



Jayprakash Education Society's
DR. BABASAHEB AMBEDKAR MAHAVIDYALAYA

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(Affiliated to Shivaji University, Kolhapur)



Founder Chairman : **Hon. Adv. Nanasahab S. Mane**
B.A., LL.B., EX.MLA

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M.A., M.Phil

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Ref.: J/BAC/202 -202 /

Date :

2.6.1

Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Sr. No	Particular
1	Preamble
2	Programme Outcome (PO)
3	Programme Specific Outcome (PSO)
4	Course Outcome (CO)




Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon, Dist. Kolhapur, Maharashtra

PREAMBLE :

Dr. Babasaheb Ambedkar Mahavidyalay Peth Vadgaon, has clear vision about outcome-based education process in accordance with UGC guidelines. Learning outcomes of the programs and courses are highlighted and made aware to the students in the the induction ceremony –cum-orientation programme at the beginning of the session. Moreover, it inculcates employability and entrepreneurial skills in the students. The importance of the learning outcomes has been discussed and communicated to the teachers. The curricula under CBCS have been strengthened with the introduction of OBE and the courses have been reinforced with desirable outcomes. course outcomes are assessed at the completion of each course and the programme outcomes are measured at the time of completion of the programme. OBE enriches the courses offered in each programme, equips the teachers with knowledge and skill and empowers the learners with attainable outcomes of the programme. It develops the optimistic attitude in the the learners towards vertical development in their future endeavors.

Programme Outcome (PO)

PROGRAMME OUTCOMES

1. BACHELOR OF ARTS (B. A.)

Graduates of this degree will be knowledgeable on following points on completion.

They will be able to:

Cognitive skills:

- Understand knowledge in the field of Humanities, Social Sciences and Environmental issues.
- Develop social, political, historic, economic and literary consciousness and will be better able to appreciate different civilizations, culture.
- Cultivate the sensibility to discern the evolution of civilizations and cultures.
- Up to date with contemporary developments and develop a sociological sensibility to critically understand the social phenomena that affects their lives.
- Learn three languages along with three major subjects.
- Have advanced reading, writing, speaking, interpretive and composition skills in three languages.
- Use communication and soft skills.
- Speak, read, write and listen clearly in person and through electronic media in English and in one/two Indian language/s, and make meaning of the world by connecting people, ideas, books, media and technology.
- Elicit views of others, mediate disagreements and help reach conclusions in group settings.
- Take informed actions from different perspectives.

Employability:

- Become eligible for employment in tourism, media, hospitality, and other industries.
- Become employable in non-governmental organizations.
- Places them in ideal situation for such jobs.
- Equips them to clear competitive exam conducted for public sector jobs.
- Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Values:

- Appreciate the literary and cultural diversity.
- Think critically about the issues of contemporary relevance and hold an informed opinion on them.
- Cultured and good citizen of India.
- Understand fundamental values of Indian Constitution.
- Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

2. BACHELOR OF COMMERCE (B. COM.)

Graduates of this degree will be knowledgeable on following points on completion. They will be able to:

Cognitive Skills:

- Understand knowledge in the field of Commerce, Management, Banking, Entrepreneurship and Environmental issues.
- Analyse organisational problems and generate realistic solutions based on current academic research in organisational behaviour.
- Demonstrate a knowledge of macroeconomic and microeconomic theories as it relates to markets, firms, government policies, and resource allocation.
- Apply basic mathematical and statistical skills necessary for analysis of a range of problems in economics, actuarial studies, accounting, marketing, management and finance
- Compare and analyse international contexts and issues through lens of Commerce discipline.
- Evaluate national debates and discussions on economic, commercial, and business issues.
- Critically evaluate new ideas, research findings, methodologies and theoretical frameworks in a specialized field of Commerce.
- Understand the principles and practices of management, marketing and entrepreneurship.
- Face the changing environment of business in the process of LPG.
- Understand the concepts in Insurance, Banking, Marketing and e-Commerce.
- Use communication and soft skills.
- Speak, read, write and listen clearly in person and through electronic media in English and in one/two Indian language/s, and make meaning of the world by connecting people, ideas, books, media and technology.
- Elicit views of others, mediate disagreements and help reach conclusions in group settings.
- Take informed actions from different perspectives.

Employability:

- Become eligible for employment in Banking, Corporate sector, tourism, media, hospitality, and other industries.
- Become employable in governmental and non-governmental organizations.
- Equips them to clear competitive exams conducted for public/private sector jobs.
- Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Values:

- Recognize and understand the ethical responsibilities of individuals/organisations in society.
- Understand principles of marketing.
- Think critically about the issues of contemporary relevance and hold an informed opinion on them.
- Understand fundamental values of Indian Constitution and cultured and good citizen of India.
- Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

3. Bachelor of Computer Application (BCA) Programme

- To provide skilled manpower to the professional, industrial and service sectors to meet global demands and also to provide intellectual leadership to the community.
- To help and promote the cultural heritage of the nation and preserve the environmental sustainability and quality of life.

Employability:

- To attract young minds in order to bring out the already in computer hardware, software and networks.
- To inculcate logical thinking amongst the young minds.
- To be a foundation graduate Programme which will act as a feeder course for higher studies in the area of Computer Science/Applications? c) To develop skills in software development so as to enable the BCA graduates to take up self-employment in Indian & Global software market.
- Become a responsible citizen with leadership qualities to strengthen India's economy in the IT sector.
- Analytical and computational approaches on and face the challenges boldly.
- The student should drive scientific and societal advancement through technological innovation and become a successful entrepreneur.

Values:

- Acquire skills and information not only about Computer and Information Technology but also in communication, organization and management.
- They are well equipped with the skills of Engineering approach in software development.
- Get to learn programming languages such as C, C++, HTML, SQL, DBMS, Networking etc.
- Information about various computer applications and latest developments in IT and communication systems is also provided. They develop an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
- Apply knowledge of computing and mathematics appropriate to the discipline.
- Identify, formulate, and develop solutions to computational challenges.
- design, implement, and evaluate a computational system to meet desired needs within realistic constraints.
- function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.
- Ability to work in team and build leadership qualities.
- Importance of time in completing the projects on time.
- Will be well equipped with thorough knowledge of various softwares.

- Will be familiar with working with various operating system platforms.
- Understand the professional, ethical, legal, security, and social issues and responsibilities in computing profession.
- Analyses impacts of computing on individuals, organizations, and society.
- Recognition of the need for and ability to engage in continuing professional development.
- Will be able to choose appropriate techniques, skills, and tools necessary for
- Designing of correct models in the construction of software systems of varying complexity.




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**Programme
Specific
Outcome
(PSO)**

B. A. Programme:

1. Marathi

After completion of the programme, the students will develop ability:

- Understand and appreciate Marathi literature.
- Understand the creative process and nature of literature.
- Get interest in reading Marathi literature.
- Use formal and informal Marathi in communication.
- Understand importance of language in day-to-day life.

2. English

After completion of the programme, the students will develop ability:

- Understand variety of forms of literature, creative writing, or rhetoric.
- Know major literary writers, genres and periods.
- Make critical appreciation of English literature.
- Use communication skills in English.
- Understand the relationship between culture, history, and texts.
- Understand basic concepts in linguistics and their usage.

3. Economics

After completion of the programme, the students will develop ability:

- Understand the behavior of Indian and world economy.
- Analyse macroeconomic policies including fiscal and monetary policies of India.
- Determine economic variables including inflation, unemployment, poverty, GDP, Balance of payments using statistical methods.
- Understand the behavior of financial and money markets and perform cost benefit analysis for making investments.
- Master the general ability of analyzing economic issues and problems.

4. History

After completion of the programme, the students will develop ability:

- Study the history of various countries in the world.
- Study and interpret history objectively.
- Understand the change and impact of the revolutionary events.
- Understand the events of Indian freedom struggle and contribution of the freedomfighters to the making of modern India.
- Realize the role of social reform movements in the development of modern India.

5. Sociology

After completion of the programme, the students will develop ability:

- Understand and analyze social problems.
- Sensitive to the contemporary Indian social issues.
- Understand various social processes and the theoretical perspectives.
- Believe in social equality.
- Undertake research work in sociology.
- Suggest solutions on social problems.
- Understanding profiles of tribal, rural and urban communities.

6. Political Science

After completion of the programme, the students will develop ability:

- Understand the history of political ideology and political thoughts from ancient to the modern age.
- Understand the major political systems in the world.
- Understand the dimensions of international politics.
- Interpret the role of regional and international organization in the new world order.
- Analyze the concepts of good governance and e-governance.
- Realize the organs of government machinery and representation.
- Understand the formulation and execution of decisions and laws made by the government.

7. Geography

- The Students are known the Human development by studying these Physical branches of Geography.
- The students are understood the branches of Geography, concepts in Physical Geography and Geomorphology and Climatology in detail.
- The students are acquired knowledge about the basic and fundamental concepts of soil geography.
- The students are understood soil is key resource for the development of any country with concept, causes and controlling factors of soil erosion, soil degradation and Conservation of Soils. Along with the concept, need and methods soil of management.
- Students are known classification, characteristics and distribution of soils.
- The students are understood the Human Geography as a basic branch of Geography along with the Dichotomy, Environmentalism and possibilism.
- The students are well prepared with the knowledge of the racial groups in the world, man- environment conflict and Ecological crises. They are familiar about the World population growth, distribution and the population policies.
- The students are familiar with the fundamental concepts of oceanography, they are also known oceans are the best alternative source to the earth resources.
- Students are talented about physical and chemical properties of oceans and get detailed about types of oceanic currents and currents of Atlantic, Pacific and

Indian oceans.

- The students are individually ready to prepare graphs and diagrams of oceanic statistical data.
- The students are individually examining an impact of tourism on physical and human environments.
- The students are well acquainted with the relationship of human activities with resources at global level.
- The course matter of Urban Geography has been prepared the students for good planner and environmental Conservator.
- The students are understood the basic information about Arial Photographs, Remote Sensing, GIS and GPS.

