणि परदेशी लेखकांच्या कथांच्या कथनातील फरक विद्यार्थी शोधू शकतात
- ७) साहित्याच्या विविध प्रकारांना साहित्यिक संज्ञा आणि सिद्धांत लागू करण्याची विद्यार्थ्यांमध्ये क्षमता निर्माण होते

#### Sem III

- १) विद्यार्थ्यांना साहित्य वाचनातून लिहिण्यातून आनंद मिळतो

#### Sem IV

- १) विद्यार्थ्यांना सार्वभौमिक मूल्यांची चांगली समज निर्माण होते आणि ते जीवनातील विविध परिस्थितींमध्ये लागू करू शकतात
- २) विद्यार्थी निबंधांचे साहित्यिक स्वरूप आणि विश्लेषणात्मक निबंधांचे विविध स्वरूपाचे परीक्षण करू शकतात
- ३) विद्यार्थी विविध साहित्यिक संज्ञा आणि विद्यार्थ्यांचे विश्लेषण करतात आणि त्यांच्या वाचनाशी त्यांचा संबंध जोडतात.

#### Sem v

- १) विद्यार्थी शोकांतिका विनोदी नाट्यमय विडंबन आणि ऐतिहासिक ठिकाणांची वैशिष्ट्ये नोंदवून शकतात आणि वेगळे करू शकतात
- २) मांडव पंथ वारकरी पंथ अशा विविध पंथांचा अभ्यास करू लागतात तसेच महाराष्ट्रातील संस्कृतीचा परिचय विद्यार्थ्यांना होतो
- ३) मराठीमधील पहिले गद्यग्रंथ पहिला काव्यसंग्रह पहिली कवयित्री यांचा परिचय विद्यार्थ्यांना होतो
- ४) मराठीच्या उत्पत्ती विषयक ज्ञान वाङ्मयच्या विद्यार्थ्यांना होतो
- ५) भाषा विज्ञानाचा अभ्यास करून विद्यार्थ्यांना मराठी वाङ्मयाचा व भाषेच्या ध्वनी शब्द पदांतर स्वसनानंतर असा अभ्यास विद्यार्थी करू शकतात

#### Sem VI

- १) विद्यार्थ्यांमध्ये समीक्षण समीक्षण करण्याची क्षमता वाढीस लागते
- २) मराठी साहित्याची पूर्वपटिका विद्यार्थ्यांना समजून देणे
- ३) विद्यार्थ्यांना मराठी साहित्य खाली खंडांचा परिचय होतो
- ५) विद्यार्थ्यांना संत परंपरा महानुभव पंथामधील साहित्य परंपरा यांचा परिचय होतो
- ६) सांस्कृतिक पार्श्वभूमी विद्यार्थ्यांना साहित्याच्या वाचनातून लक्षात येते



**विषय मराठी आवश्यक**  
**वर्ग बीएससी भाग एक**  
**(PSOs)**

**प्रस्तावना**

मातृभाषा मानवी जीवनाचा पाया आहे आत्मप्रगतीकरण आत्मचिंतन विचाराची देवाण-घेवाण संस्कृतीची उपासना समाजातील आर्थिक राजकीय व्यवहार व्यक्तिमत्त्वाचा विकास या सर्व गोष्टींसाठी भाषेची आवश्यकता आहे मातृभाषेच्या सामर्थ्यावर अभ्यासकाला कोणत्या विषयाच्या अभ्यासासाठी आवश्यक असलेली आकलन शक्ती व कौशल्य याचा विकास होण्यास मदत होते. साध्या श्रवण भाषण कौशल्यापासून ते प्रतिभा संपन्न सुजन चुलतेपर्यंत प्रत्येक क्रियेत मातृभाषेची आवश्यकता आहे मातृभाषेतूनच कोणत्या क्षेत्रात ज्ञान मिळवणे सुलभ जाते

मराठी भाषा अतिशय समृद्ध अशी भाषा आहे समाजाचा सर्वांगीण विकास हा या भाषेच्या माध्यमातून होतो त्या माध्यमातून विद्यार्थ्यांच्या सर्वांगीण व्यक्तिमत्त्वाचा विकास होतो भाषिक संवेदना भावना विचारशीलता भाषेच्या विविध प्रवाहाची अभिवृत्ती समाजाच्या विकासाकरता महत्त्वाचा असतो मराठी अनिवार्य अभ्यासक्रमातून वैचारिकता समृद्ध होण्यास मदत प्राप्त होते काव्य प्रकारातून सामाजिक अस्मिता अभिव्यक्त होते मराठी भाषा विद्यार्थ्यांना नव्या जाणीव नव्या प्रेरणा देणारा विषय आहे

**बीएससी भाग १ मराठी आवश्यक सेम१/२ अभ्यासक्रमाची विशिष्ट निष्पत्ती (PSOs)**

- ७) संत गाडगेबाबा अमरावती विद्यापीठाच्या मानव विज्ञान विद्याशाखेतील बीएससी भाग एक मराठी आवश्यक अभ्यासक्रमाच्या अध्ययनामुळे विद्यार्थ्यांची साहित्य व भाषा ही संकल्पना स्पष्ट होऊन मराठी भाषा विषयक अभिरुची विकसित होईल
- ८) मराठी साहित्य परंपरा लेखक कवी विचारवंत यांचा परिचय होईल त्यांचा लेखनातून आलेला सामाजिक एकात्मता सर्वधर्मसमभाव राष्ट्रीय एकात्मता आणि भारतीय राज्यघटनेचे अधिष्ठान असलेल्या मानवी मूल्यांची विद्यार्थ्यांमध्ये रुजवणूक होईल
- ९) विद्यार्थ्यांमध्ये मराठी भाषा साहित्य कला याविषयी आवड निर्माण होईल त्याची चिकित्सा तुलना समीक्षा करण्याची दृष्टी विकसित झाल्यामुळे विविध साहित्य प्रकारातील लेखनाचे योग्य अध्यायन संशोधन आणि सर्जनशील निर्मिती करतील





- १०) भाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेक पूर्ण तर्कसंगतता आणि करू कारुण्यपूर्ण संवेदनशीलता निर्माण होऊन साहित्याचे भाषेचे व्यवहारिक उपयोजन करता येईल
- ११) कला शाखा वाणिज्य शाखा विज्ञान शाखा या शाखेमध्ये मराठी भाषेच्या तात्विक अभ्यासासह प्रतिष्ठा पूर्ण रोजगार मिळवण्यासाठी भाषिक कौशल्य प्राप्त होतील
- १२) रोजगार निर्मितीसाठी लागणाऱ्या विविध कौशल्य निर्मितीचा दृष्टिकोन विद्यार्थ्यांमध्ये निर्माण होईल

### अभ्यासक्रमाची निष्पत्ती (COs )

- १) अभ्यासक्रमासाठी नेमलेल्या पुस्तकातून व साहित्यातून जीवनदर्शन समकालीन व्यवहार जाणवा यांची माहिती होईल
- २) वैचारिक ललित कविता या विविध वांग्मय प्रकाराचे ज्ञान होईल या वांग्मय प्रकाराचे वेगळेपण जाणून घेतील तथा यामधील साम्य भेदाचे आकलन होईल
- ३) वैचारिक गद्यातून भाषेच्या सर्जनशील रूपाची विद्यार्थ्यांना आकलन होईल तसेच साहित्य विषय असलेल्या थोर व्यक्तींच्या जीवनकार्याची व त्यांच्या विचाराची प्रेरणा मिळेल
- ४) ललित कलाकृतीच्या वाचनातून आनंद बोध ज्ञान इत्यादीची प्राप्ती होऊन विद्यार्थ्यांच्या जीवन विषयक जाणीव समृद्ध होतील
- ५) वैचारिकता तात्विकता काव्यात्मकता भावनात्मकता सामान्य गोष्टीतील असामान्य तत्वाचे दर्शन यातून विद्यार्थ्यांचा दृष्टिकोन संपन्न होईल
- ६) विद्यार्थ्यांना व्याकरणिक दृष्ट्या योग्य मराठी भाषेचा वापर करण्याचे कौशल्य त्यांच्यामध्ये निर्माण करता येईल
- ७) नागरी सेवा परीक्षेच्या तयारीसाठी विद्यार्थी मराठी भाषेच्या वापरात अचूकता दाखवतील
- ८) विद्यार्थी त्यांच्या दैनंदिन जीवनातील या अभ्यासक्रमाच्या माध्यमातून विविध घडामोडींचा व त्यांच्या शिकण्यातून परस्परसंबंध शोधण्याचा प्रयत्न करतील
- ९) या अभ्यासक्रमातून विद्यार्थ्यांना मूल्य नैतिकता याची धडे मिळू शकतील आणि त्यांच्या दैनंदिन जीवनात ते प्रदर्शित करू शकतात सामाजिक जीवनात त्याचा वापर करू शकतात

विद्याशाखा:-मानव विज्ञान (Humanities)

अभ्यासक्रम:- एम ए (मराठी) M.A.Marathi

प्रस्तावना:-



मातृभाषा मानवी जीवनाचा पाया आहे अथवा प्रगटीकरण आत्मचिंतन विचाराची देवाण-घेवाण संस्कृतीची जोपासना समाजातील आर्थिक राजकीय व्यवहार व्यक्तिमत्त्वाचा विकास या सर्व गोष्टींसाठी भाषेची आवश्यकता आहे मातृभाषेच्या सामर्थ्यावर अभ्यासकाला कोणत्याही विषयाच्या अभ्यासासाठी आवश्यक असलेली आकलन शक्ती व कौशल्य याचा विकास होण्यास मदत होते मराठी भाषा अतिशय समृद्ध अशी भाषा आहे समाजाचा सर्वांगीण विकास हा भाषेच्या माध्यमातून होतो त्या माध्यमातून विद्यार्थ्यांच्या सर्वांगीण व्यक्तिमत्त्वाचा विकास होतो भाषिक संवेदना भावना विचारशीलता भाषेच्या विविध प्रवाहाची अभिवृद्धी समाजाच्या विकासाकरता महत्त्वाची असते मराठी अन्वार्थ अभ्यासक्रमातून वैचारिकता समृद्ध होण्यास मदत होते तसेच ललित साहित्यातून जीवना अनुभवाची नवीन दृष्टी प्राप्त होते. काव्य प्रकारातून सामाजिक अस्मिता अभिव्यक्त होते मराठी भाषा विद्यार्थ्यांना नव्या जाणीव नव्या प्रेरणा देणारा विषय आहे

