

Jayprakash Education Society's

Dr. Babasaheb Ambedkar Mahavidyalaya

Barrister Tatyasaheb Mane Vidyanagar, Peth Vadgaon Tal- Hatkanangale, Dist- Kolhapur, 416112 (MS)

Programme Outcomes, Programme Specific Outcomes and Course Outcomes

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 beable to:

Cognitive Skills:

- Understand knowledge in the field of Commerce, Management, Banking, Entrepreneurshipand Environmental issues.
- Analyse organisational problems and generate realistic solutions based on current academicresearch in organisational behaviour.
- Demonstrate a knowledge of macroeconomic and microeconomic theories as it relates tomarkets, firms, government policies, and resource allocation.
- Apply basic mathematical and statistical skills necessary for analysis of a range of problems neconomics, 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 frameworksin 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 inone/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 contextsocio-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 onthem.
- 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. Bachlor 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 he discipline.
- Identify, formulate, and develop solutions to computationalchallenges.
- 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 varioussoftwares.

- Will be familiar with working with various operating systemplatforms.
- 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 toolsnecessary for
- Designing of correct models in the construction of software systems of varying complexity.



Dr. Babasaheb Ambedkar Mahavidyalaya Peth Vadgeon, Dist. Kolhapur, Maharashtri

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 benefitanalysis 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 freedom fighters 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 inComputations 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 inthe global software market.
- Will also be eligible to persue MCA, DAAD, GRE-TOFEL for MSdegree.
- 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 acontemporary OS.
- Develop a report that describes the model and the solving technique, analyse the results

and propose recommendations in language understandable to the decision-making processes in Management Engineering.

- The student will be able to analyse, specify, design, write and test assembly language programs of moderate complexity.
- Have an overview of how the theoretical study in this course is applicable to and engineering application like designing the compilers.



Dr. Babasaheb Ambedkar Mahavidyalaya Peth Vedgeon, Dist. Kolhapur, Maharashtra

DEPARTMENT OF MARATHI

B.A.I Marathi (Comp.) CGE-1 Sem. l Paper- A (शब्दसंहिता)

- १. विद्यार्थ्यामध्ये मराठी भाषा व साहित्याविषयी अभिरूची विकसीत केली.
- २. विद्यार्थ्यांना मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय झाला.
- ३. विद्यार्थ्यामध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण झाली.
- ४. विद्यार्थ्याचा व्यक्तिमत्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी कशी करावी याची जाणीव झाली.
- ५. विद्यार्थ्यामध्ये निबंधलेखनाच्या माध्यमातून भाषा उपयोजनाची कौशल्ये विकसित झाली.

B.A.I Marathi (Comp.) / CGE 2 Sem. II Paper- B (शब्दसंहिता)

- १. विद्यार्थ्यामध्ये मराठी भाषा व साहित्याविषयी अभिरूची विकसीत झाली.
- २. मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय करून दिला.
- ३. विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि मानवी मूल्यांविषयी जाणीव निर्माण झाली.
- ४. विद्यार्थ्यांचा व्यक्तिमत्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी कशी आसावी याची जाणीव झाली.
- ५. निबंधलेखनाच्या माध्यमातून भाषा उपयोजनाची कौषल्ये विकसित झाली.

B.A.I Marathi (Opt.) DSC-A1 Sem. I Paper-1 (अक्षरबंध)

- १. विद्यार्थ्यांमध्ये मराठी भाषा आणि साहित्याविषयी अभिरुची विकसित झाली.
- २. मराठी साहित्यातील परंपरा, लेखक, कवी इत्यादींची ओळख झाली.
- ३. विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण झाली.
- ४. विद्यार्थ्यांचा व्यक्तिमत्व विकास होण्याबरोबरच स्पर्धात्मक परीक्षांची पूर्वतयारी झाली.
- ५. चित्रपट आणि प्रसारमाध्यमे यांच्या लेखन आणि उपयोजनाचा अवकाश वाढविला.

B.A.I Marathi (Opt.) DSC-A13 Sem. II Paper-2 (अक्षरबंध)

१. विद्यार्थ्यांमध्ये काव्यलेखनाविषयी आवड निर्माण झाली.

- २. मराठी काव्यपरंपरेच्या इतिहासाविषयी जाणिव जागृती झाली.
- ३. विद्यार्थ्यांमध्ये काव्यामधील जीवनमूल्ये रुजवली गेली.
- ४. मराठी साहित्यातील उपयोजित मराठी या प्रकारचे आकलन झाले.
- ५. मराठीतील लेखन पत्रकारांची माहिती झाली.

B.A.II Marathi (Opt.) DSC-C1 Sem. III Paper-3 पाठयपुस्तक : काय डेंजर वारा सुटलाय

- १. विद्यार्थ्यांमध्ये नाटक या वाड:मय प्रकाराचे आकलन झाले.
- २. नाटकातून समकालीन समस्यांची जाणिव झाली.
- ३. नाटयक्षेत्रातील ज्ञानसंपादनास चालना मिळाली.
- ४. अभ्यासातून सभ्यता, संस्कृती राष्ट्रीय एकात्मता व बंधुता वाढीस लागण्यास चालना मिळाली.
- ५. विद्यार्थ्यांमध्ये संवादलेखन कौशल्ये विकसित झाली.

B.A.II Marathi (Opt.) DSC-C2 Sem. IV Paper-4

पाठयपुस्तक : काव्यगंध

- १. मराठी काव्यपरंपरा व प्रवाहाची ओळख करून देता आली.
- २. मराठी काव्यातून चित्रित होणारा माणूस आणि समाज यातील परस्पर संबंध शोधता आले.
- ३. कवितेच्या कलात्मक आकृतीबंधाचे मोल अभ्यासता आले.
- ४. काव्यप्रवाहानुरूप काव्यलेखनाचे विषेश अभ्यासता आले.
- ५. प्रात्यक्षिकाव्दारे काव्यलेखन कौशल्य रुजविता आले.