B. Com. Programme

8. Commerce (Advanced Accountancy)

- Expose to advanced accounting issues and practices.
- Gain working knowledge of generally accepted auditing procedure, techniques & skills.
- Expose to Cost Accounting & Management Accounting.
- Obtain knowledge of various provisions of Income-Tax Act & their applications in Computations of Income of Individuals & firms under various heads of Income.

Bachelor of Computer Application Programme

- The students acquire a depth and rigorous knowledge on software development process and the milestones to be met can be immediately recruited in both (within) the country and in the global software market.
- Will also be eligible to pursue MCA, DAAD, GRE-TOFEL for MS degree.
- Learns the basic computer language
- Students will learn the concepts of computer organization by which the students should be
- Students develop the skills of Office Automation process.
- In this course the student learns several important topics of Discrete Mathematics. This includes Set theory and logic, relations, partially ordered sets, Boolean algebra and Boolean functions, analysis of algorithms, recurrence relations, finite state machines, discrete probability and graph theory.
- Master the basic concepts and appreciate the applications of database
- Familiarization with a widely used programming concept- Object Oriented Programming AND Develop logical thinking.
- Conceptualize the components involved in designing a contemporary OS.
- Develop a report that describes the model and the solving technique, analyse the results

Course

Outcome

(CO)

Compulsory Generic Elective (CGE-1)

Marathi Course-A Semester-I

पाठ्यपुस्तक – शब्दसंहिता

Course Outcom (COs)

- CO1 विद्यार्थ्यांच्या मध्ये भाषा आणि साहित्यविषयी अभिरूची निर्माण होईल.
- CO2 मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय होईल.
- CO3 विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवीमूल्यांविषयी व मराठी संस्कृतीविषयी जाणीव निर्माण होईल.
- CO4 विद्यार्थ्यांचा व्यक्तिमत्त्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी होईल.
- CO5 निबंधलेखनाच्या माध्यमातून भाषा उपयोजनाची कौशल्ये विकसित होतील.
- CO6 विद्यार्थ्यांना भाषाविषयक ज्ञानाचे आकलन आणि विश्लेषण होईल.



Discipline Specific Core (DSC-A1)

Marathi Course -1 Semester-I

पाठ्यपुस्तक – अक्षरबंध

Course Outcom (COs) :

- CO7 विद्यार्थ्यांची मराठी भाषा आणि साहित्याविषयी अभिरूची विकसित होईल.
- CO8 मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय होईल.
- CO9 विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मकता आणि उच्च मानवीमूल्यांविषयी जाणीव निर्माण होईल.
- CO10 विद्यार्थ्यांचा व्यक्तिमत्त्व विकास घडवून विविध परीक्षा आणि स्पर्धापरीक्षांची पूर्वतयारी करून घेता येईल.
- CO11 चित्रपट आणि प्रसारमाध्यमे यांच्या लेखन आणि उपयोजनाच्या आकलनाचा अवकाश वाढतील.
- CO12 कथा वाग्मय प्रकाराची ओळख होईल.

Compulsory Generic Elective (CGE-2)

Marathi Course-B Semester-II

पाठ्यपुस्तक – शब्दसंहिता



Course Outcom (COs) :

- CO13 विद्यार्थी मराठी भाषा आणि साहित्याविषयी सजग होतील.
- CO14 विद्यार्थी मराठीतील साहित्य परंपरा, लेखक, कवी यांची माहिती सांगतील
- CO15 विद्यार्थी संत कवींबद्दल माहिती सांगतील
- CO16 विद्यार्थी काव्य प्रवाहांबद्दल माहिती सांगतील.
- CO17 विद्यार्थी आधुनिक कवितेबद्दल सविस्तर माहिती देतील.
- CO18 विद्यार्थी निबंधाचे घटक, प्रकार, वैशिष्ट्ये व प्रात्यक्षिकासह निबंध लिहितील

Discipline Specific Core (DSC-A1)

Marathi Course -2 Semester-II

पाठ्यपुस्तक – अक्षरबंध

Course Outcom (COs) :

- CO19 विद्यार्थी मराठी भाषा आणि साहित्याविषयी सजग होतील.
- CO20 विद्यार्थी मराठीतील साहित्य परंपरा, लेखक, कवी यांची माहिती सांगतील
- CO21 विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण होईल.
- CO22 विद्यार्थी कवी लोकनाथ यशवंत यांच्याबद्दल सविस्तर माहिती देतील.
- CO23 विद्यार्थी विद्यार्थी नाटक, चित्रपट यांचे परीक्षण करतील. विद्यार्थी बातमी, अग्रलेख लिहितील.



Discipline Specific Core (DSC-C1)

Marathi Course -3 Semester-III

साहित्यकृती : देवबाभळी (नाटक)

प्राजक्त देशमुख, पॉप्युलर प्रकाशन मुंबई, २०१८

Course Outcom (COs) :

- CO24 नाटक वाङ्मयप्रकाराचे आकलन करून घेता येईल.
- CO25 समकालीन नाटकातून नाटककाराच्या समकालाचे प्रतिबिंब कशाप्रकारे प्रकट होते याचा अभ्यास करता येईल.
- CO26 नाट्याभ्यासाद्वारे प्रयोगरूप नाटक व नाट्यक्षेत्रातील ज्ञानसंपादनास चालना मिळेल.
- CO27 नाट्याभ्यासातून सभ्यता, संस्कृती, राष्ट्रीय एकात्मता व बंधुता वाढीस लागेल.
- CO28 विद्यार्थ्यांना नाटक या वाङ्मय प्रकारचे ज्ञान होईल.
- CO29 विद्यार्थ्यांच्यात संवादलेखन कौशल्ये विकसित होईल.

Discipline Specific Core (DSC-C2)

Marathi Course -4 Semester-III

साहित्यकृती : पक्ष्यांचे लक्ष थवे (ना.धो.महानोर) पॉप्युलर प्रकाशन, मुंबई.

Course Outcom (COs) :

- CO30 मराठी काव्यपरंपरा व प्रवाहांची ओळख पटेल.
- CO31 मराठी काव्यातून प्रकट होणारे माणूस आणि समाजातील परस्परसंबंधशोधता येतील.
- CO32 कवितेच्या कलात्मक आकृतिबंधाचे मोल अभ्यासता येतील.
- CO33 काव्यप्रवाहानुरूप काव्यलेखनाचे विशेष अभ्यासता येतील.
- CO34 विद्यार्थ्यांना निसर्गविषयक कविता अभ्यासता येईल.
- CO35 प्रात्यक्षिकाद्वारे काव्यलेखन कौशल्ये रुजतील.

Discipline Specific Core (DSC-C25)

Marathi Course -5 Semester-IV

साहित्यकृती : चांदण्यात भिजायचं राहून जाऊ नये म्हणून (ललितगद्य)

आ.ह.साळुंखे, लोकायत प्रकाश, सातारा.



Course Outcom (COs) :

- CO36 ललितगद्य यावाङ्मयप्रकाराची ओळख होईल.
- CO37 इतर वाङ्मयप्रकार आणि ललितगद्य यातील अभिव्यक्तीरूपांचा अभ्यास होईल.
- CO38 ललित लेखकाच्या व्यक्तिमत्त्वाची जडणघडण आणि त्याचा समकाल जाणून घेता येईल.
- CO39 वेगळ्या भारतीय प्रांतातील व परदेशातील जीवनदर्शन समजून घेता येईल.
- CO40 ललित साहित्याचे स्वरूप लक्ष्यात येईल.
- CO41 ललित लेखनकौशल्ये विकसित होतील.

Discipline Specific Core (DSC-C26)

Marathi Course -6 Semester-IV

साहित्यकृती : बनगरवाडी (कादंबरी)

व्यंकटेश माडगूळकर, मौज प्रकाशन, मुंबई.

Course Outcom (COs) :

- CO42 कादंबरी या वाङ्मयप्रकाराची ओळख होईल.
- CO43 समकालीन कादंबरीतील नव्या अवकाशाचा शोध घेणे व आधुनिकतेमधील अंतर्विरोध समजेल.
- CO44 मानवीमूल्यांविषयी जाणीव निर्माण होईल.
- CO45 कादंबरीतून संस्कृतीवर व समाजजीवनावर प्रकाश पडला आहे काय जाणता येईल.
- CO46 कादंबरी लेखनाचे विशेष अभ्यासता येणार.
- CO47 आस्वादाची कौशल्ये रुजतील.

Discipline Specific Core (DSC-E1)

Marathi Course -7 Semester-V

साहित्यविचार



Course Outcom (COs) :

- CO48 पौर्वात्य काव्यशास्त्राची ओळख होईल.
 - CO49 पाश्चात्य व आधुनिक भारतीय साहित्याचा परिचय होईल
 - CO50 ललित व ललितेतर साहित्याचे स्वरूप समजू शकेल.
 - CO51 काव्याची लक्षणे आणि प्रयोजने समजतील.
 - CO52 साहित्याची निर्मितीप्रक्रिया आणि स्वरूप जाणून घेता येईल.
 - CO53 भाषेचे 'अलंकार' समजतील.
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Discipline Specific Core (DSC-E2)

Marathi Course -8 Semester-V

मराठी भाषा व भाषाविज्ञान

Course Outcom (COs) :

- CO54 आधुनिक भाषाविज्ञानाचा परिचय होईल.
 - CO55 भाषाविज्ञान आणि मराठी भाषा यांचा सहसंबंध उमगेल.
 - CO56 भाषेची उत्पत्ती, स्वरूप, कार्य समजेल.
 - CO57 स्वनविचार आणि रूपविचार यांचा परिचय होईल.
 - CO58 मराठी भाषेची वर्णव्यवस्था समजेल.
 - CO59 मराठी भाषेबद्दलची विद्यार्थ्यांची आवड विकसित होईल.
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Discipline Specific Core (DSC-E3)

Marathi Course -9 Semester-V

मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते इ.स.१५००)

Course Outcom (COs) :

- CO60 मध्ययुगीन मराठी वाङ्मय परंपरांचाव इतिहासाचा परिचय होईल.
CO61 या कालखंडातील वाङ्मय रचनाप्रकारांचा परिचय घडेल.
CO62 या कालखंडातील वाङ्मयनिर्मितीच्या प्रेरणांचा परिचय होईल.
CO63 या कालखंडातील वाङ्मयाच्या सांस्कृतिक पार्श्वभूमीचा उलगडा होईल.
CO64 या कालखंडातील प्रमुख संप्रदाय व ग्रंथनिर्मितीयांचा अनुबंधस्पष्ट करता येतील.
CO65 या काळातील मराठी भाषेचे स्वरूप स्पष्ट करणे शक्य होईल.



