

Doshi Vakil Arts College and G.C.U.B. Science & Commerce College, Goregaon-Raigad

BACHELOR OF COMMERCE (B.Com.)

Program Outcome (PO)

PO1 - The students will be ready for employment in functional areas like accounting, Marketing, Management, Advertising, Economic and business law.

PO2 - Learners will gain knowledge of various disciplines of commerce, business, accounting, economics, finance, auditing and marketing. It aims towards the success of students in Research, Inventions, Industrial jobs and contributions in Nation building.

Program Specific Outcome (PSO)

PSO 1 - Students will learn relevant managerial and accounting career skills, applying both quantitative and qualitative knowledge to their future careers.

PSO 2 - Students have choices to pursue professional courses such as CA, M.COM, MBA, CMA, ICWA, CS, etc

PSO 3 - Students are able to play roles of businessmen, entrepreneur, managers, consultant, which will help learners to possess knowledge and other soft skills.

PSO 4 - Students will acquire the skills of effective communication, decision making, and problem solving that can be used at personal as well as professional level.

PSO 5 - Learners will be able to involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.

Course Outcome

F.Y.B.Com. Sem I & II

Sr.No.	Course Name	Course Outcome
1	Introduction to Business and Service Sector	<ul style="list-style-type: none">▪ Transmits understanding of basic concepts of business along with setting business unit and logical provisions for initiating business.▪ Conveys to the learners the current trends in business.▪ Imparts knowledge related to Banking, Insurance Sector, retail changes in India with global perspective and converses on problems and prospects in retailing.▪ Furnishes details regarding BPO, KPO and various e-Commerce activities focusing on logistics.



2.	Business Economics	<ul style="list-style-type: none"> ▪ Familiarizes the students with the basic concepts of micro economics and its applications to business situations. ▪ Guides the students towards understanding the real world market situations & business applications. ▪ Enables understanding of the relationship between different market structures and how they compare and contrast with one another. ▪ Enables understanding of how a firm sets price for its products by using different methods..
3.	Environmental Studies	<ul style="list-style-type: none"> ▪ Makes students learn the role of environment and ecosystem. ▪ Creates awareness about the relationship between population & environment. ▪ Makes students aware about waste management. ▪ Exposes learners to the impact of Industrial development on Agriculture.
4.	Mathematics and Statistics	<ul style="list-style-type: none"> ▪ Introduces mathematics & statistics to undergraduate students of commerce so that they can use them in the field of commerce & industries to solve the real life problems. ▪ Facilitates decision making with the help of decision making techniques ▪ Prepares students to develop skills to solve financial problems. ▪ Creates awareness of applications of Derivatives to concepts in mathematics.
5.	Financial Accounting	<ul style="list-style-type: none"> ▪ Inculcates knowledge of various accounting concepts and policies. ▪ Introduces the students to working knowledge of Accounting Standards issued by the ICAI. ▪ Understands the techniques of consignment, Branch and Accounting methods. ▪ Acquaints learners with knowledge regarding accounting procedures related fire Insurance claims and the process of claims.



4.	Commerce Paper III & IV (Management)	<ul style="list-style-type: none"> ▪ Creates understanding of the concept of management along with evolution, functions, types of management. ▪ Let's students become aware about various management theory. ▪ Provides basic knowledge of production management, inventory management, and quality management. ▪ Updates learners with recent trends in finance, financial market.
5.	Business Law	<ul style="list-style-type: none"> ▪ Provides a brief idea about the frame work of Indian business law. ▪ Familiarizes the students with Indian Contract Act, Sale of Goods Act, Intellectual Property Rights, ▪ Acquaints students with laws related to Indian Companies' Act 2013, IPR, Partnership Act 2008, and Consumer Protection Act.
6.	Business Economics	<ul style="list-style-type: none"> ▪ Creates awareness among students about various economic conditions of macro - economics such as inflation, unemployment etc. ▪ Examines the economy as a whole and inspires a consistent way of thinking about key macroeconomic phenomena ▪ Enables students to understand the primary functions of government like revenue, expenditure, debt and helps to analyse budget. ▪ Provides students with the tools to understand the underlying concepts and practical trade-offs entailed in public finance policy alternatives.