B.A.II Marathi (Opt.) DSC-C2 Sem. V Paper-5 पाठयपुस्तक : माती, पंख आणि आकाश (आत्मचरित्र)

- १. आत्मचरित्र या वाङ्मयप्रकाराची ओळख झाली.
- २. इतर वाङ्मयप्रकार आणि आत्मचरित्र यातील अभिव्यक्त रुपांचा अभ्यास झाला.
- ३. आत्मचरित्रकाराच्या जडणघडणीतून प्रेरणा मिळाली.
- ४. वेगवेगळ्या भारतीय प्रांतातील व परदेशातील जीवनदर्शन घडून आले.
- ५. आत्मवृत्तपर लेखन कौशल्ये विकसित झाली.

B.A.II Marathi (Opt.) DSC-C26 Sem. VI Paper-6

पाठयपुस्तक- जुगाड (कादंबरी)

- १. कादंबरी वाङमयप्रकाराची ओळख झाली.
- २. समकालीन कादंबरीतील नव्या अवकाशाचा शोध घेऊन अधुनिकतेमधील आंतरविरोध समजून घेता आले.
- ३. मानवी मूल्यांविषयी जाणीव निर्माण झाली.

- ४. कादंबरी लेखनाचे विषेश अभ्यासले.
- ५. वृत्तांत लेखन कौशल्य रुजविता आले.

B.A.III Marathi Semi-V Paper No.7 (साहित्यविचार)

- १. पौर्वात्य, पाश्चात्त्य व आधुनिक भारतीय साहित्यशास्नाची ओळख झाली.
- २. ललित व ललितेत्तर साहित्याचे स्वरूप समजले.
- ३. साहित्याची लक्षणे आणि प्रयोजन आकलन झाले.
- ३. साहित्याची निर्मितीप्रक्रिया आणि स्वरूपाची माहिती झाली.
- ४. प्रतिभा शक्तीची ओळख झाली.
- ५. अलंकाराचे स्वरूप व महत्व कळाले.

B.A.III Marathi Semi-VI Paper No. 13 (साहित्यविचार)

- १. शब्दशक्तीचे स्वरूप व प्रकारांचे आकलन झाले.
- २. साहित्यातील रसप्रक्रियेचे स्वरूप समजले.
- ३. साहित्याची आस्वाद प्रक्रिया समजली,
- ४. साहित्यनिर्मितीमधील आस्वादाच्या आनंदाची मीमांसा केली.
- ५. विद्यार्थ्यांचा वाङमयीन दृष्टीकोण विकसित झाला.

B.A.III Marathi Semi-V Paper No. 8 (मराठी भाषा आणि भाषाविज्ञान)

- १. आधुनिक भाषाविज्ञानाचा परिचय करून घेता आला.
- २. भाषाविज्ञान आणि मराठी भाषा यांचा संबंध जाणून घेता आला.
- ३. भाषेची उत्पत्ती, स्वरूप व कार्य समजून घेता आली.
- ४. ध्वनिपरिर्वनाची कारणे व प्रकाराची माहिती मिळाली.
- ५. मराठी भाषेची वर्णव्यवस्था समजून घेण्यात आली.
- ६. मराठी भाषेबद्दल विद्यार्थ्यांमध्ये आवड विकसित केली.

B.A.III Marathi Semi-VI Paper No. 13 (मराठी भाषा आणि भाषाविज्ञान)

- १. अर्थपरिवर्तनाच्या कारणांची व प्रकारांची माहिती मिळाली.
- २. मराठीचा उगमकाळ व तिच्या जनकभाषेविषयी माहिती मिळाली.
- ३. मराठीची शब्दव्यवस्था समजली.
- ४. मराठी भाषेबद्दल विद्यार्थ्यांच्या मनात आवड विकसित झाली.

B.A.III Marathi Semi-V & VI Paper No.9 & 14 - मध्ययुगीन मराठी वाङ्मयाचा इतिहास : प्रारंभ ते इ.स. १५०० (XI) आणि मध्ययुगीन मराठी वाङ्मयाचा इतिहास : इ.स. १५०० ते इ.स. १८०० (XIV)

- १. मध्ययुगीन मराठी वाङ्मय परंपरांचा व इतिहासाचा परिचय झाला.
- २. या कालखंडातील वाङ्मय रचनाप्रकाराचा परिचय झाला.
- ३. या कालखंडातील वाङ्मय निर्मितीच्या प्रेरणांचा परिचय झाला.
- ४. या कालखंडातील सांस्कृतिक पार्श्वभूमीचा उलगडा झाला.
- ५ या कालखडातील प्रमुख संप्रदाय व ग्रंथनिर्मिती यांचा अनुबंध स्पष्ट झाला.
- ६. या कालखंडातील मराठी भाषेचे स्वरूपाचा अभ्यास करण्यास मिळाला.

B.A.III Marathi Semi-V Paper No. 10 (मराठी भाषा व अर्थार्जनाच्या संधी)

- १. विद्यार्थ्यांना सर्जनशील लेखनप्रक्रिया कळाली.
- २. विद्यार्थ्यांच्या उपयोजित सर्जनशील लेखनास दिशा मिळाली.
- ३. वैचारिक लेखनाच्या स्वरूपाविषयी माहिती दिली.
- ४. शोधनिबंध व प्रकल्पलेखन कौशल्य विकसीत झाली.
- ५. आंतरजालावरील मराठी लेखनपध्दती विषयी माहिती दिली.

B.A.III Marathi Semi-VI Paper No. 15 (मराठी भाषा व अर्थार्जनाच्या संधी)

- १. प्रसारमाध्यमांतील अर्थार्जनाच्या संधीचा परिचय करून दिला.
- २. विविध क्षेत्रातील भाषिक कौशल्ये विकसित झाली.
- २. लेखन, वाचन, भाषण आणि श्रवण या कौशल्याचा विकास झाला.
- ३. उद्योग व सेवा क्षेत्रात मराठी भाषेद्वारे अर्थार्जनप्राप्ती संदर्भात ज्ञान प्राप्त झाले.
- ४. मुद्रित शोधन पध्दतीची माहिती दिली.

B.A.III Marathi Semi-VI Paper No. 11 (वाङ्मयप्रवाहाचे अध्ययन : मध्ययुगीन)

- १. विद्यार्थ्यांना मध्ययुगीन महाराष्ट्र व महानुभव पंथ यांचा परिचय करून दिला.
- २. महानुभव वाङ्मयाच्या प्रेरणा व स्वरूप समजले.
- ३. महानुभव ग्रंथकार केसोबास यांचा परिचय करून दिला.
- ४. दृष्टांत पाठातील आशय स्वरूप व अभिव्यक्ती माहिती दिली.
- ५. दृष्टांत पाठातील भाषिक वैभवाचा परिचय करून दिला.