Discipline Specific Core (DSC-E4)

Marathi Course -10 Semester-V

मराठी भाषा व अर्थार्जनाच्या संधी

Course Outcom (COs) :

- CO66 सर्जनशील लेखनप्रक्रिया समजून घेता येईल.
CO67 वैचारिक लेखनाचे स्वरूप लक्षात येईल.
CO68 वैचारिक लेखनाची आणि ललितलेखनाची तुलना करता येईल.
CO69 लेखन, वाचन, भाषण या कौशल्यांचा विकास होईल.
CO70 शोधनिबंध व प्रकल्पलेखन कौशल्य विकसित होईल.
CO71 अंतरजालावरील मराठी लेखनपद्धतीचे आकलन होईल.

Discipline Specific Core (DSC-E5)

Marathi Course -11 Semester-V

वाङ्मय प्रवाहाचे अध्ययन : मध्ययुगीन

पाठ्यपुस्तक : दृष्टांतपाठ



Course Outcom (COs) :

- CO72 मध्ययुगीन महाराष्ट्राची संस्कृती व महानुभवपंथाचा परिचय होईल.
- CO73 दृष्टांतपाठातील आशय व अभिव्यक्तीची वैशिष्ट्यांची ओळख व आकलन होईल.
- CO74 दृष्टांतपाठातील भाषिक वैशिष्ट्यांचा विद्यार्थी आपल्या ललितलेखनात उपयोग करेल.
- CO75 दृष्टांतपाठातील भाषिक वैभवाचा परिचय होईल.
- CO76 महानुभाव साहित्याच्या प्रेरणा व स्वरूपाची ओळख होईल.
- CO77 ग्रंथकार केसोबास यांच्या व्यक्तिमत्त्वाचा परिचय होईल.

Discipline Specific Core (DSC-E126)

Marathi Course -12 Semester-VI

साहित्यविचार

Course Outcom (COs) :

- CO78 शब्दशक्तीचे स्वरूप व प्रकार समजतील.
- CO79 साहित्यातील रसप्रक्रिया समजेल.
- CO80 साहित्याची आस्वाद प्रक्रिया समजून येईल.
- CO81 साहित्यनिर्मितीच्या आणि आस्वादाच्या आनंदाची मीमांसा करता येईल.
- CO82 विद्यार्थ्यांचा वाङ्मयीन दृष्टिकोण विकसित होईल.
- CO83 भाषेतील छंद व वृत्ते यांचा अभ्यास करता येईल.

Discipline Specific Core (DSC-E127)

Marathi Course -13 Semester-VI

मराठी भाषा व भाषाविज्ञान



Course Outcom (COs) :

- CO84 मराठी भाषेची वर्णव्यवस्था समजू शकेल.
- CO85 ध्वनी व अर्थपरिवर्तनाच्या कारणांची व प्रकारांची माहिती होईल.
- CO86 प्रमाणभाषेविषयी माहिती होईल.
- CO87 मराठीची शब्दव्यवस्था (शब्दांच्याजाती) समजतील.
- CO88 बोलींचे स्वरूप व विशेष समजून येईल.
- CO89 विद्यार्थ्यांमध्ये मराठी भाषेबद्दलची आवड विकसित होईल.

Discipline Specific Core (DSC-E128)

Marathi Course -14 Semester-VI

मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते इ.स.१५०० ते इ.स.१८००)

Course Outcom (COs) :

- CO90 मध्ययुगीन मराठी वाङ्मयीन परंपरांचा व इतिहाचा परिचय होईल.
- CO91 मध्ययुगीन कालखंडातील वाङ्मय रचनाप्रकारांचा जाणून घेता येतील.
- CO92 मध्ययुगीन कालखंडातील वाङ्मयनिर्मितीच्या प्रेरणांचा परिचय होईल.
- CO93 मध्ययुगीन कालखंडातील वाङ्मयातील सांस्कृतिक पार्श्वभूमीचा उलगडा होईल.
- CO94 मध्ययुगीन कालखंडातील प्रमुख संप्रदाय व ग्रंथनिर्मिती यांचा अनुबंधस्पष्ट करता येईल.
- CO95 मध्ययुगीनकाळातील मराठीगद्य, पद्य रचनेचे विशेष लक्षात येईल.

Discipline Specific Core (DSC-E129)

Marathi Course -15 Semester-VI

मराठी भाषा व अर्थाजनाच्या संधी



Course Outcom (COs) :

- CO96 प्रसारमाध्यमांतील अर्थाजनाच्या संधी आणि भाषिक कौशल्यांची आवश्यकता ठाऊक होईल.
- CO97 औपचारिक आणि अनैपचारिक क्षेत्रानुसार भाषिक व्यवहार करता येईल.
- CO98 विविधक्षेत्रातील भाषिक कौशल्ये आणि क्षमता विकसित होतील.
- CO99 मुद्रितशोधनाच्या उपयोजनासाठी आवश्यक क्षमता विद्यार्थ्यांमध्ये विकसित होतील.
- CO100 उपयोजित व सर्जनशील लेखनास विद्यार्थ्यांचा शब्दसंग्रह समृद्ध होईल.
- CO101 मुलाखत,संपादन, परीक्षण, ब्लॉगलेखन, संवादलेखन, अशा भाषिक आकृतिबंधाचा परिचय होईल.

Discipline Specific Core (DSC-E130)

Marathi Course -16 Semester-VI

वाङ्मय प्रवाहाचे अध्ययन : ललित गद्य (व्यक्तिचित्रे)

पाठ्यपुस्तक : 'मुलखावेगळी माणसं' (संपादन)

शिवाजी विद्यापीठ प्रकाशन, कोल्हापूर.

Course Outcom (COs) :

- CO102 ललित वाङ्मयप्रकाराचे स्वरूप ध्यानात येईल.
- CO103 प्रवाहानुरूप मराठीतील व्यक्तिचित्रांचे स्वरूप अभ्यासता येईल.
- CO104 ग्रामीण व उपेक्षित माणसांच्या जीवनव्यवहाराचे आकलन होईल
- CO105 'मुलखावेगळीमाणसं' ग्रंथातील व्यक्तिचित्रणाचे अभिव्यक्ती, निवेदनपद्धती, भाषाविशेष या घटकांच्या आधारे सैद्धान्तिक विश्लेषण करता येईल.
- CO106 'मुलखावेगळीमाणसं' ग्रंथातील शैक्षणिक, सामाजिक राजकीय पर्यावरण समजून येईल.
- CO107 'मुलखावेगळीमाणसं' ग्रंथातील व्यक्तिविशेषांचे आकलन होईल.

Bale

Principal,

**Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon, Dist. Kolhapur, Maharashtra**

Jayprakash Education Society's
Dr. Babasaheb Ambedkar Mahavidyalaya, Peth Vadgaon
Department of English
(2023-24)

• **Course Outcomes:**

• **B. A.I**

• **Semester -1 & 2**

<p>English for communication Ability Enhancement Compulsory Course (AECC 1)</p>	<ul style="list-style-type: none"> • The students understand concept of communication skill in English both oral and written. • The students understand how to develop the vocabulary and narration skills and how to use these skills in day-to-day life. • The students learn human values through poems and prose. • The students improve language competence. Students use the values learnt through texts.
<p>Modern Indian Writing in English Translation (CBCS) (DSC- A3)</p>	<ul style="list-style-type: none"> • Students prepare for translation theory. • This helps to narrow the regional boundaries and understand the other language literature. • It inculcates the knowledge of 'short story' as a literary genre in the context of Indian culture..

• **B. Com.I**

<p>English for business communication Ability Enhancement Compulsory Course (CBCS)</p>	<ul style="list-style-type: none"> • The students are understand concept of communication skill in English both oral and written. • The students learned how to enter the job market with confidence and the ability to work effectively. • The students are able to use the language skill for use in their personal, academic and professional lives. • The students' literary tendencies are developed.
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• **B.A.II**

• **Semester 1 & 2**

<p>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC) ENGLISH FOR COMMUNICATION (CBCS)</p>	<ul style="list-style-type: none"> • The students develop communication skills in English, both oral and written. • The students use their language skills for their personal, academic and professional lives. • The students develop the essential employability skills. • The students enter the job market with confidence and the ability to work effectively. • The students learn and practice both language and soft skills.
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English Special Paper –I LITERATURE AND CINEMA (CBCS) (DSC-C5) & (DSC-C29)	<ul style="list-style-type: none"> • Students are introduced to film and its relationship to literature • The students acquire film literacy through a working knowledge of basic film terminology • The students develop critical approaches to engage with film adaptations • The students establish a clear understanding of literature through film adaptations of literary texts • The students are introduced the issues and practices of cinematic adaptations
English Special Paper –II PARTITION LITERATURE (CBCS) (DSC-C6) & (DSC-C30)	<ul style="list-style-type: none"> • The students became aware of the partition scenario • The students understand hidden human dimensions of the • The students understand the impact of partition on society

• **B. Com.II**

• **Semester -1 & 2**

ABILITY ENHANCEMENT COMPULSORY COURSE (AECC) ENGLISH FOR COMMUNICATION (CBCS)	<ul style="list-style-type: none"> • The students are understand concept of communication skill in English both oral and written. • The students learned how to enter the job market with confidence and the ability to work effectively. • The students are able to use the language skill for use in their personal, academic and professional lives. • The students' literary tendencies are developed.
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• **B .A.III**

• **Semester -1 & 2**

ENGLISH FOR COMMUNICATION	<ul style="list-style-type: none"> • The students are understand the skill of facing job interviews. • The students learnt the use of problem words in English. • The students learnt avoid common errors in spoken and written English. • The students understood how to address the people. • The students understood how does the strike affects the daily routine life of common people.
Special English (Paper VII) & (Paper XII) Literary Criticism and Critical Appreciation	<ul style="list-style-type: none"> • Students learnt the major trends in literary criticism. • Students familiarized with the major critical concepts. • Students studied about the original contributions to literary criticism. • Students acquainted with the various literary movements. • Students trained in writing critical appreciation of poetry.