### **POs अभ्यासक्रमाची निष्पत्ती**

- १) जीवन व्यवहाराच्या विविध क्षेत्रातील अंतर संबंधाचे ज्ञान प्राप्त होईल तसेच त्यातील गुंतागुंत समजून घेऊन वैश्विक मानवतेच्या व्यापक पटावर जीवनाचे आकलन करून घेण्याची दृष्टी प्राप्त होईल
- २) व्यक्तिगत आणि सार्वजनिक जीवनातील बदलत्या परिस्थितीचे आकलन करून त्यात विवेक पूर्ण विचार आणि व्यवहार करण्यासाठीची विचार प्रवणता आणि कृतीशीलता निर्माण होईल
- ३) प्रतिष्ठा पूर्ण आणि आत्मसन्मानाने स्वावलंबी जीवन जगण्याची व इतरांनाही त्या दृष्टीने सहकार्य करण्याची इच्छाशक्ती अंगी बनवता येईल
- ४) संशोधक वृत्ती जिज्ञासूपणा आणि ज्ञानलालसा वाढीस लागून ज्ञानाचे व्यावहारिक उपयोजन करता येईल
- ५) चिकित्सक आणि तुलनात्मक अभ्यास दृष्टीचा विकास होईल त्यामुळे जीवनातील सैद्धांतिक आणि प्रायोगिक पातळीवरील समस्याचे कालसापेक्ष भान निर्माण होऊन सर्जनशील पर्याय देण्याची प्रक्रिया विकसित होईल
- ६) भाषाभान जागृत होऊन मानवी सभ्यतेतील भाषेचे प्रयोजन आणि बदलत्या काळातील त्याचे उपयोजन करता येईल शिवाय बहुभाषिक आणि बहु सांस्कृतिक लौकिक प्राप्त करून घेता येईल
- ७) विचार आणि भावपूर्ण पद्धतीने झाल्यामुळे आत्मविश्वासाने जीवन जगता येईल
- ८) माहिती व तंत्रज्ञानाची कौशल्य विकसित करून रोजगार सक्षम होता येईल

### **Cos अभ्यास पत्रिकेची निष्पत्ती**



- १) संत गाडगेबाबा अमरावती विद्यापीठाच्या मानव विज्ञान शाखेतील एम ए मराठी अभ्यासक्रमाच्या अध्ययनामुळे विद्यार्थ्यांची साहित्य ही संकल्पना सुस्पष्ट होऊन त्याची अभिरुची वृद्धिंगत होईल
- २) समकालीन बदलत्या संदर्भात मराठी समाज भाषा इतिहास साहित्य आणि संस्कृतीचे चिकित्सक आकलन होईल
- ३) भाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेक पूर्ण तर्कसंगतता आणि तारुण्यपूर्ण संवेदनशीलता निर्माण होऊन साहित्याचे व्यवहारिक उपयोजन करता येईल
- ४) भाषेच्या तात्विक अभ्यासासह प्रतिष्ठा पूर्ण रोजगार प्राप्तीसाठी चे भाषिक कौशल्य प्राप्त होईल
- ५) साहित्य विषयक जाणीव व आस्वादक क्षमता समृद्ध होईल लेखन कौशल्य विकासाला सहाय्य होईल
- ६) संभाषण कौशल्य व विविध व्यवसाय क्षेत्रात संधी उपलब्ध होईल
- ७) साहित्यकृतीचे वर्णन विश्लेषण व मूल्यमापन करता येईल
- ८) साहित्य व जीवन यांच्या परस्पर संबंधाची चिकित्सा करता येईल

**Department of Economics**  
**Programme Specific Outcomes**  
**Academic Year: 2023-24**

- PSO 1- To study economics theories and principles and see their applications.
- PSO 2- Understand and study the Indian economics.
- PSO 3- Understand and study the Maharashtra's economics.
- PSO 4- Understand and study monetary policies of India.



- PSO 5- Determined economic variables including inflation, unemployment, poverty, Indian population and balance of payment.
- PSO 6- Understand the money markets and making Investment decisions.
- PSO 7- Understand the function of the Banking system.
- PSO 8- Understand the commercial Bank and Central Bank.
- PSO 9- Understand the function and working system of ATM, Credit Card and E- Banking.
- PSO 10- Understand the role of Indian population growth.
- PSO 11- Understand the causes of increasing the population and its effect.

## **Semester I**

### **Course - Micro Economics**

**Course outcomes - On completion of the course, student are able to understand -**

- CO 1 - Aware about fundamental concepts of economics.
- CO 2 - Understands economic approach.
- CO 3- Know role of market in real life.
- CO 4- Understands the theory of monopoly and monopolistic competition.
- CO S- Understand the theories of rent, wages, interest and profit.

## **Semester II**

### **Course - Economy of Maharashtra.**



**Course outcomes - On completion of the course, students are able to understand -**

- CO 1 - Understand nature of Maharashtra economy.
- CO 2 - Understand population and economic development.
- CO3 - Understand the causes of farmer's suicides.
- CO4 - Understands infrastructure and economic development.
- CO5 - Understand role of agriculture in Maharashtra economy.

### **Semester III**

#### **Course - Macro Economics**

**Course outcomes - On completion of the course, student are able to understand -**

- CO 1 - Understand macro economics concept.
- CO 2 - Understand of National Income.
- CO 3 - Understand of employment theories.
- CO 4 - Understand the consumption and investment functions.
- CO 5 - Understand concept of inflation and deflation.

### **Semester IV**

#### **Course - Banking**

**Course outcomes - On completion of the course, student are able to understand -**

- CO 1 - Aware about fundamental functions of Commercial Bank and Central Bank.
- CO2 - Understand Banking system.



- CO3 - Know Role of the Bank in Real Life.
- CO4 - Understand the function and work of ATM, E-Banking, and Credit Card.
- CO5 - Create awareness about Digital Transactions.

## **Semester V**

### **Course - Indian Economy Development and Environment Economics.**

**Course outcomes-on completion of the course, students are able to understand -**

- CO 1- Understand concept of globalization and privatization.
- CO 2 - Understand the public expenditure in India.
- CO 3 - Understand the concept of budget and deficit budget.
- CO 4 - Understand the Indian agriculture sector.
- CO 5 - Understand the concept of environmental pollution, air pollution, water pollution, water pollution and land pollution.
- CO 6 - Understand the remedies of environmental pollution, air pollution, water pollution, water pollution and land pollution.

## **Semester VI**

### **Course – Demography**

**Course outcomes on completion of the course, students are able to understand –**

- CO 1 – Understand the structure of Indian population.
- CO 2 – Understand the birthrate and death rate of Indian population.
- CO 3 – Understand the causes of increase the population in India.
- CO 4 – Understand the population policy.



- CO 5 – Understand the Malthus Theory of population.
- CO 6 – Understand the Theory of Demographic Transition.
- CO 7 – Understand the concept and types of migration.
- CO 8 – Understands the effects of migration on population.

\*\*\*\*\*

## **Bachelor of Arts      History**

**PSO1: Analyze the Socio-Political and Cultural background of the Indian History.**

**PSO2: Examine various perspectives of history and historiography.**

**PSO3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.**

**PSO4: Compare various concepts in Social Studies through the Indian History.**

**PSO5: Describe the developments of mankind**

### **B.A. I (Semester I)**

### **History of India from Early to 700 A.D**

#### **Course Outcome (COs)**

- 1: Survey the sources of History of Ancient India.
- 2: Describe the social, economic, religious and institutional bases of Ancient India.
- 3: Analyse development of the concept of Nation- State background of political history.
- 4: Study ancient Indian Art & Architecture

#### **On successful completion of the Course the students will be able to:**

- 1: Learn the socio-political and cultural background of the Ancient Indian History.
- 2: Learn various Ancient Indian History Tourist places and Guide Tourist.
- 3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.
- 4: Understand various concepts in Social Studies through the Ancient Indian History.
- 5: Learn developments of mankind.



## **B.A. I (Semester II)**

### **History of India from Early to 701 A.D to 1525 A.D.**

#### **Course Outcome**

- 1: Survey the sources of History in Sultanate period of India.
- 2: Analyze the social, economic, religious and institutional bases of Sultanate period of India.
- 3: Known development of the concept of Nation- State background of political history.
- 4: Study Sultanate period of India Art & Architecture

#### **On successful completion of the Course the students will be able to:**

- 1: Learn the socio-political and cultural background of the Sultanate period of Indian History.
- 2: Learn various Sultanate period Indian History Tourist places and Guide Tourist.
- 3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.
- 4: Analyze various concepts in Social Studies through the Sultanate period of Indian History.
- 5: Learn developments of mankind Through Religious Movements.

## **B.A. II (Semester III)**

### **History of India from 1526 A.D.to 1756 A.D.**

#### **Course Outcome**

- CO1: Survey the sources of History of Medieval India.
- CO2: Describe the social, economic, religious and institutional bases of Medieval India.
- CO3: Analyze development of the concept of Nation- State background of political history.
- CO4: Study medieval Indian Art & Architecture

#### **On successful completion of the Course the students will be able to:**

- CSO1: Learn the socio-political and cultural background of the Medieval Indian History.





CSO2: Learn various Medieval Indian History Tourist places and Guide Tourist.

CSO3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.

CSO4: Understand various concepts in Social Studies through the Medieval Indian History.

CSO5: Learn developments of mankind.

## **B.A. II (Semester IV)**

### **History of Modern India from 1757 A.D.to 1947 A.D.**

#### **Course Outcome**

CO1: Learn the colonialism in India.

CO2: Understand the social, economic, religious and institutional bases of Modern India.

CO3: Know development of the concept of Nation- State background of political history.

CO4: Study of Modern Indian development of Democracy.

#### **On successful completion of the Course the students will be able to:**

CSO1: Learn the socio-political and cultural background of the Modern Indian History.

CSO2: Learn various Modern Indian History Tourist places and Guide Tourist.

CSO3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.

CSO4: Understand various concepts in Social Studies through the Modern Indian History.

CSO5: Learn developments of mankind and respect to our Freedom Fighter.

## **B.A. III (Semester V)**

### **History of Social Reformers in Modern Maharashtra**

#### **Course Outcome**

CO1: Introduction to landmark events in world history.

CO2: Understand policy of imperialism and changes in world political order.

CO3: Emergence of state of Germany and its diplomatic policy.

CO4: Critically analysis background of first world and international peacemaking attempts that followed.

#### **On successful completion of the Course the students will be able to:**

CSO1: Learn the socio-political and cultural background of the Modern World History.