B.A.III Marathi Semi-VI Paper No. 16 (वाङ्मय प्रकाराचे अध्ययन : ललित गद्य) [व्यक्तीचित्रे]

- १. ललित गद्य वाङ्मय प्रकाराचा परिचय करून दिला.
- २. व्यक्तिचित्र संकल्पना व स्वरूप या विषयी माहिती दिली.
- ३. प्रवाह अनुरूप मराठीतील व्यक्ती चित्रांचे स्वरूप सांगितले.
- ४. 'मुलखावेगळी माणसं' मधील व्यक्तिविशेष यांचे आकलन झाले.
- ५. 'मुलखावेगळी माणसं' मधील शैक्षणिक सामाजिक, सांस्कृतिक, राजकीय, पर्यावरण आणि कौटुंबिक भावविश्व याविषयी माहिती दिली.
- ६. 'मुलखावेगळी माणसं' मधील ग्रामीण व उपेक्षितांच्या जीवनाचे चित्रण करून अभिव्यक्ती निवेदनशैली व भाषाविशेष याची माहिती दिली.

DEPARTMENT OF ENGLISH

B. A. I English for Communication

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

- 1. Acquaint with communication skills.
- 2. Acquire human values through poems and prose.
- 3. Apply language competence in practical usage

B. A. I Optional English: Modern Indian Writing in English Translation (CBCS)

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

1. Acquaint with translated Modern Indian literature in English.

2. Understand short story, genre of literature, as a form of literature with reference to the texts prescribed.

- 3. Develop literary competence for aesthetic pleasure.
- 4. Familiarize with translated Modern Indian literature in English.
- 5. Apprehend poetry and play as form of literature with reference to the texts prescribed.

6. Develop literary competence.

B. A. II English for Communication

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

- 1. Develop communication skills in English, both oral and written.
- 2. Acquaint with the language skills for use in their personal, academic and professional lives.
- 3. Get essential employability skills.
- 4. Enter the job market with confidence and the ability to work effectively.
- 5. Learn and practice both language and soft skills.
- 6. Involve actively in learning process.
- 7. Nurture a broad, humane and cultured outlook.

B. A. II Optional English Paper III & V: Literature and Cinema (CBCS)

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

- 1. Get acquaint with film and its relationship to literature.
- 2. Acquire film literacy through a working knowledge of basic film terminology.
- 3. Develop critical approaches to engage with film adaptations.
- 4. Understand literature through film adaptations of literary texts.
- 5. Acquaint with the issues and practices of cinematic adaptations.
- 6. Know film and its relationship to literature.
- 7. Acquire film literacy through a working knowledge of basic film terminology.
- 8. Develop critical approaches to engage with film adaptations.

B. A. II Optional English Paper IV & VI Partition Literature (CBCS)

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

- 1. Get awareness of the partition scenario.
- 2. Explain the hidden human dimensions of the partition.

3. Elaborate the impact of partition on society.

B. A. III English for Communication

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

- 1. Use communication skills in English.
- 2. Apply writing skills in Corporate Sector
- 3. Use correct English language
- 4. Learn and follow human values.

English Special Paper VII & XII: Introduction to Literary Criticism

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

- 1. Comprehend the major trends in literary criticism and the major critical concepts.
- 2. Study and understand the original contributions of critics to literary criticism.
- 3. Acquaint with the various literary movements.
- 4. Write critical appreciation of poetry.

English Special Paper VIII & XIII: English Poetry

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

- 1. Become curious reader of poetry.
- 2. Comprehend various movements and traditions of poetry.
- 3. Get intellectual, moral and linguistic pleasures.
- 4. Acquire competence to hear and read poems aloud and to memorize lines.

English Special Paper IX & XIV: English Drama

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

- 1. Read and enjoy drama scripts in English.
- 2. Understand main ideas and details in different kinds of dramatic scripts.

3. Improve listening comprehension of different types of spoken texts – for main ideas, details and speakers' attitudes and emotions.

4. Speak on a given topic for an extended period of time in an improvisation.

5. Speak clearly enough (pronunciation, stress, intonation) to be understood by classmates and audience.

6. Write dramatic scripts for different purposes and audiences.

7. Formulate, express and defend individual ideas and opinions in an improvisation.

English Special Paper X & XV: English Novel

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

- 1. Comprehend the novel as a literary genre.
- 2. Understand the literary tradition of English novel.
- 3. Acquaint with various types of Novel form.
- 4. Understand the elements of Novel.
- 5. Become good reader of Novel.

English Special Paper XI & XVI: Language and Linguistics After completion of this Course, the students will develop ability:

1. Understand the concepts of phonology, phoneme and allophone morphs, morphemes, allomorphs

and morphology.

- 2. Explain speech mechanism and organs of speech, speech sounds with three term labels.
- 3. Understand the various processes of word formation.
- 4. Distinguish between form and function of the words.
- 5) Identify six classes of phrase and form and function labels of phrases.
- 6. Understand various types of clauses and the structure of complex sentences in English.
- 7. Comprehends the cohesive devices.
- 8. Develop the ability for discourse analysis.
- 9. Develop and use language learning strategies for all language skills.

DEPARTMENT OF ECONOMICS

BA I Indian Economy Paper No I & II Sem. I &II

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

B. A. II- Cooperation (IDS) Paper No III & IV

- 1. Comprehend the meaning and principles of Co-operation.
- 2. Comprehend the agricultural and Non-agricultural Credit Co-operative institutions.
- 3. Comprehend the Co-operative credit system.
- 4. Comprehend the important cooperative organizations.
- 5. Comprehend the cooperative legislations and fund management.
- 6. Understand the institutional arrangement for cooperative education and Training.
- 7. Understand the nature, registration, legislation and audit of housing Cooperatives.
- 8. Understand the cooperative audit system and provisions

B.A-II Banks and Financial Institutions Paper No IV & VI

- 1. Understand the meaning, function and role of commercial banking.
- 2. Comprehend the procedure of an account opening, operating and closing.
- 3. Know the structure, function and role of RBI in economic development.
- 4. Judge the progress of financial inclusion.
- 5. Evaluate the importance, characteristics and components of the Financial Market.
- 6. Understand the role and types of development banks and Non-Banking financial intermediaries.
- 7. Realize the banking reforms and Basel norms-I and II.
- 8. Identify recent trends in Indian Banking such as E- Banking, MICR Clearing, ATMs, Credit cards and Debit Cards, Travelers Cheques, Gift Cheques, Demat Account.