T.Y.B.Com.

Sr.No.	Course Name	Course Outcome
1	Financial Accounting	<ul style="list-style-type: none"> ▪ Creates awareness about company accounts with provision of various companies act. ▪ Provides knowledge about the buyback of shares, investment account with their accounting treatment. ▪ Imparts knowledge about accounting treatment of amalgamation of companies, Foreign currency transactions. ▪ Helps students in gaining practical knowledge of accountancy.



2.	Cost Accounting	<ul style="list-style-type: none"> ▪ Impacts the knowledge of various costs on the basis of element behaviour and functions. ▪ Helps in ascertaining the cost of material and labour. ▪ Creates understanding on the various techniques of costing like Contract, Process, Standard and Marginal. ▪ Imparts knowledge on various emerging concept of cost accounting like cycling costing, Bench Marking etc.
3.	M.H.R.M	<ul style="list-style-type: none"> ▪ Intercepts and familiarizes students with different and basic concepts of marketing mix, MIS and Marketing Research. ▪ Updates students about marketing challenges faced by marketing managers in 21st century. ▪ Makes students aware about competitive strategies for market leader, and various aspects of market. ▪ Refurbishes students with fundamental aspects of HRM, the role, functions and process of HRM. ▪ Explains students the applications of HRIS and different theories of leadership and motivation. ▪ Updates learners with recent trends in HRM and make students aware about challenges faced by HR managers
4.	Marketing Research	<p>The student should be able to</p> <ul style="list-style-type: none"> ▪ Understand the process of marketing research and its different processes ▪ Identify sources of information ▪ Understand different research methods ▪ Apply selected research methods ▪ Analyse and interpret both qualitative and quantitative data. ▪ Build a simple questionnaire from a web-based survey administration site.
5.	Export Marketing	<ul style="list-style-type: none"> ▪ Furnishes learners with basic concepts and global framework for export marketing. ▪ Instructs learners about basic financial incentives and updates them with current trends in export marketing. ▪ Provides information regarding product planning and pricing decisions for export marketing.



		<ul style="list-style-type: none"> ▪ Instructs students regarding various sources of export finance and provides knowledge regarding export procedure and documentation.
6.	Business Economics	<ul style="list-style-type: none"> ▪ Assess the performance of commercial banks in agricultural credit. ▪ Identifies and explains economic concepts and theories related to the behaviour of economic agents, markets, industry legal institutions, social norms and government policies. ▪ Creates an understanding of the nature of International Trade and the nature of International organization such as the United Nations, the International Bank for Reconstruction and Development (World Bank), International Monetary Fund, World Trade Organization and their effects on business. ▪ Creates understanding of the rate of exchange and how the rate of exchange is determined.



PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES, COURSE OUTCOMES

BACHELOR OF SCIENCE (B.Sc.)

Program Outcome (PO)

PO1 - The purpose is to develop B.Sc. science student in such a way that they may form highly productive and constructive unit of society. This enables them to serve the society better. It is expected from science graduate to have scientific temperament which encompasses certain qualities like analytical thinking, problem solving, reasoning, creative thinking, critical analysis, researcher attitude and approach. This will go with the frame work of the law of the nature and established facts. The goal is to impart such distinctive qualities in a science graduate and that should be the outcome of the B.Sc. program too.

PO2 - Keeping the program outcome in the mind we are going with the goal to provide quality education in pure science to the students of this area, which is predominantly rural. And the very objective is to prepare a science student of the distinctive quality who can be self-sufficient in making own career and become part of the development system of the nation. Implicitly this has been carried out by product i.e. by a quality student who gets proper place in one's career and the society.

Program Specific Outcome (PSO)

PSO-1. Gain the knowledge of Science subject through theory and practical's.

PSO-2. Create an awareness of the impact of Science on the environment, society, and development outside the scientific community.

PSO-3. Use modern tool, technique, software's.

PSO-4. Solve the problem and also think methodically, independently and draw a logical conclusion

PSO-6. Understand good laboratory practices and safety.

PSO-7. Develop research oriented skills.