Special English (Paper-VIII) & (Paper -XIII) Understanding Poetry	<ul style="list-style-type: none"> • Students engaged and became curious readers of poetry. • Students got introduced poetry of various cultures and traditions. • Students understood that poetry gives intellectual, moral and linguistic pleasures. • Students heard and read poems aloud and to memorize lines.
Special English (Paper - IX) & (Paper -XIV) Understanding Drama	<ul style="list-style-type: none"> • The students are developed cognitive abilities that complement study in other disciplines. • Drama students learnt how to approach a situation in an array of different manners, which can help develop creative thinking and new Study techniques. • The students are built with confidence, which benefits public speaking opportunities.
Special English Understanding Novel (Paper - X) & (Paper -XV)	<ul style="list-style-type: none"> • The students learnt the novel as a distinct form of literature. • The students learnt the types of novel. • The students got the knowledge about author and important thematic issues related novel.
Special English (Paper - XI) & (Paper - XVI) The Structure and Function of Modern English	<ul style="list-style-type: none"> • Students acquainted with Speech mechanism • Students understood basic sounds in English language • Students learnt about the Word transcription and word stress • Students acquainted with word-formation processes; word classes • Students Understood the types of phrases and their form and function • Students studied Various types of clauses • Students got introduced with the structure of complex sentences in English • Students familiarized with the types of subordinate clauses, and their form and function labels • Students learnt about the Cohesive devices & Discourse analysis

Program Outcomes (UG)

The students are expected to be ready with the:

- In-depth knowledge and skills in their major, which is persuaded through their academic and scholarly passions, and apply them effectively.
- Roles prominent to & as the leadership, team, and advocacy for a common good groomed by the training given of competency, creative writing, oratory and critical thinking to meet life's challenges.
- Reflective lives of meaning and value structured by the inspiration and preparation of relational transcendentalism in accordance of vocational life.
- Engagement with the global as well as local ethical community members.
- An action shaped by compassion & integrity.
- A will to fight for social and environmental justice.

Jayprakash Education Society

Dr. Babasaheb Ambedkar Mahavidyalaya

Barrister Tatyasaheb Mane Vidyanagar
Peth Vadgaon, Tal. Hatkanangale, Dist. Kolhapur

DEPARTMENT OF HISTORY

Academic Calendar-2023-24

Course Outcome

B. A. History

Semester: I

Paper I: Rise of the Maratha Power (1600-1707)

1. The period from 1600 to 1707 was an important epoch in the history of Marathas. Chhatrapati Shivaji Maharaj established the Maratha state. Later, Chhatrapati Sambhaji, Chhatrapati Rajaram and Maharani Tarabai led the Maratha struggle of independence against the Mughal rule.
2. The primary aim of this course is to introduce students to the history of the rise of Maratha power with main emphasis on life and work of Chhatrapati Shivaji Maharaj.
3. The course is also expected to apprise the students with the sacrifices made by Maratha leaders and people to protect freedom and sovereignty of the region

Semester: II

Paper II: Polity, Society and Economy under the Marathas (1600-1707)

1. 1600 to 1707 was a period of rapid change in the history of Marathas. Chhatrapati Shivaji Maharaj established the Maratha state and initiated fundamental changes in the political, socio-economic and cultural life of the people.
2. The course is designed to acquaint the students with the political, socio-economic and religious life of the people during the 1600-1707 period.
3. It will educate the students about the policy and contribution of Chhatrapati Shivaji Maharaj.

Semester: III

Paper 3-History of Modern Maharashtra (1900 to 1960)

After studying the course, the student will be able to...

1. Understand the beginnings and growth of nationalist consciousness in Maharashtra.
2. Explain the contribution of Maharashtra to the national movement.
3. Give an account of various movements of the peasants, workers, women and backward classes.
4. Know the background and events which led to the formation of Maharashtra.

Paper 4- History of India (1757-1857)

After studying this course, the student will...

1. Acquaint him/herself with significant events leading to establishment of the rule of East India Company
2. Know the colonial policy adopted by the company to consolidate its rule in India
3. Understand the structural changes initiated by colonial rule in Indian economy.
4. Explain the various revolts against rule of the East India Company.

IDS Paper 1-Social Reforms in India

After completion of the course, the student will be able to....

1. Understand the salient features of prominent socio-religious reform movements.
2. Explain the thought and work of Mahatma Phule for radical transformation of Indian society.
3. Know the measures taken by Rajashri Shahu Maharaj for emancipation of lower classes and women.
4. Understand the thoughts of Ambedkar on the annihilation of the caste system and untouchability in India.
5. Know how the Indian constitution embodies the values of social justice and equality.

Semester: IV

Paper 5-History of Modern Maharashtra (1960-2000)

After completion of the course, the student will...

1. Acquaint himself with the contribution of eminent leaders of Maharashtra.
2. Know about the economic transformation of Maharashtra.
3. Understand the salient features of changes in society.
4. Explain the growth of education.

Paper 6-History of Freedom Struggle (1858-1947)

After completion of this course, the student will be able to...

- 1) Understand the events which lead to the growth of nationalism in India.
- 2) Acquaint himself with the freedom struggle under the leadership of Mahatma Gandhi.
- 3) Explain the contribution of Revolutionaries, Left Movement, and Indian National Army.
- 4) Understand the gravity of Communalism and the partition of India.

IDS-Paper 2-Social Reforms in Maharashtra

After studying the course, the student will be able to...

- 1) Know about the beginnings of social reforms in Maharashtra by the Paramhansa Mandali and Prarthana Samaj.
- 2) Understand the contribution of women reformers
- 3) Explain the contribution of social reformers in the fight for social justice
- 4) Explain the role played by educational reforms in transformation of society.

Semester: V

Paper VII: Early India (from beginning to 4th c. BC)

After studying the course the student will be able to ...

- 1) Understand the transition of humans in India from Hunters to Farmers
- 2) Explain the transition from Early to Later Vedic period.
- 3) Clarify the causes for the first and second urbanizations
- 4) Give an account of the teachings of Gautama Buddha and Vardhamana Mahavira
- 5) Describe the rise and growth of the Mauryan Empire
- 6) Explain the salient features of Ashoka's Dhamma

Paper No: VIII DSE E-62 History of Medieval India (1206-1526 AD)

After studying the course the student will be able to...

- 1) Describe the different types of historical sources available for writing the history of medieval India
- 2) Explain the contributions of medieval rulers like Allaudin Khilji, Muhammad-bin Tuqhlac, Krishnadevraya, and Mahmud Gawan
- 3) Give an account of the administration and economy of the Delhi sultanate and Vijayanagar Empire
- 4) Elucidate the significant developments which took place in religion, society and culture

Paper No: IX DSE E-63 Age of Revolutions

After studying the course the student will be able to...

- 1) Explain the causes and consequences of the Reformation
- 2) Give an account of the role played by Martin Luther
- 3) Explain the salient features of the Industrial revolution
- 4) Give an account of the American revolution
- 5) Explain the causes, effects and major events of French Revolution
- 6) Explain the role of major leaders of the French Revolution

Paper No. X DSE E-64 Political History of the Marathas

After studying the course the student will be able to...

- 1) Describe the political conditions of the Marathas upto the year 1740
- 2) Explain the role of Balaji Bajirao.
- 3) Explain the causes and effects of the Battle of Panipat.
- 4) Understand the political condition of the Marathas after 1761.
- 5) Critically analyze the causes for the decline of Maratha power.

Paper No. XI DSE E-65 History: Its Theory

After studying the course the student will be able to...

- 1) Understand the definition and scope of the subject of History
- 2) Know the process of acquiring historical data
- 3) Explain the process of presenting and writing history
- 4) Understand the methods of writing history

Semester: VI

Paper No. XII DSE E-186 Ancient India (From 4th c. BC to 7th c. AD)

After studying the course the student will be able to...

- 1) Know the political ,economic and religious developments which took place in early historic India
- 2) Explain the role played by Major Satavahana, Kushana, Gupta and Vakataka Kings
- 3) Give an account of the developments in the Post-Gupta period
- 4) Have an informed opinion about the society and culture of Ancient India

Paper No. XIII DSE E-187 History of Medieval India (1526-1707 AD)

After studying the course the student will be able to...

- 1) Know about the various sources for writing Medieval Indian history
- 2) Explain the role of rulers like Babar, Akbar, Chandbibi and Ibrahim Adilshah II
- 3) Gain knowledge about the administrative and revenue system
- 4) Describe the condition of Industry and trade
- 5) Explain important developments in religion, society and culture

Paper No: XIV. DSE E-188 Making of the Modern World (16th to 19th Century)

After studying the course the student will be able to...

- 1) Know the causes and consequences of the Glorious revolution in England
- 2) Explain the concept of Nationalism and account for its rise and spread.
- 3) Describe the unification of Italy and Germany.
- 4) Give an account of the rise, growth and impact of Imperialism
- 5) Explain the significance of the Partition of Africa
- 6) Know the life and thoughts of important leaders like Metternich, Karl Marx and Abraham Lincoln

Paper No. XV DSE E-189 Polity, Economy and Society under the Marathas

After studying the course the student will be able to...

- 1) Know the various sources for writing the history of the Marathas
- 2) Explain the significant developments in the polity of the Marathas
- 3) Describe the economic conditions
- 4) Explain the social conditions.

Paper No. XVI DSE E-190 Methods and Applications of History

After studying the course the student will be able to...

- 1) Understand the nature of archival sources.
- 2) Gain conceptual clarity about recent trends in history.
- 3) Know about the application of history in museums.
- 4) Explain the concept and scope of heritage tourism.