B.A.-II Paper No III & V Macro Economics

- 1. Identify the basic concepts and theories of Macroeconomics.
- 2. Become aware about changing macroeconomics policies and theories.
- 3. Understanding various concepts such as; GDP, GNP NNP, Personal Income, Disposable

Income, Per Capita Income, and National Income.

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

- 5. Realize the law of markets, consumption function and investment function.
- 6. Judge the role of fiscal policy and monetary policy in a Developing Economy.
- 7. Know features, phases and theories of trade cycles.
- 8. Evaluate types, merits and demerits of taxes.
- 9. Comprehend the role of public finance in developing economy.

B. A. III Economics (Semester V) (CBCS Pattern) Principles of Micro Economics (Elective Course- 7)

- 1. Explain what economics is and explain why it is important.
- 2. Understand consumer decision making and consumer behavior.
- 3. Define the concept of utility and satisfaction.
- 4. Derive revenue and cost figures as well as curves.
- 5. Understand producer decision making and producer behavior.

B. A. III Economics (Semester VI) (CBCS Pattern) Principles of Micro Economics (Elective Course- 12)

- 1. Identify the market structure.
- 2. Analyse the economic behaviour of individual firms and markets.
- 3. Analyse a firm's profit maximising strategies under different market conditions.
- 4. Understand the factor pricing.

B. A. III Economics (Semester V) (CBCS Pattern) Economics of Development (Elective Course- 8)

- 1. Identify the dimensions of development.
- 2. Distinguish the fundamental and contemporary development debate.
- 3. Know the theories of economic development.
- 4. Realise the role of state in economic development.

B. A. III Economics (Semester VI) (CBCS Pattern) Economics of Planning (Elective Course-13)

- 1. Acquaint with economic planning and its importance in development.
- 2. Acquaint with development of planning and planning machinery in India.
- 3. Evaluate sectorial performance of the Indian economy.
- 4. Compare and analyses Indian models of economic development.

B. A. III Economics (Semester V) (CBCS Pattern) International Economics- I (Elective Course- 9)

- 1. Explain international trade.
- 2. Understand the measurement of gains from international trade.
- 3. Distinguish different rates of exchange.
- 4. Measure the terms of trade.

B. A. III Economics (Semester VI) (CBCS Pattern) International Economics- II (Elective Course- 14)

1. Distinguish between balance of trade and balance of payments.

- 2. Analyze the balance of payments.
- 3. Understand the various types of foreign capital.
- 4. Analyze the impact of international institutions on Indian economy.

B. A. III Economics (Semester V) (CBCS Pattern) Research Methodology in Economics- I (Elective Course- 10)

1. Acquaint with the basic concepts of research and its methodologies.

2. Select and define appropriate research problem and parameters.

B. A. III Economics (Semester VI) (CBCS Pattern) Research Methodology in Economics- II (Elective Course- 15)

- 1. Understand the sampling techniques as a method of data collection.
- 2. Use techniques of data analysis in research.
- 3. Write a research report and thesis.
- 4. Write a research proposal (grants).

B. A. III Economics (Semester V) (CBCS Pattern) History of Economic Thoughts- I (Elective Course- 11)

- 1. Understand the basic economic ideas of various economic thinkers of the world.
- 2. Understand the development of economic thoughts.

B. A. III Economics (Semester VI) (CBCS Pattern) History of Economic Thoughts- II (Elective Course- 16)

- 1. Understand the economic concepts and theories of Neo-Classical and Indian thinkers.
- 2. Understand the development of economic thoughts.

DEPARTMENT OF HISTORY

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

- 1. Become aware of the history of the Rise of Maratha Power with the emphasis on life and work of Chhatrapati Shivaji Maharaj.
- 2. Acquaint with the sacrifices made by Maratha leaders and people for the sake of freedom and sovereignty of the region.
- 3. Understand the Era of Marathas struggle in the history from 1600 to 1707. After that, Chhatrapati Shivaji Maharaj established the Maratha state. Later on, Chhatrapati Sambhaji, Chhatrapati Rajaram and Maharani Tarabai led the Maratha struggle of independence against the Mughal Rule.

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

- 1. Understand the period from 1600 to 1707 as 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 state.
- 2. Understand the political, socio-economic and religious life of the people during the period from 1600-1707. They will also get acquainted with the policy and contribution of Chhatrapati Shivaji Maharaj.

B. A. Part-II : Semester-III &IV Paper No. III & V - World Revolutions- I & II

- 1. Understand the importance of events which have happened in the modern period in the world.
- 2. Understand the profound impact of the events which were revolutionary in character in making of the modern world.
- 3. Understand the sudden transforming changes not only in the country in which they happened but also in the world in general. Most of them left a lasting effect on the thought and the socio-political and cultural conditions of mankind.

Semester-III & IV: Paper No. IV&VI Freedom Struggle of India - I & II

- 1. Understand the major events of India's freedom struggle and contribution of the freedom fighters to the making of modern India.
- 2. Understand significance of the sacrifices made by freedom fighters.
- 3. Understand the events of India's freedom struggle, its legacy and its contribution to the making of modern India.

B. A. Part-II: Semester-III & IV: I. D. S. History of Social Reforms in India and Social Reformers of Maharashtra

- 1. Understand the series of nineteenth and twentieth centuries social reform movements took place in India.
- 2. Understand advocated and supported changes of the reform movements in the traditional Indian society.
- 3. Understand propagation of the values of social justice and equality.
- 4. Understand the abolition of caste system and emancipation of women

5. Understand the social reform movements and their contribution with reference to India in general and Maharashtra in particular.