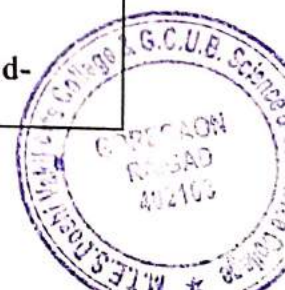
PSO-8. Make aware and handle the sophisticated instruments/equipment.



Course Outcome

F.Y. B.Sc. I & II Sem

Sr.No.	Course Name	Course Outcome
1	Foundation course	<ul style="list-style-type: none">• Students will have Knowledge and understanding of Foundation Course• After completing the graduation and doing foundation course at F.Y. B.Sc. level one may get a feel for the tertiary education environment.• To understand the external environment that consists of Cultural Diversity, Constitution, Communalism, Political party system and its impact on human beings• One can improve his/ her academic skills: Foundation courses allow you to develop the skills you will need to succeed in tertiary education. This ranges from general study skills (such as academic writing, time management and independent research) to knowledge in specific areas related to your chosen field.
2	Chemistry I	<ul style="list-style-type: none">• Student of F.Y. B.Sc. acquired basic knowledge of thermodynamics and chemical calculations.• Student should be able to apply the fundamental principles of measurement, atomic theory, chemical periodicity, chemical bonding, and solution chemistry to subsequent courses.• Learn the thermodynamic principles, calculation of different types of energies Exergonic and Endergonic reaction, Gas equilibrium• Concept of PH of different salts, buffer solution, common ion effect• Study the methods of thermo-gravimetric analysis.• To understand the acid- base concept.• Learn calculate molar and normal solution of various concentrations.• To learn fundamentals principles and developments of organic chemistry• Learn the confirmation cis –trans• Learn difference in alkane ,alkene and alkyne
3	Chemistry II	<ul style="list-style-type: none">• This course gives idea about synthesis of organic compounds, identification of aromaticity & stability of organic compounds.• Know the meaning of various terms involved in co-ordination chemistry.• To understand Werner's formulation of complexes and identify the types of valences.• Know the limitations of VBT.• Know the shapes of d-orbital's and degeneracy of d-orbital's.



		<ul style="list-style-type: none"> • Draw the geometrical and optical isomerism of complexes
4	Physics I	<ul style="list-style-type: none"> • Understand the motion of objects in different frame of references. • Understand laws of motion, reference frames, and its applications i.e. projectile motion, simple harmonic oscillator, Rocket motion, elastic and inelastic collisions. • Understand the idea of conservation of angular momentum, central forces and the effective potential. • Understand the basics of material properties like, elasticity, elastic constants and their relation, torsion of a cylinder, bending of a beam, cantilever, and beam supported at its ends and loaded in the middle.
5	Physics II	<ul style="list-style-type: none"> • Understand the basic concepts of electric and magnetic fields. • Understand the concept of conductors, dielectrics, inductance and capacitance. • Gain knowledge on the nature of magnetic materials. • Gain knowledge on electromagnetic induction and its applications. • Ability to use Maxwell's equations in calculations featuring: both free and stationary electromagnetic waves.
6	Botany I	<ul style="list-style-type: none"> • Understand the diversity among Algae. • Know the systematic, morphology and structure, of Algae. • Understand the life cycle pattern of Algae. • Understand the useful and harmful activities of Algae. • Understand the Biodiversity of Fungi. • Know the Economic Importance of Fungi. • Understand the morphological diversity of Bryophytes. • Understand the economic importance of the Bryophytes
7	Botany II	<ul style="list-style-type: none"> • Gain knowledge about "Cell Science". • Understand the nature of cell and different cell organelles. • Structure and organization of cell membrane. • Mendelian and Neo-mendelian genetics. • To study the phenomenon of dominance, laws of segregation, independent assortment of genes. • To understand the different types of genetic interaction, incomplete dominance, codominance, inter allelic genetic interactions, multiple alleles and quantitative inheritance etc. • Understand the process of photosynthesis in higher plants with particular emphasis on light and dark reactions, C3



