

M. S. P. Mandal's  
**Yeshwantrao Chavan Arts, Commerce and Science  
College, Ambajogai, Dist. Beed**



**PROGRAMME OUTCOMES,**  
**COURSE OUTCOMES AND REVIEW SYSTEM**

# **PROGRAMME OUTCOMES, COURSE OUTCOMES AND REVIEW**

## **SYSTEM**

### **A. Programme Outcomes (POs) at UG and PG :**

The programme outcomes for B.A, B.Com., B.Sc., M.A., M.Com. and Ph.D. are in the following manner.

#### **B.A.**

1. Social responsibility and awareness
2. Inculcation of human values.
3. Familiarize learners with the social and economic issues
4. Communication and linguistic skills
5. Competency
6. Creativity

#### **M.A.**

1. Knowledge of literature
2. Ability to solve problems
3. Ability to think
4. Ethics
5. Life skills
6. Critical thinking
7. Research aptitude

#### **B.Com.**

1. Management Skills
2. Problem Analysis
3. Professional Ethics
4. Professional Skills

#### **M.Com.**

1. Management and finance
2. Marketing, managerial and corporate skills
3. Understanding and its application
4. Professional ethics
5. Entrepreneur skills
6. Identify opportunity
7. Research aptitude

#### **B.Sc.**

1. Scientific temperament.
2. Basic Scientific Knowledge
3. Technical competence and practical skills
4. Creative thinking and numerical ability
5. Environment and sustainability
6. Competency

#### **Ph.D. : English, Political Science and Economics**

1. Motivating the students for research career after post graduation.

2. Sensitizing the post graduation students in relation to linguistic, cultural, social, political, environmental, scientific direction.
3. Developing reading aptitude.
4. Developing analytical aptitude..
5. Developing critical aptitude.
6. Developing independent thinking and decision making ability

**Programme Outcomes : Physical Education**

PO1 : Physical fitness

PO2 : Involvement in physical exercise

PO3 : To develop individual for getting specific goals

PO4 : To understand current issues related to health and well being

**Programme Outcomes : NSS**

PO1 : Self employment

PO2 : To acquire social skills for personal and national development

PO3 : Positive and constructive attitude

PO4 : Participation in community

PO5 : Spirit for team work

**Programme Outcomes : NCC**

PO1 : Well disciplined individual

PO2 : National patriotism

PO3 : Civil and social awareness and responsibility

PO4 : Community needs and problems

PO5 : To develop individual as a member or leader at various stages

PO6 : Democratic leadership quality

**B. Course Outcomes (COs) at UG and PG:**

Our college runs UG and PG programmes. Under UG we have B.A., B.Com. and B.Sc. for PG we have M.A. English, M.A. Economics., M.A. Political Science and M.Com. At Research level, we have Ph.D. in English, Political Science and Economics

For these classes, the learning outcomes are different. Every department of the college communicates course outcomes to the students in the beginning of the academic year.

### **C. REVIEW SYSTEM OF COs & POs:**

- Our college attains COs and POs every year in the form of feedback. This feedback is as per questionnaire provided by NAAC for criterion no. II. The final year students of graduation and post graduation are provided through mail of the students. It is evaluated through the system and communicated to the administrative authority.
- The feedback of students, teachers and alumni is taken on the curriculum every year. Randomly 10% students are expected to reply. The feedback analysis is communicated to the administrative authority by the feedback committee.
- The college has continuous internal evaluation (CIE) which makes the students ready for the examination of the learnt curriculum. The CIE takes place in the form of unit tests, class tests, discussions, debates, student level seminar, workshops, participation in sports, cultural, NSS, NCC, social science forum, commerce forum, linguistic forum. The COs and POs are time to time evaluated by the institution. The examination cell of the college continuously works for this cause.
- The Ph.D. students are regularly mentored through their research supervisors. The university takes progress report at every semester. Before the final submission of the thesis, pre-viva voce examination takes place at the centre. The final viva-voce examinations takes place at the university. This is the systematic way of understanding the POs and the Ph.D. programmes.

  
Co-ordinator  
Internal Quality Assurance Cell  
Yeshwantrao Chavan College  
Ambajogal

  
PRINCIPAL  
Yeshwantrao Chavan College  
Ambajogal



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□ **PROGRAMME OUTCOMES**

**The programme outcomes for B.A, B.Com., B.Sc., M.A. and M.Com. are in the following manner.**

▪ **PROGRAMME OUTCOMES : B.A.**

- PO1 : Social responsibility and awareness
- PO2 : Inculcation of human values.
- PO3 : Familiarize learners with the social and economic issues
- PO4 : Communication and Linguistic skills
- PO5 : Competency
- PO6 : Creativity

▪ **PROGRAMME OUTCOMES : M.A.**

- PO1 : Knowledge of literature
- PO2 : Ability to solve problems
- PO3 : Ability to think
- PO4 : Ethics
- PO5 : Life skills
- PO6 : Critical thinking
- PO7 : Research Aptitude

▪ **PROGRAMME OUTCOMES : B.COM.**

- PO1 : Management Skills
- PO2 : Problem Analysis
- PO3 : Professional Ethics
- PO4 : Professional Skills

▪ **PROGRAMME OUTCOMES : M.COM.**

- PO1 : Management and Finance
- PO2 : Marketing, Managerial and corporate skills
- PO3 : Understanding and its application
- PO4 : Professional Ethics
- PO5 : Entrepreneur Skills
- PO6 : Identify Opportunity
- PO7 : Research Aptitude

▪ **PROGRAMME OUTCOMES : B.SC.**

- PO1 : Scientific Temperament.
- PO2 : Basic Scientific Knowledge
- PO3 : Technical Competence and Practical Skills
- PO4 : Creative thinking and numerical ability
- PO5 : Environment and sustainability
- PO6 : Competency



## DEPARTMENT OF ENGLISH

### □ COURSE OUTCOMES AT UG AND PG:

Our college runs UG and PG programmes. Under UG we have B.A., B.Com. and B.Sc. for PG we have M.A. English, M.A. Economics., M.A. Political Science and M.Com.

For these classes, the learning outcomes are different. As example, the course outcomes of the subject English are provided here.

#### ▪ **Compulsory English – B.A., B.Sc. FY**

##### **Aim :**

- a. To make the students the aware of basic English skills.
- b. To train them read and write English well.
- c. To make them competent speakers and listeners of English.
- d. To enhance the confidence level of students for application to English.
- e. To develop the word powered

#### ▪ **Compulsory English – B.A., B.Sc. SY**

**Aim :** To strengthen the student ability in listening, speaking, reading and writing at practical and theoretical level

##### **Objectives :**

- a. To introduced grammar to make the students write and speak English consciously.
- b. To train them in precision and in appropriate use of Language through prose reading.
- c. To acquaint them with keen and subtle way in which English language is used.

#### ▪ **B.Com. I, II Comp. English :**

**Aim :** To help the students achieve excellent business communication skills for better employment

##### **Objectives :**

- a. To introduced multi business communication skills.
- b. To inspire students for enterprise through prose reading.
- c. To strengthen students writing skill through grammer

#### ▪ **B.A. I Optional English**

- a. To make the students aware of the basic concepts of literature
- b. To make the students aware of forms of literature.
- c. To develop the taste for literature and judgement.
- d. To make the students realize creative Art and Literature.

▪ **B.A. II<sup>nd</sup> Year Optional English**

- TITLE OF THE PAPER: **LEARNING LANGUAGE SKILLS-II**  
CODE OF THE PAPER: **CLE- 2**

**AIM OF THE COURSE:**

To strengthen students' ability in listening, speaking, reading and writing both at practical and theoretical level.

**OBJECTIVES OF THE COURSE:**

- To introduce students to the grammatical properties in order to enable them to write and speak English consciously.
- To train them both in precision and in appropriate use of language through prose reading.
- To acquaint students with a keen and subtle way in which the English language is used.

**LITERATURE IN ENGLISH 1750-1900**

▪ **AIM OF THE COURSE**

To enable students to read and appreciate various forms of literature and critically interact with them from different perspectives.

**OBJECTIVES OF THE COURSE**

- To introduce students to appropriate literary strategies to read literature.
- To pinpoint how far literary language deviates from ordinary language.
- To unravel many meanings in a literary text

▪ **B.A. III<sup>rd</sup> Year Optional English**

**AIMS OF THE COURSE:**

- 1) To introduce the students to Modern English Literature as production of the age.
- 2) To familiarize the students with the literary terms and introduce to them the various streams in literary criticism and develop in them skills for literary evaluation.
- 3) To help the students to approach and appreciate Indian literature in English and make them see its place among world literature in English.
- 4) To introduce the students to American literature and its diverse cultures reflected in its writing.
- 5) To make the students able to understand the background of English literature and help them to write on its development.

**OBJECTIVES OF THE COURSE:**

- 1) To make the students understand how the literature of modern period relates to the important trends of the period.
- 2) To make the students aware of the fact that all readers are critics



and introduce them to basic texts in criticism while developing critical thinking in them.

- 3) To introduce the students to the thematic concerns, genres and trends of both Indian Writing in English and American Literature.
- 4) To lead the students to see how texts are affected by the context.

▪ **M.A. English I**

**Objectives :**

To acquaint the learners community with –

- a. The development of new literature in English
- b. The social, political and literary History of the period.
- c. To acquaint the students with culture, thought, literary trends, movements of the period through prescribed

▪ **M.A. English II**

**Objectives :**

**Critical Theory**

- The course intends to introduced the major modern critical schools which have been influencing the literary production and immensely contributing to the various branches of knowledge to render the multidisciplinary face to the literary and cultural studies.
- To enhance student understanding of multidimensional and multidisciplinary nature of literary text in recent time.
- To sharpen the intellectual sensibility of students with literature.

**Indian Writing in English**

- The course deals with literary forms of Indian Writing in English.
- The learners will be familiarized with text critically, annalistically and logically.

**Major Form Fiction :**

- The course is intended to familiarize the students with various trends and movements in fiction.
- To develop the basic understanding of the literary history of fiction, style and themes.
- Reading novel of other countries can also help the students to see new things in life, similarities and differences between your day to day life. To study novel for getting encouragement to think about different ways of life.



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Department of Hindi (language & literature)

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**COURSE OUTCOMES**

**B.A.;B.COM.& B.SC.(HINDI)**

द्वितीय भाषा सामान्य हिंदी

- छात्रों में मानवीय संवेदना का विकास दिखाई देता है.
- हिंदी साहित्य के अध्ययन से सामाजिक संसक्ति तथा दायित्व की भावना विकसित होती है.
- छात्रों में भाषाई कौशल का अनुप्रयोग दिखाई देता है.
- हिंदी भाषा के समकालीन प्रयोजन परक आयाम विकसित होते हैं.
- देवनागरी लिपि के मानक का रूप का प्रयोग इलेक्ट्रॉनिक माध्यमों में छात्रों द्वारा होता है.
- हिंदी भाषा के व्यवहारिक लेखन तथा अनुवाद कार्य से छात्रों में रोजगार के अवसर प्राप्त होते हैं.
- राजभाषा, राष्ट्रभाषा, संपर्क भाषा, जनसंचार भाषा आदि -आदि भाषाई प्रकार्य से हिंदी पत्रकारिता, विज्ञापन लेखन, आकाशवाणी वार्ता, वाणिज्य -व्यापार, समाचार लेखन जैसे अनेक क्षेत्रों में छात्रों की सक्रियता दिखाई देती है.