B.A. Part III: HISTORY: Semester-V & VI: Paper No. - VII - History of Ancient India (From Prehistory to 3rd C. BC)

- 1. Understand the Pre & Proto history such as Paleolithic to Mesolithic, Neolithic & Harappa Civilization.
- 2. Understand deeply insights into Ancient History and Civilization.
- 3. Acquaint with Vedic Culture, Early Vedic Culture, Later Vedic Culture & Megalithic Age.
- 4. Understand Ancient Indian History during 6th C. BC: Second Urbanization, 16 Mahajanapadas, Jainism and Buddhism.
- 5. Understand Ancient Indian Maurya Period Sources: Arthashastra and Indica, Major Kings and their achievements, Mauryan Administration, Religion (Ashoka's Dhamma) and Art.

Paper No. - XII- History of Ancient India (From 3rd C. BC to 7th C.AD)

- 1. Understand The Satavahanas and Kushanas Kingdoms in Ancient India: Sources Gatha Saptashati, Periplus of Erythrean Sea, Major Kings and their achievements: (i) Satkarni I, Gautamiputra Satkarni, Vasisthiputra Pulumavi (ii) Kanishka, Economy: Trade and Industry and Art and Architecture (Stupa and Cave Architecture)
- 2. Understand The Gupta-Vakataka Kingdoms: Kings and their achievements: Major Rulers of both dynasties, Society and Economy, Literature-sciences and Concept of Greater India, Religion & Art (Sculptures, Ajanta Paintings)-Architecture (Ajanta Caves and Beginning of Temples in MP) 3. Understand Post Gupta Period: Sources: Huen-tsan, Vardhans Kingdom: (brief political outline), Early Chalukyas (brief political outline), Early Pallavas (brief political outline).
- 3. Acquaint with Auxiliary Science for studying ancient India such as Archaeology-Meaning & Nature, Type of Excavations, Nature of archaeological remains, Iconography: Meaning & Nature, Mudra/Asanas, Attributes of Vishnu & Shiva icons, Epigraphy: Meaning & Nature, Types of Edicts, Major Edicts (Ashoka's Edicts, Aihole Edict), Numismatics: Meaning & Nature, Major Coins (PMC, Greek, Kushanas, Gupta).

Paper No. - VIII - Political History of Medieval India (1206 to 1707 A.D.)

- 1. Understand the Sources such as Literary Sources of Medieval Indian History like TarikhiFruzshahi (Ziauddin Barani), Akbarnama, Amuktyamalyda, Gulashan-e-Ibrahimi, Archaeological and Foreign travelers' account: Ibn Batuta, Bernier, Domingo Paes.
- 2. Understand Major Sultans in Medieval India such as Allauddin Khilaji, MuhammadbinTughlaq and their Administrative Systems-Iqta.
- 3. Understand Medieval Indian Mughal Emperors such as Akbar, Aurangzeb and their Administrative Systems-Mansab and Jagir.
- 4. Understand contemporary Provincial Major Rulers in Medieval Period such as Krishnadevraya, Ibrahim Adilshah II and Chandbibi

Paper No. - XIII- Socio-Economic and Cultural History of Medieval India (1206 to 1707 A. D.)

- 1. Understand the Rural Economy and Society during Medieval period such as Agriculture and Irrigation, Land revenue system and Village Community.
- 2. Understand Industry and Trade during Medieval period such as Industry, Trade: internal and external and Trading Communities.
- 3. Understand Religion and Culture in Bhakti Movement (Tulasidas, Kabir), Sufi and Sikhs of Medieval India.
- 4. Understand Cultural Development in the Medieval Indian arts such as Visual (Paintings, Calligraphy, Sculpture), Performing Art (Music, Dance, Vocal), Architecture (Sultanate, Mughal, Adilshahi, Vijaynagar).

Paper No. - IX - India since Independence –I

- 1. Understand the major developments and the status After independence India.
- 2. Understand the establishments of major political parties in Post-Independence India.
- 3. Understand the Agriculture Development in Post-Independence India.
- 4. Understand the Industry & Trades developments in Post-Independence India.

Paper No. - X IV - India since Independence –II

- 1. Understand the Selected Foreign policies in Post-Independence India. Such as Non alignment movement and India's role in international politics: U.S.A and U.S.S.R, India's relation with neighboring countries: SAARC
- 2. Understand Indian Problems such as Students unrest, Nav Nirman Andolan, Emergency and role of Jaiprakash Narayan, Terrorism in Punjab and Naxlas, Naxalism and Maoism.
- 3. Understand Movements in Post-Independence India such as Environmental movements, Women's movements, Manjushri Sarda Case and Bhavridevi Case, Movements of Depressed Classes, Namantar Chalval.
- 4. Understand the world Globalization in favour of Post-Independence Indian Liberalization and Privatization since 1992: Concept, Merit and Demerit.

Paper No. - X - History of the Marathas (1707-1818)

- 1. Understand Internal Warfare of Marathas.
- 2. Understand how the Maratha power had been transferred to Peshwas.
- 3. Understand the details regarding the expansion of Maratha power.
- 4. Understand how the Britisher's defeated to Maratha power.
- 5. Understand Socio-Economical and Cultural Situation in Peshava Period.

Paper No. - XV - Modern Maharashtra (1960 to 2000)

- 1. Understand the Formation of Maharashtra state such as Linguistic reorganizations of states in Indian context, Associated(Samyukta) Maharashtra movement and the Roles of major political parties and personalities in it.
- 2. Understand the Maharashtra State Economy such as Agricultural (commercialization of Agricultural), Irrigation, Industry (Cooperative movement, MIDC) Trade (Import and Export etc.)
- 3. Understand the Social movements (with special reference to western Maharashtra)-Peasant and workers movement: Dam affected and landless people, Dalit movement, Progressive movements: Blind Faith Eradication Committee (Andh shradha Nirmulan samiti's work).

4. Understand Cultural Life in Maharashtra such as Arts (drama and films), Visual arts festival (painting and sculpture), and Marathi literature.

Paper No. - XI - Introduction to Historiography

- 1. Achieve applied and practical approach towards history.
- 2. Understand Meaning of History, Kinds of History and Auxiliary Sciences.
- 3. Understand the Process of History Writing such as Selection of Topic, Chapter scheme, Evaluation of Sources and Presentation.
- 4. Understand how to acquire Primary Historical Sources such as Survey, Interview, questionnaire, Archives and Newspapers, Internet, Radio, T.V., Short films etc.
- 5. Understand the Process of History Writing such as Selection of Topic, Chapter scheme, Evaluation of Sources and Presentation.
- 6. Understand the Tools of Writing History- Notes Taking and End Notes, Index and bibliography and Dating.