CSO2: To learn the history of various countries in Modern world.

CSO3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.



CSO4: To help the understand various concepts in Social Studies through the history of Modern World.

CSO5: Learn developments of mankind, respect to great world leader, philosopher and researcher.

## **B.A. III (Semester VI)**

### **History of Modern World (From-1921 to 1965 AD)**

#### **Course Outcome:**

**CO1:** Analyze causes for the rise of dictatorship in Europe.

**CO2:** Understand international crisis, inter world war period politics and events leading to Second World War and its aftermath.

**CO3:** Understand world politics after world and attempts to restore world peace.

**CO3:** Students will get to know how the world became polarized.

**CO4:** Students became introduction to politics shifts in west Asia.

#### **On successful completion of the Course the students will be able to:**

CSO1: Learn the socio-political and cultural background of the Modern World History.

CSO2: Learn various Modern world History Tourist places and Guide Tourist.

CSO3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.

CSO4: Understand various concepts in Social Studies through the Modern World History.

CSO5: Learn developments of mankind, respect to great world leader, philosopher and researcher.

## **Subject: Home-Economics**

### **PSO of BA (Home-Economics)**

PSO1: Understand the students to the field of Home-Economics.

PSO2: To create an awareness among the students about resources and their management in the family.

PSO3: To develop knowledge and skills regarding principles and methods of interior decoration.

PSO4: Develop skill regarding preparing the Bouquets and Flower Arrangements for decoration and enhance the chances of employment.

PSO5: Understand the basic concepts of nutrition.

PSO6: Gain knowledge on nutrients and nutritive value of the foods.

PSO7: Acquaint with classification of food as per functionality.

PSO8: Acquire abilities to plan diets for various diseases as well as healthy humans.

PSO9: Understand method of food preparation, enrichment, enhancement and preservation.

PSO10: Promote entrepreneurship skill.



PSO11: Introduce the students to major concepts of Human Development

PSO12: Understand various behavioural problems of child and dealing with those problems

PSO13: Understand general case of baby

PSO14: Causes and prevention of mother and child mortality.

PSO15: Understand various development of a child.

PSO16: Acquire basic knowledge of principles involved in planning of residential house.

PSO17: Learn and apply various methods and techniques of work simplification.

PSO18: Awareness about waste management and water conservation for environment protection.

Programme: UG (B.A. Home Economics)

Part A

### **PSOs**

After successfully completion of UG course in Home Economics student will be able to -

Describe the home management process and apply it in practice for planning and executing inside and outside the home. Play model role as a home maker, home manager, home Scientist, counselor as well as play a different role in different kinds. Build Confidence to create her own business and adjust in it better way. Derive certain changes in behavior and attitudes that require for effective communication and as a Entrepreneur.

### **Program- BA**

**Course/ Subject: HOME ECONOMICS - Semester-I**

**Title of the Course/ Subject -Family Resource Management and Interior Decoration**

Objectives: This course will enable the students-

- To recognize the basic concepts home economics.
- To design a plan of home-work using management process.
- To classify the resources and decisions and use it effectively.
- To enhance the chances of reaching the desired goals through wise decisions and effective use of resources.
- To apply the course knowledge in day-to-day life.

### **COs**

After successfully completion of course student should be able to-



- Formulate a plan of activities/programs managing and saving resources.
- Evaluate the planned activities and will be able to build better plan in coming program.
- Classify the decisions to its hierarchy for achieving a goal in future.
- Make family budget with list of items.
- Make greeting cards and sample design using colour schemes
- Quote and Name to each flower arrangement

### **SEM (Module) Event Management**

Objectives: -

1. To Acquire the basic concept of event management
2. To design a event plan for carrying out easily and skillfully.
3. To enable event delivery and evaluation
4. To develop skills Event /planning is a source of employment and self-employment

COs

After successfully completion of module course students should be able to –

- Design Draft of event plan and follow the timeline
- Do job work in event planning industry as well as play a role of Event manager after well-practiced
- Identify best practice in the development and delivery for successful event.
- Enhance the scope for bringing understandings into event planning practices

Program- BA

**(Laboratory/Practical/practicum/hands- on/Activity)**

**Course/ Subject: HOME ECONOMICS - Semester-I**

**Title of the Course/ Subject - Family Resource Management and Interior Decoration**

COs-

After successfully completion of practical course student will be able to-

- Draw a design for colour schemes.
- Apply the practical knowledge of colour schemes for rangoli and flower arrangement.
- Do and demonstrate types of flower arrangements.
- Take order of flower decoration.

Program- BA

Course/ Subject: HOME ECONOMICS - Semester-II



Title of the Course/ Subject - Family Resource Management and Interior Decoration

Objectives: -

- To realize the basic concepts of housing
- To design a plan of different arrangements in home Decoration
- To modify the home simply using this course knowledge.
- To demonstrate the principles of housing
- To develop aesthetic sense of students.

COs

After successfully completion of course student can-

- Formulate a plan of arrangements to modify home decoration.
- Classify and arrange the items using principles of housing.
- Design plan of work/ activities by acquiring knowledge of Work Simplification
- Make carrier in the field Interior Decoration and designing.
- Apply and guide ergonomics' technique for comfort physique.

### **SEM (Module) Interior Decoration**

Objectives: This Module will enable the students-

- To describe the basic concept of Interior Decoration
- To design art draft skillfully.
- To inspire the students to choose their carrier in this field
- To apply the knowledge in their carrier advancement

COs

After successfully completion of module course student should be able to-

- Design a Draft plan of interior decoration on gain knowledge.
- Match all the arrangements in order to relation in home space and area.
- Enhanced their Skills in this field for carrier advancement.
- Open his/her self- enterprise all industry, applying the respective course knowledge.

### **(Laboratory/Practical/practicum/hands- on/Activity)**

**Course/ Subject: HOME ECONOMICS - Semester-II**

**Title of the Course/ Subject - Family Resource Management and Interior Decoration**

COs-

After successfully completion of practical course student will be able to-



- Draw a design on clothes.
- Apply the practical knowledge for making block printing sample
- Create carpet designs applying motifs
- Decorate their own home by applying the practical course knowledge.
- Enter in this field doing self-enterprise.

### **Course Outcome of BA Part II Food Science and Nutrition**

CO1: Functions of food, classification, sources, functions, requirement, deficiency symptoms of nutrient.

CO2: Understand the major five food groups.

CO3: Understand balanced diet, formulation of balanced diets of according to requirement of lactating and pregnancy.

CO4: Principles, types of therapeutic diets and role of dietitian.

CO5: Causes, symptoms and dietary treatment for the diseases related to digestive system and liver.

CO6: Traditional and modern food preparation.

CO7: Meaning, Principles and methods of food preservation.

CO8: Effects of food adulterants on human life.

### **Course Outcome of BA Part III (Home Development)**

CO1: Reproductive System Male and Female

CO2: Understand prenatal development and factors affecting prenatal development.

CO3: Premature babies and their care and problems of childhood and immunization.

CO4: Meaning and laws of heredity and types of environment. Importance of environment in development of child.

CO5: Factors influencing growth and development.

CO6: Merits and demerits of discipline and significance of punishment and rewards.

CO7: Motor, speech, social, emotional development of child.

CO8: Parent-child relationships



CO9: Importance, need for desirable child rearing practices.

CO10: Importance, types of play and leadership

### **Programme Outcome**

PO1: Students can establish own enterprises like boutiques, small scale industries, day-care-centre, preschool etc.

PO2: Students can do interior decoration and kitchen plan, event management programme.

PO3: Gained the knowledge to employ child development project officer in women development and child welfare development, NGO's and child guidance clinics.

PO4: Job opportunities as dietician in hospitals.

PO5: Enhances nutritional knowledge required to be healthy physically and psychologically.

PO6: Augment the young minds with managerial skills to lead a better family life.

### **Program: B.A. (Political Science)**

#### **Part A**

##### **POs**

- 1: Understanding of constitution, government institutions, electoral processes and policies.**
2. Knowledge of some of the philosophical underpinnings of modern politics and government.
3. Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge,
- 4: Knowledge of key theories and concepts, political thoughts, organization, and modern issues in international relations.
5. Develop the analytical abilities, observational skills and decision making abilities of the students so that they will be able to face different challenges of life
- 6: Equip students with the concepts, principles, theories and processes studied in Political Science, so as to facilitate their career choices and employment.
7. Aim at shaping the students' perception and outlook on social, economic and political environment of India and beyond.

##### **PSOs**

**Student of B.A. program studying Political Science as an optional subject is expected to**

- I: To understand the basic structure of Indian political system
- 2: To Inculcate interest in political Science
- 3: To create the leadership qualities in students
- 4: To understand Indian governing system

**Program: B.A. (Political Science)**



## Semester – 1

Code of the Course Subject	Title of the Course/Subject	(Total Number of Periods)
Political Science	Indian Political System	75

### COs

At the end of the course the students should be able to

1. Understand and explain the significance of Indian constitution as the fundamental law of the land.
2. To know the making process of the constitution and salient features of Indian constitution.
3. Exercise the fundamental rights in proper sense at the same time identifies his responsibilities in national building.
- 4: Analyze the Indian Political System, the powers and functions of the Union, State Government in detail.
- 5: Critically analyzing the important institutions of Indian Union: The Executive: President, Vice-President, Prime Minister, Council of Ministers, State Executive: Governor, Chief Minister, Council of Ministers, The Legislature: Rajya Sabha, Lok Sabha, State Legislature, The Judiciary: Supreme Court and High Court: Composition and jurisdictions
- 6: To make conscious of the social, cultural, economic and political environment that affects politics in India, at the national as well as regional levels.