## COURSE OUTCOMES

### B.A. (Hindi)

#### वैकल्पिक अध्ययन

- स्नातक स्तर द्वितीय भाषा तथा ऐच्छिक हिंदी के अध्ययन से साहित्यिक आस्वादन की अभिरुचि का निर्माण होता है
- हिंदी भाषा तथा साहित्य के आकलन का स्तर निर्माण होता है.
- मानवीय भावना तथा सार्वजनिक संवेदना का विकास कार्यव्यवहार से दिखाई देता है. छात्रों की जीवन मूल्यों के प्रति बढ़ती हुई आस्था का विकास होता है; जोकि समकालीन भारतीय अस्मिता है.
- भारतीय संविधानिक तथा मानवीय मूल्य आत्मसात होते हैं.
- छात्रों में मानवीय मूल्यों का विकास होता है
- छात्रों में राष्ट्रप्रेम तथा देशानुराग की भावना का विकास होता है.
- राज् भाषा, राष्ट्रभाषा, संपर्क भाषा आदि आदि के रूप में अपनाने से छात्रों में हिंदी भाषा के प्रति आकर्षण की भावना भाषिक व्यवहार से उजागर होती है .
- राष्ट्रीय एकता के निर्माण हेतु सामाजिक और सांस्कृतिक पृष्ठभूमि में अपना योगदान देते हैं.
- भाषिक तथा संप्रेषणमूलक कौशल का व्यावहारिक उपयोग होता है.
- भाषा का अनुवाद, हिंदी कंप्यूटिंग, समाचार संकलन तथा लेखन, मीडिया लेखन, व्यावहारिक अनुवाद, विज्ञापन लेखन आदि आदि समय सूचक कौशलों का छात्रों में विकास होता है . जिससे हिंदी एक प्रकार से रोजगार परक तथा व्यावहारिक दृष्टि से विकसित होती हुई दिखाई देती है.
- साहित्य की सभी विधाओं का परिचय एवं प्रतिनिधि संदर्भों के अध्ययन से साहित्यिक रुचि का निर्माण होता हुआ दिखाई देता है.
- स्नातक उपाधि के साथ-साथ उच्च शिक्षा तथा अनुसंधान कार्य के प्रति आकर्षण की भावना छात्रों में दिखाई देती है.
- स्नातक स्तर का पाठ्यक्रम छात्रों में भाषा तथा साहित्य के माध्यम से समकालीन स्थिति में रोजगार के अनेक अवसर निर्माण करता हुआ दिखाई देता है जिससे हिंदी भाषा तथा साहित्य के प्रति छात्रों का आकर्षण रहा है.
- अनुवाद वह सेतु है जिससे प्रादेशिक साहित्य के साथ- साथ भारतीय भाषाओं के साहित्य का ज्ञान होता है.



**M. S. P. Mandal's**  
**YESHWANTRAO CHANVAN COLLEGE, AMBAJOGAI**  
**Dist. Beed- 431517 (M.S.)**  
**Department of MARATHI**

**MARATHI COURSE OUTCOMES AT UG :**

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Our college runs UG Programme Under UG we have B.A., B.Com. and B.Sc. for PG we have M.A. English, Economics, Political Science and M.Com (आमच्या महाविद्यालयामध्ये पदवी स्तरावर मराठी विषय B.A., B.Com. and B.Sc. या वर्गांना शिकवला जातो)

For these classes, the learning are different As example, the course outcomes of the subject Marathi are provided here.

**Second Language (Marathi) मराठी द्वितीय भाषा: B.A., B. Com., B.Sc. F.Y .**

- विद्यार्थ्यांना पायाभूत साहित्य व भाषिक कौशल्याचे ज्ञान उपलब्ध करून देणे.
- विद्यार्थ्यांना मराठी साहित्य प्रकाराची ओळख करून देणे.
- विद्यार्थ्यांना निवडक लेखकांचा, कवींचा परिचय करून देणे तथा गद्यातील अथवा कवितेतील आशय सौंदर्य समजावून सांगणे.
- विद्यार्थ्यांमध्ये मराठी साहित्याची अभिरुची निर्माण करणे.
- विद्यार्थ्यांना मराठी साहित्यातील सामाजिक, संस्कृती मूल्य देणे
- विद्यार्थ्यांना मराठी साहित्यनिर्मितीसाठी प्रेरित करणे.
- समाजासाठी आवश्यक असलेले संवेदनशील वैचारिक मनुष्यबळ निर्माण करणे.
- विद्यार्थ्यांना उपयोजित मराठी अभ्यासक्रम शिकवणेरोजगाराभिमुख दृष्टीकोन निर्माण ,व्यावसायिक कौशल्य ,करणे
- पायाभूत साहित्य व भाषिक कौशल्याचे ज्ञान उपलब्ध करून देणे.
- मराठी साहित्यातील जुन्या,नव्या कवी लेखकांच्या कलाकृतींचा परिचय व्हावा म्हणून काही निवडक काव्य-कथा विद्यार्थ्यांपर्यंत देणे.

**Second Language (Marathi) मराठी द्वितीय भाषा: B. Com. .SY.**

- विद्यार्थ्यांना उपयोजित मराठी अभ्यासक्रम शिकवणे ,व्यावसायिक कौशल्यरोजगाराभिमुख दृष्टीकोन निर्माण ,करणे
- विद्यार्थ्यांचा भाषिक ,व्यावसायिक व व्यक्तिमत्त्वाचा विकास करणे.
- विद्यार्थ्यांचे व्यावहारिक जीवन विकसित करणे.
- दैनंदिन भाषा वापर साहित्यातील उपयोग व कार्यालयीन उपाययोजनांचा विचार करणे.
- भाषेतील संवाद कौशल्य, उच्चार सामर्थ्य, लेखन कौशल्य, शब्द संग्रह यांचा परिचय करून देणे.
- कार्यालयीन लेखन तंत्रविषयी माहिती करून देणे.

## Optional Marathi (मराठी ऐच्छिक विषय) : B.A., F.Y., S.Y., T.Y.

- विद्यार्थ्यांना मराठी भाषा व साहित्याचा सविस्तर अभ्यास शिकवणे
- विद्यार्थ्यांना मराठी साहित्याच्या इतिहासाची ओळख करून देणे.
- विद्यार्थ्यांना मराठी भाषेची निर्मिती स्वरूप व प्रक्रिया शिकवणे.
- विद्यार्थ्यांना भाषा व व्याकरण यांचा सहसंबंध शिकवणे.
- विद्यार्थ्यांचा समीक्षात्मक दृष्टिकोन विकसित करणे, विद्यार्थ्यांमध्ये वाचन लेखन चिंतन कौशल्याचा विकास करणे.
- यादवकालीन सामाजिक, सांस्कृतिक, धार्मिक स्थितीचा, व्यक्तीचा वेध घेणे.
- तत्कालीन ग्रंथनिर्मितीमागील प्रेरणा व स्वरूप समजावून देणे .
- मध्ययुगीन काळातील विविध संप्रदाय त्यांचे तत्वज्ञान त्यांचे सामाजिक योगदान यांचा पुढील साहित्यावर पडलेला प्रभाव या सर्वांची जाणीव विद्यार्थ्यांना करून देणे.
- श्रेष्ठ व अक्षर साहित्यातील सौंदर्यस्थळे विद्यार्थ्यांना लक्षात आणून देऊन अध्यापन प्रक्रिया सुंदर बनविणे मानवी जीवनातील उदात्त तत्व ज्ञानाबरोबरच मानवी जीवनाचे आकलन व मानवी मनाचे आकलन आणि मानवतावादाची शिकवण विद्यार्थ्यांमध्ये रुजविणे.
- काळाची गरज ओळखून साहित्याबरोबरच प्रसार माध्यमांचा, अनुवाद प्रक्रियेचा अभ्यास विद्यार्थ्यांना देणे. जागतिकीकरण, खाजगीकरण, उदारीकरण यांच्या काळात विद्यार्थ्यांना रोजगाराच्या संधी उपलब्ध करून देणे . 'मागणी तसा पुरवठा' या सिद्धांतानुसार मराठी भाषेचा साहित्याचा अभ्यास करणाऱ्या विद्यार्थ्यांमध्ये साहित्याची अभिरुची वाढविण्याबरोबरच रोजगाराच्या संधी उपलब्ध करून देणे.
- माध्यमांतर किंवा अनुवाद या माध्यमातून वैशिष्ट्यपूर्ण व श्रेष्ठ साहित्यकृती परस्परांच्या भाषेत सिद्ध करून साहित्य विषयीची गोडी निर्माण करणे.
- प्रकल्प लेखन अभ्यासक्रमातून विद्यार्थ्यांना वाचन, चिंतन, मनन, संशोधक दृष्टी, लेखन कौशल्य, विकासीत होण्याच्या दृष्टीने प्रयत्न करणे .
- प्रकल्प लेखन अभ्यासक्रमातून एखादा लेखक अथवा त्याची साहित्यकृती, साहित्य प्रांतातील विविध प्रवाह, प्रश्न, सामाजिक, सांस्कृतिक संचित नव्याने मांडून त्यातून संशोधन मूल्य सिद्ध करणे. यासाठी विद्यार्थ्यांना परिपूर्ण बनवणे .



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**Department of Political Science UG & PG**

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**Paper - II**  
**Political Science**  
**Basic Concepts of Political Science**

**Outcomes :-**

1. To know the concept of Political Science.
2. Basic concepts of Political Science should reach unround to students

**Paper - II**  
**Political Science**  
**Government and Political Maharashtra**

**Outcomes :-**

1. Basic ideology of Movements is flourishing among the students.
2. Students of Political Science are taking interests in the paper.

**B.A.S.Y.**  
**Indian Government & Political Science**

**Outcomes :-**

1. Structure of Indian Constitution is knowing to the students.
2. Fundamental Rights are knowing to the students.
3. Students are showing interest in learning the powers of president, parliament and the primeminister.

**Paper IV**

1. To know the Nature of scope of International Relationship.
2. To know the approaches of International Relations.
3. To know the Idealist Approaches to the students.

**Paper V- Indian Political Thinkers**

1. To study of the Indian Political thinker.
2. To know the greatness of Indian thinkers – Dr.B.A. Ambedkar, Gandhigi & M.N. Roy etc.

**Paper VI – Western Political Thinkers**

1. Arstotle’s thoughts should know to the students.
2. Students should know what is Marxcism.
3. View of Machilveli on Religion of Morality.



M.S.P. Mandal's  
**YESHWANTRAO CHAVAN ARTS, COMMERCE & SCIENCE COLLEGE, AMBAJOGAI,**  
**DIST. BEED-431517**  
**DEPARTMENT OF PUBLIC ADMINISTRATION**  
**COURSE OUTCOMES AT UG.**

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**Bachelor Of Arts (Pass Course) Public Administration**

Our college runs UG and PG Programmes. The Public Administration program from our college is run at UG level.

• **Under Graduate programme in Public Administration Objectives:**

1. Understand Public Administration theory and concepts from multiple perspectives.
2. Acquaint with the functioning of the Indian Administration at central, state, and local levels and the responses of these system in addressing the concerns of the people.
3. Acquaint the learner with the required knowledge of Administrative science and government in action and the contemporary issues in public affairs management.
4. Acquaint with India's development experience and Changing role of Administration.
5. Develop conceptual, analytical and problem solving abilities among the learners.
6. Understand the role of Public Services in India.

**Program Outcomes:**

1. Demonstrate knowledge of the core mechanism of Public Administration.
2. Ability to demonstrate the core mechanism of Public Management.
3. Ability to understand and apply the decision making, leadership and other professional skill.
4. Ability to explain how different environment effect on public policy and administrative functions.

**B. A. First Year**  
**Course Code:P.A.101**  
**Course Name: Principles and Concepts of Public Administration**  
**Course Objectives:**

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1. This introductory paper is aimed to acquaint the students to understand the theoretical aspects of Public Administration.
2. To introduce the students with basic concepts and theories and principles of public administration.
3. To understand the synthesizing nature of knowledge of public administration from public perspectives.
4. Appreciate the nature, scope and changing paradigm of public administration.
5. To understand the students Public and Private Administration
6. Similarities and differences. Also understand Administrative Planning, Leadership and Decision making concepts.

**Course Learning Outcomes :**

1. Students will be able to understand the meaning, relevance and historical development of Public Administration.
2. Learner will be able to differentiate and relation of Public Administration with other social sciences.
3. Learner will be able to define, understand and explain the organizational theories of the Public Administration.
4. Learner will be able to leading any work,planning of work and decision making.

#### **B. A. First Year**

**Course Code PUB. 102**

**Course Name:Public Administration In India**

**Course Objectives:**

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1. To understand the historical evolution and socio-economic, political and global context of Indian administration.
2. To build a better understanding of the role of civil services in Indian administrative system.
3. To understand the role of constitutional authorities in Indian administration.
4. To understand the constitutional frame work, preamble, fundamental rights, directive principles of state policy, fundamental duties and union judiciary structure and jurisdiction.