Course Outcomes

After successfully completing this course, students will be able to

<p style="text-align: center;">BA -I Introduction to Political Science & Indian Constitution</p>	<p>CO 1 Understanding sub-disciplines of Political Science. CO 2 Understand concept of State and Democracy. CO 3 Understanding concepts of political science. CO 4 Understand key concepts of political science. CO 5 Understanding the making of Indian constitution. CO 6 Understanding the philosophy of Indian constitution. CO 7 Understanding critically analysing legislature, executive and judiciary system of India</p>
<p style="text-align: center;">BA -II Indian Political Thought</p>	<p>CO 1 Understand the relevance of ancient ideas with present time CO 2 Understand the trajectory of ideas on key Political question and Institutions of ancient Indian as developed by Kautilya. CO 3 Understand renaissance and reformation in India and the role of Mahatma Phule and Rajarshi Shahu Chhatrapati in it. CO 4 Understand the idea of nationalisam of Lokmanya Tilak. CO 5 Build up basic concepts like - Satya, Ahimsa, Satyagraha, Trusteeship and Sarvodaya of Mahatma Gandhi. CO 6 Students can understand about Secular Nationalism and Internationalism, Democratic Socialism and Mixed Economy of Jawaharlal Nehru. CO 7 Students will get ideas about critique of caste system, state socialism & Parliamentary democracy for Social and economic democracy of Dr. B. R. Ambedkar</p>
<p style="text-align: center;">BA -II Political Process in India & Local Self Govt. in Maharashtra</p>	<p>CO 1 Understanding historical background of local self government CO 2 Examining the Institutions of Rural and Urban local self government. CO 3 Discussing the constitutional amendments and challenges before local self government. CO 4 Examining the Institutions of Rural and Urban local self government and Discussing the constitutional amendments and challenges before local self government. CO 5 Describing and Analyzing political and social movements in Maharashtra. CO 6 Describing and Analyzing Neo movements in Maharashtra.</p>

<p align="center">B A -III Political Theory & Modern Political Concepts</p>	<p>CO 1 Getting basic knowledge of Political Theory CO 2 Understanding of approaches to Political Theory CO 3 Knowing Behavioural movement in Political Science CO 4 Acquiring knowledge about concepts of Power, Authority and Legitimacy CO 5 Critically analyzing Election and Types of representation. CO 6 Studying the modern political concepts: Feminism, Multiculturalism, Environmentalism and Civil Society.</p>
<p align="center">B A -III Public Administration & Politics and Movements in Maharashtra</p>	<p>CO 1 Explaining the nature, scope of Public Administration; Politics and Administration; Principles of Organization. CO 2 Discussing the personnel administration. CO 3 Discussing Financial Administration, budgetary process in India and parliamentary financial committees. CO 4 Understanding the concept of good governance, discussing right to information. CO 5 Student will know the Political System of Maharashtra. CO 6 They will understand the process of formation of Maharashtra State CO 7 Student will know the movements, pressure groups and political parties in Maharashtra. CO 8 This will provide comprehensive idea of contemporary politic of Maharashtra.</p>
<p align="center">B A -III International Politics & Comparative Govt. (With special Reference to Uk & USA)</p>	<p>CO 1 Studying the international political system. CO 2 Studying the international & regional organizations. CO 3 Studying the relations of India with neighboring countries. CO 4 Students will be familiar with basic theory of comparative politics CO 5 Students be able to understand constitutionalism, federalism. CO 6 Students shall understand party system and pressure groups and its functioning CO 7 Students shall understand classification of political parties and pressure groups</p>

<p style="text-align: center;">BA -III Western Political Thought</p>	<p>CO 1 Students will get acquainted with the western tradition from Plato to Rousseau.</p> <p>CO 2 Students will understand the evolution of western Political idea.</p> <p>CO 3 Students will be able to study historical aspects of western state and societ</p> <p>CO 4 The students will understand Political views of J. S. Mill, Karl Marx, Gramsci & Hannah Arendt</p> <p>CO 5 The students will get acquainted with various aspects of state and society with western perspective.</p>
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Jayprakash Education Society's

Dr. Babasaheb Ambedkar Mahavidyalaya

(Barrister Taytyasaheb Mane, Vidyanagar)

Peth-Vadgaon, Tal.- Hatkanangale, Dist- Kolhapur, 416112

Department of Sociology

Course Outcomes

Class	Semester	Paper no.& paper name	Outcomes
B.A. I	Sem-I	Introduction to Sociology I	<ol style="list-style-type: none">1. Differentiate between sociology and the other social science2. Describe the role that culture plays in affecting group as well as individual behaviours.3. Analyze specific sociological topics utilizing the major theoretical models that are appropriate for each specific topic4. Identify the current goals of sociology compare and contrast the three main sociological theories in sociology.
	Sem-II	Applied sociology-2	<ol style="list-style-type: none">1. Apply social theories to examples of current or historical events2. Define and apply the sociological imagination /sociological perspective3. Identify and apply specific sociological terms and concepts4. Explain how various social locations such as class, race, gender, age and sexuality are vital to the study of sociological and apply them to specific sociological topics.
	Sem -	Social Issues in India.—3	<ol style="list-style-type: none">1. Identify specific social problems.2. Identify current research methods that are utilized for the investigation of social problems.3. Compare and contract various social problems and/or treatments in terms of their effectiveness.4. Apply the three main social theories to various social problems in society.

B.A. II	III	Social movements in India –4	<ol style="list-style-type: none"> 1. Describe the causes and development of collective behaviour, social movements and social change 2. Describe the evolution and role of the media in society. 3. Describe technology in a sociological context. 4. Understand and discuss how we analyze media and technology through various sociological perspective
	Sem-IV	Gender and violence 5	<ol style="list-style-type: none"> 1. Describe and explain the sociological perspectives on studying women and the social condition of gender. 2. Explain how gender affect's women's sex role, socialization, intimate, relationship, the family sexuality and body image. 3. Identify issues of gender inequality within
			<ol style="list-style-type: none"> employment and the economy. 4. Identify and evaluate specific issues of health reproduction and the health care system that affects a diverse group of women.
	Sem-IV	Sociology of Health-6	<ol style="list-style-type: none"> 1) Become aware of social health's for students 2) Understand socio-medical aspect of society 3) Introduce the basic concept in sociology of health. 4) Understand the policies regarding health declared by Government of India.
B.A. III	Sem -	Western sociological thinkers— 7	<ol style="list-style-type: none"> 1. The course aims to provide a general introduction to sociological theories and thought of western scholars. 2. Define sociological theory, understand its features and describe and illustrate the role of theory in building sociological knowledge. 3. Introduce themselves to the classical theories of sociology and contribution of different thinkers in this regard. 4. Know the contribution of founding fathers of sociology in developing sociology as an academic discipline
		Methods of social research— 8	<ol style="list-style-type: none"> 1. Demonstrate understanding of quantitative and qualitative methods. 2. Appropriately select which methods to employ. 3. Interpret and analyse data and charts. 4. Determine the significance of research findings.
		Political sociology- 9	<ol style="list-style-type: none"> 1. Define and differentiate between power and authority 2. Describe forms of government and explain politics in India 3. Describe the varying theoretical perspective on Government and power.

	V	<p>Human rights-10</p>	<ol style="list-style-type: none"> 1. Identify and evaluate the historical ,philosophical, political ,and cultural developments. 2. Explore global human rights institutions law and processes and assess the impact of their interaction with national and local cultural practices and norms. 3. Critically examine the impact of diverse geographic, cultural, and theoretical context on the social acceptance and practical application of human rights norms. 4. Synthesize interdisciplinary approaches and contribution to topics, such as gender ,race ,poverty ,violence, and post colonialism within a human rights framework.
		<p>Sociology of Religion -11</p>	<ol style="list-style-type: none"> 1. Explain how major sociological perspectives view religion. 2. Explain the basic tents of major world religions. 3. Examine religion differences around the world. 4. Describe religion in India. 5. Identify and discuss historical and contemporary issues in religion.
	Sem- VI	<p>Indian sociological Thinkers-12</p>	<ol style="list-style-type: none"> 1. The course aims to provide a general introduction to sociological theory and thought. 2. The paper acknowledges the contribution of Indian scholars in the development in sociology. 3. Understands the concepts and contribution of Indian social thinkers in the reform of Indian society as well as to enhance knowledge about society. 4. Know the contribution of Indian sociologist in the development of sociological thought.
		<p>Methods of Social Research –13</p>	<ol style="list-style-type: none"> 1. Importance of research design in social research and how to formulate it. 2. How to collect data and analyse data and how to write a field report. 3. Critically assess research findings. 4. compare/contrast research methodologies and research findings.
		<p>Social Anthropology-14</p>	<ol style="list-style-type: none"> 1. The course aims to draw attention mainly to the problems, policies and programmes for the upliftment of the backward section of Indian society and causes of their backwardness. 2. The course also light on the socio-economic life of the backward section of Indian society. 3. Know the problems faced by the tribes and policies and programmes taken by the Government for the upliftment of tribes. 4. Understand social economic and cultural features of tribes.

		<p>Rural Sociology- 15</p>	<ol style="list-style-type: none"> 1. The course explores substantive issues in rural sociology .it gives attention to Indian themes. 2. Understand and analyse social economic and political aspects of rural society. 3. Define and demonstrate democratic decentralization of power and importance of panchaytraj institution in bringing about changes in rural society. 4. Demonstrate how caste system operates and its importance in rural society.
		<p>Urban Sociology 16</p>	<ol style="list-style-type: none"> 1. The course provides an exposure to key theoretical perspectives for understanding urban life in historical and contemporary contents. 2. The course defines urban sociology and demonstrate the nature and scope of urban sociology. 3. Develop an understanding about trends of urbanization in India and impact of urbanization on Indian society. 4. Develop awareness about urban problems and policies adopted to solve such problems.