## Semester II

Code of the Course Subject	Title of the Course/Subject	(Total Number of Periods)
Political Science	Indian Political System	75

### COs

At the end of the course the students should be able to

1. Understand and explain the significance of Election Commission of India
2. Know the powers and role of Governor, Chief Minister & Council of Minister
3. Understand structure & powers of Legislative Assembly and Legislative Council
- 4: Explain the structure and jurisdiction of High Court and District Court
5. Know the Composition Function and Powers of Grampanchayat & Gram Sabha

**Subject: Political Science**





## **Class: BA Part-II (Sem-III & IV)**

### **Course: Selected Constitutions & International Relations ( UK , USA & China )**

By the completion of this course the student will be able to

CO1 : Salient features of the constitutions of UK, Historical Background of Crown, Powers of Crown, Prime Minister: Appointment, Role and Functions, Cabinet : Structure and Functions

CO2 : Parliamentary System of UK : House of Lords & House of Commons - Composition, Powers and Functions, Role of Opposition

CO3: Salient features of Constitution of USA , President : Election Process , Powers and Functions, Cabinet: Structure and Functions, Vice-President: Election Process, Powers and Functions

CO4 : Legislature of USA: Senate, House of Representatives and Supreme Court - Composition, Powers and Functions

CO5 : SAARC: Objectives, Structure and Function

### **Course: Selected Constitution & International Relations Selected Constitutions ( UK , USA & China )**

By the completion of this course the student will be able to

CO1 : Salient features of Constitution of China (1982), National People's Congress, Standing Committee: Composition, Powers and Functions

CO2 : President of China, Prime Minister of China : Appointment, Role and Functions, State Council: Composition, Powers and Functions, Role of Communist Party

CO3 : United Nations Organization : Charter, Aims & Basic Principles, General Assembly of UNO

CO4 : Security Council of UNO: Composition and Functions, Secretary General: Appointment, Powers and Functions

CO5 : Indo – China Relations – Major Issues , Tibet Dispute, Role of China about India in UNO, Impact of Chinese goods and market on Indian Economy

## **Class: BA Part-III (Sem-V & VI)**

### **Subject: Political Science**



### **Course :Modern Concepts & Policy in Politics**

By the completion of this course the student will be able to

CO1 : Leadership: Meaning, Factors and Role

CO2 : Reservation: Meaning and Nature of Indian Reservation Policy, Reservation in Indian Parliament and Politics in India

CO3 : Nationalism: Meaning and Nature, Factors, Present Status in India

CO4 : Communalism: Meaning, Role and Present Status in India

CO5 : Terrorism: Meaning and Definition, Kinds, Prevention Acts

### **Course: Concepts of Western and Indian Thinkers**

By the completion of this course the student will be able to

CO1: Concepts of State: Aristotle - Classification of State, M K Gandhi: Concept of Ramrajya

CO2; Concepts of Democracy: Walter Bagehot, Abraham Lincoln  
Dr B R Ambedkar – Parliamentary Democracy

CO3: Concept of Nationalism: Niccolo Machiavelli, Swami Vivekananda, V D Sawarkar

CO4: Concept of Socialism: Karl Marx, Pt Jawaharlal Nehru, Ram Manohar Lohiya

CO5: Concept of Behaviouralism: David Easton

Concept of post Behaviouralism: Gabriel Almond

Concept of Sovereignty: John Austin

### **Department of Commerce**

**Session: 2023-2024**

### **PROGRAMME OUTCOME**

### **PROGRAMME SPECIFIC OUTCOME**



## **COURSE OUTCOME**

**Faculty: Commerce & Management**

**Programme: Bachelor of Commerce(B.Com.) (CBCS & CGS)**

### **Programme Outcomes**

1. Attain requisite skills and knowledge after the completion of the programme.
2. Achieve the basic knowledge of Economics.
3. Assimilate basic knowledge of Accountancy & Statistics.
4. Efficiency in reading and writing skill.
5. Achieve requisite skills and knowledge of preparing cashbook, ledger books and balance sheet of company.
6. Become knowledgeable about marketing.
7. Create a self-employment.
8. Assimilate ethics of life.
9. Achieve Environmental awareness.
10. Attain fundamental knowledge of Computer.

### **Program Specific Outcomes**

1. For pursuing PhD in their chosen research area.
2. To enhance the horizon of knowledge in various field of commerce through advertising and sales promotion, finance and entrepreneurial development.
3. To enhance the computer skills and its applicability in business through e-commerce principles.
4. Train the students on teamwork, lifelong learning and continuous professional development.
5. Prepare the students to apply Statistical methods and proficient use of tools for modeling and analysis of business data.



## Course Outcomes

### **Bachelor of Commerce - Part I**

#### **Semester I**

#### **(CBCS PATTERN)**

#### **Subject : Principle of Accountancy**

- 1) Student important basic accounting knowledge at applicable to business i.e. meaning of accountancy.
- 2) Able to handling account transaction
- 3) Maintaining sub subsidiary books and all types of cash books
- 4) Calculation of depreciation method of assets
- 5) Preparation of all types of final account

#### **Subject : Principle of Business Economics**

1. Application of Micro & Macroeconomic Concepts
2. Application of Utility & Indifference Curve Analysis
3. Application of Demand Pattern
4. Application of Supply and Production Pattern
5. Application of Cost & Revenue Pattern

#### **Subject : Principle of Business Management**

- 1) With this course, students will be able to have clear understanding of managerial functions.
- 2) Students will have the knowledge of planning process in the organization.
- 3) Students will be able to demonstrate the ability to directing, leadership and communicate effectively.
- 4) Students able to analyze isolate issues and formulate best control tools and techniques.

#### **Subject : Computer Fundamental And Operating System-I**



1. Get information about evolution and application of computer & its development.
2. Know about different elements of computer system.
3. Aware about different types of memory.
4. Get to know about different input devices and output devices.
5. Learn to prepare a text document with complete formatting and page setting.

### **Subject : Computer Fundamental And Operating System-I (Practical)**

1. Prepare new document using Templates.
2. Change font size & font color
3. Change line spacing of Paragraph
4. Change case of Paragraph
5. Create Bullets, Numbering list
6. Create Subscript & Superscript
7. Decrease and Increase of Paragraph indent
8. Insert Header & Footer in document
9. Page Setup of Document
10. Insert Page break, Section break, Columns.
11. Students will learn to final Proofing and printing documents

### **Subject : Generic Elective :Discovery of Bharat**

CO1: Survey the sources of History of Ancient India.

CO2: Describe the social, economic, religious and institutional bases of Ancient India.

CO3: Analyze development of the concept of Nation- State background of political history.

CO4: Study ancient Indian Art & Architecture

CO5: Students will acquire knowledge regarding the primitive life and cultural status of the people of ancient India.

## **Bachelor of Commerce - Part I**

### **Semester II**

### **(CBCS PATTERN)**



### **Subject : Financial Accounting**

1. Rectification of Journal entry
2. Student acquire the knowledge of nonprofit organization
3. Prepare the all types of cooperative society account
4. Students should be acquired partnership firm accountancy
5. The bill of exchange contest and unconditional order to pay a create amount on as agree day.

### **Subject : Business Economics**

1. Examine the difference between business and managerial economics.
2. Application of Discriminative nature of monopolist.
3. Application of monopolistic competition, oligopoly, and perfect competition
4. Application of demand and supply pattern of rent and wage.
5. Application of the theories of interest and profit.

### **Subject : Principle of Business Organization**

1. To Familiar with business organization.
2. Understand the concepts related to Business policies.
3. Demonstrate the roles, skills and functions of management.
4. To diagnose and solve organizational problems and develop optimal managerial decisions.

### **Subject : Computer Fundamental And Operating System-II**

1. Get basic introduction of Computer and mobile operating systems
2. Know concept of windows versions.
3. Create and delete file in File Explorer.
4. Know concept of modern communication and network topologies.
5. Create e-mail account and compose e-mail message.



6. Create table, utilizing existing Template provided by Microsoft and add customization on Template according to user needs.
7. Identify steps in the process and complete an activity to create a mail merge.
8. Develop the skill of power point programs.
9. Insert various graphical object on slide.
10. Add different Transition, Animation, Sound and Timing effect to Slide.
11. Run a presentation on computer screen.

**Subject : Computer Fundamental And Operating System-II (Practical)**

1. Know how to organize files/folder in File Explorer
2. Understand different customization setting in windows 10.
3. Create windows login Account which is necessary for Windows 10
4. Create table, utilizing existing Template provided by Microsoft and add customization template according to user needs.
5. Add header and footer to long list of pages which is crucial.
6. Complete Mail Merge process.
7. Change layout of pages
8. Create Presentation, designing slides and add different Transition and Animation effect to objects and Slide

**Subject : Generic Open Elective Course: Personality Development & Soft Skill**

1. To understand the scope of personality development and soft skill.
2. Preparing the qualities that are important in the competitive era.
3. To convince the students of the importance and importance of communication skills.

**Bachelor of Commerce - Part II**

**Semester III**

**(CBCS PATTERN)**

**Subject : Company Account**



1. Understand the process with its legal requirements for issuing, forfeiting, and re-issuing equity shares. Apply the relevant accounting treatments and procedures for recording these transactions.
2. Comprehend the format and requirements of Schedule VI Part I & II of the Companies Act 2013 for preparing the final accounts and financial statements of a company. Also, prepare the final accounts and financial statements of a company in accordance with the prescribed schedule and guidelines.
3. Understand the concept and accounting treatment for profit earned before the incorporation of a company and apply the appropriate methods for calculating and disclosing profit prior to incorporation in the financial statements.
4. Gain knowledge of the concept of amalgamation and the different types of amalgamation. Understand the accounting treatment for amalgamation, including the preparation of amalgamation accounts and the treatment of assets, liabilities, and reserves.
5. Comprehend legally the concept of absorption and accounting aspects involved in the absorption of a company. Apply the relevant accounting procedures and treatments for recording the absorption of a company.

### **Subject : Marketing Management**

1. To understand the various Concept of Marketing Management and Marketing Mix.
2. To understand the Concept of Product, Branding and new product development.
3. To understand the concept of Pricing Policies and pricing mix strategies.
4. To understand Marketing Channel and its Co-operation.
5. To understand the concept of Promotion and its tools.

### **Subject : Auditing**

1. Acquire profound knowledge about Auditing
2. Understand the Auditing Procedure
3. Identify any discrepancies in the financial reports of an organization or institution
4. Analyze the financial reports and records of any institution/organization
5. Prepare an Audit Report of any institution/organization.





6. Understand the duties and liabilities of a company auditor.
7. Understand skills required for Auditing

### **Subject : Indian Monetary System**

1. To understand the structure & function of Indian Monetary System.
2. To enable students to understand the functions, importance and kinds of money.
3. Application of Money Market.
4. To understand the Inflation and Deflation targeting with special reference to India.
5. To understand the Effects of Demonetization on various sectors in Indian economy.

### **Subject : Information Technology & Business Data Processing-I**

1. Get information about usage of data and how to process the data.
2. Know about DBMS and data warehousing.
3. Become aware about different types of data processing.
4. Know about Spreadsheet Package and its components with formatting.
5. Prepare formulas, functions and charts with complete formatting and page setting.