#### **Course Learning Outcomes :**

1. Through this course students will understand the role of Indian administration as a main instrument of State.
2. Students will develop diverse knowledge of the of Indian constitution and functioning of government.
3. Students will also learn about the problem of corruption and role and significance of Lok Pal, Right to Information Act 2005and Citizen Charter.
4. Student will be able to implementation in life fundamental rights and fundamental duties.

#### **B. A. Second Year**

**Course Code Pub. 105 and 107**

**Course Name: Personnal Administration  
and Financial Administration**

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#### **Course Objectives:**

1. To introduce students the concept of Personnel Administration, Tanning, Promotion, Recruitment, Civil Service and Retirement.
2. To understand grievances redressed mechanism in India, problems of Personnel Administration
3. and Central administrative tribunals and Maharashtra administrative tribunals.
4. To be able to comprehend the financial administration.
5. To get to know about the budgetary processes in India.



6. To acquaint the students with the nature and functioning of political system(s) and the political processes.
7. To able to understand the tax administration in India and parliamentary control over finance.

**Course Learning Outcomes :**

1. The students understanding concept of Personal Administration, tanning, tanning institutions of civil servants in India, promotion, recruitment methods and civil services in India.
2. The students will be able to generate an insight about the financial administration in India.
3. They will understand and also differentiate between preparation and execution of budget in India.
4. They will acquire an understanding of different types of taxes at center, state, and local level and method of taxation.

**B. A. Second Year**

**Course Code PA. 106 &108**

**Course Name: Panchayat Raj And Rural Development**

**Urban Local Self Government and Urban Development**

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**Course Objective :**

1. To understand the concept of democratic decentralization.
2. To trace the evolution of local government in India.
3. To comprehend the institutional arrangements and processes of rural and urban governance.
4. To Understand the concept of rural development and programs of rural development, the agencies of rural development.
5. To understand the urban development concept, programs of urban development and role of urban local self government.

**Course Learning Outcomes :**

1. Learner will be able to critically appreciate the relationship of local governance and development.
2. Appreciate the rural and urban institutional arrangements for development.
3. Understand the features of 73rd and 74th constitutional amendment Act.
4. Understand District Administration concept and knowledge of the district level Administrative posts and it's authority and role in Development Administration.

**B. A. Third Year**

**Course Code PA -109**

**Course Name :Human Resource Development**

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**Course Objectives :**

1. To comprehend the nature, scope and significance of human resource development and human resource management.
2. To identify the objectives and need of human resource planning.
3. The course also aims to understand the role of institutions in human resource development and means of human resource development.

**Course Learning Outcomes :**

1. Students will be able to discuss the human resource development & human resource management.
2. Also understand the challenges of human resource planning and Problems.
3. Also, to identify the systems and processes of financial and material management.
4. Students will be able to discuss human resource planning concept, significance and process of planning.

**B. A. Third Year****Course code: P A -110****Course Name: Educational Administration****In India**

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**Course Objective:**

1. To Inform the students educational administration concept, education meaning, objectives and importance of education.
2. To Introduce the students historical background education in India and institutions of education in India.
3. Quality control institutions in higher education in India such as NAAC and AICTE to inform students.
4. To understand the students challenges before higher education in India and globalization impact on higher education.

**Course Learning Outcomes :**

1. Students will be able to discuss education concept, education importance in human life. Also understand educational institutions in India.
2. Globalization impact and consequences in higher education understand the students.
3. For national building and national development to make future generations efficient, proactive and characterization.

**B.A . Third Year****Course Code PA-111****Course Name: Administrative Thinkers**

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**Course Objectives :**

1. To understand the various theories of administrative thinkers with brief life sketch.
2. Make the learner to understand the administrative theories.
3. To understand the thoughts of most influential thinkers and contributors of Public Administration.

**Course Learning Outcomes :**

1. Students will be able to recognize the thinker's life, writings, principal contribution to the theory and critical evaluation.
2. They can identify and explain the significance of the theories in the modern context.
3. They can identify the organizational conflict and how the theories can resolve these conflicts.



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**Department of History**

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**Programme specific outcomes**

At the time of graduation, the students will be to -

**PSO1:** Understand the background of ancient, medieval, and modern Indian history as well as world history

**PSO2:** Understand past and present existing social, political, religious and economic background of people

**PSO3:** Develop practical skills helpful in the study and understanding of historical events, like- drawing of historical maps, charts, diagrams; preparation of historical models tools

**PSO4:** Develop interests in the study of history and activities relating to history, like- reading of historical documents maps, charts

**PSO5:** Write articles on historical topics

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**Course Outcomes**

**F.Y. B.A.**

**Semester I**

**Shivaji and His Times (1630 to 1707 A.D.)**

Upon completion of the course, the students will be able to-

**CO1:** Explain formation of welfare state during the Maratha rule

**CO2:** Discuss industrial agricultural aspects of Chhatrapati Shivaji „regime

**CO3:** Explain administrative aspects of the Swarajya

**CO4:** Elaborate inspiration behind the establishment of Swarajya

**CO5:** Explain reasons behind Chhatrapati Shivaji’s early conflicts with the regional lords and the outsiders

**CO6:** Discuss Maratha war of independence.(1689 to 1707A.D.)

**History of Modern Maharashtra (1818 to 1905 A.D.)**

Upon completion of the course, the students will be able to-

**CO1:** Discuss history of modern Maharashtra

- CO2: Evaluate renaissance and social reform movement in Maharashtra
- CO3: Explain early political awakening of freedom struggle in Maharashtra
- CO4: Discuss British administration in Bombay presidency
- CO5: Identify social institutions of 19<sup>th</sup> Century

## **Semester – II**

### **History of Marathas (1707 TO 1818 A.D.)**

Upon completion of the course, the students will be able to-

- CO1: Discuss importance of the Maratha history in 18<sup>th</sup> century
- CO2: Assess circumstances under which rise of the Peshwa took place
- CO3: Explain political scenario of the Maratha power in the 18<sup>th</sup> century
- CO4: Evaluate policies adopted by early Peshwas
- CO5: Explain circumstances of the Maratha power at battle of Panipat
- CO6: Explain reasons of political disintegration of the Maratha
- CO7: Discuss nature of Anglo-Maratha relations
- CO8: Discuss central and provincial administration of Marathas under the Peshwas

### **20<sup>th</sup> Century Maharashtra (1905 – 1960 A.D.)**

Upon completion of the course, the students will be able to-

- CO1: Explain salient features of 20<sup>th</sup> century Maharashtra
- CO2: Evaluate consolidation of British power in Maharashtra
- CO3: Analyse social religious, consciousness in Maharashtra
- CO4: Discuss freedom struggle in Hyderabad state specially in Marathwada region
- CO6: Differentiate the Dalit movement and non Brahmin movement

## **S.Y. B.A.**

### **Semester III**

#### **History of early India (UPTO 300 B.C.)**

Upon completion of the course, the students will be able to-

- CO1:** Describe Prehistory and Proto-history
- CO2:** Classify urbanization in the Gangetic Basin
- CO3:** Classification of Buddhism and Jainism
- CO4:** Acquire knowledge about Sanskrit, Pali literature
- CO5:** Identify Early Indian Maps
- CO6:** Acquire knowledge of Vedic, Jain, Buddhist culture and their literature
- CO7:** Discuss ancient Republic and Mahajanpadas

### **British Rule in India (1757 to 1857 A.D.)**

Upon completion of the course, the students will be able to-

- CO1:** Explain modern Indian history
- CO2:** Identify expansion of British Rule in India
- CO3:** Distinguish detail account of British Raj as well as its overall impacts on The Indian Society
- CO4:** Evaluate renaissance and social reform movement in India
- CO5:** Explain early resistance to British rule
- CO6:** Discuss reasons behind the revolt 1857

## **Semester IV**

### **B.A. T.Y.**

#### **Historiography**

Upon completion of the course, the students will be able to-

- CO1:** Write articles on historical topics, Writings History and Techniques of historical Writing
- CO2:** Developed their ability to access critically historical analysis and argument past and present
- CO3:** Gained an understanding of the development of the academic study of history Throughout the world since the later eighteenth century
- CO4:** Explain recent and contemporary debates in the theory and practices of historical writings
- CO5:** Gained insight into current methodologies, theories, and concepts, currently in use within the historical discipline
- CO6:** Discuss Historiographical traditions outside the west

**CO7:** Identify history as scientific discipline

### **History of National Movement (A.D. 1885-1947)**

Upon completion of the course, the students will be able to-

**CO1:** Explain early political awakening in Indian freedom struggle

**CO2:** Discuss origin and development of Indian national congress

**CO3:** Explain various phases of the national movement

**CO4:** Identify difference between moderates, extremists and revolutionaries

**CO5:** Comprehend socio-religious scenario and the social reformation

**CO6:** Discuss freedom movement under the Mahatma Gandhi's leadership

**CO7:** Explain Revolutionary movement in India

**CO8:** Discuss evolutionary process of constitutional developments

### **Women Struggle in Modern India**

Upon completion of the course, the students will be able to-

**CO1:** Discuss women contribution in Indian freedom struggle

**CO2:** Explain actual condition of women in Colonial period

**CO3:** Discuss past and present existing social, political, religious and economic condition of women in modern India

**CO4:** Explain various superstitions, wrong traditions related to women in modern Indian history

## **Semester VI**

### **Fields of History**

Upon completion of the course, the students will be able to-

**CO1:** Explain advance and assist Archaeological research

**CO2:** Discuss participation in archaeology throughout society, identifying and addressing barriers to inclusivity

**CO3:** Explain various career opportunities in the field of Museology, and tourism

**CO4:** Identify various types of career opportunities in the field of Tourism, Archaeology Museology etc

## **Landmarks in the History of Modern World**

Upon completion of the course, the students will be able to-

**CO1:** Discuss rise of Modern World

**CO2:** Classify growth of capitalism

**CO3:** Identify world maps –Oceanic Explorations, Europe in 1815, important stages of World War, and important centres of International trade

**CO4:** Explain rise and development of Democracy in modern world

**CO5:** Discuss freedom struggle in America, French, Russia, China, India and other part of the world

**CO6:** Explain new ethics of politics, philosophy, political, economical, and military trends in modern world

## **Glimpses of the history of Marathwada**

Upon completion of the course, the students will be able to-

**CO1:** Discuss salient features of history of Marathwada

**CO2:** Analyse contribution of Marathwada in Hyderabad Freedom Struggle

**CO3:** Discuss Marathwada freedom struggle with Indian freedom Struggle

**CO4:** Explain women contribution of Marathwada in freedom struggle

**CO5:** Identify socio- religious movements in Marathwada

**CO6:** Explain work of Swami Ramanand Teerth, and Police Action by Indian Government





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**Department of Economics UG & PG**

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**2020-2021**

**Dr.Babasaheb Ambedkar Maratwada University, Aurangabad**

**Revised Syllabus of B.A.Ist & IInd With Semester – 50:50**

**(Effective from – 2013-2014 & onwards)**

**Paper - I MICRO ECONOMICS (COMPULSORY) –ECO-101**

Objective :

- As a foundation of economics in this paper student is expected to understand the meaning and scope of micro economics, the behavior of an economic agent, namely, a consumer, a producer, a factor owner and the price fluctuation in a market. The approach of this paper is to study the behavior of a unit and analysis is generally static and in partial equilibrium framework. The units incorporated in this paper deals with nature and scope of economics, the theory of consumer behavior and analysis of market equilibrium.

**Paper- II INDIAN ECONOMY (COMPULSORY) ECO-102**

Objective :

- The objective of the paper at the F.Y.B.A. level would be to sharpen the analytical faculty of the students, by highlighting an integrated approach to be functioning aspects of the Indian economy, keeping in view the scope for alternative approaches. Such an analysis is essential because the Indian economy in a unique amalgam of alternative competing and often conflicting theories and a proper understanding of its working of its working is imperative if the students is to comprehend the ramifications that underlie most of the observed phenomena in the Indian economic set-up. The emphasis of the paper is overall social, political and economic environment influencing policy decisions. To develop all these themes, the courses are divided into specific

**Paper – III Price Theory (COMPULSORY) – ECO- 103**

Objective :

- The purpose of this paper on price theory at the B.A. level is to enable students to have an understanding of the various components regarding price determination under various types of markets. Units incorporated in this paper would enable the students to know about the theory of production, Cost and revenue, analysis, forms of market and factor pricing theories.  
this objective this course is designed. This will also help to carry interest in the sociology is general and its subfields I particular.