		and C4 pathways.
8	Maths I	<p>After completing this course student will be able to :</p> <ul style="list-style-type: none"> • Solve various problems on properties of integers and use the basic concepts of divisibility, congruence and their applications in basic algebra. • Apply factor theorem, remainder theorem to solve problems on polynomials and by using given relations between roots he will find the roots of polynomials • Solve the system of homogeneous and non-homogeneous linear of m equations in n variables by using concept of rank of matrix, finding Eigen values and Eigen vectors. • Solve the problems of lines in three dimension, planes, spheres, and cylinders and how geometry is related to algebra by using their algebraic equations.
9	Maths II	<p>After completing the course, students will able to:</p> <ul style="list-style-type: none"> • Identify algebraic and order properties of real numbers. • Identify and apply the function properties of real number system such as the completeness property. • Verify the values of limit of a function at a point using the definition of a limit. • Students will be familiar with the techniques of integration and differentiation of function with real variables. • Identify and apply the intermediate value thm, Mean value thm and L'Hospital's rule.

S.Y. B.Sc. III & IV Sem

Sr.No.	Course Name	Course Outcome
1	Foundation course	<ul style="list-style-type: none"> • To understand the external environment that consists of Cultural Diversity, Constitution, Communalism, Political party system and its impact on human beings. • To understand Banking system of India, use of new technology for making fastest payment and understand the concept of micro finance and financial inclusion. • Impart knowledge on LPG, Origin and evaluation of human rights and environmental studies along with stress and conflict management.
2	Chemistry I	<ul style="list-style-type: none"> • Defines the importance of Phase Diagrams in the field of materials science and engineering. • Explains the basic definitions and terms in a phase diagram. • Defines phase, equilibrium, component and degree of freedom and phase rule concepts.



		<ul style="list-style-type: none"> Learn SN1, SN2 and SNi Mechanism and stereochemistry.
3	Chemistry II	<ul style="list-style-type: none"> The outcome of this course is: it is idea of Boron, Nitrogen and Oxygen family in the periodic table. Synthesis of boron compound, oxide of nitrogen & their use in industries. Students of S.Y. B.Sc. acquired better knowledge of physical chemistry. They were completed the basic knowledge of organic chemistry.
4	Chemistry III	<ul style="list-style-type: none"> Know the different analytical techniques. To understand different types of separation techniques. To study principle, construction and working of TLC and Paper. To give an extended knowledge about chromatographic techniques. Study the methods of thermo-gravimetric analysis. Understand the principles of Spectro-photometric analysis and properties of electromagnetic radiations Know the different analytical techniques
5	Physics I	<ul style="list-style-type: none"> Understand the fundamentals of codes and number system. Understand the binary arithmetic, logics and Boolean functions. Understand the functions and working of flip flop circuits register s and counters. Understand the application's into memory circuits. Understand the efficiency of Carnot's engine and the significance of first law and second of thermodynamics and implications of the second law of thermodynamics and limitations placed by the second law on the performance of thermodynamic systems.
6	Physics II	<ul style="list-style-type: none"> Learn and understand calculus. Starting with review of differentiation, exponential and logarithm functions, trigonometric functions, plotting functions, differentials and basics of integration. Understand divergence theorem, Green's theorem, and Stokes' theorem and appreciate its applications. Understand basics of vector calculus. Understand the origins of quantum mechanics. Understand the Schrodinger wave mechanics and operator formalism. Understand the idea of wave function. Understand the uncertainty relations



7	Physics III	<ul style="list-style-type: none"> • Understanding of 8085 microprocessor and ability to program. • Understand working of optical fibre and their applications in communication. • Understand application of acoustics in noise and music, musical scale, sonar and ultrasonic. • Understand synchronous sequential circuits, registers and multiplexer-demultiplexer.
8	Botany I	<ul style="list-style-type: none"> • Understand the diversity among Algae. • Know the systematic, morphology and structure, of Algae. • Understand the life cycle pattern of Algae. • Understand the useful and harmful activities of Algae. • Understand the Biodiversity of Fungi. • Know the Economic Importance of Fungi. • Understand the morphological diversity of Bryophytes.
9	Botany II	<ul style="list-style-type: none"> • Understand the respiration in higher plants with particular emphasis on aerobic and anaerobic respiration • Understand plant communities and ecological adaptations in plants. • Learn about conservation of biodiversity, Non-conventional Energy and Pollution. • Understand the biochemical nature of nucleic acids, their role in living systems, experimental evidences to prove DNA as a genetic material. • Understand the process of synthesis of proteins and role of genetic code in polypeptide formation
10	Botany III	<ul style="list-style-type: none"> • Understand the role plants in human welfare. • Discover botanical regions of India and vegetation types of Maharashtra. • Understand Bioremediation, Global warming and climate change. • Understand the role plants in human welfare. • Gain knowledge about various plants of economic use. • Know importance of plants & plant products. • Understand the chemical contents of the plant products. • Know about the utility of plant resources. • Become aware of applications of different plants in various industries. • To highlight the potential of these studies to become an entrepreneur. • To equip the students with skills related to laboratory as well as industries based studies