Department of Economics

Course Outcomes

After completing B. A. Economics students will have

B.A. – I

Indian Economy

- CO.1 Understanding characteristics, features, structural changes in Indian Economy.
- CO.2 Comprehension of the nature and impact of New Economic Reforms on the Indian Economy
- CO.3 Knowing the problems of unemployment, poverty, rising economic and social inequality and problems of regional imbalance in India.
- CO.4 Evaluating the changing role of agriculture. Industrial and service sector and foreign sector in Indian Economy.
- CO.5 Measuring the problems prospects of cottage and small scale industries and industrial sicknesses.
- CO.6 Measuring the growth, volume, composition and direction of India's foreign trade and capital inflow since 1991.

B.A. – II

Money and Banking

- CO.1 Understanding the meaning, function and role of commercial Banking.
- CO.2 Comprehending the procedure of an account opening, operating and Closing.
- CO.3 Knowing the structure, function and role of RBI in economic Development.
- CO.4 Judging the progress of financial inclusion.
- CO.5 Evaluating the importance, characteristics and components of the Financial market.
- CO.6 Understanding the role and types of development banks and Non-Banking Financial intermediaries.
- CO.7 Realizing the banking reforms and Basel norms-1 and 2.
- CO.8 Identifying recent trends in Indian banking such as E-Banking, MICR clearing ATMs, Credit Cards and Debit Cards, Travelers Cheques, Gift cheques, D-mat Account.

B.A. – II

Macro Economics

- CO.1 Identifying the basic concepts and theories of Macro Economics.
- CO.2 Awareness about changing macro economics policies and theories.
- CO.3 Understanding various concepts such as; GDP, GNP, NNP, Personal income Disposable Income, Per Capita Income, and National Income.
- CO.4 Identifying the factors determining gross domestic product, employment, the

general level of prices, and interest rates.

CO.5 Realizing the law of markets, consumption function and investment function.

CO.6 Judging the role of fiscal policy and monetary policy in a Developing Economy.

CO.7 Knowing features, phases and theories of trade cycles.

CO.8 Evaluating types, merits and demerits of taxes.

CO.9 Comprehending the role of public finance in developing.

B.A. – III

Principle of Micro Economics

CO.1 Knowing the decision making of consumer.

CO.2 Identifying the nature of revenue and cost of production.

CO.3 Comprehending the demand function and production function.

CO.4 Realizing various production theories.

CO.5 Clarifying the meaning of marginal, average, total revenue, and marginal, average and total costs and its implication.

CO.6 Awareness of different markets structure.

CO.7 Understanding pricing in different markets.

CO.8 Judging the factor pricing

Research Methodology in Economics

CO.1 Understanding the basic framework of research process.

CO.2 Defining various research designs and techniques.

CO.3 Identifying various sources of information for literature review and data collection.

CO.4 Discussing the ethical dimensions of conducting applied research.

CO.5 Appreciating the components of scholarly writing and evaluate its quality.

CO.6 Knowing various aspects of Research in Economics.

CO.7 Understanding various data analysis techniques (Mean, Median, Mode, Range Standard Deviation Karl Pearson coefficient of correlation).

CO.8 Ability to interpretation of data and report writing.

History of Economic Thoughts

CO.1 Acquaintance with the economic thoughts of Classical, Nationalist and Socialist Thinkers.

CO.2 Judging the development of economic thoughts.

CO.3 Realizing the economic concepts and theories of Neo-Classical and Indian thinkers.

CO.4 Evaluating the development of Indian economic thoughts

Economics of Development and Planning

CO.1 Understanding the concept and aspects of economic Development.

CO.2 Knowing the theories of economic growth and Development.

CO.3 Measuring the concept and issues of economic planning.

CO.4 Discussing the need, types and necessary conditions of economic Planning.

International Economics

CO.1 Elaborating the importance of the study of International Economics.

CO.2 Finding similarities and dissimilarities in inter-regional and international trade.

CO.3 Knowing the changes in the import –export policies of India.

CO.4 Evaluating various types of exchange rates and its merits and demerits

CO.5 Discussing the types and effects of tariffs and quotas.

CO.6 Judging the function, merits and demerits of Foreign Capital, and International Corporation (IMF,IBRD, WTO, and SAARC)

CO.7 Realizing the volume, composition and direction of Balance of trade balance of payments.

B.Com. – I

Micro Economics

CO.1 Understanding the link between Micro Economics and business decision.

CO.2 Realizing the importance of demand forecasting and method of demand Forecasting.

CO.3 Justifying the demand function and production function.

CO.4 Evaluating various production theories.

CO.5 Clarifying the meaning of Marginal, average, total revenue and Marginal, average and total cost and its implication.

CO.6 Understanding different markets structure in marketing system.

B.Com. II

Money and Financial System

CO.1 Understanding the nature, functions and issue related to money, banking and non banking financial intermediaries and financial system.

CO.2 Knowing about changing role of banking and financial intermediaries in the process of growth and development.

CO.3 Realization of structure, role and function of RBI, NBFIs, Development banks, Commercial Banks, Money Market, Capital Market and Foreign Market.

CO.4 Getting knowledge about changing paradigms in Indian Banking (E- Banking, Mobile Banking Tele Banking, Core Banking, Kisan Card.)

Macro Economics

CO.1 Identifying the basic concepts and theories of Macro Economics.

CO.2 Awareness about changing macro economics policies and theories.

CO.3 Understanding various concepts such as; GDP, GNP, NNP, Personal income Disposable Income, Per Capita Income, and National Income.

CO.4 Identifying the factors determining gross domestic product, employment, the general level of prices, and interest rates.

CO.5 Realizing the law of markets, consumption function and investment function.

CO.6 Judging the role of fiscal policy and monetary policy in a Developing Economy.

B.Com. III

Business Environment

CO.1 Understanding business environment at national and international level.

CO.2 Knowledge about agricultural development, industrial development and service sector development in India.

CO.3 Discussing the problems of Indian economy

CO.4 Measuring implementation and impact of Liberalization, Privatization and Globalization of Indian Economy.

CO.5 Justifying performance, role, function, merit and demerits of Foreign Capital, Multinational corporation and International Corporation (IMF,IBRD,WTO and SAARC).

Co-operative Development

CO.1 Understanding the principle of co-operation and co-operative movement in India.

CO.2 Knowing the structure, types, functions, problems and remedies agricultural and Non-agriculture Credit Co-operative institutions.

CO.3 Getting known with Co-operative credit movement in post-independence period.

CO.4 Evaluating the impact of Globalization on co-operative Movement.

CO.5 Getting basic knowledge of co-operative society and its administration

CO.6 Justifying the role of state and central government in development of co-operative sector.

CO.7 Understanding new Economic Policy since 1991 and co-operative movement.

DEPARTMENT OF GEOGRAPHY

B. A. I Paper I – Physical Geography (DSE- I)

After completion of this Course, the students will develop ability:

1. Acquaint with physical geography with reference to nature, importance and role climate of earth.
2. Identifying and explaining the planets human and physical characteristics and processes from global to local scale.
3. Apply geographical competence in practical usage.

B. A. I Paper II – Human Geography (DSE- II)

1. Understand the relationship between geography and culture.
2. Know the fundamental branches of human geography and its approaches.
3. Apply various issues related to population, agriculture and settlement.

B. A. II Paper III - Soil Geography (DSE- III)

1. Familiarize with the basic and fundamental concept of Soil geography.
2. Understand soil is key resource for the development of any country.
3. Aware about process of soil formation and development as well as soil properties.
4. Know classification, characteristics and distribution of soil with reference to Maharashtra.
5. Acquaint with the concept, need and methods of soil profile, soil analysis and soil management.

B. A. II Paper IV: Resource Geography (DSE- IV)

1. Understand the concept and classification of resources.
2. Examine the major resources (Water, Forest, Energy and Human) with their distribution, utilization and problems.
3. Study the sustainable resource development.
4. Become aware the importance of natural resources and its preservation in the change of climate.
5. Apply theoretical knowledge and its use in practical work.

B. A. II Paper V: Oceanography (DSE- V)

1. Understand oceanography as the fundamental branch of physical Geography.
2. Acquaint the term marine as the key resource for the development of any country.
3. Acquire the knowledge about physical and chemical properties of oceans.
4. Become familiar with types of ocean currents and currents of Atlantic, Pacific & Indian Ocean.

5. Apply Hypsographic Curve, Wind Rose, and Isotherm & Isohaline in practical work.

B. A. II Paper VI: Agriculture Geography (DSE- VI)

1. Understand the concept and development of Agriculture.
2. Examine the role of agricultural determinants towards the changing cropping pattern.
3. Study the green revolution.
4. Become familiar with the agricultural concepts.
5. Apply modern technologies in crop diversity, crop combination, and crop management.

B. A. II / B. Com – II: Environmental Studies

1. Familiarize with various issues related to Environmental studies.
2. Examine the natural resources with their distribution, utilization and problems.
3. Understand the concept and issues related pollutions.
4. Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.
5. Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.
6. Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
7. Recognize the physical, chemical, and biological components of the earth's systems and show how they function.

B. A. Part – III (Paper No. VII to XIV)

I). Evolution of Geographical Thought (Paper No. VII)

- 1) Students should be able to understand in-depth about the evolution of the Geographical thought.
- 2) Students should be able to analyse the recent trends in Geography.
- 3) Students should be able to make use of various models of paradigms and debates in the Geographical studies.
- 4) Understanding of recent trends in Geography.

II) Geography of India (Paper No. VIII)

- 1) In-depth understanding the dimensions and physiography of India.
- 2) The students are fully aware about the climatic seasons in India.
- 3) Detailed knowledge about soil, vegetation and drainage system in India.
- 4) Understanding and importance of agriculture and Industry in Indian economy.
- 5) Detailed knowledge about the economic steps of India.

III) Population Geography (Paper No. IX)

- 1) This paper would bring an understanding of population Geography along with relevance of demographic data.
- 2) The students would get an understanding of distribution and trends of population growth in the developed and less developed countries along with population concepts.
- 3) The students would get an understanding of the dynamics of population.
- 4) An understanding of the implications of population composition in different regions of the world.
- 5) An appreciation of the contemporary issues in the field of population studies.