**Paper – IV MONEY BANKING AND FINANCE (COMPULSORY) ECO-104**

**Objective :**

- Money and banking constitutes important components of modern economy. A clear understanding of the operations of money and banking and their interaction with the rest of the economy is essential to realize how monetary forces operate. The paper on money and banking is essential for students to understand the monetary and banking system in India.

**B.A. (II Year study)**

**Semester III and IV**

**(50:50 Marks Pattern)**

**Effective from 2014-2015**

**Paper- 5 Macro Economics (Compulsory) ECO-105**

**Objectives :**

- This paper of Macro Economics is designed to make undergraduate students aware of the basic theoretical framework underlying the field of Macro Economics.

- **Paper – 6 Economics of Development (Compulsory) ECO- 106**

**Objective :**

- This paper would enable the students to know about theories of Development underlying the field of Economics of Development

**Paper – 7 Public Finance (Compulsory) ECO- 107**

**Objective :**

- This paper would provide understanding about the significance and scope of Public Finance. The main objective of this paper is to provide detailed information to students about the fiscal policy, public revenue, public debt and public expenditure.

**Paper – 8 Statistical Methods (Compulsory) ECO-108**

**Objective :**

- The main objective of this paper named Statistical Methods is to train the students to use the techniques of statistical analysis which are commonly applied to economic problem. Statistical Methods paper also deals with simple tools and techniques which will help the students in data collections. Presentation, analysis and drawing inferences about various statistical hypotheses.

**B.A. III Year Semester – V & VI**

**(Effective from 2015-2016 & onwards)**

**Paper – IX International Economics (Compulsory) ECO- 109**

**Objective :**

- This paper provided the students a thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. The contents of this paper, spread over various units, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade.

**Paper- X Agricultural Economics (Compulsory) ECO-110**

**Objective :**

- The objective of this paper is to provide a detailed treatment of issues in agricultural economics to those intending to specialize in the area. Its objective is to familiarize students with policy issues that are relevant to Indian agricultural economics and enable them to analyze the issue, using basic micro-economic concepts.

**Paper – XI History of Economic Thought (Optional) ECO-111**

**Objectives :**

- This paper deals with basic ideas of classical, new classical and marginalist economist. The object of this paper is to understand students the basic economic ideas of various economic thinkers of the world.

**OR**

**Paper - XI Mathematical Economics (Optional) ECO-111 (A)**

**Objectives :**

- This paper is designed to equip students to understand the economic concepts and theories which use mathematical tools and techniques to refine the verbal logic. The use of calculus has permitted formulation of economic problems in multivariable mode and yield valuable insight optimizing human behavior.

**OR**

**• Paper - XI Labour Economics (Optional) ECO-111 (B)**

**Objectives :**

- Labour is the main input of any industry. This paper provides a deep knowledge regarding recent labor policies in India. The main object of this paper is to provide detailed information to students about labor market, employment, wage determination and industrial

**Paper – XII Projects Work (Annually) ECO112**

**Objectives :**

- This course will inform students about the project writings skill as per the study of research methodology techniques . Its also deals with the deep study of specific topic.
- course is designed to understand basic theoretical approaches and develop their sociological thinking while knowing theoretical contribution of prominent sociologists of their time.

**Paper : XIII Research Methodology ECO- 113**

**Objective :**

- The main objective of this paper is to provide information about social sciences research to the students of economics. This paper deals with importance of social research, research design, data collection and presentation of data.

**OR**

**Paper – XIII Regional Economics ECO- 113**

**Objective :**

- The intervene effectively and meaningfully, to pull up economically and socially the less developed regions, it is necessary to understand the dynamics of regional development. This paper begins with an elucidation of the terms and concepts, students are given a broad overview of the techniques of regional analysis. The paper also contains a section on the regional aspects of the Indian economy including the Indian experience in regional policy formulation and implementation.

**Paper – XIV Industrial Economics ECO-114**

**Objective :**

- In the contemporary world with globalization and liberalization more and more attention is being given to industry. This paper intends to provide knowledge to the students on the basic issues such as concepts and organization of a firm, productivity, efficiency, capacity utilization and debates involved in the industrial development of India.

**Paper – XIV Foreign Trade and International Institutions ECO-114 (A)**

**Objectives :**

- The paper provides a deep understanding about the broad principles and theories, which tend to govern the free, flow of trade in goods, services and capital. Besides, preparing the students about the relevance and limitations of these principles, the contents of the paper spread over turn will greatly help them to examine the impact of the trade policies followed both at the national and international levels.

**Paper – XV Indian Economic Thinkers ECO – 115**

**Objectives :**

- This paper is essential for a students who aspires for advanced training in economics in India. The evolution of economic idea in each instance was as much a response to immediate economic problem and policy issues as much as it was a self-conscious attempt to refine earlier analysis by correcting mistakes and filling in the gaps in analysis.

**Paper – XV Economic Thought of Dr. B.R. Ambedkar and Mahatma Phule ECO- 115 (A)**

**Objectives :**

- This main objective of this paper is to provide Information of basic economic thoughts of Dr. Ambedkar and Mahatma Phule.

**Paper – XV Econometrics ECO- 115 (B)**

**Objectives :**

- In order to understand economic problems clearly, the knowledge of econometrics is very essential. The students in this direction are expected to have an elementary knowledge of basic concept in the econometrics. Further in the field of econometrics, Economics and Econometrics, Econometrics Models and Regression Analysis should be clearly understood by the students. This paper is meant to train the student in this direction.

**Paper – XV Economy of Maharashtra ECO-115 (C)**

**Objectives :**

- The students should know the basic features of the economy of Maharashtra. The students should also be able to understand the problems related to agriculture, industries, cooperative sector and infrastructure in the Maharashtra state.

**Paper – XVI Project Work ( Annual Assessment) ECO-116**

**Objectives :**

- This course will inform students about the project writings skill as per the study of research methodology techniques. Its also deals with the deep study of specific topic.



M.S.P.Mandal's

# Yeshawantrao Chavan College

Ambajogai, Dist. Beed. 431517

Department of Economics

M.A. Economics First Semester

Name of the paper.

Micro -Economics ECO 401

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Course objectives

The student should be able to understand and analyse the theory of consumer behaviour the determines of consumer choice those involving risks ,theory of production and theory of cost the students should be prepared for further courses units in economics which required knowledge of micro Economics

Macro Economics Eco 402

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Course objectives

Macroeconomics effectively purports to a bridge to the macro Economics it develop the subject from consumption ,investment analyse to income determination using IS-LMianalysis

International economics ECO 422

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Course objectives

The objective of this course is to offer and advanced level study of international economics the courses designed to develop an understanding regarding the actual practices in the highly competitive area of international trade the cores also offer and inside into the global capital market

Agriculture economics ECO 424

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Course objectives

The objective of this is to provide a detailed treatment of issues in agriculture economics to those in trading to specialize d in this area it's objective is to aware the students with policy issue that are relevant to Indian agriculture sector and analyse the issue using basin micro economic concepts

## M.A.Economics Second semester

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### Micro Economics ECO 403

#### Course subjectives:

- 1) The students should be able to understand and analyse the forms behaviour in different market structure how price are determined in different market structure and how factor prices are determine
- 2) 2) the students should be able to understand and describe the difference views related to the welfare
- 3) 3) the students should be prepared for further courses which require a knowledge of micro analysis of economics
- 4) Macro economics II

#### objectives

objective of the course is to stress on the inter relationship between monetary, Fiscal ,and exchange rate policies.

Growth analysis is specially introduce in this course

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### Economics of gender ECO 429

#### Course objectives

Gender basis have prevalid in most of the social sciences, and economics is no expectations. These basic have contributed to a neglect of women's role in the economy, and the way in which women's are affected by economic development

Recent work in women's studies goes some way in correcting these basis ,which is a first step in a new occupations of economic development and economic policy where buy present gender inequality maybe address in this course and attempt is made to introduce the studies to thisdody of work

### Hiistory of economic thought ECO 431

#### Course objectives

About the history of economic thought in India

## M.A.Economics III Semester

### Indian economic policy -ECO 501

#### Course objectives

To provide information about the Indian economy to the students they should also be able to know the interaction relationship of the various sector of the Indian economy

## Public economics ECO 504

### Course objectives

The objective of this course is to explain the significance of the role of government in the market oriented liberalization economic environment this course has been check out to offer a gap of the concept of market failure and the principal of exclusion on which market functions the cores also offer and inside into various approaches to fiscal policy

## Banking ECO 522

### Course objectives

The objectives of the scores is to introduce different rolls that various financial institutions play in our economy and learn the risk enhance in the operation of these financial institutions particularly interest rate risk and credit risk

## Growth Economics ECO 524

### Objectives of the course

The objective of the course is to improve students to exacting academic approaches that grape with complicity of development countries this course presents some of the major economic ideas in development thinking

## M.A.Economics IV Semester

### Indian economic policy ECO503

#### Course objectives

Objective of this course is to provide a study of some important issue concerning Indian economy and to increase the knowledge students of various policy in titles and basic concept of Indian economy

### Indian public finance ECO 504

#### Course objectives

The objective of this course is to acquaint the students to the Indian system of federal finance the course has been form to incorporate the latest development regarding physical policy ,tax reforms analyse of latest union budget and approach of finance commission



## Financial markets ECO 527

### Course objectives

The course introduce topics such as the structural organisation of financial market institutions and the role they play in economy the basic concept in modern finance and monetary policy in addition the course analyse basic of financial policies and operations of commercial banks and other financial institutions as well as an overview of the globalisation of financial markets and institutions.

## Development Economics ECO 529

### Course objectives

Development economics course build on and extend the microeconomics and macroeconomic tools developed in core courses it also deals with the contemporary problems of development

**HOD Economics  
Dr.D.B.Tanduljekar.**



**M.S.P. Mandal's**  
**Yeshwantrao Chavan College, Ambajogai Dist. Beed**  
**Dept. Sociology**  
**2021-2022**

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

**Revised Syllabus of B.A. Ist & IInd With Semester – 50:50**

**(Effective from – 2013-2014 & onwards)**

**Paper - I Introduction to Sociology**

Objective :

- Sociology is one of the Modern social sciences, which has a significant role in society. This Core course is designed to know about the origin and development of the sociology as a discipline in general and development in India a particular, Every Science or Branch has its own subject matter so as Sociology, Which correspond society as its subject. This course is designed to study approach, Principles, concepts , methods and history of sociology

**Paper- II Individual and society**

Objective :

- Sociology has been instrumental in changing our attitude towards society analysis. In a specialized society we are all limited as to the amount of the whole organization and culture that we can experience directly. We can hardly know the society and the institution and other structural elements.

**Paper – III Introduction to subfields of Sociology**

Objective :

- Sociology as a subject has its own discourse however it undertakes many issues concern with other social sciences. Gradually several branches of sociology emerged with distinct subject matters. Students o sociology must have the Knowledge of those branches to understand the scope of sociology & its wideness. With this objective this course is designed. This will also help to carry interest in the sociology is general and its subfields I particular.

**Paper – IV Indian Social Composition**

Objective :

- Indian Sociology has been focused of the wide description of Indian social composition. As student of sociology one has know the basic segments of Indian social structure and its various dimensions. This course mainly covers the broad segments of Indian society structure which are India's geographical ethnic and religious distinctiveness. This course also provides information regarding democratic beauty of India.

**B.A. (II Year study)**

**Semester III and IV**  
**(50:50 Marks Pattern)**  
**Effective from 2014-2015**

**Paper- 5 Problems of Rural India**

Objectives :

- it is very important to focus on studies about Rural Development in country like India where a large section of population still living in rural areas. Rural life is affected by the changes taking places at world around. A student of Sociology must be aware about the changing scenario of Rural India and the contemporary Problems of rural development this course is designed with these objectives.

**Paper – 6 Contemporary Urban Issues**

Objective :

- Urbanization I irreversible process in all over world so as in Indi. The number of cities and the demographic population is increasing day by day. As the result of it several issues of planning and distribution of means are raises, so this v course is design to create understanding and analytical capacity among students about urbanization, urban Communities, urban planning and urban problems.