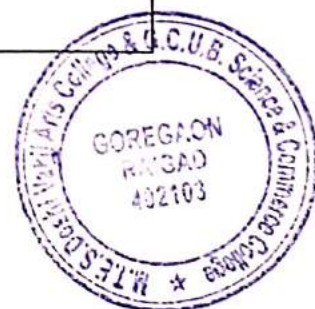
11	Maths I	After completing the course, students will be able to – <ul style="list-style-type: none"> • Students learn analysis of multivariable functions, continuity, and differentiability. • Learn the concepts of multiple integrals and their Application to area and volumes
12	Maths II	After completing this course student will be able to <ul style="list-style-type: none"> • Learn the methods and properties of Laplace transform and Inverse Laplace Transform; apply them to solve Linear Differential equations. • Apply the fundamental concepts of Fourier series, Fourier Sine series, Fourier Cosine series to find series representation of irrational numbers.
13	Maths III	After completing this course student will be able to <ul style="list-style-type: none"> • Use the concept of basis and dimension of vector spaces linear dependence and linear independence, to solve problems. • Use the concept of inner product spaces to find norm of vectors, distance between vectors, check the orthogonality of vectors, to find the orthogonal and orthonormal basis. • Apply the properties of linear transformations to linearity of transformations, kernel and rank of linear transformations, inverse transformations to solve the problems of matrix transformations, change of basis.

T.Y. B.Sc. V & VI Sem

Sr.No.	Course Name	Course Outcome
1	Physical chemistry	<ul style="list-style-type: none"> • To impart skills in Kinetics and Chemical Reactions. • Know the qualitative properties of solution, the depression in freezing point, elevation in boiling point and osmotic pressure. • Learn the molecular spectroscopy, Raman spectra, Electronic and Mossbauer, ESR, NMR and its application. • Realize the terms ionic strength, activity coefficient, DHO equation. • Study the Nuclear Chemistry & polymer chemistry. • Solve the cell reaction and calculate EMF. • Understand De-Broglie hypothesis and Uncertainty principle
2	Inorganic Chemistry	<ul style="list-style-type: none"> • Upon successful completion students should be able to: Describe bonding models that can be applied to a consideration of the properties of transition metal compounds. • The students familiar about the inorganic halogen compounds, coordination compounds and transition elements.



		<ul style="list-style-type: none"> • They get well exposure about solids. This course gives an introduction to the basic concepts of biochemistry. Topics covered include co-ordination chemistry, theories of MO and VB silicones and silicates. • Find out the point group of inorganic molecules. • Learn molecular orbital and its orientation. • Learn concept of symmetry elements in molecules. • Study the electronic configuration & properties of lanthanides and actinides.
3	Organic chemistry	<ul style="list-style-type: none"> • Students of T.Y. BSC acquired knowledge about the synthesis, mechanism of organic reactions. From spectroscopy, students were interpreted the spectra and determined the structure of organic molecules. This is helping them in various research activities. • Study the various name reaction with examples. • Learn the mechanism of rearrangement reaction, use synthetic reagent of oxidation and reduction for solving the problems. • Understand the factors affecting UV-absorption spectra, Interpret IR spectra on basic values of IR-frequencies. • Discuss the problem of UV, IR and NMR.
4	Analytical chemistry	<ul style="list-style-type: none"> • Study the Voltammetry and Polarography as an analytical tool. • Measure the absorbance of atoms by AAS. • To understand different types of separation techniques. • To study principle, construction and working of GC and HPLC. • To give an extended knowledge about chromatographic techniques used for separation of amino acids. • Discuss the problem based on distribution coefficient and extraction techniques.
5	Drugs & Dyes	<ul style="list-style-type: none"> • This course gives idea about cause of disease, synthesis of drugs. • Use of dyes, synthesis of dyes and observed effect of dyes industries on environment.