IV) Economic Geography (Paper No. X)

- 1) In-depth understanding about the Economic Geography.
- 2) Detailed knowledge about locational factors of economic activities with special references to agriculture and industry.
- 3) Detailed understanding of the basic concepts related to manufacturing industries (selected countries) of the world.
- 4) Understanding of the transport and trade.

V) Urban Geography (Paper No. XI)

- 1) The students were known the importance of Urban settlement through Urban Geography.
- 2) The students understood the types of urban settlement site and situation. The students were familiar with an idea of relationship between human activities and urban development.
- 3) Detail understanding of students regarding present urban problems and students are capable to handling of present problematic situations in urban areas.
- 4) The students are developed as a good urban planner and environmental conservator.

VI) Geography of Health and Wellbeing (Paper No. XII)

- 1) Understand various geographical perspectives related to human health.
- 2) Create awareness of human health and environmental trends.
- 3) The students are familiar with geographical background of diseases and their regional pattern.
- 4) Detail understanding of pressure on environmental quality and human health.
- 5) Create awareness among the students of malnutrition and hygiene.
- 6) The students are familiar with the process of health care planning in India.
- 7) The students are aware about impact of climate change on human health.

VII) Political Geography (Paper XII)

- 1) Understanding the concept of Political Geography.
- 2) To identify the concept of Nation and State.
- 3) To aware about the importance of physical factors on global politics through theories.
- 4) Getting knowledge about the politics over resource dispute.

Practical Papers:

VIII) Fundamentals of Map Making and Map Interpretation (Paper No. XIII)

- 1) In depth understanding the map, concept of scale and projection.
- 2) Detailed knowledge about the analysis of landforms and its identification.
- 3) The students are deeply aware about basic information to the students about S.O.I. topomaps and I.M.D. weather maps and obtained the skills about map interpretation.
- 4) The students are deeply familiar with different cartographic techniques and methods used for representation of demographic and physio- socio- economic database

IX) Advanced Tools, Techniques & Field Work in Geography (Paper No. XIV)

- 1) In depth understanding the importance of field work and advanced Techniques in Geography.
- 2) The students are trained to implement modern tool and techniques in Geography.
- 3) Detailed knowledge about the use of computer for analysis of Geographical data.
- 4) The students are deeply aware about the basics and trained in instrumental survey.
- 5) The students are deeply familiar with computer, GIS, GPS and Remote Sensing

Department of Commerce

CO

Course Outcomes

After successfully completing this course, students will be able to

F.Y.B.COM Financial Accounting	CO 1 To get an idea about the basic of accounting, accounting concepts and conventions and accounting process CO2 To acquaint with skill of recording transactions related to amalgamation of partnership firm. CO 3 To apply skills of accounting for consignment transactions. CO 4 To make use of knowledge and skill for accounting of professionals
F.Y.B.COM Marketing	CO 1 The students will know various marketing concepts, basics of marketing and he or she will be able to assess for consumer behaviour. CO 2 The acquaint with skill of recording transactions related to amalgamation of partnership firm. CO 3 Knowledge of relevance of marketing and advertising in modern competitive world. CO 4 The students will be aware with four basic elements of marketing i.e. 4 P in details.
F.Y.B.COM Management Principles and Application	CO 1 To get an idea about the basic managerial process and planning works in real life 2 CO 2 To develop decision making skills to evaluate various alternatives and situations. CO 3 To acquaint with the knowledge of organizing various resources. CO 4 To understand the concepts of authority and process of delegation of authority.
F.Y.B.COM Insurance	CO 1 To enable the students to know the fundamentals of Insurance CO 2 To give exposure to the students about life insurance products, Procedural part and life insurance business in India CO 3 Enable the students to know the fundamentals of General Insurance
F.Y.B.COM Economics	CO 1 Apply the different concepts of demand, cost and production. CO 2 Understand and gain analytical skills for understanding market structures. CO 3 Gain basic knowledge of the operation of the business economics CO 4 Apply an ethical understanding and perspective to business situations.

<p>F.Y.B.COM</p> <p>Business Communication (English)</p>	<p>CO 1 To acquaint students with communication skills.</p> <p>CO 2 To inculcate human values among the students through poems and prose.</p> <p>CO 3 To improve the language and business competence of the students.</p> <p>CO 4 Acquainted with Modern Technology in Communication.</p>
<p>S.Y. B.Com</p> <p>CORPORATE ACCOUNTING</p>	<p>CO 1 Demonstrate accounting for issue of bonus shares, rights shares and sweat equity.</p> <p>CO 2 Demonstrate accounting for issue of debentures and redemption of debentures.</p> <p>CO 3 Explain the accounting of profit/loss prior to and after incorporation.</p> <p>CO 4 Practice the fundamental accounting process on Tally ERP.</p>
<p>S.Y. B.Com</p> <p>Fundamental of Entrepreneurship</p>	<p>CO 1 Impart theoretical knowledge of Entrepreneurship</p> <p>CO 2 Develop Entrepreneurship qualities and skills</p> <p>CO 3 To acquaint students with Steps involved in the formation of Small Enterprises</p> <p>CO 4 To enlighten students with Recent Trends and Concepts in Entrepreneurship</p>
<p>S.Y. B.Com</p> <p>Money and Financial System</p>	<p>CO 1 Students explain the concept of money, its new incarnations and flow in to the economy</p> <p>CO 2 Students understood the financial system and its operation</p> <p>CO 3 Students understand the nature of banking business and practices</p> <p>CO 4 Students understand the changing nature of financial system</p> <p>CO 5 Students equipped explain and make use of the E-Banking services</p>
<p>S.Y. B.Com</p> <p>MACRO ECONOMICS</p>	<p>CO 1 The macro variables and nature and scope of macroeconomics.</p> <p>CO 2 The relevance of national income concepts and their applications</p> <p>CO 3 Process of value of money determination.</p> <p>CO 4 Theory of output and employment generation.</p> <p>CO 5 Theories of trade cycle in connection with business.</p>
<p>S.Y. B.Com</p> <p>ENGLISH FOR BUSINESS COMMUNICATION</p>	<p>CO 1 To enable the students to develop communication skills in English</p> <p>CO 2 To equip the students with the language skills for use in their personal, academic and professional lives</p> <p>CO 3 To help students to enter the job market with confidence and develop their ability to work effectively</p> <p>CO 4 To help students to learn and practice language skills and soft skills</p> <p>CO 5 To enable the students to cultivate a broad, humane and cultured outlook.</p>

<p>S.Y. B.Com</p> <p>BUSINESS STATISTICS</p>	<p>CO 1 to summarize data by means of measures of central tendency and dispersion.</p> <p>CO 2 to explain the merits and demerits of various measures of central tendency and dispersion.</p> <p>CO 3 to explain the scope of statistics in business and apply sampling techniques in real life.</p> <p>CO 4 to carryout, analysis of bivariate data using simple correlation and simple linear regression</p>
<p>T.Y. B.Com</p> <p>Business Regulatory frame Work</p>	<p>CO 1 Demonstrate knowledge and understanding of the Business Regulatory Framework, which is currently in operation in India.</p> <p>CO 2 Make applications of the legal implications to everyday living and business activities.</p> <p>CO 3 Cause awareness and practice highest level of integrity in business transactions or any other contractual obligations</p> <p>CO 4 Communicate effectively on all legal matters and become law abiding citizens.</p>
<p>T.Y. B.Com</p> <p>Business Environment</p>	<p>CO 1 Students will understand the Indian and global economic environment.</p> <p>CO 2 Students will equip with proper knowledge of Indian economic planning.</p> <p>CO 3 Students will enable with the knowledge of the plans and strategies toward foreign capital and multinational corporations</p>
<p>T.Y. B.Com</p> <p>Modern Management Practice</p>	<p>CO 1. To impart knowledge of modern management</p> <p>CO 2. To understand concepts of CRM</p> <p>CO 3. To know the concepts of emotional and social intelligence</p> <p>CO 4. To understand the concept of lean and talent management</p>
<p>T.Y. B.Com</p> <p>Co-operative Development</p>	<p>CO 1. To study the cooperative legislations and fund management</p> <p>CO 2. To understand the institutional arrangement for cooperative education and training</p> <p>CO 3. To understand the nature, registration, legislation and audit of housing cooperatives</p>
<p>T.Y. B.Com</p> <p>Advanced Accountancy Paper - I</p>	<p>CO 1. Practice the preparation of financial statements of banks.</p> <p>CO 2. Demonstrate accounting for farms and hire purchase system.</p> <p>CO 3. Simulate accounting situations of insurance claim. 4. Explain the accounting process on Tally with GST</p>
<p>T.Y. B.Com</p> <p>Advanced Accountancy (Audit)Paper - II</p>	<p>CO 1. To understand the concept and types of audit</p> <p>CO 2. To identify the residential status and its implication on tax liability</p> <p>CO 3. To understand the concept of exemption from income</p> <p>CO 4. To know the computation of income from various sources as well as total income</p>

<p>T.Y. B.Com Advanced Accountancy Paper - III</p>	<p>CO 1. Practice the preparation of financial statements of banks CO 2. Demonstrate accounting for farms and hire purchase system CO 3. Simulate accounting situations of insurance claims. CO 4. Explain the accounting process on tally with GST</p>
<p>T.Y. B.Com Advanced Accountancy (Taxation)Paper - IV</p>	<p>CO 1. To understand the basic concepts of income tax and basis of charge CO 2. To identify the residential status and its implication on tax liability CO 3. To understand the manner of computation of total income CO 4. To understand the manner of computation of total income under each head</p>
<p>T.Y. B.Com Industrial Management</p>	<p>CO1: Understanding the concept Industrial Management CO2: Acquaintance with the Work Environment. CO3: Acquaintance with the Human Resource Management CO4: Knowledge about the Human Resource Management</p>

BACHELOR OF COMPUTER APPLICATION

SEMESTER- I Problem Solving Techniques using C

1. Illustrate the flowchart and designing an algorithm for a given problem to develop c programs using operators.
2. Exercise user defined functions to solve real time problems.
3. C programs that use pointers to access arrays, strings and functions.
Exercise user defined data types including structures and unions to solve problems.
4. Exercise files concept to show input and output of files in c.