Paper No. - XVI - Applications of History

- 1. Know the information of Museums: Definition and nature of Museum, Types of Museum with reference to Study of Chhatrapati Shivaji Maharaj Vastusangrahalaya Mumbai (Prince of Wales) as a case study.
- 2. Understand Historical Tourism: Concept and Nature, Importance of Tourism for History, with the Destinations such as Ajanta and Ellora Caves, Raigad and Devgiri (Daulatabad) Forts.
- 3. Understand Conservation and Preservation of rare Documents, Paintings and Monuments.
- 4. Come to know how to make Careers in History: Tourism Industry, Museums and Archives, Importance of History for the preparation of Competitive Examinations.
- 5. Get practical knowledge of Visits to Historical places and Museums.

DEPARTMENT OF SOCIOLOGY

B. A. I I Introduction to Sociology After completion of program me students will able to

- 1. Understand the structure of Society.
- 2. Understand the structure of Social Culture & Socialization.
- 3. Understand the functions of the social Institutions.
- 4. Comprehend the basic concept of Sociology, subject matter and importance of Sociology and origin and development of sociology.
- 5. Understand in brief the knowledge of human Society and Sociology.

Paper No. II Applied Sociology

- 1. Understand the role of Medias in the Society.
- 2. Understand the career opportunities in future throw Sociology.
- 3. Understand the student's Social change & modern society.

B. A. II Paper No. III Social Issues in India

- 1. Understand the nature of social problems in India.
- 2. Provide the solutions by the students according social issues.
- 3. Understand the nature of current socio, cultural, Economics & Legal Issues (Old Age, Female Feticide, Urbanization, Unemployment, &Cyber Crime etc.)
- 4. Become aware of Contemporary Social Problems in India.

Paper No. IV Social Movements in India

- 1) Understand the nature of Social Movements in India (Peasant Dalit & Trials).
- 2) Understand, the important of social movement.
- 3) Understand the varieties of ideas & debates about India.
- 4) Understand the multiple socio-political forces, ideologist with shape the Nations.
- 5) Become aware of Contemporary Social Movements in India.

Paper No. IV V Gender and Violence

- 1) Understand Nature the Gender & Violence.
- 2) Become aware in Gender Equality.
- 3) Understand the Domestic violence.
- 4) Become aware of Sexual Harassments at Workplace throw Vishakha Guideline Act.2013

Paper No. VI Sociology of Health

After completion of program me students will able to

- 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 V Paper NO VII. Western Sociological Thinker

1) Acquaint with the sociological thought of the Pioneers of Sociology.

- 2) Become aware of the perennial of structure versus agency.
- 3) Understand Social facts & characteristics.
- 4) Use theory in society

Paper No VIII Methods of Social Research

- 1) Impart basic Research Skills.
- 2) Introduce various steps in conducting research.
- 3) Acquaint with different types of research and issues in research.
- 4) Understand the utility of social research for social development.

Paper No XI POLITICAL SOCIOLOGY

- 1) Comprehend the embeddedness of political and the social in each other.
- 2) Become familiar with different theoretical and conceptual issues in political sociology and develop capacity to use them to grasp political phenomena in a cross-cultural and comparative perspective.
- 3) Understand and appreciate the diversity of ways in which politics operates historically and spatially to generate a more expansive notion of the realm of the political.
- 4) Understand the relationship between state and society in shaping politics in India both historically and analytically.
- 5) Generate hypotheses and research questions within the theoretical perspectives and ethnographic contexts in political sociology.

Paper No X Human Rights

- 1) Understand about the Human Rights.
- 2) Identify issues and problems relating to the realization of human rights.
- 3) Understand the nature & role of human rights in India.
- 4) Contribute to the resolution of human rights issues and problems.
- 5) Educate the society about the human rights and duties in order to create responsible citizenry

Paper No.Xi Sociology of Religion

- 1) Acquaint with representative texts that symbolize the development of knowledge in the field of Sociology of Religion.
- 2) Identify different theories, approaches and concepts that make up the study of religion,
- 3) Distinguish between the men also use terms specific to the field in specific context.
- 4) Make a link between texts and paraphrase their argument and use these to communicate their ideas in research papers, projects and presentations.

Paper No XII Indian Sociological Thinkers

- 1. Introduce the diversification in Indian society through the different ideologies given by various Indian Sociologists.
- 2. Become sensitive of the contemporary Indian issues.
- 3. Understand to Indian Sociological Thinkers Theory

Paper No XIII (Part-II) Methods of Social Research

- 1. Impart basic Research Skills.
- 2. Introduce various steps in conducting research.
- 3. Acquaint with different types of research and issues in research.

Paper No. VIX Social Anthropology

- 1. Introduce the Indian Rural Social Structure
- 2. Understand the nature of village studies conducted by different Indian Sociologists.
- 3. Discuss the changing power structure in rural Community.

Paper No. XV Rural Sociology in India

- 1. Understand the workers' role and workers' relations with industrial organization.
- 2. Analyze the changing trends in industrial relations.

Paper No. XVI Urban Sociology

- 1. Understand terms and concepts of Social Welfare with its historical background.
- 2. Introduce the Function for various Social welfare department.
- 3. Use knowledge of Social Welfare in day to day life practices.
- 4. Analyze critically Indian Social Welfare and Government.

DEPARTMENT OF POLITICAL SCIENCE

B. A. I Paper No. I and II - Introduction to Political Science and Indian Constitution

- 1. Learn the political process and Indian Constitution.
- 2. Increase knowledge of the political science discipline.
- **3.** Introduce the Indian Constitution with a focus on the role of the Constituent Assembly and examining the essence of the Preamble.
- 4. Examine the Fundamental Rights and Duties of Indian citizens with a study of thesignificance and status of Directive Principles.
- 5. Assess the nature of Indian Federalism with focus on Union-State Relations.

B. A. II Paper No. III, IV and V, VI - Political Process of India, Indian Political Thoughts and Local Self Government in Maharashtra

- 1. Realize the governing process.
- 2. Understand the history of political ideology and political thoughts from ancient and ModernIndia.
- 3. Understand Decentralization process in India and Maharashtra.
- 4. Promote participate of students in local governing process.
- 5. Trace the evolution of Indian political thought from ancient India to modern India.
- 6. Assess the various National and State Political parties in India.