Faculty of Arts

Programme Outcomes

- PO - The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.
- PO - The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity
- PO - A responsible, dutiful and citizen of country with character.
- PO - Ability of critical thinking and creativity.

Programme Specific Outcomes

Department of Geography

- PSO1 Understand, coherently and effectively about various genres of Geography.
- PSO2 Understanding the diverse concepts in the field of Geography.
- PSO3 Understand global and regional patterns of cultural, political and economic institutions, and their effects on exploitation of natural resources and landscapes.
- PSO4 Understand need for protection and conservation of natural resources.
- PSO5 Develop basic skills in practical Geography and its industrial applications.

Course Outcomes Class: F.Y.B.A. Geography

Semester I

Course (Paper) Name and No.: Paper No. I – Geomorphology

- CO1 Understand comprehensibly the nature and scope of Geomorphology
- CO2 Understanding the composition and structure of the interior of the earth and the types Rocks.
- CO3 Understand the Diastrophic and catastrophic movements of the earth's surface
- CO4 Understand the concept and types of weathering and erosion.
- CO5 Understand the erosional and depositional landforms by the erosional agents.
- CO6 Identification of contours, slopes and drawing of sections to depict contour landforms.



Semester II

Course (Paper) Name and No.: Paper No. I – Human Geography

- CO1 Understand comprehensibly the nature, scope, approaches, branches and concepts in Human Geography
- CO2 Understanding the concept, types and patterns of rural and urban settlements. CO3 Understand the determinants on growth, distribution and problems of population.
- CO4 Understand the concept, causes, types, trends and consequences of migration.
- CO5 Able to construct and interpret of line graphs and flow diagrams and other techniques.

Class: S.Y.B.A. (Geography) : Semester III

Course (Paper) Name and No.: Paper No. II - An Introduction to Climatology

- CO1 Understand the introduction to Climatology considering weather & climate, role of climate in human life, aims, nature, scope, and some other sub division of the course.
- CO2 Understand weather phenomena winds, humidity, precipitation and winds. CO3 Understand the process, methods of weather forecasting and climatic changes
- CO4 Able to read and interpret the weather map and to construct the various graphs related to climatology.

Course (Paper) Name and No.: Paper No. III – Physical Geography of India

- CO1 Understand importance of the location and the geographical personality of India.
- CO2 Understand the variability of drainage pattern and climate in India.
- CO3 Study of problems related to soil and forest depletion and their conservation methods.
- CO4 Study of problems related to minerals and power resources and their conservation methods
- CO5 Show the geographical features in the map of India.
- CO6 Read, convert and prepare the map scale



Semester IV

Course (Paper) Name and No.: Paper No. II - An Introduction to Oceanography

- CO1 Understand importance and physical structure of ocean.
- CO2 Knowledge about effect of ocean Currents.
- CO3 Understand the relationship between man and ocean.
- CO4 Study about movements of ocean water

Course (Paper) Name and No.: Paper No. III – Agriculture Geography of India

- CO1 Understand the introduction to agriculture, nature, scope, significance and approaches of agriculture geography.
- CO2 Understand features, determinants, major crops and problems of Indian agriculture
- CO3 Understand the history, components and impacts of green revolution in India.
- CO4 Understand the development of recent trends in agriculture in India.
- CO5 Interpret the thematic maps and draw the statistical diagrams and graphs

Class: T.Y.B.A. Geography) Semester V

Course (Paper) Name and No.: Geography of Settlements

- CO1 Understand the nature and scope of Settlement Geography and the characteristics of rural and urban settlements.
- CO2 Understand the structure of house and building materials, regional variations of rural settlement in India.
- CO3 Understand the history of world settlements and factors responsible for world settlements.
- CO4 Understand the classification and morphology, pattern and nature and process of rural and urban settlements
- CO5 Understand the process of urbanization, urban problems and smart cities in India.