### **Subject : Information Technology & Business Data Processing-I(Practical)**

- 1) Prepare new Spreadsheet and perform insert, delete and formatting.
- 2) Perform Data entry in the cell.
- 3) Perform sorting on the given data.
- 4) Formatting of row, column and cell.
- 5) Perform the calculations using formulas.
- 6) Perform the calculations using functions.
- 7) Page Setup of Spreadsheet
- 8) Create various charts and graphs.
- 9) Students will learn to printing Spreadsheet, salary sheet and mark sheet .

### **Bachelor of Commerce - Part II**



**Semester IV**  
**(CBCS PATTERN)**

**Subject : Corporate Accounts**

1. Understand the meaning of goodwill, its characteristics and the need for its valuation, demonstrate knowledge of the methods used for the valuation of goodwill.
2. Comprehend the meaning of shares, their characteristics, and the need for their valuation, as also apply some of the methods.
3. Interpret and prepare the final accounts of a company during liquidation.
4. Demonstrate an understanding of the preparation of final accounts for a banking company, including schedule-wise Profit & Loss Account and Balance Sheet.
5. Understand the meaning of fund and funds flow along with the objectives, limitations, and uses of a Funds Flow Statement, as also solve problems related to the preparation and interpretation of Funds Flow Statements.

**Subject : Income Tax**

1. Understand basic concepts of income tax
2. Compute total income of an Individual
3. Know how they can save taxes in a legitimate way through the basic understanding of deductions available under chapter VI A
4. Compute income from salary
5. Compute income from House Property
6. Compute Gross Capital Gains
7. Compute Income from Other Sources
8. Acquire basic understanding of Income From House Property
9. Save tax in a legitimate way through proper deductions
10. Fill ITR -1
11. Understanding of form no. 16

**Subject : Business Mathematics & Statistics**



1. Apply the concepts of Highest Common Factor (HCF) and Lowest Common Multiple (LCM) to find the HCF and LCM of two or more integers.
2. Solve linear equations involving one variable and two variables using appropriate methods such as substitution, elimination and graphical representation.
3. Understand the concept of ratio and proportion and apply them to solve problems involving direct and indirect proportions and in various real-life scenarios.
4. Understand the concept of simple interest and compound interest. Calculate simple interest and compound interest using appropriate formulas and methods.
5. Comprehend the concept of percentage and its applications.
6. Differentiate between primary and secondary data and select appropriate data collection methods for different research situations, organize and construct frequency distributions to summarize and represent data effectively.
7. Calculate and interpret measures of central tendency, Dispersion and its coefficient.
8. Define index numbers and understand their meaning, characteristics, importance, and various applications in economics and business. Interpret and analyze index numbers to measure changes in variables over time.
9. Understand the construction and application of aggregative index numbers and Fisher's Ideal Index Number formula to measure changes in a group of related variables and analyze their significance.
10. Understand the basics of correlation and its statistical analysis. Learn to calculate and interpret the coefficient of correlation using Karl Pearson's formula for both grouped and ungrouped data. Understand and compute probable error to determine the reliability of the coefficient of correlation.

**Subject : Indian Financial System**

1. To understand the structure & function of Indian finance System.
2. To provide an insight in to the various types of bank & Its function.
3. Application of Capital Market.
4. Application of Stock Exchange.
5. Application of SEBI as a regulatory authority.



### **Subject : Information Technology & Business Data Processing-II**

1. Familiarized with basics of information technology
2. Understand Computerized Accounting Package for business data processing

### **Subject : Information Technology & Business Data Processing-II(Practical)**

1. Student will learn all Screen element of Tally 9.0
2. Student will learn direct command area (calculator)
3. Student will learn all F11 Features and F12 Configuration for better handle tally s/w
4. Students will be able to work on accounting of business by creating company in Tally
5. Students will be able to work necessary groups and list of Ledgers creation for smooth accounting flow
6. Students will be able to enter accounting and Inventory Vouchers
7. Student will able to work with various Indian Tax systems and its computation with tally

## **Bachelor of Commerce - Part III**

### **Semester V**

### **(CGS Pattern)**

#### **Subject : Cost Accounting**

1. This course exposes the students to the basic concepts and tools used in Cost Accounting.
2. To provide an understanding of the applications of Cost Accounting techniques for determination of cost of production.

#### **Subject : Business Environment**

1. The contents herein intend to develop the ability to understand and interpret sector wise business environment of India.

#### **Subject : Business Regulatory Frame work**

1. To help the students to understand the concept of business Laws and it's applications in business regulation.



**Subject : Indian Insurance System I**

- 1.To provide an insight into the working of Insurance Industry.

**Subject : Indian Banking System-I**

1. To provide insight into the various types of banks and their role in Indian Economy.

**Bachelor of Commerce - Part III****Semester VI****Subject : Management Accounting**

1. This course exposes the students to the basic concepts and tools used in Management Accounting.
2. To provide an understanding of the applications of Management Accounting techniques for management decision making.

**Subject : Economics of Development**

1. To provide an insight into various growth models and their applicability in present scenario.

**Subject : Company Law**

1. To impart basic knowledge of the provisions of the Companies Act
2. To impart students with the knowledge of fundamentals of Company Law and provisions of the Companies Act.
3. To apprise the students of new concepts involving in company law regime.
4. To acquaint the students with the duties and responsibilities of Key Managerial Personnel.
5. To explain the meaning and nature of share, debenture, capital and their type.

**Subject : Indian Insurance System II**

1. To provide an insight in to the regulating and functioning of Insurance Business.

**Subject : Indian Banking System II**

1. To provide insight into the various functions of retail banks and associated procedural aspects.

## Faculty of Science

### Department of Botany

#### PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME & COURSE OUTCOME

**Subject: BOTANY**

**Programme Specific Outcomes (PSO)**

PSO1: Provide knowledge of the morphology, anatomy, Physiology and molecular biology of plants and also medicinal plants & Wild edible plants of Anjangaon region to the students and promote them to use them as earning source.

PSO2: Motivate the Botany students for exploration of flora.

PSO3: Preserve the rare medicinal plants.

PSO5: Create awareness about plant propagation, Cultivation of medicinal plant & Environment awareness

PSO6: Develop ethnomedicinal plant nursery and botanical garden for the students of Botany and various stakeholders.

**Course Outcomes ( Cos)**

**Course : Diversity of microbes, Phycology, Mycology and Phytopathology**

CO1: Understand microbial diversity, reproduction and economic importance.

CO2: Differentiate the microbes, algae and fungi on the basis of morphology, cellular organization, nutrition and metabolic activities.

CO3: Classify and identify the various algal genera.

CO4: Classify and identify the various fungal genera.

CO:5 Systematize the plant diseases and their pathogens.

CO6: Apply understanding of microbial diversity, phycology and mycology for teaching primary to high school students.

CO7: Identify and classify the algae on the basis of morphology and other characters.

CO8: Create monograph of Algae and Fungi.

CO9: Demonstrate the structural details of viruses and bacteria included in practical work.



CO10: Evaluate the plant diseases of local plants and diagnosed the diseases on the basis of symptoms.

**Course: Gymnosperm, bryophyte, petridophyte and utilization of plants**

CO1: Investigation on diversity of bryophytes and petridophytes

CO2: Taxonomical and economical study of Gymnosperms

CO3: Study of plant morphology and modifications in plant organ

CO4: Understand the role of medicinal plant and food plant cultivation

CO5: Understand forms of Bryophytes, Pteridophytes and Gymnosperms.

CO6: Acquire the skill of preparation of slides of plant body and reproductive organs.

CO7: Classify and identify different plant parts on the basis of external morphology.

CO8: Describe the plants in technical language.

CO9: Develop critical understanding on morphology, botanical names and cultivation practices of economically important plants..

**Course: Angiosperm systematic, anatomy and embryology**

CO1: Understand the basic principles involved in identification, naming and classification of flowering plants.

CO2: Know the systematic study and economic importance of plants belonging to the various families.

CO3: Differentiate various tissue systems.

CO5 : Understand the normal and anomalous secondary growth in plants and their causes.

CO6: Understand developmental stages in plant embryo and seed formation.

CO7: Apply understanding this knowledge to explain the taxonomic diversity of plants and Imply the embryological and anatomical knowledge to differentiate the plant taxa.

**Course: Cell Biology, Genetics and Plant Breeding**

CO1: Understand the structure and purpose of basic components of prokaryotic and eukaryotic cells.

CO2:..Identify the concept that explains chemical composition and structure of cell wall and membrane

CO3: Differentiate cell organelles on the basis of structure and function.

CO4: Comprehend the effect of chromosomal abnormalities in numerical as well as structural changes.

CO5: Have conceptual understanding of laws of inheritance, genetic basis of loci, alleles, their linkage and crossing over.

CO6: Understand the basic concepts of plant breeding.

CO7: Analyse the different selection and breeding methods applied in crop improvement.



**Course: Plant physiology and Ecology**

- CO1: Understand the physiological process occurred in plant
- CO2: Differentiate the metabolic process – Photosynthesis and Respiration
- CO3: Acquire the skill of Nitrogen metabolism and their role.
- CO4: Understand the role of plant hormone in plant growth.
- CO4: Understand the plant responses and movements.
- CO5: Acquire the skill for ecological and environmental study of flora in forest ecosystem.
- CO6: Investigate the effects of environmental factors in trends in succession.
- CO7: Develop critical understanding on the ecological factors, Atmosphere and adaptations in plants.
- CO8: : Understand the Population ecology, Community ecology and Structure, Function and Types of ecosystem.

**Course: Molecular biology and biotechnology**

- CO1: Understand DNA as a genetic material and transposable elements in plants
- CO2: Understand the Concept of gene, Expression and Regulation in plant.
- CO3: Tools and techniques of recombinant DNA technology
- CO4: Differentiate Cloning vectors and Genomic library.
- CO5: Understand the Gene transfer techniques in plants.
- CO6: Acquire the skill of Tissue culture techniques
- CO7: Apply transgenic plant role in agriculture.
- CO8: Apply role of Health care edible vaccines
- CO9: Apply role of microbes in Agriculture, Medicine, and industry.

**Department of Chemistry****Session- 2023-24****Records of POs, PSOs, COs****Programme: B.Sc. CBCS ( Chemistry )****POs:**

At the time of graduation, Students would be able to

PO1.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid,





and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

PO2. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4. Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

### **PSOs:**

Upon completion of the programme successfully, the learners would be able to-

1. Understand the scope, methodology and application of modern chemistry.
2. Apply theoretical and practical concepts of instruments that are commonly used in most chemistry field.
3. Plan and conduct scientific experiments and record the results of such experiments.
4. Get acquainted with safety of chemicals, transfer, and measurements of chemicals, preparation of solutions, and using physical properties to identify compounds and chemical reactions.
5. Describe how chemistry is useful to solve social, economic and environmental problem and issues facing our society in energy, medicine, and health.