B. A. III

Paper No. VII and XII - Modern Government and Modern Political Concepts

- 1. Get theoretical knowledge and conceptual framework of the student is expanded.
- 2. Understand the history of political concept.
- **3.** Increase recognition of the major problems, the leading policies, and the legal issuesconfronting contemporary political systems.
- **4.** Link theory and practice and to apply political science knowledge and skills to actualproblem-solving and community service.

Paper No. VIII and XIII – Public Administration and Administrative Thinkers

- 1. Explain the nature, scope and evolution of Public Administration; Private and PublicAdministration; Principles of Socialist Management.
- 2. Discuss making of Public Policy Making and methods of Implementation.
- 3. Analyse the major Concepts in Public Administration.
- **4.** Trace the Challenges in the discipline of Public Administration like New Public Administration (NPA); Comparative Public Administration (CPA) and DevelopmentAdministration.
- **5.** Analyse the Administrative Processes: decision making; communication and control; leadership; co-ordination.
- 6. Discuss Webern and Marxian theories of bureaucracy
- 7. Analyse the Civil Service in India.

Paper No. IX and XIV - International Politics and Foreign Policy of India

- 1. Analyse and explain contemporary international phenomena, including identifying and assessing the positions and interests of key international subjects.
- 2. Identify important historical continuities and changes in international relations and in themachinery of diplomacy.
- **3.** Explain scope and subject matter of International Relations as an autonomous academicdiscipline.
- **4.** Approach and methods to study the discipline through Political realism, Pluralism andWorlds system's Model.
- **5.** Examine the issues of Underdevelopment, Terrorism, Regionalism and Integration thatcharacterizes the Post-cold war order.

Paper No. X and XV - Constitution of United State of America, China and Sweden

- **1.** Trace the evolution of Comparative Politics as a discipline and drawing a distinction between Comparative Politics and Comparative Government.
- 2. Investigate the nature and scope of Comparative Politics.
- **3.** Analyse the approaches the approaches and models of comparison: systems analysis; structural functionalism; and institutional approach.
- **4.** Analyze critically the features of a liberal democratic and socialist political system with focus on UK, USA and the People's Republic of China.
- **5.** Discuss the features of a federal system with special reference to USA and China.
- **6.** Look critically at the rights of the citizens of UK, USA and PRC from a comparative perspective.

Paper No. XI and XVI – Classical Western Political Thought and Modern WesternPolitical Thought

- 1. Provide an insight into the dominant features of Ancient Western Political Thought: Ancient Greek political thought with focus on Aristotle and Plato; Roman Political Thought: its contributions with special emphasis on the emergence of Roman law.
- 2. Examine the features of Medieval Political Thought.
- **3.** Evaluate the Renaissance; political thought of Reformation; and Machiavelli.
- **4.** Examine critically and contributions to the theory of various western political thinkers.

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. Acquire geographical values through interior of the earth, atmosphere in human beings life.
- 3. Apply geographical competence in practical usage.

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

- 1. Acquaint with different terms and definitions used in Human Geography.
- 2. Acquire the skill of maintaining environmental balance with reference to HumanGeography.
- 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 soilmanagement.

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 & IndianOcean.

5. Apply Hypsographic Curve, Wind Rose, 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 Indianeconomy.
- 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 humanhealth.
- 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 advancedTechniques 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

B.Com.I

After completion of this Course, the students will develop ability: Management, Principles and Applications

- 1. Understand basic management concepts, principles and practices.
- 2. Understand basic management functions.
- 3. Understand of basic management concepts, principles and practices.
- 4. Understand basic management functions.

Principles of Marketing

- 1. Get knowledge of concepts, principles, tools and techniques of Marketing.
- 2. Get basic knowledge of 4P's of marketing and retailing.
- 3. Understand the nature and objectives of Marketing Management.
- 4. Study the various functions of Marketing Management.

Insurance

- 1. Get the knowledge of the principles of life insurance and their importance.
- 2. Understand the concept of life insurance
- 3. Understand various products of Life Insurance.
- 4. Get the knowledge of the principles of Fire Insurance & Motor Insurance and their importance.
- 5. Get exposure to the provisions of Fire Insurance & Motor Insurance
- 6. Understand various documents and regulations required for Fire Insurance & MotorInsurance.

Financial Accounting

- 1. Become aware about the basic concepts of accounting and Accounting Standards.
- **2.** Simulate practice of accounting for Amalgamation and Conversion of partnership firm.
- **3.** Demonstrate accounting for Braches such as Dependent Branch and Independent Branch.
- 4. Practice the consignment accounting.
- **5.** Simulate practice of preparing financial statements for Profession such as Receipt andExpenditure A/c and Balance sheet.
- 6. Practice the fundamental accounting process through Tally ERP.

Micro Economics

- 1. Explain what economics is and explain why it is important.
- 2. Understand consumer decision making and consumer behavior.
- 3. Define the concept of utility and satisfaction
- 4. Derive revenue and cost figures as well as curves
- 5. Understand producer decision making and producer behaviour
- 6. Identify the market structure
- 7. Analyse the economic behaviour of individual firms and markets

8. Analyse a firm's profit maximising strategies under different market conditionsUnderstand the factor pricing

English for Business Communication (Compulsory English)

- 1. Acquaint with communication skills.
- 2. Inculcate human values through poems and prose.
- 3. Enrich the language and business competence.

B. Com II

Corporate Accounting

- 1. Explain the accounting entries of issue and forfeiture of shares and re-issue of forfeited shares, discuss accounting treatment for redemption of preference shares and buyback of shares.
- 2. Demonstrate accounting for issue of debentures and redemption of debentures.
- **3.** Simulate practice of preparing financial statements as per the provisions of IndianCompanies Act 2013.
- 4. Explain the accounting entries of profit/loss prior to incorporation.
- 5. Compute the value of shares as per distinct methods and differentiate between them.
- 6. Simulate practice of accounting for liquidation of companies.
- 7. Practice the fundamental accounting process and store accounting through Tally ERP.