Course (Paper) Name and No.: Geography of Maharashtra

- CO1 Understand the location, administrative setup and geographical personality of Maharashtra
- CO2 Understand the drainage and climate in Maharashtra



- CO3 Understand the natural and human resources of Maharashtra
- CO4 Understand the agriculture, fishing and livestock resources in Maharashtra.
- CO5 Understand the growth and development of industries, trade and transport in Maharashtra

Course (Paper) Name and No.: Population Geography

- CO1 Understand the nature, scope, importance and relation with other social sciences of Population Geography
- CO2 Understand the structure, growth, density & distribution of population in India and World.
- CO3 Get knowledge about population theories.
- CO4 Understand the causes, consequences and recent trends of migration in India
- CO5 Understand the contemporary issues of population in India.

Course (Paper) Name and No.: Tools and Techniques In Geography For Spatial Analysis-I (Practical)

- CO1 Understand the basic concept and types map projections.
- CO2 Understand the Basic elements of map and able to area calculation.
- CO3 Able to read and interpret of topographical maps.
- CO4 Able to use the computer with basic Microsoft and SPSS software's.
- CO5 Able to prepare the thematic maps by using different techniques data analysis by using the GIS software

Semester VI

Course (Paper) Name and No.: Environmental Geography

- CO1 Understand the nature, scope, importance and man-environment relationship in Environmental Geography
- CO2 Understand the Structure, functions and types of ecosystem.
- CO3 Acquire knowledge about biodiversity and its importance and Management.
- CO4 Understand the concept, types, distribution and hotspots of biodiversity CO5 Understand environmental problems there Cause, Effect and Remedies.
- CO6 Understand the Sustainable Development and Environmental Management methods in India.



Course (Paper) Name and No.: Geography of Tourism and Recreation

- CO1 Understand about nature, scope, development and factors of tourism development
- CO2 Understand about infrastructure and ancillary services for tourism
- CO3 They understand about types and impacts of tourism.
- CO4 Understand Planning and organization about tourism
- CO5 Understand the potential of tourism sectors in Maharashtra and India
- CO6 Know about national tourism policy.

Course (Paper) Name and No.: Tools and Techniques in Geography for Spatial Analysis-II (Practical)

- CO1 Understand the Meaning and types of data and its presentation.
- CO2 Understand and able to solve the examples of measures of central tendency, dispersion and deviation and correlation, regression and hypothesis testing.
- CO3 Able to collect and analysis of data sampling.
- CO4 Able to collect the field data, its processing and writing of research report.



Department of History

Programme Specific Outcomes

- PO1 To understand the background of social, economic, religious, cultural and political life of people and compare it with present to achieve overall development of society.
- PO2 The study of history impart the knowledge of the significant historical events and past mistakes and create awareness for avoid the mistakes in present for better future with peace, progress in diverse and global community.
- PO3 History instill the idea of national integration and harmony as well as generates the feeling of nationalism and patriotism.
- PO4 History develop curious approach and interest for historical facts, art and architecture, archaeological sites, museums and archives as the sources for research in history

Class: F.Y.B.A. (History) Semester I and II

Course (Paper) Name and No.: History of Modern India (1857 C.E- 1947 C.E)

- CO1 The Learners will be able to understand the Modern History with regards to the struggles that their forefathers had undertaken to break the fetters of British Slavery.
- CO2 The Learners will get well acquainted with the significant events, Freedom fighters, personas, political movements in the History of Modern India.
- CO3 The Learners can envisage the whole process of Freedom struggle and learn from the mistakes in the past.

Class: S.Y.B.A. (History) Semester III

Course (Paper) Name and No.: Ancient India from Earliest Times to 1000 AD

- CO1 Students will have better understanding of ancient period of Indian history.
- CO2 They will be able to trace the continuity and change in historical perspective.
- CO3 It will induce students to history of India In chronological framework.