### **Semester 1**

#### **Theory**

#### **COs:**

By the end of this course, the students would be able to:

1. Solve the conceptual questions using the knowledge gained by studying periodicity in atomic radii, ionic radii, ionization energy and electron affinity of elements.
2. Apply concepts of acids and bases as well as non-aqueous solvents and their industrial usage.
3. Compare different reaction intermediates, functional group chemistry through the study of methods of preparation, properties and chemical reactions with underlying mechanism.
4. Choose correct synthetic approach to prepare derivatives of industrially important molecules
5. Solve different numerical problem of varying difficulty associated with gaseous and liquid state.
6. Apply the concepts from advanced mathematics to solve the derivation of different chemical formulae.

#### **COs:**



By the end of this module, the students will be able to:

1. Create models associated with periodic table
2. Associate reaction intermediates and functional group chemistry with different types of reaction mechanisms.
3. Solve numerical problem associated with gaseous and liquid state.

### **Practical**

#### **COs**

At the end of Lab/Practical course, students would be able to

1. Synthesise different types of organic compounds.
2. Perform the process of filtration, crystallization, melting point, waste management.
3. Understand the effect of orientation effect of a group
4. Skilfully determine the surface tension, viscosity of liquid.
5. Predict the endothermic or exothermic process from heat of solution of a salt.

### **Semester 2 Theory**

#### **COs**

By the end of this course, the students would be able to:

1. apply the knowledge gained by studying types of bonding, solvation, hybridization and molecular geometries.
2. Draw the correct molecular structures, bond order and bond length.
3. synthesize commercially important compounds of varying carbon backbone.
4. Choose correct synthetic approach to prepare derivatives of industrially important molecules.
5. Solve numerical problems related to crystalline state.
6. Acquire skills to use chemical kinetics to develop mechanism of chemical reactions.

#### **COs:**

By the end of this module, the students will be able to:

1. Create models associated with molecular geometries, hybridization, MO diagrams.
2. Develop synthetic routes for halobenzenes and benzyl halides.
3. Solve numerical problems associated with crystalline state and chemical kinetics.

### **Practical COs**

At the end of Lab/Practical course, students would be able to -

1. Analyse the given organic compound qualitatively by different tests.
2. Prepare the derivative of the provided substance.
3. Illustrate the practical skills in volumetric analysis.
4. Differentiate types of titrations e.g. acid-base, redox, etc.
5. Comprehend the kinetics of reactions and interpret the experimental data.
6. Calculate, communicate and analyse the result.



**Programme: B.Sc. II CBCS ( Chemistry )**  
**Semester III**

**CO Theory**

By the end of this course, the students will be able to:

1. apply concepts of volumetric and gravimetric analysis
2. use commercial method for extraction of elements and acquaintance of transition series elements
3. compare functional group chemistry through the study of methods of preparation, properties and chemical reactions with underlying mechanism.
4. select correct synthetic approach to prepare derivatives of industrially important molecules
5. solve different numerical problem of varying difficulty associated with thermodynamics, phase equilibrium and colligative properties.
6. apply the concepts from advanced mathematics to solve the derivation of different chemical formulae.

**COs:**

By the end of this module, the students will be able to:

1. Create models associated with stereochemistry
2. Use aldehydes, ketones and carboxylic acids as starting material for different commercially important molecules
3. Solve numerical problem associated with thermodynamics and colligative properties.

**Practical**

**COs:** At the end of Lab/Practical course, students will be able to -

1. estimate different metals using a variety of methods.
2. skilfully prepare solution of different concentrations.
3. determine molecular weight of an organic molecule.
4. determine thermodynamic parameters associated with a physical phenomenon and state.
5. use methods of determination of partition coefficient.

**Semester 4**

**Theory**

**COs:** By the end of this course, the students will be able to:

1. Application of methods of synthesis of soaps and detergents
2. Commercial method for extraction of elements and acquaintance of transition series elements
3. Compare functional group chemistry through the study of methods of preparation, properties and chemical reactions with underlying mechanism



4. Choose correct synthetic approach to prepare derivatives of industrially important molecules
5. Solve different numerical problem of varying difficulty associated with electrochemistry and photochemistry.
6. Apply the concepts of UV and IR spectroscopy for structure elucidation.

**COs:**

By the end of this module, the students will be able to:

1. Create charts and posters for nitrogen-based compounds and groups
2. Use of carbonyl compounds for starting material for different commercially important molecules
3. Solve numerical problem associated with thermodynamics and colligative properties.

**Practical**

**COs:** At the end of Lab/Practical course, students will be able to -

1. prepare soap from available oil or fat and determine its different parameters.
2. extract different constituents of milk.
3. prepare glucose from cane sugar
4. use advanced instruments like pH-meter, potentiometer, conductometer, etc.
5. determine electrode potential of a metal.
6. determine pH of given soil sample.

**B.Sc. III Sem.V Semester Pattern****CO**

1 Impart basic ideas to categorize the coordination compounds on the basis of various theories and on the basis of electronic structure and magnetic properties.

CO2 To understand colour of coordination compounds and colour of coordination compounds on the basis of CFT and their applications in qualitative analysis.

CO3 Design the synthesis of heterocyclic compound and organometallic compounds which is required for era of medical research.

CO4 Know method of synthesis & their application of Dyes, Drugs and Pesticides in industry purpose.

CO5 Gain information about photochemistry which is very useful in the research field of photochemical reactions.

CO6 To study the basic information about molecular spectroscopy, useful tool for the structure determination of newly synthesized compound in research.

CO7 This course enables the students to acquire knowledge on the principal laboratory methodologies for the synthesis and characterisation of coordination compounds.



CO8 Conductometric and potentiometric titrations are very useful for the analysis of various compounds including pharmaceutical, inorganic, organic, etc compounds. The colligative properties are used to study molar mass, depression in freezing point and elevation in boiling point

### **B.Sc. Sem.VI CO**

CO1 Explain the kinetic aspects of metal complexes and techniques in analytical chemistry such as spectrophotometry, colorimetry and paper chromatography.

CO2 This course deals with organometallic chemistry, inorganic polymer and bioinorganic chemistry which help students to understand the role of coordination compounds in polymer chemistry and biological process.

CO3 To know the information of electronic transition on the basis of UV-Vis Spectroscopy and identify various functional groups and structure elucidation of organic compound by IR spectroscopy.

CO4 How to determine the structure of organic molecules using Nuclear Magnetic Resonance spectroscopy and mass spectrometry which is useful in research and various industries.

CO5 Quantum mechanics is very important branch of physical chemistry. Students utilized their knowledge to study the shapes of orbital and to find out probability and probability density.

CO6 This part of the syllabus gives the information about electrochemistry and Nuclear chemistry. This knowledge is used in Pharmaceutical and nuclear industries to analyzed and synthesized compound as a alternate source of energy

CO7 To quantitatively separate organic compounds (Glycine, Phenol, Aniline, Urea from unknown sample) and to separate and identify the organic compounds using chromatographic techniques

CO8 Explain the principle behind the physical chemistry experiments performed in the laboratory and Interpret experimental results.

## **Department of Computer Science**

**Session 2023-24**

**Programme Outcome (POs): B.Sc. with Computer Science**

**B.Sc. programme aims to provide its graduates:**

**POs:**

After completion of graduation, students will be competent to:



**PO1: Critical Thinking:** Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

**PO2: Effective Communication:** Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

**PO3: Social Interaction:** Elicit views of others, mediate disagreements and help reach conclusions in group settings.

**PO4: Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

**PO5: Ethics:** Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

**PO6: Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

**PO7: Self-directed and Life-long Learning:** Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

**Programme Specific Outcome (PSOs):**

At the end of this program, the students would be able to:

**PSO1:** Understand the computer hardware and software.

**PSO2:** use the knowledge of software installation.

**PSO3:** Select modern computing tools and techniques for programming task.

**PSO4:** Identify, analyze, formulate and develop computer-based solutions to meet desired needs within realistic constraints.

**PSO5:** Develop databases and perform operations on them.

**PSO6:** Identify research and development areas in multiple disciplines.

**PSO7:** Design and develop the small web applications.

**Programme: B.Sc. Year: I (Computer Science)**

**Course Outcome**

**SEM-I:**



**Course Code: 1CS1**

**Course Name/Title: Fundamentals of Computers and C Programming**

**Cos:**

Upon completion of this course successfully, Students would be able to -

1. Understand the computer, I/O and peripheral devices.
2. Understand concept of Operating systems.
3. Apply the Programming concepts.
4. Learn C language.
5. Write Simple C

**COs:**

1. To draw flowchart, learn Algorithms and write simple programs.
2. To assess the curricular skills acquired by students at college level through Assignments, Unit test, Internal Test, Group Discussion/Seminar/Mini Project, Study Tour

**Course Code: 1CSLAB1**

**Course Name/Title: Laboratory/Practical of Fundamentals of Computer and C Programming**

**Cos:**

Upon completion of this course successfully, Students would be able to demonstrate/perform/accomplish the following

1. Write word processing task.
2. Create worksheet and perform operations on it.
3. Design, compile and debug programs in C language.
4. Classify conditional expressions and looping statement to solve problems associated with conditions and repetitions.
5. Demonstrate the programs using arithmetic and relational operators.
6. Implement the concept of various string handling functions.
7. Classify programming components that efficiently solve computing problems in real-world.



## **SEM-II:**

**Course Code: 1CS2**

**Course Name/Title: Data Structure and OOPS**

**Cos:**

Upon completion of this course successfully, Students would be able to -

1. Implement basic data structures such as arrays, stacks.
2. Use linked list, trees and queues.
3. Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data.
4. Describe the procedural and object-oriented paradigm with concepts of streams, classes, functions, data and objects.
5. Perform programming on functions, inline functions, constructor and destructor.
6. Perform programming on the concept of function overloading, operator overloading, virtual functions and polymorphism.