**Paper – 7 Population in India**

Objective :

- This course designed to understand causes and consequences of population change Population is decisive factor which reflects is overall society. Changes in fertility, mortality, migration technology affected the Society, India which is secod largest population in the world has its own features and characteristics. This Course is designed to understand the dynamics of Population.

**Paper – 8 Sociology of Development**

Objective :

- \* Development is broad and critical process which makes impact on society. The development of human society has come across many stages. The outreach of any development has created many issues too. Sociology has taken Development as a diverse discourse to study. This course provides a broad introduction to many development Issues in India.



## **Paper – IX Sociological Traditions**

Objective :

- To provide information to the students with the understanding of historical, socio-economic and intellectual forces of the rise of sociological theories.
- To provide the students with the basic understanding of emergence of sociological stated theories with their contributions to sociology.

## **Paper- X Introduction to Research Methodology**

Objective :

- This course is designed to introduce Research Methodology to undergraduate students for better understanding of application of social sciences in general and Sociology in particular.
- To provide and equip the students with the procedures. Tools and techniques of social research.

## **Paper – XI Social Problems in India**

Objectives :

- As a Nation of diversity and plural society Indian witnessed many issues in past and present this course is designed to identify and analyze some of emerging social problems from sociological perspective.
- To sensitize the students about social problems of contemporary India and to discuss the measures on it.

**OR**

## **Paper - XII Urban Sociology**

Objectives :

- Urban Sociology is important branches of Sociology which indulge in Urban features, studies and urban theories this course is designed to provide information to student about urban sociology and to furnish the basic elements of the subject and to draw attention of the students towards increasing urbanization.

## **Paprt – XIII Sociological Theories**

Objectives :

- This course is designed to understand basic theoretical approaches and develop their sociological thinking while knowing theoretical contribution of prominent sociologists of their time.

#### **Paper : XIV Social Research Methods**

Objective :

- The Course can serve as a helping hand to students to understand primary technique and the use of social research. The course is designed in the view of increasing use of computers and statistical tools in social research.

#### **Paper – XV Social Disorganization in Contemporary India**

Objective :

- With rapid industrialization and modernization Indian society is witnessing drastic changes with this transformation Indian society also witnessing few negative changes in social institutions. The course is designed to elaborate on such changes and to know causes and impact of social disorganization.

#### **Paper – XVI Urban Society in India**

Objective :

- This course is designed to analyze critically social problems of urban India and to discuss regarding impact of modernization and industrialization on Indian urban sphere.



M.S.P. Mandals  
Yeshwantrao Chavhan college, Ambajogai, Dist. Beed.  
**Department of Geography**

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**Course Outcomes - B.A. GEOGRAPHY**

- a. Serve as a Geographer
- b. Work as a teacher in schools and high schools
- c. Serve as conservator in forest, Soil, Agri, Departments.
- d. Work in disaster and water resources management.
- e. Serve in forest department as forest conservator.
- f. Serve in cartographer in map making divisions of Government.
- g. Work in NGOs.
- h. Can Prepare for Competitive exams



Yeshwantrao Chavhan college, Ambajogai, Dist. Beed.  
**Department of Home Science**

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**1. Semester I**

**Course :** Introduction To Home Science

**Objective :**

- Understand the concept, scope and philosophy of Home Science.
- Appreciate the role of Home Science in Nation building.
- Develop desirable attitudes towards integrated rural and urban development.

Learning Cultural and human values through Home Science

**2. Semester II**

**Course :** Foods and Nutrition

**Objective :**

- Understand the concept of food and nutrition.
- Understand the effect of cooking on food.
- Create awareness about food preservation, meal planning and nutritional requirements.

Understand various processes involved within the body.

**3. Semester III**

**Course :** Human Development

• **Objective :**

- Developing awareness of important aspects of development during the life span of an individual.
- Become acquainted with developmental stages from birth to old age.

Perceive the importance of family and the community in the development of the children with special needs.

**4. Semester IV**

**Course :** Clothing and Textiles

**Objective :**

- Gain knowledge on the characteristics of fabrics and their use.
- Understand the methods of maintaining different fabrics, their finishing and storage.
- Learn the basic stitching skills and acquiring knowledge about embroidery.
- Know the basics of Computers.

**5. Semester V**

**Course :** Fundamentals of Resource Management

**Objective :**

- To understand the Fundamentals of resource management in a changing scenario.
- To inculcate skills in identifying, creating, selecting and using available resources judiciously with emphasis on maximization and conservation.

To understand the scientific application of the process of management in the judicious use of resources

**6. Semester VI**

**Course : Extension and Communication**

**Objective :**

- To understand the concept of communication and extension and its relevance ' for self and national development.
- To appreciate the role of Home Science extension in community development.
- To sensitise students towards identifying methods and prepare suitable materials for effective communication.





M.S.P. Mandals

Yeshwantrao Chavhan college, Ambajogai, Dist. Beed.  
**Department of Music**

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**B.A. Music B.A.F.Y : INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)**

**CO1:** Introduction to the basic concepts of music, its importance and development.

**C02:** Understanding of basic Alankaars & Raagas

**C03:** Understanding of Indian classical music

**C04:** Understanding of biographies of musicians

**B.A.S.Y : INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)**

**CO1:** To develop singing ability.

**C02:** To understand Khayal's with Aalap & Tanas

**C03:** To understand musical, technical terms & their characteristics.

**C04:** To understand singing and playing

**B.A.T.Y : INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)**

**CO1:** To study of difficult Taals with their laykaris.

**C02:** To enhance ability to sing Gayaki & write Khayals with their notations.

**C03:** To understand musical Gharanas.

**C04:** To understand musical Granthas.

**COS:** To understand history & development of music.

**C06:** To provide an overview of applications of music & their Raaga therapy.



Yeshwantrao Chavhan college, Ambajogai, Dist. Beed.  
**Department of Commerce**

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## **COURSE OUTCOMES**

### **B.Com Ist Year Ist Semester**

#### **I. Financial Accounting-I**

**Aim:** The course aims at acquainting the students with the emerging issues in Business

**Objectives:**

- i. To Make the Students aware of issues in Business and Trade.
- ii. To Make them competent for maintaining the Accounting Facts.
- iii. To enhance the knowledge of presenting Accounting and Financial Facts.

#### **II. Business Mathematics and Statistics**

**Aim:** The aim of this paper to impart knowledge to students in order to improve their Mathematical and Statistical skills.

**Objectives:**

- i. To Make the Students aware and improve their logical Reasoning.
- ii. To enhance their knowledge of application of various statistical and mathematical tools.
- iii. To make addition in ability of interpretation.
- iv. To Make them able to take Scientific and logical decisions in Business Operations.

#### **III. Business Industrial Economics**

**Aim:** This course is aims to acquaint the students with principals of business economics as are applicable in Business.

**Objectives:**

- i. Familiarizes the students with the basic concepts of micro economics and its applications to business situations.
- ii. Guides the students towards understanding the real world market situations & business applications.

#### **IV. I.T. Application in Business-I**

**Aim:** It aims to provide computer skills and knowledge for commerce Students and to enhance the students understand of I.T. tools for Business operations.

**Objectives:**

- i. Cultivates knowledge of MS-Office and its use in office environment.
- ii. Provides basic understanding of how communication occurs in computing environment with knowledge of Internet and Network.
- iii. Makes students aware of Database structures and how to sort day to day office records by the use of simple queries in Database.

#### **V. Entrepreneurship Development-I**

**Aim:** To meet the growing needs of the business society, there is greater demand for sound development of commerce education. The Commerce education is dedicated to developing tomorrow's leaders, managers, and professionals.

**Objectives:**

- i. To understand the concept of Business Environment and its aspects
- ii. To make students aware about the Business Environment issues and problems of Growth
- iii. To examine personality competencies most common to majority of successful entrepreneurs and to show how these competencies can be developed or acquired

## **B.Com Ist Year IInd Semester**

### **I. Financial Accounting-II**

**Aim:** The Purpose of this course is to develop the skill among the students about papering an organization's accounts.

**Objectives:**

- i. To impart knowledge of basic accounting concepts
- ii. To create awareness about application of these concepts in business world
- iii. To impart knowledge regarding finalization of accounts of various establishments.

### **II. Business Mathematics and Statistics-II**

**Aim:** It aims to Provide Knowledge and information about statistical application.

**Objectives:**

- i. To create skills and ability among students for using the statistical methods, tools, techniques.
- ii. To familiarizes the concept of statistics
- iii. To provide practical exposure on calculation of measures of average
- iv. To provide practical exposure on calculation of measures of correlation and irrigation

### **III. Business Organization and Management**

**Aim:** The course aims to provide basic knowledge the students about the organization and management of a business enterprise.

**Objectives:**

- i. To develop knowledge about evolution of management thoughts
- ii. To better understanding of planning and decision making
- iii. To give an idea about organization structure and different types of organization

### **IV. I.T. Application in Business-II**

**Aim:** It aims to Students can able developing and delivering effective presentations

**Objectives:**

- i. To understand effective interpersonal communications skills that maximize team effectiveness
- ii. To acquire the skills of report writing and Modern forms of communication : Faxemail-video conference-internet-websites and their uses in business.

### **V. Entrepreneurship Development-II**

**Aim:** It aims to provide knowledge and information about entrepreneurship development.

**Objectives:**

- i. To Provide knowledge and create ability for setting up an enterprise within given environment.
- ii. To aiming to develop students about Entrepreneurship development
- iii. To create an awareness on various Entrepreneurship Development Programme
- iv. To enable them to understand project formulation
- v. To familiarize the students with EDP schemes

## **B.Com IInd Year IIIrd Semester**

### **I. Corporate Account-I**

**Aim:** It aims to enable the students to develop awareness about Corporate Accounting in conformity with the provisions of Companies Act and Accounting as per Indian Accounting Standards.

**Objectives:**

- i. To make aware the students about the conceptual aspect of corporate accounting
- ii. To enable the students to develop skills for Computerized Accounting
- iii. To enable the students to develop skills about accounting standards

### **II. Cost Account-I**

**Aim:** The aim of this course is to understand Basic Cost concepts, Elements of cost and cost sheet.

**Objectives:**

- i. Providing knowledge about difference between financial accounting and cost accounting.
- ii. Ascertainment of Material and Labor Cost.
- iii. Student's Capability to apply theoretical knowledge in practical situation will be increased.

### **III. GST Account-I**

**Aim:** It aims to understand basic concepts of Goods Service Tax and Customs Duty.

**Objectives:**

- i. To provide understanding of Direct Taxes including rules pertaining there to and their application to different business situations.
- ii. To understand principles underlying the Goods and Service tax

### **IV. I.T. Application in Business-III**

**Aim:** The aim of course is student will possess required skills to be employed at a various offices and administrative level jobs using technologies.

**Objectives:**

- i. To provide assistance in understanding how internet work space makes business enterprise work easier.
- ii. To help students acquire internet and cloud skills.
- iii. To create an understanding among students relating to cyber crimes.

### **V. Banking**

**Aim:** It aims to enhance Knowledge of evolution of banking, Understanding structure of Indian Banking and Understanding primary and secondary functions of a bank.

**Objectives:**

- i. To provide knowledge of fundamentals of Banking
- ii. To create awareness about various banking concepts
- iii. To conceptualize banking operations.

## **B.Com IInd Year IVth Semester**

## **I. Corporate Account-II**

**Aim:** This course aims to enlighten the students on the accounting procedures followed by the Companies.

**Objectives:**

- i. Student's skills about accounting standards will be developed.
- ii. To make aware the students about the valuation of shares.
- iii. To impart knowledge about holding company accounts, amalgamation, absorption and reconstruction of company.

## **II. Cost Account-II**

**Aim:** Impacts the knowledge of various costs on the basis of element behavior and functions.

**Objectives:**

- i. To keep the students conversant with the ever – enlarging frontiers of Cost Accounting knowledge.
- ii. Students can get knowledge of different methods and techniques of cost accounting.
- iii. To impart Knowledge about the concepts and principles application of Overheads.

## **III. GST Account-II**

**Aim:** To understand the Basic concept and framework under GST Act & Customs Act.

**Objectives:**

- i. To understand the provisions of returns, assessment and procedure of assessment.
- ii. To understand need and importance of Tax Planning and Management

## **IV. I.T. Application in Business-IV**

**Aim:** It aims to make the students familiar with Computer environment and E-Commerce

**Objectives:**

- i. To make the students familiar with basics of Network, Internet and related concepts.
- ii. To make awareness among students about applications of Internet in Commerce.
- iii. To enable make awareness among students about e-commerce and M commerce.