Fundamentals of Entrepreneurship

- 1. Impart theoretical knowledge of Entrepreneurship
- 2. Develop Entrepreneurship qualities and skills
- 3. Acquaint with Steps involved in the formation of Small Enterprises
- 4. Enlighten with Recent Trends and Concepts in Entrepreneurship
- 5. Acquaint with family business in India
- 6. Impart conceptual knowledge of Service and Agro Entrepreneurship
- 7. Become aware about Business Plan and Project Report
- 8. Inspire through successful stories of Entrepreneurs

Business Statistics

- 1. Explain the scope of statistics in business, perform classification and tabulation, and represent the data by means of simple diagrams and graphs.
- 2. Explain and apply sampling techniques in real life.
- 3. Summarize data by means of measures of central tendency and dispersion.
- 4. Explain the merits and demerits of various measures of central tendency and dispersion.
- 5. Perform analysis of bivariate data using simple correlation and simple linear regression.
- 6. Compute unconditional and conditional probabilities and apply laws of probabilities.
- 7. Identify the applications of Binomial and normal distributions.
- 8. Measure trend and seasonal variations in time series data.
- 9. Compute and interpret simple and weighted index numbers.
- 10. Construct and apply variable and attribute control charts.

Micro Economics Paper

- 1. Identify the basic concepts and theories of Macroeconomics.
- 2. Become aware about changing Macroeconomics policies and theories.
- 3. Understand various concepts such as; GDP, GNP NNP, Personal Income, DisposableIncome, Per Capita Income, and National Income.
- 4. Identify the factors determining gross domestic product, employment, the general levelof prices, and interest rates.
- 5. Realize the law of markets, consumption function and investment function.
- 6. Judge the role of fiscal policy and monetary policy in a Developing Economy.
- 7. Know features, phases and theories of trade cycles.
- 8. Evaluate types, merits and demerits of taxes.
- 9. Comprehend the role of public finance in developing economy.

Money & Financial System Paper

- 1. Understand the meaning, function and role of commercial banking.
- 2. Comprehend the procedure of an account opening, operating and closing.
- 3. Know the structure, function and role of RBI in economic development.
- 4. Judge the progress of financial inclusion.
- 5. Evaluate the importance, characteristics and components of the Financial Market.
- 6. Understand the role and types of development banks and Non-Banking financial intermediaries.
- 7. Realize the banking reforms and Basel norms-I and II.
- 8. Identify recent trends in Indian Banking such as E- Banking, MICR Clearing, ATMs, Credit cards and Debit Cards, Travelers Cheques, Gift Cheques, Demat Account.

English for Business Communication (Compulsory English)

- 1. Develop communication skills in English, both oral and written.
- 2. Equip with the language skills for use in personal, academic and professional life.
- 3. Develop essential employability skills.
- 4. Enter the job market with confidence and the ability to work effectively.
- 5. Learn and practice both language and soft skills.
- 6. Cultivate a broad, humane and cultured outlook.

B. Com III

Modern Management Practices

- 1. Familiarize with the modern management practices being used by the corporate world.
- 2. Acquaint the importance and applicability of various modern management practices.

Business Regulatory and Framework

- 1. Create legal awareness.
- 2. Acquaint with the latest laws governing business and commercial transactions.

Advance Accounting P-I and III

Advance Accounting P-II and IV

1. Expose to advanced accounting issues and practices

2. Expose to cost and Management Accounting

Cooperative

Development P-I

- 1. Understand the meaning and principles of Co-operation.
- 2. Understand the agricultural and Non-agricultural Credit Co-operative institutions.
- 3. Understand the Co-operative credit system
- 4. Understand the important cooperative organizations

P-II

- 1. Understand the cooperative legislations and fund management
- 2. Understand the institutional arrangement for cooperative education and training
- 3. Understand the nature, registration, legislation and audit of housing Cooperatives
- 4. Understand the cooperative audit system and provisions

Business Environment

- 1. Understand the significance and position of Indian economy at the world level.
- 2. Understand the scenario of agricultural and industrial Sectors.
- 3. Understand Indian economy is facing some of the fundamental economic problems. Make plans and solutions to these being as a citizen.
- 4. Understand the correlations between economic and social problems.

Industrial Management

- 1. Understand the concepts related to Production.
- 2. Demonstrate the roles, skills and functions of management.
- 3. Analyze effective application of PPM knowledge to diagnose and solve organizational problems and develop optimal managerial decisions.
- 4. Understand the complexities associated with management of human resources in the organizations and integrate the learning in handling these complexities

BACHELOR OF COMPUTER APPLICATION

SEMESTER- I Problem SolvingTechniques using C

- 1. Illustrate the flowchart and designing an algorithm for agiven 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 andfunctions.

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 ElectronicsLab/OfficeAutomation Lab

- 1. Students learn the various word processing features which is very helpful in preparing project reports and otherdocumentations 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 theargument is or is not valid.
- 2. Demonstrate the ability to write and evaluate a proof or outline 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 withrespect to performance.
- 3. Compare and contrast the benefits of dynamic and static datastructures implementations.
- 4. Discuss the computational efficiency of the principal algorithmsfor 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 towrite 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 likeProcedures, Functions, Packages and Triggers.

Numerical andStatistical 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 OrientedProgramming usingC++

- 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 bookbalances.
- 5. Recognize circumstances providing for increased exposure to errors and frauds.
- 6. Determine the useful life and value of the depreciable asset.

Accounting PackageLab

- 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 Programing

- 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 VBsolutions.
- 5. Create VB programs using multiple array techniques.
- 6. Build integrated VB solutions using files and structures withprinting capabilities.
- 7. Translate general requirements into data-related solutions usingdatabase concepts.
- 8. Learn and Design applications using VC++ concepts like dialogboxes, menus etc.

Visual ProgramingLab

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 forweb applications.

- 5. Able to handle IO streamsUse 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 real system.
- 2. Understand the mathematical tools that are needed to solve optimization problems. Use mathematical software to solve the proposed models.

SEMESTER -V

Data Communication andNetworks

- 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 CPUarchitecture.
- 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 properprogram structuring.
- 2. Write programs using Java collection API as well as the javastandard 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 aboutlanguages.
- 3. Explain the models of computation, including formallanguages, 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

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

Web ProgrammingLab

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

Project Work

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

ComputerApplication and Information-Technology

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



Or. Babasaheb Ambedkar Mahavidyalaya Path Vadgeon, Dist, Kolhaour, Maharashtra