**COs:** 1. Acquire skill to work with core components of data structure  
2. Acquire object oriented programming skill.

**Course Code: 1CSLAB2**

**Course Name/Title: Laboratory/Practical of Data Structure and OOPs**

**Cos:**

Upon completion of this course successfully, Students would be able to demonstrate/performance/accomplish the following

1. Perform various operations Data structure using CPP.
2. Develop the concept of dynamic memory allocation through linked list.
3. Design stack and queue with contiguous and non-contiguous data storage mechanism.
4. Perform the various operations on binary tree.
5. Implement sorting on 1-D array using different techniques.

**Programme: B.Sc. Year: II (Computer Science)**

**Course Outcome**

## **SEM-III**

**PAPER-I (Data Structure and C++)**

Upon completion of this course, the student will be able to:

CO1: Should be able to analyse various algorithms.





- CO2: Understand searching and sorting techniques.
- CO3: Should understand stack, queue and linked list operation.
- CO4: Should get knowledge of tree and graphs concepts.
- CO5: Know the concepts of object-oriented programming.
- CO6: Able to do implementation by using C++ programming tools.

#### **SEM-IV**

##### **PAPER-II (RDBMS and PL/SQL)**

Upon completion of this course, the student will be able to:

- CO1: Understanding of the Elementary & Advanced Features of DBMS & RDBMS.
- CO2: Good Practical Understanding of the SQL.
- CO3: Prepare Various Database Tables using SQL Commands.
- CO4: Able to Develop Structured Query Language (SQL) Queries to Create, Read, Update, And Delete Relational Database Data.
- CO5: Should get knowledge of PL/SQL
- CO6: Able to do implementation by using PL/SQL Programming tools
- CO7: Implementation of Cursor, Triggers and Views in PL/SQL.

##### **Programme: B.Sc. Year: III (Computer Science)**

##### **Course Outcome**

#### **SEM-V**

##### **PAPER-I (. Net Technology and Java Programming)**

Upon completion of this course, the student will be able to:

- CO1: Understand the code solution and compile VB project in .NET framework.
- CO2: Design and develop console and windows base .NET applications.
- CO3: Learn about MS.NET framework developed by Microsoft.
- CO4: To develop, implement, and demonstrate Component Services, and Windows and web services.
- CO5: Able to get familiar with Java programming and to learn classes and objects.
- CO6: To learn programming using Java.
- CO7: Able to use Java Applets

#### **SEM-VI**

##### **PAPER-II (Advanced Java and VB.net)**



Upon completion of this course, the student will be able to:

CO1: To learn and understand advance concept of Java.

CO2: Able to write program using Exception Handling.

CO3: To learn the programming using Servlets and JSP.

CO4: To learn Java Bean so as to make the reusable software components

CO5: Be able to understand use of VB.NET basics, Objects and Types.

CO6: Be able to understand ADO.NET. Understand developing, implementing and creating Applications in VB.NET and database.

## DEPARTMENT OF MATHEMATICS

---

### **Programme Outcomes (PO):-**

At the end of the programme, graduates would be able to

1. Enhance the knowledge of student in all basic sciences.
2. Identify, formulate and develop solutions to computational challenges.
3. Develop scientific temper and think in a critical manner.
4. Build up progressive and successful career in academics, industry and society.
5. Develop students abilities and aptitudes to apply the mathematical ideas.

### **Programme Specific Outcomes (PSO):-**

Upon completion of the programme successfully, students would be able to

1. Understand major concepts in all disciplines of Mathematics
2. Formulate and develop Mathematical arguments in a logical manner
3. Gain good knowledge and understanding in advanced Mathematics
4. Create an awareness of the impact of Mathematics on the environment, society and development outside the scientific community.



5. Create sensitivity towards environmental concerns and contribute in the development of nation.

### **Employability Potential of the Programme:**

Career options for B.Sc. Mathematics students is not just limited to solving complex equation. Apart from the traditional career route of academics and research, there are many career options offer for B.Sc. Mathematics students that can pick up banking, corporate, accounting and even teaching as their career option on completion of B.Sc. Mathematics, even a career in medicine and law is possible for Mathematics Honors student. Also, a degree with Mathematics is even financially supporting for students because they help in landing placement opportunities by giving an edge over students with B.Sc. physics or other major.

After completing B.Sc. Mathematics, a student can either decide to go for higher studies or apply for jobs. In the case of B.Sc. Mathematics Honors, both the options are very promising. After the B.Sc. Mathematics course, students can pursue M.Sc. Mathematics and follow it up with an M. Phil or Ph.D. Students can become a mathematician doing research and also become a assistant professor. Also students can pursue a B. Ed. and become a school teacher. Moreover, student can work in related field which required mathematical skills (Machine learning, Data Science etc.). Thus, there exist innumerable B.Sc. Mathematics career options.

The best way to get a prestigious government job is through competitive exams. Exams like UPSC, Railways, and Commission etc. are some important competitive exams that one need to consider as portals for B.Sc. Mathematics career options.

### **Course Outcomes (CO):-**

#### **Course: (I) Algebra and Trigonometry**

After completing this course, students would be able to

1. Find inverse and normal form of matrices .
2. Evaluate the characteristic equation, eigen value and corresponding eigen vector of a given matrix
3. Evaluate relation between the roots and coefficients of equations .
4. To study application of De Moivre's theorem .
5. Compute summation of trigonometric series



6. To enhance interest among the students about course.

7. To develop the learning and writing skills.

8. To create mental ability

### **Course: (II) Differential and Integral Calculus**

**Cos:** After completing this course, students would be able to

1. Define limit and study the basic properties .

2. Classify continuity and discontinuity of the functions.

3. Solve the differentiability and L'Hospital rule with their applications.

4. Describe the geometrical applications of mean value theorems.

5. Evaluate the reduction formulae for integration.

6. To enhance interest among the students about course.

7. To develop the learning and writing skills.

8. To create mental ability.

### **Course: (III) Ordinary Differential Equations**

**COs:**

After completing this course, students would be able to

1. Solve first order differential equations using different techniques.

2. Solve higher order differential equations and orthogonal trajectories.

3. Calculate complementary function and particular integral of the second order differential Equation.

4. Describe the different methods to solve second order differential equations.

5. Illustrate applications of differential equations

6. To enhance interest among the students about course.

7. To develop the learning and writing skills.

8. To create mental ability.

### **Course: (IV) Vector Analysis and Geometry**

**COs:**

After completing this course, students would be able to



1. Interpret the vectors, their products, differentiation and integration.
2. Determine curvature and torsion .
3. Apply the concepts of divergence, curls which are useful in physics.
4. Describe the different forms of sphere and properties.
5. Discuss the equations of cone and cylinder.
6. To enhance interest among the students about course.
7. To develop the learning and writing skills.
8. To create mental ability.

### **Course: (V) Advanced Calculus**

**COs-** After completing this course, students would be able to

1. get knowledge of basic principles of limit and continuity, Taylor's theorem.
2. understand Lagrange's multipliers method and Jacobian.
3. understand the concept of improper integral and Beta-Gamma function.
4. learn the definition of sequence and series and Sandwich theorem.
5. learn various test for convergence and divergence of series.

### **Course: (VI) Partial Differential Equations**

**COs-** After completing this course, students would be able to

1. study partial derivatives, differential equation, real valued functions of two variables and solve the system of homogeneous functions.
2. learn to evaluate partial differential equations, solution of some special type of equations
3. learn to solve methods of partial differential equation of second and higher order.
4. students will be familiar with techniques of Calculus of variations.
5. recognize various methods of separation of variables.

### **Course: (VII) Elements of Algebra**

**COs-** After completing this course, students would be able to

- 1 . learn the concept of Group, Subgroup and Cosets.
2. explain the significance of the notations of Cosets, Normal subgroups and Quotient group.
3. learn the concept of Homomorphism & Isomorphism and its Theorem.



4. study the properties of Ring and Ideals and Integral domain.

5.familiar with Fundamental concepts of Number theory.

### **Course: (VIII) Classical Mechanics**

**COs-** After completing this course, students would be able to

1. learn radial and transverse component of velocities and acceleration.
2. learn to explain Degree of freedom, Generalized co-ordinates and constraints.
3. learn to expressing the central force motion and areal velocity.
4. explain the significance of coplanar forces, triangle law of forces, parallel forces and equilibrium forces.
5. learn to find work and energy, virtual work and uniform catenary.

### **Course: (IX) Mathematical Analysis**

**CO 1** Learn the concepts of Riemann integral, the fundamental theorem of integral calculus, mean value theorem of integral calculus, improper integral and their convergence, comparison and limit test, Beta and Gamma function.

**CO 2** Learn the concepts of continuity and differentiability of complex function, analytic function, Cauchy-Riemann integral, harmonic and conjugate function, Milne-Thomson theorem.

**CO 3** Learn the concepts of elementary function, mapping by elementary function, Mobius transformation, fixed point, cross ratio, inverse and critical points , conformal mapping, Metric space, limit point, interior point, open and closed sets, Cauchy sequence, completeness.

### **Course: (X) Mathematical Methods**

**CO 1** Learn the concepts of Legendre's equation, generating function of  $P_n(x)$ , recurrence formulae for  $P_n(x)$ , Rodrigue's formula, Bessel's equation, generating function of  $J_n(x)$ , recurrence formulae for  $J_n(x)$ , Sturm-Liouville boundary value problem.

**CO 2** Learn the concepts of Fourier series, Fourier series for odd and even function, half range Fourier sine and cosine series, Laplace transform, inverse Laplace transform, application of Laplace transform in solving ODE and PDE. Also understand the concepts of Fourier transform, application to PDE.

### **Course: (XI) Linear Algebra**

**CO 1** Learn the concept of vector space, subspace, sum and direct sum of subspace, linear span, basis, finite dimensional vector space, existence theorem for bases, dimension, Linear transformation and their representation as matrices, rank nullity theorem, change of basis.

**CO 2** Learn the concepts dual space, bi-dual space and natural isomorphism, adjoint of a linear transformation, Eigen value and Eigen vector of a linear transformation, inner product space, Cauchy-Schwarz inequality, orthogonal vectors, orthogonal complements, orthonormal sets and bases, Bessel's inequality for finite dimensional space, Gram-Schmidt orthogonalisation process.