C Programming Lab

1. To write programs to understand selection and iterative statements.
2. To write programs to implement usage of 1D and 2D arrays. CO3: To develop code reusable programs using user defined functions.
3. To write programs to solve memory access problems using pointers.
4. To write programs using user defined datatypes. CO6: To develop programs to learn file handling mechanism.

Digital Electronics/Computer Organization

1. Interpret the functional architecture of computing systems. (Understanding)
2. Classify and compute the performance of machines.
3. Understand how to implement memory chips, boards, modules and caches.
4. Relate to arithmetic for ALU implementation

Digital Electronics Lab/Office Automation Lab

1. Students learn the various word processing features which is very helpful in preparing project reports and other documentations in future.
2. Students learn the features of electronic spreadsheets which is a prerequisite in any global market.
3. Students learn the skills of giving professional presentations which is an absolute necessity of the current.

Discrete Mathematics

1. Write an argument using logical notation and determine if the argument is or is not valid.
2. Demonstrate the ability to write and evaluate a proof or outline the basic structure, give examples of each proof technique described.
3. Understand the basic principles of sets and operations in sets.
4. Prove basic set equalities.
5. Apply counting principles to determine probabilities.
6. Demonstrate an understanding of relations and functions and be able to determine their properties.
7. Demonstrate different traversal methods for trees and graphs.
8. Model problems in Computer Science using graphs and trees.

SEMESTER -II

Data structures

1. Demonstrate different methods for traversing trees.
2. Compare alternative implementations of data structures with respect to performance.
3. Compare and contrast the benefits of dynamic and static data structures implementations.
4. Discuss the computational efficiency of the principal algorithms for sorting, searching.

Data Structures Lab

1. To inculcate logical thinking amongst the young minds.

Database Management System

1. Familiarization with Database Management System.
2. Comprehensive knowledge of database models.
3. Ability to code database transactions using SQL.
4. Skill to write PL/SQL programs.
5. Be familiar with a commercial relational database system(Oracle) by writing SQL using the system.
6. Be familiar with the relational database theory, and be able to write relational algebra expressions for queries.
7. sound design principles for logical design of databases, including the E-R method and Normalization approach.
8. Usage of DML and TCL statements.
9. Master the basics of PL/SQL Composite Data types like Procedures, Functions, Packages and Triggers.

Numerical and Statistical Methods

1. Demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems.
2. Apply numerical methods to obtain approximate solutions to mathematical.
3. Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential.
4. Analyze and evaluate the accuracy of common numerical methods.

SEMESTER- III

Object Oriented Programming using C++

1. Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects.
2. Implement dynamic memory allocation techniques & different types of functions.
3. Apply and implement major object oriented concepts like message passing, function overloading, operator overloading and inheritance to solve real-world problems.
4. Learn Objects, Classes, Methods, Constructors and Destructors.
5. Describe & implement the concept of constructor, destructor & operator overloading.
6. Learn about Inheritance: Single Inheritance, Multiple Inheritance, Multi-level Inheritance, Hierarchical Inheritance and Hybrid Inheritance.
7. Classify & implement inheritance with the concept of virtual functions and polymorphism.
8. Implement the console I/O operations & templates 6 Apply advanced techniques such as exception handling and file handling.
9. To study the designing of complex classes: Friend Functions and Static member functions Inline functions.
10. For resolving run-time errors implementation of Try-Catch and finally block using Exception Handling mechanism.
11. Develop applications using Console I/O and File I/O to deal with large data set.

C++ Lab

1. Familiarization with a widely used programming concept – Object Oriented Programming AND Develop logical thinking.
2. Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects.
3. Implement dynamic memory allocation techniques & different types of functions.
4. Apply and implement major object oriented concepts like message passing, function overloading, operator overloading and inheritance to solve real-world problems.
5. Learn Objects, Classes, Methods, Constructors and Destructors.

6. Implement the concept of constructor, destructor & operator overloading.
7. Learn about Inheritance: Single Inheritance, Multiple Inheritance, Multi-level Inheritance, Hierarchical Inheritance and Hybrid Inheritance.
8. Implement inheritance with the concept of virtual functions and polymorphism.
9. Implement the console I/O operations & templates 6 Apply advanced techniques such as exception handling and file handling.
10. Designing of complex classes: Friend Functions and Static memberfunctions, Inline functions.
11. For resolving run-time errors implementation of Try-Catch and finally block using Exception Handling mechanism.
12. Develop applications using Console I/O and File I/O to deal with large data set.

SEMESTER -IV

Financial Accounting and Management

1. Identify events that need to be recorded in the accounting records.
2. Develop the skill of recording financial transactions and preparation of reports.
3. Describe the role of accounting information and its limitations.
4. Identify and analyze the reasons for the difference between cash book and pass book balances.
5. Recognize circumstances providing for increased exposure to errors and frauds.
6. Determine the useful life and value of the depreciable asset.

Accounting Package Lab

1. Identify events that need to be recorded in the accounting records.
2. Develop the skill of recording financial transactions and preparation of reports.

Operating System

1. Analyze the structure of OS and basic architectural components involved in OS design.
2. Analyze and design the applications to run in parallel either using process or thread models of different OS.
3. Analyze the various device and resource management techniques for timesharing and distributed systems.
4. Understand the Mutual exclusion, Deadlock detection and agreement protocols of Distributed operating system.
5. Interpret the mechanisms adopted for file sharing in distributed Applications.
6. Conceptualize the components involved in designing a contemporary OS.

Visual Programming

1. Determine logical alternatives with VB decision structures.
2. Implement lists and loops with VB controls and iteration.
3. Separate operations into appropriate VB procedures and functions.
4. Assemble multiple forms, modules, and menus into working VB solutions.
5. Create VB programs using multiple array techniques.
6. Build integrated VB solutions using files and structures with printing capabilities.
7. Translate general requirements into data-related solutions using database concepts.
8. Learn and Design applications using VC++ concepts like dialogboxes, menus etc.

Visual Programming Lab

1. The student will use VB to build Windows applications using structured and object-based programming techniques. Students are exposed to the following concepts and skills at an Introductory conceptual level.

Unix Shell programming

1. Able to understand the use of OOPs concepts.
2. Able to solve real world problems using OOP techniques.
3. Able to develop and understand exception handling, multithreaded applications with synchronization.
4. Able to design GUI based applications and develop applets for web applications.

5. Able to handle IO streams Use and create package and interfaces in a Java program.

Unix Lab

1. student will be able to do shell programming on UNIX OS.

Operation Research

1. Identify and develop operational research models from the verbal description of the realsystem.
2. Understand the mathematical tools that are needed to solve optimization problems. Use mathematical software to solve the proposed models.

SEMESTER -V

Data Communication and Networks

1. Explain the local, metropolitan and wide area networks using the Standard OSI reference model.
2. Discussion of various networking technologies. Explain the concepts of protocols, network interfaces and design of performance issues in local area networks and wide area networks.
3. Describe about wireless networking concepts, contemporary issues in networking technologies, network tools and network programming.

Software Engineering

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provides leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Computer Architecture

1. Analyze some of the design issues in terms of speed, technology, cost, performance.
2. Design a simple CPU with applying the theory concepts.
3. Use appropriate tools to design verify and test the CPU architecture.
4. Learn the concepts of parallel processing, pipelining and inter processor Communication.

Java Programming

1. Able to understand the use of OOPs concepts.
2. Able to solve real (time) problems using OOP techniques.
3. Able to understand the use of abstraction.
4. Able to understand the use of Packages and Interface in java.
5. Able to develop and understand exception handling, multithreaded applications with synchronization.

Java Programming Lab

1. Write Java application programs using OOP principles and proper program structuring.
2. Write programs using Java collection API as well as the java standard class library.
3. write java programs using inheritance, exceptions, threads, graphics and streams.

Microprocessor and Assembly Language

1. The student will be able to select an appropriate 'architecture' or program design to apply to a particular situation; e.g. an interrupt-driven I/O handler for a responsive real-time machine.
2. the student will be able to design and build the necessary assembly language programs using various 8085 instructions.
3. The student will be able to characterise and predict the effects of the properties of the bus on the

overall performance of a system.

4. Understand the taxonomy of microprocessors and knowledge of contemporary microprocessors.

Microprocessor and Assembly Language Lab

1. Understand the taxonomy of microprocessors and knowledge of contemporary microprocessors.

Project

1. Allows a student to demonstrate their capabilities while working independently.
2. Ability to apply desired skills for doing research.
3. Ability to work with their peers, building teamwork and group.

SEMESTER- VI

Theory of Computation

1. Distinguish different computing languages and classify their respective types.
2. Recognize and comprehend formal reasoning about languages.
3. Explain the models of computation, including formal languages, grammars and automata, and their connections.
4. State and explain the Church-Turing thesis and its significance.
5. Analyze and design finite automata, pushdown automata, Turing machines, formal

languages, and grammars.

System Programming

1. Identify and develop operational research models from the verbal description of the real system. Understand the mathematical tools that are needed to solve optimization problems. Use mathematical software to solve the proposed models.
2. Develop a report that describes the model and the solving technique, analyses the results and propose recommendations in language understandable to the decision-making processes in Management Engineering.

Web Programming

1. Understand the major areas and challenges of web programming.
2. Distinguish web-related technologies.
3. Use in HTML5, CSS3, JavaScript.
4. Use a server-side scripting language, PHP.
5. Use a relational DBMS, MySQL.
6. Design and implement of typical static web pages and interactive web.

Web Programming Lab

1. To understand design and implement typical static web pages and interactive web applications.
2. Also to design dynamic web applications.

Project Work

1. Allows a student to demonstrate their capabilities while working independently.
2. Ability to apply desired skills for doing research.
3. Ability to work with their peers, building teamwork and group skills.
4. Plan for their future technology.

Computer Application and Information-Technology

1. Apply the knowledge of mathematics, science and computing in the core information technologies.
2. Identify, design, and analyze complex computer systems and implement and interpret the results from those systems.



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