## **V. Insurance**

**Aim:** Inculcates the knowledge of core Insurance sector.

**Objectives:**

- i. Provides knowledge about Insurance business in India and how it influences the economy.
- ii. Acquaints students with the knowledge of accounting procedures related to fire insurance claims and their processes.

## **B.Com IIIrd Year Vth Semester**

### **I. Advance Financial Accounting-I**

**Aim:** After studying this subject students will be able to understand the advance knowledge of financial accounting.

**Objectives:**

- i. To enhance the knowledge of how to prepare final accounts of Banking.
- ii. To enable to prepare financial accounts of insurance company.
- iii. To make students competent to record the accounting transactions and events related to investment and departmental affairs.

## II. Management Accounting-I

**Aim:** Management Accounting is an essential tool to enhance a Manager's ability. It aims to increase understanding of the students about the concepts and techniques of management accounting.

**Objectives:**

- i. To understand the concept of Financial Accounting and its limitations, emergence of Management Accounting.
- ii. To understand the concept of Working Capital Management, determination of working capital, components of working capital and accounts receivable and inventory management.

## III. Auditing

**Aim:** This course aims at imparting knowledge about the principles and methods of auditing and its applications.

**Objectives:**

- i. To impart knowledge and develop understanding of methods of auditing and their application.
- ii. To impart knowledge and develop understanding of methods of audit in specialized areas.
- iii. Students will be versed in the fundamental concepts of Auditing.

## IV. Computerized Accounting

**Aim:** The aim of the course is benefit the students to work with well-known accounting software Tally ERP.9

**Objectives:**

- i. To enable students to process and record the business transactions and manage the accounts information using software.
- ii. To equip student's know-how of GST functionality using tally software.
- iii. To train students with required skill for grater employability.

## V. Business Regulatory Framework

**Aim:.** It aims to acquaint students with basic concepts, terms, provisions and application of business laws.

**Objectives:**

- i. The student will well verse in basic provisions regarding legal frame work governing the business world.
- ii. To know the students with the basic concepts, terms & provisions of Mercantile and Business Laws.
- iii. To develop the awareness among the students regarding these laws affecting trade business, and commerce.

## VI. Rural Development & Agricultural Business

**Aim:.** This course aims at developing understanding of students regarding the basic theoretical concepts of rural development and agribusiness for future entrepreneurial venture.

**Objectives:**

- |   |
|---|
| <ul style="list-style-type: none"><li>i. To enhance the basic knowledge of Rural development.</li><li>ii. To understanding concepts of Rural poverty and Rural unemployment.</li><li>iii. To get overview of rural Development programs in India.</li></ul> |
|---|

## **B.Com IIIrd Year VIth Semester**

### **I. Advance Financial Accounting-II**

<b>Aim:</b> After studying this subject students will be able to understand how to prepare the final account of Farm, Electricity and local self-Government.
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<b>Objectives:</b>
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- |   |
|---|
| <ul style="list-style-type: none"><li>i. Inculcates knowledge of various accounting concepts and policies.</li><li>ii. Introduces the students to working knowledge of Accounting Standards issued by the ICAI.</li><li>iii. To impart the knowledge about accounting methods, procedures and techniques.</li><li>iv. To acquaint students with practical approach to accounts writing by using software package and by learning various accounts</li></ul> |
|---|

### **II. Management Accounting-II**

<b>Aim:</b> This course aims to give students a good understanding about the concepts and techniques of management accounting, it will help students to understand the background of a fast changing global market.
---

<b>Objectives:</b>
--------------------

- |   |
|---|
| <ul style="list-style-type: none"><li>i. Enables them to know the concept of capital budgeting with reference to time value of money.</li><li>ii. Enables understanding of the functions, advantages, limitations of management accounting.</li></ul> |
|---|

### **III. Direct Tax**

<b>Aim:</b> students will be able to learn about the direct taxes with different income tax act with latest amendments.
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<b>Objectives:</b>
--------------------

- |   |
|---|
| <ul style="list-style-type: none"><li>i. To provide understanding of Direct Taxes including rules pertaining there to and their application to different business situations.</li><li>ii. Students will be versed in the fundamental concepts and different aspects of tax.</li><li>iii. To give knowledge about Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.</li></ul> |
|---|

### **IV. Computerized Accounting-II**

<b>Aim:</b> It aims to enhance and upgrade the knowledge of Advance computerized accounting features using Tally ERP.9 software.
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<b>Objectives:</b>
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- |   |
|---|
| <ul style="list-style-type: none"><li>i. To benefit the students with employability and to work with well-known accounting software Tally ERP.9.</li><li>ii. To enable students process advanced accounting and inventory transactions using accounting software.</li><li>iii. To equip students with advanced GST functionality through Computerized Accounting.</li></ul> |
|---|

### **V. Business Regulatory Framework-II**

<b>Aim:</b> This course aims to acquaint student with the basic concepts, terms, provisions and application of business laws.
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**Objectives:**

- i. The student will well verse in basic provisions regarding legal frame work of Negotiable Instrument Act 2002.
- ii. To know the students with the basic concepts, terms & provisions of Company Act 2013.
- iii. To develop the awareness among the students regarding these laws affecting trade business, and commerce.
- iv. To know the students with the basic concepts, terms & provisions of SEBI Act 1992 and Intellectual Property Rights.

**VI. Capital Market**

**Aim:** This course is intended to familiarize the students with capital market operations in India.

**Objectives:**

- i. To enable students to acquire sound knowledge, concept and structure of capital market and financial services.
- ii. Students get opportunities to explore many career paths like investment and portfolio management, stock market, security analysis, mutual fund and capital market analysis, accounting field, financial field etc.
- iii. To introduce the concept of Capital Market
- iv. To familiarize the concept of lease financing venture Capital and Mutual Fund





# Department of Commerce

## COURSE OUTCOMES

### M.Com

#### M.Com Ist Year Ist Semester

##### I. Corporate Financial Accounting

**Aim:** The course aims at acquainting the students with the emerging issues in Business

**Objectives:**

- iv. To Make the Students aware of issues in Business and Trade.
- v. To Make them competent for maintaining the Accounting Facts.
- vi. To enhance the knowledge of presenting Accounting and Financial Facts.

##### II. Statistical Analysis

**Aim:** The aim of this paper to impart knowledge to students in order to improve their Mathematical and Statistical skills.

**Objectives:**

- v. To Make the Students aware and improve their logical Reasoning.
- vi. To enhance their knowledge of application of various statistical and mathematical tools.
- vii. To make addition in ability of interpretation.
- viii. To Make them able to take Scientific and logical decisions in Business Operations.

##### III. Managerial Economics

**Aim:** This course is aims to acquaint the students with principals of business economics as are applicable in Business.

**Objectives:**

- iii. Familiarizes the students with the basic concepts of micro economics and its applications to business situations.
- iv. Guides the students towards understanding the real world market situations & business applications.

##### IV. Modern Management Practices

**Aim:** The course aims to provide basic knowledge the students about the organization and management of a business enterprise.

**Objectives:**

- iv. To develop knowledge about evolution of management thoughts
- v. To better understanding of planning and decision making
- vi. To give an idea about organization structure and different types of organization



#### M.Com Ist Year IInd Semester

### **I. Advance Cost Accounting**

**Aim:** The aim of this course is to understand Basic Cost concepts, Elements of cost and cost sheet.

**Objectives:**

- iv. Providing knowledge about difference between financial accounting and cost accounting.
- v. Ascertainment of Material and Labor Cost.
- vi. Student's Capability to apply theoretical knowledge in practical situation will be increased.

### **II. Tax Planning, GST and Management**

**Aim:** It aims to understand basic concepts of Goods Service Tax and Customs Duty.

**Objectives:**

- iii. To provide understanding of Direct Taxes including rules pertaining there to and their application to different business situations.
- iv. To understand principles underlying the Goods and Service tax

### **III. Organizational Behavior and Work Culture**

**Aim:** Provides the students knowledge about fundamentals of Organizational Behavior and its various Theories

**Objectives:**

- i. To make the students understand various concepts of organization behavior
- ii. To provide in depth knowledge about process of formation of group behavior in an organization set up

### **IV. Marketing Management**

**Aim:** This Course aims to acquaint the students with the basics of marketing to make them understand the consumer behavior and buying motives

**Objectives:**

- i. To develop an idea about marketing and its functions
- ii. To enhance the students on consumer behaviour
- iii. To familiarize students about product and its classifications
- iv. To make them understand pricing policies
- v. To introduce the concept of sales forecast

## **I. Business Legislations**

**Aim:** It aims to acquaint students with basic concepts, terms, provisions and application of business laws.

**Objectives:**

- iv. The student will well verse in basic provisions regarding legal frame work governing the business world.
- v. To know the students with the basic concepts, terms & provisions of Mercantile and Business Laws.
- vi. To develop the awareness among the students regarding these laws affecting trade business, and commerce.

## **II. Human Resource Planning & Development**

**Aim:** It aims to familiarize the students with the human recourses development, the development human capacity, which help them to develop their attitudes and knowledge.

**Objectives:**

- i. To provide an idea about HRD, its concepts and its functions.
- ii. To enable the students to understand training and development and various life skills.
- iii. To create an awareness regarding human resource audit

## **III. Research Methodology**

**Aim:** The aim of this course is acquaint the students with the areas of Business Research Activities.

**Objectives:**

- i. To enhance capabilities of students to conduct the research in the field of business and social sciences.
- ii. To enable students, in developing the most appropriate methodology for their research studies.
- iii. To make them familiar with the art of using different research methods and techniques.

## **IV. International Marketing**

**Aim:** This Course aims to acquaint the students with the basics of marketing to make them understand the consumer behavior and buying motives at global level.

**Objectives:**

- i. To study the theories of International Trade.
- ii. To highlight the trends and challenges faced by nations in a challenging global environment.

## **V. Entrepreneurship Development (Service Course)**

**Aim:** To meet the growing needs of the business society, there is greater demand for sound development of commerce education. The Commerce education is dedicated to developing tomorrow's leaders, managers, and professionals.

**Objectives:**

- iv. To understand the concept of Business Environment and its aspects
- v. To make students aware about the Business Environment issues and problems of Growth
- vi. To examine personality competencies most common to majority of successful entrepreneurs and to show how these competencies can be developed or acquired

## **M.Com IInd Year IVth Semester**

### **I. Quantitative Techniques**

**Aim:** This course aims to acquire the basic knowledge of decision making and its analysis using various quantitative techniques.

**Objectives:**

- v. Prepares students to learn to apply commonly used mathematics concepts and statistical methods in business context and how to interpret analyses performed by others.
- vi. Equips the students with a broad based knowledge of mathematics with emphasis on business application.

## II. Security Analysis

**Aim:** This course is intended to familiarize the students with capital market operations in India.

**Objectives:**

- i. To enable students to acquire sound knowledge, concept and structure of capital market and financial services.
- ii. Students get opportunities to explore many career paths like investment and portfolio management, stock market, security analysis, mutual fund and capital market analysis, accounting field, financial field etc.
- iii. To introduce the concept of Capital Market
- iv. To familiarize the concept of lease financing venture Capital and Mutual Fund

## III. Research Project

**Aim:** Students will be able to do their higher education and can make research in the field of finance and commerce.

**Objectives:**

- iii. To acquaint students with significance of research in business.
- iv. e. To impart skills regarding methods of data collection and their interpretations.

## IV. Advertisement

**Aim:** The aim of this course is to expose students to the Advertising Basics and the various methodologies to develop, implement and measure the effects of advertisement.

**Objectives:**

- iv. Creates understanding of the construction of effective advertisement.
- v. Highlights the role of advertising for the success of brands and its importance within the marketing function of the company.