**CO 3** Understand the concepts of Module, submodule, quotient modules, homomorphism and isomorphism theorem.

**Course: (XII) Special theory of Relativity (Optional paper)**

**CO 1** Learn the concept of Review of Newtonian Mechanics, Relativistic Kinematics

**CO 2** Understand the concept of geometrical representation of space-time, Relativistic mechanics.

**CO 3** Learn the concepts of electromagnetism.

## **Course Outcomes**

**(Session 2023-2024)**

**Course: Mechanics, Properties of matter, oscillations and Relativity**

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

CO 1: Discuss the basics concepts of rotational dynamics

CO 2: Examine the phenomena of simple harmonic motion and distinction between Undamped, damped and force oscillation and the concept of resonance

CO 3: Explain the superposition of simple harmonic motion and acquire the knowledge of ultrasonic waves, their production, detections and applications in different fields

CO 4: Determine the constants of elasticity and relate it with appropriate things

CO 5: Interpret the postulates of special theory of relativity

CO 6: Know the concepts of Global Positioning System (GPS)

CO 7: Apply the principal of measurements and error analysis

CO 8: Develop the skills to handle various instruments with precision.

**Course: Electrostatics, magneto statics and Network theorems**

After going through this course, the students would be able to

CO 1: Discuss the concepts of scalars and vectors and their properties



## DEPARTMENT OF PHYSICS

---

### Program Specific Outcomes

After completing the programme successfully, students will be able to

- PSO 1 Acquire a comprehensive knowledge and sound understanding of fundamentals of physics
- PSO 2 Develop laboratory skills, enable them to take measurement in physics laboratory and analyze the measurements to draw valid conclusions
- PSO 3 be prepared to acquire a range of general skills, to solve problems, to evaluate information, to communicate with society effectively and learn independently
- PSO 4 Develop good oral and written scientific communication skill





Shri Sarda Education Society (Trust)'s  
Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji.  
District- Amravati 444705  
NAAC Accredited 'A' with CGPA 3.21

## DEPARTMENT OF PHYSICS

---

- CO 2: Develop an understanding of Gauss law and its applications to obtain electric field in different cases
- CO 3: Formulate the relationship between electric displacement vector, electric polarization and dielectric constant
- CO 4: Distinguish between magnetic effects of electric current, electromagnetic induction and the related laws in appropriate circumstances
- CO 5: Simplify electrical circuits by applying various network theorems
- CO 6: Make the use of multimeter for measurement of electrical parameters and get the knowledge of electronic components and their applications
- CO 7: Estimates the power consumption of domestic appliances and carry out energy audit.

### **Course: Thermal Physics, statistical mechanics and solid state devices-I**

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

- CO 1: Gain knowledge of the fundamental laws of thermodynamics, concept of enthalpy, develop critical understanding of concept of thermodynamic potentials and formulation of Maxwell's thermodynamic relations with its applications.
- CO 2: Understand the basic aspects of kinetic theory of gases, Maxwell's distribution law of velocities, Mean free path of molecular collision and transport phenomenon in ideal gas.
- CO 3: Examine the nature of black body radiation and understand Stefan-Boltzman law, Rayleigh-Jean's law and Wien's displacement law with their significance



- CO 4: Understand the properties of macroscopic systems using the knowledge of individual particles by different theories and comparison of Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac statistics.
- CO 5: Explain the fundamental understanding of static and dynamic behavior of pn-junction diode, zener diode and light emitting diode and transistor
- CO 6: Understand concept of rectification, ripple factor and filter circuit and gain a knowledge of construction of regulated power supply.
- CO 7: Explain structure and the operation of transistor and recognize the different types of transistor and their applications.

**Course: Physical optics, Fluid dynamics and Solid state devices-II**

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

- CO 1: Understand the phenomenon of interference of light and its formation in thin films, Newton's rings and Michelson interferometer (division of amplitude)
- CO 2: Distinguish between Fresnel and Fraunhofer diffraction and observe the diffraction pattern in case of double slit and diffraction grating
- CO 3: Describe the construction and working of zone plate and compare the zone plate with convex lens.
- CO 4: Explain various methods of production of plane, circularly and elliptically polarized light and their detection.
- CO 5: Understand the basic principal of LASER, the working of He-Ne laser and Ruby laser and their applications in various fields.
- CO 6: Understand the parameters of fiber optics and explore their applications
- CO 7: Understand the kinematics of moving fluids by different theorem and laws.



CO 8: Gain knowledge about different applications of transistors by operational amplifier and oscillator circuits.

**Course: Quantum mechanics, Atomic & molecular spectroscopy, Nuclear Physics**

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

CO 1: Understand the origin of quantum mechanics, wave packet, Uncertainty principal.

CO 2: Apply Schrodinger's equations in various applications

CO 3: Explain Vector atom model, X-rays, Raman effect

CO 4: Interpret the mechanism of detection of charged particle by counter, Alpha decay, Betadecay, nuclear fission, fusion and nuclear reactor

CO 5: Explain transistor amplifier and distortion in amplifier

CO 6: Explain feedbacks in amplifier, electronic oscillators and multivibrators

**Course: Statistical mechanics and solid state Physics**

After completion of this course, the students would be able to

CO 1: Apply M.B. statistics for distribution of identical distinguishable particles.

CO 2: Apply B.E. and F.D. statistics for distribution of identical indistinguishable particles.

CO 3: Know geometry of crystals, defects in crystal and Bragg's law in crystal

CO 4: Explain conductivity in conductor, semiconductor and insulator

CO 5: Distinguish diamagnetic, paramagnetic and ferromagnetic materials

CO 6: Explain superconductors and its applications

CO 7: Interpret nanomaterials, their properties and applications.

**DEPARTMENT OF ZOOLOGY**

**Program Specific Outcomes, Course Outcomes, Program Outcomes**

**Program Specific Outcomes:**



PSO1 .Demonstrated a broad understood of animal diversity, including knowledge of the scientific classification and evolutionary relationships of major groups of animals.

PSO2 .Recognized the relationships between structure and functions at different levels of biological organization (e.g., molecules, cells, organs, organisms, populations, and species) for the major groups of animals.

PSO3. Characterized the biological, chemical, and physical features of environments (e.g., terrestrial, freshwater, marine, host) that animals inhabit. Explained how animals function and interact with respect to biological, chemical and physical processes in natural and impacted environments.

PSO4. Explained how organisms function at the level of the gene, genome, cell, tissue, organ and organ-system. Drawing upon this knowledge, they are able to give specific examples of the physiological adaptations, development, reproduction and behavior of different forms of life.

PSO5 .Understood the applied biological sciences or economic Zoology such as sericulture, Apiculture, aquaculture, Industrial microbiology, r DNA technology and medicine for their career opportunities.

PSO6.Understand the nature and basic concepts of cell Biology, Biochemistry, Taxonomy and ecology.

PSO7. Analyse the relationship among animal, plants and microbes.

PSO8. Understand the application of biological sciences in Apiculture, Aquaculture and Medicine.

**Name of the programme: B.Sc.- Semester :I ,**

**Name of the course ( Paper): Life and diversity of Animals ( Non-chordata)**

### **Course Outcomes**

1. Develop a deeper sense with respect to phylum Protozoa to Echinodermata relation to taxonomy, classification, body organization and general characteristics this strengthens students' capability in basic zoology.
2. grasp various the Systematic positions from Protozoa to Echinodermata their pathogenicity and its epidemiology.
3. describe unique characters and recognize life functions of Protozoa, Porifera, Coelenterate, Helminthes, Arthropoda, Annelida, Mollusca and Echinodermata.



4. Improve ability and apply Knowledge of Non-chordates for its execution in Agriculture especially with the phylum Arthropoda.
5. Implement an extensive idea about economic and ecological significance of various non-chordates phylum's in human life

**Name of the programme: B.Sc. I - Semester :II ,**

**Name of the course ( Paper): Life and diversity of Animals ( Chordata) and concept of Evolution**

**Course Outcomes**

1. know what the chordates are.
2. Learn about the different phylum of chordates.
3. confidently explain the general characters and classification of Protochordates upto class Mammalia.
4. understand the level of organization in chordate.
5. explain the origin and evolutionary relationship in different subphylums of chordates.
6. describe specific features of Protochordates upto class Mammalia.
7. recognize and differentiate life functions of Protochordates upto class Mammalia.
8. understand Migration in fishes and birds , parental care in Amphibians and Poisonous and non-poisonous snakes.
9. explain the adaptations in Birds and Mammals.

**Name of the Programme: B.Sc. II - Semester: III**

**Name of the course (Paper): Cell Biology and Developmental Biology**

**Course Outcomes**

1. Describe the structure and function of cellular organelles.
2. Describe various mode of cellular transport.
3. Compare active transport with passive transport.
4. Describe structure of chromosomes.
5. Differentiate between various types of chromosomes.
6. Define the basic concept of developmental biology, cell division, embryogenesis and emergence of adult organisms.



7. Describe zygote formation and different stages of embryonic development in frog and chick.

**Name of the Programme: B.Sc. II - Semester: IV**

**Name of the course (Paper): Genetics and Ecology**

**Course Outcomes**

1. Describe Mendel's Laws of Inheritance.
2. Differentiate between a monohybrid and a dihybrid cross.
3. Deduce the type of gene interaction from ratio of offspring.
4. Describe linkage and crossing over.
5. Describe various modes of sex determination.
6. Identify the type of syndrome from karyotype.
7. Describe various prenatal diagnostic techniques.
8. Describe effects of water, temperature and light as ecological factors.
9. Identify the type of biotic interaction from given example.
10. Describe components of ecosystem and structure of terrestrial and marine ecosystem

**Name of the programme: B.Sc. III - Semester :V**

**Name of the course ( Paper):Animals physiology and Economic Zoology**

**Course Outcomes**

1. Understood about the composition of food and mechanism of digestion absorption and assimilation.
2. Attained knowledge of respiration and excretion and understood the mechanism of transport of gases and urine formation.
3. Described the mechanism of circulation and composition of blood
4. Knowledge of neuromuscular coordination and the mechanism of osmoregulation in animals and endocrine system and their function is attained.
5. Understood the menstrual cycle and the role of contraceptive in population control.
6. Knowledge of neurotransmitter and the mechanism of thermoregulation in animals.

**Name of the programme: B.Sc. III - Semester :VI**

**Name of the course ( Paper):Molecular Biology and Biotechnology**

**Course Outcomes**

1. Acquired knowledge skill development and observation of blood group identification and pedigree chart preparations.
2. Through this course the students are exposed to importance of biological macromolecules



3. Students learn about transgenic animal, their application in pharmaceutical industry, cloning and its importance.
4. The students learn about molecular basis of antigen recognition, hypersensitivity reaction, antigen-antibody reactions
5. This course prepares the students in appreciating the its benefits and applications in biotechnological, pharmaceutical, medical and agricultural field
6. The course outcome is to train the students in understanding genetics and relate modern DNA technology for disease diagnostics and therapy.



Principal  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji