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**Department of Zoology**

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**Course Outcomes**

**F.Y. B.Sc.**

**Semester I**

**Paper I- Protozoa to Annelida**

Upon completion of the course, the students will be able to:-

**CO1:** Identify animals by observation

**CO2:** Describe unique characters of Protozoa, Porifera, Coelenterate, Helminthes and Annelids

**CO3:** Explain life functions of Protozoa, Porifera, Coelenterate, Helminthes and Annelids

**CO4:** Describe ecological role of phylum Protozoa, Porifera, Coelenterata, Helminthes and Annelida

**CO5:** Identify diversity from Protozoa, Porifera, Coelenterate, Helminthes and Annelids

**Paper II- Cell Biology**

Upon completion of the course, the students will be able to:-

**CO1:** Describe in detail the structure of cell

**CO2:** Describe function and the composition of the plasma membrane

**CO3:** Explain principles of the cell theory

**CO4:** Differentiate between prokaryotes and eukaryotes

**CO5:** Understand importance of the nucleus and its components

**CO6:** Understand how the endoplasmic reticulum and Golgi apparatus interact with one another and know with which other organelles they are associated

**CO7:** Identify three primary components of the cell's cytoskeleton and how they affect cell shape, function, and movement

**Semester II**

**Paper IV- Arthropoda to Echinodermata and Hemichordata**

Upon completion of the course, the students will be able to:-

**CO1:** Identify animals by observation

**CO2:** Describe unique characters of Arthropods, Mollusks, Echinoderms and Hemichordates

**CO3:** Explain life functions of Arthropods, Mollusks, Echinoderms and Hemichordates

**CO4:** Explain ecological role of phylum from Arthropoda to Hemichordata

**CO5:** Explain in detail diversity from Arthropods to Hemichordate

### **Paper V- Genetics – I**

Upon completion of the course, the students will be able to:-

**CO1:** Describe chemical basis of heredity

**CO2:** Explain role of genetics in evolution

**CO3:** Evaluate conclusions that are based on genetic data

**CO4:** Find the results of genetic experimentation in animals

## **S.Y. B.Sc.**

### **Semester III**

### **Paper VII- Vertebrate Zoology**

Upon completion of the course, the students will be able to:-

**CO1:** Describe unique characters of urochordates, cephalochordates and fishes

**CO2:** Recognize life functions of urochordates to fishes

**CO3:** Explain ecological role of different groups of chordates

**CO4:** Explain the diversity of chordates and describe unique characters of amphibians, reptiles, aves and mammals

**CO5:** Describe life functions of amphibians, reptiles, aves and mammals

**CO6:** Explain ecological role of different classes of vertebrates

### **Paper VIII- Genetics - II**

Upon completion of the course, the students will be able to:-

**CO1:** Explain in detail gene expression and its behaviour in transformation

**CO2:** Describe the role of genetics in evolution

**CO3:** Evaluate conclusions that are based on genetic data in population genetics

**CO4:** Describe genetic diseases and disorders

**CO5:** Explain the techniques that are used in genetic engineering

## Semester IV

### Paper XI- Animal Physiology

Upon completion of the course, the students will be able to:-

- CO1:** Describe in detail the physiology at cellular and system levels
- CO2:** Explain the role of different bio-molecules
- CO3:** Explain how mammalian body get nutrition from different bio-molecules
- CO4:** Describe the functions of different systems
- CO5:** Describe the physiology of respiratory, renal, endocrine and reproductive systems to define normal and abnormal functions

### Paper XII- Biochemistry and Endocrinology

Upon completion of the course, the students will be able to:-

- CO1:** Describe in detail the metabolism of carbohydrates, proteins, fats
- CO2:** Explain the fundamental biochemical principles
- CO3:** Describe basic laboratory techniques in biochemistry
- CO4:** Describe the structure and function of endocrine glands
- CO5:** Explain the role of hormones



## **T.Y. B.Sc.**

### **Semester V**

#### **Paper XV- Ecology**

Upon completion of the course, the students will be able to:-

**CO1:** Describe abiotic and biotic factors that affect, the distribution, dispersal, and behaviour of organisms

**CO2:** Identify factors that affect biological diversity and the functioning of ecological systems

**CO3:** Use an ecological vocabulary in arguments and explanations of ecological phenomena

**CO4:** Apply concepts and theories from biology to ecological examples

**CO5:** Analyse and interpret ecological information, research and data

#### **Paper XVI-F- Biotechnology-I**

Upon completion of the course, the students will be able to:-

**CO1:** Describe the use of genetically engineered products to solve environmental problems

**CO2:** Explain principles for the basis of recombinant DNA technology

**CO3:** Explain steps involved in the production of by-products and methods to improve modern biotechnology and can apply basic biotechnological principles, methods and models to solve biotechnological tasks

### **Semester VI**

#### **Paper XIX- Evolution**

Upon completion of the course, the students will be able to:-

**CO1:** Describe evolutionary history of man

**CO2:** Describe origin of species on earth

**CO3:** Have an enhanced knowledge and appreciation of evolutionary biology and behavior



**CO4:** Perform, analyse and report on experiments and observations in whole-organism biology

**CO5:** Gain information regarding animal classification and systematic, animal structure and function relationships, evolution between and within major animal groups, human evolution and animal reproduction and development

**Paper XX-F- Biotechnology-II**

Upon completion of the course, the students will be able to:-

**CO1:** Demonstrate ability to apply research strategies like contamination and sterilization of laboratory in cell culture

**CO2:** Explain technical skills necessary for supporting biotechnology research activity in tissue culture and transgenic animal methods

**CO3:** Explain applications of biotechnology

**CO4:** Describe Gene therapy and DNA fingerprinting

**CO5:** Demonstrate knowledge of biotechnology concepts in ex vivo, in vivo gene therapy to diagnosis human diseases



**B.Sc.: Botany**

**Programme Specific Outcomes**

At the time of graduation, the students will be able to-

- PSO1:** Understand the basic concepts of taxonomy and ecology
- PSO2:** Acquire knowledge about economics and medicinal plants in agriculture and medicine
- PSO3:** Analyze the relationship between plants and microbes
- PSO4:** Understand the biology of diversity of seed plants or phanerogams
- PSO5:** Understand behaviours of fossils and gymnosperm plants
- PSO6:** Understand plant diseases, chemical properties and evolutionary relationship among taxonomic groups



## **Course Outcomes**

### **B. Sc. First Year**

#### **Paper I- Diversity of Cryptogams-I**

Upon completion of the course, the students will be able to-

**CO1:** Identify various types of plants in kingdom Plantae

**CO2:** Identify Cryptogams

**CO3:** Identify various types of Algae

**CO4:** Describe various types of bacteria

**CO5:** Describe various types of fungi

**CO6:** Identify various types of viruses

#### **Paper II- Morphology of Angiosperms**

Upon completion of the course, the students will be able to-

**CO1:** Describe various types of habitat habit and morphological characters

**CO2:** Identify various types of root, stem and leaves

**CO3:** Identify various types of inflorescence and flowers

**CO4:** Identify various types of fruits

**CO5:** Describe modifications of roots stems and leaves

#### **Paper V- Diversity of Cryptogams-II**

Upon completion of the course, the students will be able to-

**CO1:** Describe Cryptogams

**CO2:** Describe characteristic feature of Bryophytes

**CO3:** Describe Characteristic feature of Pteridophytes

**CO4:** Identify various types of Bryophytes

**CO5:** Identify various types of Pteridophytes

#### **Paper VI - Histology, Anatomy and Embryology**

Upon completion of the course, the students will be able to-

**CO1:** Describe various types of tissues

**CO2:** Describe anatomical characters of monocot and dicot plants

**CO3:** Describe various types of ovules

**CO4:** Describe vascular elements in tissues

## **B. Sc. Second Year**

### **Paper IX- Taxonomy of Angiosperms**

Upon completion of the course, the students will be able to-

- CO1:** Describe various Classification Systems of plants
- CO2:** Describe characteristics of various angiosperm families
- CO3:** Describe various taxonomic terminologies
- CO4:** Describe importance of plant studies
- CO5:** Describe various tools used in taxonomy

### **Paper X- Plant Ecology**

Upon completion of the course, the students will be able to-

- CO1:** Describe importance of plant studies
- CO2:** Describe various terminologies used in ecology
- CO3:** Describe soil structure and soil types
- CO4:** Describe various methods of conservation
- CO5:** Describe ecological adaptations in plants

### **Paper XIII- Gymnosperms and Utilization of plants**

Upon completion of the course, the students will be able to-

- CO1:** Differentiate angiosperm and gymnosperm
- CO2:** Describe the characteristic feature of gymnosperm plants
- CO3:** Describe economic importance of cereals pulses
- CO4:** Describe importance of timber plants
- CO5:** Describe medicinal values of plants
- CO6:** Describe uses of plants and their parts in various industries

### **Paper XIV- Plant Physiology**

Upon completion of the course, the students will be able to-

- CO1:** Describe various physiological processes of plants
- CO2:** Describe photosynthesis
- CO3:** Describe transpiration
- CO4:** Describe respiration
- CO5:** Describe stomata and functions of stomata
- CO6:** Describe osmosis

## **B. Sc. Third Year**

### **Paper XVII- Cell & Molecular Biology**

Upon completion of the course, the students will be able to-

- CO1:** Describe Cell and cell structure
- CO2:** Describe molecular basis of cell
- CO3:** Describe various types of cells
- CO4:** Describe mitosis and meiosis
- CO5:** Identify various cell organelles
- CO6:** Describe various stages of cell division

### **Paper XVIII (A) - Diversity of Angiosperms-I**

Upon completion of the course, the students will be able to-

- CO1:** Describe various Classification Systems of plants
- CO2:** Describe variations among angiosperm families
- CO3:** Describe various types of keys used for plant identification
- CO4:** Describe various floral characters of angiosperm families
- CO5:** Describe importance of plant studies and uses of plants

### **Paper XXI- Genetics & Biotechnology**

Upon completion of the course, the students will be able to-

- CO1:** Describe genetics
- CO2:** Describe the basic information about gene, hybridisation and genetic material
- CO3:** Describe various genetic abnormalities
- CO4:** Describe mutation and chromosomal aberrations
- CO5:** Describe uses and applications of r-DNA technology

### **Paper XXII (A)- Diversity of Angiosperms – II**

Upon completion of the course, the students will be able to-

- CO1:** Describe characteristic feature of various families of angiosperm plants
- CO2:** Describe the importance of plants of various families
- CO3:** Describe various tools used in taxonomy
- CO4:** Describe botanical gardens, bio-reservoirs and conserved forests
- CO5:** Describe herbariums and gene banks



M.S.P. Mandals  
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B Sc computer science

First semester

Name of the paper

COMPUTER FUNDAMENTALS CS-101

Course objectives

To impart basic introduction to computer hardware components, computer numbering,

How the CPU works, fundamental about algorithms and flowchart as well as different types of software .

DIGITAL ELECTRONICS CS-102

Course objectives

To impart basic knowledge in digital logic and circuits and to introduce basic concept of data communications. Student will be able to learn basic concept of digital logic and the design of basic logic circuits using commonly used combinational and sequential circuits.

Second semester

OPERATING SYSTEM CS-201

Course objective

To introduce students the basic functioning of operating systems as resource manager and its salient

features . Also to study about process states , scheduling, memory and input output management

techniques.

PROGRAMMING IN C CS-202

Course objectives

To expose students to algorithmic thinking and problem solving and impart moderate skills in programming using C language in a industry standard. Introduce students to learn basic features , create , execute simple C programs using conditional statements , loops and arrays.

Third semester

### DATA STRUCTURE CS08

Course objectives

To introduce basic terminology data items , fields , records , entity ,attributes , introduce arrays

To imparts basic knowledge about representation of linear arrays , traversing , insertion and deletion

Basic concept of linked list representation of linked list in memory sorted and unsorted basic concept of stacks , queues recursion.

### ADVANCE C PROGRAMMING CS09

Course objectives

To introduce swapping of numbers by using call by reference , file copy program , program to sort names , program on macro substitution , program for data conversion .

Forth semester

### DBMS USING SQL CS012

To introduce basic concept of types of data , data modeling and design , entity relationships data model , relational data model ,relational algebra to introduce to oracle SQL / ISQL ,SQL plus work sheet.

### C ++ CS013

Course objectives

To introduce swapping of numbers bu using call by value program to pass array to function ,program for reading writing text file , program using command line arguments ,program to draw simple pictures.

## **Fifth semester**

### **SOFTWARE ENGINEERING CS-015**

To introduce characteristics of software , categories of software , software process basic concepts to software process and process models ,introduction to agility extreme programming , XP values to introduce communication principles , planning principles ,modelling principles.

### **VB.NET CS-016**

#### **Course objectives**

Introduction to .NET and .NET framework , difference between CUI and GUI , general properties ,

Events handling events like mouse , types of forms MDI , track bars , pickers , timer ,data members ,

Modules , properties , event.

#### **Sixth semester**

### **DATA COMMUNICATION AND NETWORKING CS-019**

Introduce to network technology , LAN , WAN , MAN, internet . Ethernet data cable Coaxial cable

Fibre optics cable twisted pair cable protocols packet switching.

### **CYBER LAW CS -020**

#### **Course objectives**

To introduce basic concept of technology and law , understanding the technology of internet , scope of cyber laws the system of digital signatures. The role and function of certifying authorities . issues

In E business management . ICT amendment act , 2008





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**Department of Physics**

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**B.Sc. physics first year: I & II**

Name of the paper:

MECHANICS AND PROPERTIES OF MATTER

- To understand the basic concept of fundamental of mechanics, properties of matter and electrostatics.
- To understand the basic ideas of harmonic oscillation.

HEAT AND THERMODYNAMICS

- To educate the zero first, second law of thermodynamics and basic ideas of entropy .
- Understand the thermodynamics description of the ideal gas.

ELECTRICITY AND MAGNETISM

- To explain the working of galvanometer.
- To apply Gauss's law of electrostatics to solve a variety of problem.

WAVES AND OSCILLATION

- To study the concept of waves and different types of waves.
- To learn how does the body oscillate without damping amplitude and what are the necessary condition for it.

**B.Sc. physics second year: III & IV**

Name of the paper

MATHEMATICAL AND STATISTICAL PHYSICS

- To study the basic ideas of scalar and vector.
- To study integration and differentiation.

MODERN AND NUCLEAR PHYSICS

- To explain different types of law and its application
- To study X-rays , nuclear forces particle, accelerator and detector

## GENERAL ELECTRONICS

- To study basic concept of amplifier, oscillators.
- To explain the actual meaning of modulation and demodulation.

## SOLID STATE PHYSICS

- Students will able to study differences between crystalline and amorphous material ,crystal structure.
- Students will understand Bragg's diffraction ,its law ,basics of SSP .

### **B.Sc. third year: V & VI**

Name of the paper

## CLASSICAL AND QUANTUM MECHANICS

- To explain the basic mechanical concept and their application in daily life .
- To study the motion of a body ,equation of motion
- Students will learn Lagrangian and Hamiltonian formulation.

## ATOMIC AND MOLECULAR PHYSICS

- Students learn how to find out interaction energy from different coupling schemes .
- To educate molecular spectroscopy .

## NON CONVENTIONAL ENERGY SOURCES AND OPTICAL FIBER

- To study different types conventional and non- conventional energy sources .
- To give the information about photo voltaic system and optical fiber.
- To study the concept of Laser, its working principal and its application.



M.S.P. Mandals  
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**Department of Chemistry**

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### **B.Sc. chemistry first year: I & II**

Name of the paper:

#### INORGANI CHEMISTRY

- To educate studenton topics periodic classification of element and chemical bonding.
- To educate the advanced topic of inorganic chemistry like s-block element,p-block element

#### ORGANIC CHEMISTRY

- To educate students on basic organic chemistry saturated and unsaturated hydrocarbons along with introduction to different types of reaction.
- Understand good laboratory practices and sefty.

#### PHYSICAL CHEMISTRY

- To impart knowledge on states of matter solid liquid and gaseous states.
- To impart understanding on advanced topics reaction dynamics and non equilibrium thermodynamics.

### **B.Sc. chemistry second year: III & IV**

Name of the paper

#### ORGANIC CHEMISTRY

- To study the differents types of functional group and their physical and chemical properties.
- To provide oppportunity and experience of presenting seminar in topics related to theory.

#### PHYSICAL CHEMISTRY

- To impart basic understanding to thermodynamics and chemical equilibrium..
- Students will gain an understanding of the application of mathematical tools to calculate thermodynamics, the derivation of rate vequation of mechanistic data.
- To educate students on the topics phase equilibrium and electrochemistry.

#### INORGANIC CHEMISTRY

- To study the chemistry of elements in periodic table , co-ordination chemistry.
- To explain extraction , properties and uses of transition element.

## **B.Sc. third year: V & VI**

Name of the paper

### PHYSICAL CHEMISTRY

- It studies the reaction and properties of matter on a molecular and atomic level along with focusing on how chemical reaction occur .
- It studies the microscopic and particulate phenomenon in chemical system .

### ORGANIC CHEMISTRY

- To impart advanced knowledge on organic reaction and spectroscopy.
- To educate on advanced topics of heterocyclic compound, biomolecule and their chemical synthesis.

### INORGANIC CHEMISTRY

- To study advanced topics of co-ordination chemistry, electronic spectra of transition metal complex .



M.S.P. Mandals  
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**Department of Mathematics**

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B Sc Mathematics

First semester

Name of the paper

DIFFERENTIAL CALCULUS MAT-101

Understand the consequences of various mean value theorems for differentiable functions.

Calculate the limit and examine the continuity of a function at a point

DIFFERENTIAL EQUATIONS MAT-102

Understand the genesis of ordinary differential equations. formulate mathematical models in the form of ODE. To understand exact differential equations. The homogeneous linear equations the symbolic functions.

Second semester

INTEGRAL CALCULAS MA-201

Apply multivariable calculus in optimization problems. Realize importance of green , gauss and stokes theorems.

GEOMETRY MAT -202

Equations of the first degree in  $x,y,z$ . Definition and equation of the sphere, The right circular cone, equation of right circular cylinder. The length of equation of the line. Condition that a plane may touch a central conicoid.

Third semester

NUMBER THEORY MAT-301

To understand divisibility theory in the integers . The fundamental theorems of arithmetic . To understand fermat's theorem . Euler phi function.

INTEGRAL TRANSFORM MAT-302

To understand basic about euler's integral . beta and gamma function , Infinite fourier transform of Functions. Finite fourier sine transform.

### MECHANICS MAT-303

To understand about particle , rigid body . To understand triangle law of forces , to learn about centroid of weighted points , to impart centre of gravity of some uniform bodies.

Forth semester

### NUMERICAL METHODS MAT-401

To understand the bisection method . To understand the finite , forward , central differences. To study about Newton's formula , Hermite's interpolation formula. To study about eigenvalues of a symmetric matrix.

### PARTIAL DIFFERENTIAL EQUATIONS MAT -402

Learn conceptual variations while advancing from one variable to several variables in calculus . To apply multivariable calculus in optimization problems . Equations that can be integrated by inspection, Monge's method.

### MECHANICS MAT -403

To study about velocity and acceleration in terms of vector derivatives, conservation of linear momentum , Areal velocity in central orbit , apses law of force.

Fifth semester

### ANALYSIS - I MAT -501

To understand convergence and divergence , series with non negative terms , Alternating series , To study about limit in metric space . to understand continuous function on metric space .

### ABSTRACT ALGEBRA I MAT-502

To learn fundamental properties and mathematical tools such as closure , identity , inverse and generator . To enhance abstract thinking of students.

### MATHEMATICAL STATISTICS MAT-503

To learn construction and graphical representation of frequency distribution , To study histogram , frequency of polygon , to study arithmetic , geometric , harmonic mean.

Sixth semester

## ANALYSIS II MAT -601

To learn connectedness compactness and completeness . To study about bounded sets . To study about complete metric space , properties of Riemann integral. To study about fourier series.

## ABSTRACT ALGEBRA II MAT-602

To study the algebraic structure ring in detail through various example. To learn the construction of field of quotients of an integral domain. To study the rings of polynomials and its factorization over a field.



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**Department of Mathematics**

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B Sc Mathematics

**B.Sc. II year- Semester III Paper VIII. Immunology**

**CO1:** To study the significance of normal flora, normal defensive mechanism of host, virulence factors of microorganisms and process of infection.

**CO2:** To understand the types of immunity and their mechanism, general methods of prophylaxis.

**CO3:** To understand the immunological concepts with reference to antigens, antibody and antigen- antibody reaction.

**Paper XI. Applied Microbiology.**

**CO1:** To understand the composition of milk, sources of microorganisms in milk, desirable and undesirable changes brought by microorganisms in milk, diseases spread by milk, microbiological examination of milk.

**CO2:** To understand sterilization and pasteurization of milk.

**CO3:** To understand the groups of microorganisms in food, principles of food preservation, microbial spoilage of canned and non- canned foods, food borne diseases, intoxication, fermented foods and probiotics.

**B.Sc. II year- Semester IV Paper XII. Clinical Microbiology.**

**CO1:** To understand concepts in etiology, pathogenesis laboratory diagnosis, epidemiology, prophylaxis, chemotherapy of human diseases caused by bacteria, viruses, fungus and protozoa.

**CO2:** To understand diseases caused by microbes such as tuberculosis, syphilis, malaria, typhus fever, candidiasis, typhoid, and cholera, infection caused by *Staphylococcus aureus*, *Streptococcus pneumoniae*, HIV, Hepatitis virus, and oncogenic viruses.

**B.Sc. III year- Semester V Paper XV. Microbial Genetics**

**CO1:** To understand and apply the principles and techniques of molecular biology which prepares students for further education and employment in teaching, basic research, or the health professions.

**CO2:** To study core molecular genetics and concepts including molecular biology, genetics, cell biology and physiology.



**B. Sc. I year - Semester I Paper II. Microbiological Techniques and General Microbiology**

- CO1:** To understand different microbes and microbial techniques.
- CO2:** To exploit useful microorganisms and the control the harmful ones.
- CO3:** To isolate microorganisms in pure form and understand the significance of pure culture.
- CO4:** To understand the methods of cultivation and preservation of microbial cultures.
- CO5:** To understand and use methods of visualizing microorganisms and practical aspects of sterilizing techniques.

**B. Sc. I year- Semester II Paper V. Cytology and General Microbiology**

- CO1:** To identify and describe the parts of a bacterial cell.
- CO2:** To demonstrate the function of each bacterial cell structure.
- CO3:** To understand the types of nutrients used by microorganisms for growth and metabolism.

**B. Sc. I year- Semester II Paper VI. Basic Biochemistry**

- CO1:** To study microorganisms.
- CO2:** To understand the basic concepts of biochemistry.
- CO3:** To understand carbohydrates, lipids, proteins, nucleic acids, pH and buffers.

**B.Sc. II year- Semester III Paper VII. Environmental Microbiology.**

- CO1:** To understand the significance of air pollution, air sanitation, air as carrier of microorganism and significance of air flora in human health, hospitals and industries.
- CO2:** To determine the sanitary quality of water.
- CO3:** To understand the indicators of fecal pollution and methods to sanitize potable water.
- CO4:** To understand sewage treatment and disposal.

**B. Sc. III year- Semester V Paper XVI. Microbial Metabolism.**

**CO1:** To understand the basic concepts of metabolism and free energy.

**CO2:** To introduce learners with types of energy yielding metabolism, comparative account of fermentation, respiration and photosynthesis.

**CO3:** To aware the students of pathways of carbohydrate fermentation.

**CO4:** To familiarize students with basic concepts of action, functioning and inhibition of enzymes.

**CO5:** To understand the aspects of aerobic respiration, biosynthesis of nucleotides, catabolism of unsaturated fatty acids and nucleic acids.

**B.Sc. III year- Semester VI Paper XIX. Recombinant DNA technology**

**CO1:** To understand core molecular genetics concepts including molecular biology, genetics, cell biology and physiology.

**CO2:** To demonstrate working knowledge in a defined skill set of molecular biology and biotechnology protocols including PCR, plasmid isolation, gene isolation, cloning and DNA sequencing.

**B. Sc. III year- Semester VI Paper XX. Industrial Microbiology.**

**CO1:** To acquaint with historical events in industrial microbiology, design of a fermenter, IP and WHO standards of sterility.

**CO2:** To familiarize learners with screening methods, preservation of industrial strain, strain improvement methods, inoculum and fermentation medium development.

**CO3:** To make aware of different typical fermentations such as penicillin, vitamin B12, L-Lysin, ethyl alcohol, citric acid, amylase and Baker's yeast.



Co-ordinator  
Internal Quality Assurance Cell  
Yeshwantreo Chavan College  
Ambajogai



**PRINCIPAL**  
Yeshwantreo Chavan College  
Ambajogai