Course (Paper) Name and No.: Landmarks in World History

- CO1 The Learners will be able to understand the significant historical events of the world which world come out from the darkest period which grappled the dungeon of ignorance and ill human activities

Semester IV

Course (Paper) Name and No.: History of Ancient India

- CO1 The course will enable the students to study the history of ancient India from an analytical perspective
- CO2 It will acquaint the student with various approaches and interpretation of ancient history of India

Course (Paper) Name and No.: Landmarks in World History

- CO1 The syllabus will enable the students to critically analysis of totalitarian rules and it's threats to world peace and progress.

Class: T.Y.B.A. (History) Semester V

Course (Paper) Name and No.: History of Medieval India

- CO1 The students will learn the Sultanate rule and the history of Vinjaynagar and Bahamani Kingdom and their contribution in social economic cultural and political history of medieval India.

Course (Paper) Name and No.: History of Modern Maharashtra

- CO1 Learners will acquaint a deeper and more inclusive understanding of landmarks events, personality.

Course (Paper) Name and No.: Introduction of Archaeology

- CO1 The students will get knowledge of Archaeology, Epigraphy and Numismatics and its contribution in the research of art, architecture, script, coins history and opportunities in this field



Semester VI

Course (Paper) Name and No.: History of Medieval India

CO1 The students will get knowledge about the political power of Mughal and Maratha as well as socio, Eco, Cultural, religious and administrative system and it's impact on present Indian society and polity

Course (Paper) Name and No.: Introduction of Museology and Archival Science

CO1 The students will get encourage to pursue careers in the field of Museology, Archaeology as well as understand the glorious cultural development and scope and value

Course (Paper) Name and No.: History & contemporary India (1947-2000)

CO1 Students will acquire a deeper and more preclusive understanding of changes, Personality and themes in modern Indian history.



Department of Marathi


Course Outcomes


Class	Semester	Course	Outcomes (Students will be able to)	
F.Y.B.A.	1	Marathi Compulsory (UAMAR 1 C 1)	1. Develop Marathi reading & linguistic comprehension of students. 2. Develop interest in literature fiction and story. 3. Inculcate moral and human values within themselves.	
	2	Marathi Compulsory (UAMAR 2 C 1)	4. Understand the types of Marathi Short Story Writing. 5. The students are able to make special use of language for their expression. 6. The students could communicate effectively in their various business situations. 7. Students acquire skills of translation. 8. Develop attitude of literary forms Marathi Poetry. 9. Understand the basic forms of fiction and Poetry. 10. Students learn Values through literary works. 11. To develop skills of essay writing and advertising in students.	
	1	Marathi optional – 1 (ANC) : UAMAR 101	1. Students get the knowledge of the theatre of the times. 2. The students learn the origin of drama and dramatics art.	
	2	Marathi optional – 1 (ANC) : UAMAR 201	3. The students learn the aspects and genres of drama. 4. Develop Attitude of literary forms. 5. Use literature to develop their social and moral sense in life. 6. Develop attitude of literary forms.	
	S.Y.B.A.	3	Marathi Paper – II	1. Develop Attitude of Literary forms in Marathi Novel.
		4	Marathi Paper – II	2. Information about the history of modern Marathi Literature. 3. Information about Literary Theory. 4. Develop the Novel reading skills. 5. Develop literary tendencies. 6. Understand the types of Marathi Short Story Writing. 7. Get information about the R R Borade drama. 8. Know the concept and process of literature.

S.Y.B.A.			<ol style="list-style-type: none"> 9. Students get the knowledge of the theatre of the times. 10. The students learn the origin of drama and dramatics art. 11. The students learn the aspects and genres of drama. 12. Develop Attitude of literary forms.
	3	Marathi Paper – III	<ol style="list-style-type: none"> 1. Know the importance of language in human life.
	4	Marathi Paper – III	<ol style="list-style-type: none"> 2. Know the various methods to the study of language. 3. Understand the communication process and method. 4. Develop Attitude of Marathi Linguistics & Grammar. 5. Know the concept of Linguistics. Know the importance of language in human life. 6. Know the various methods to the study of language. 7. Understand the communication process and method. 8. Study of Dialectology. 9. Study of Marathi dialects. 10. Know the various methods to the study of language. 11. Understand the communication process and method. 12. Develop Attitude of Marathi Linguistics & Grammar.
T.Y.B.A.	5	Marathi Paper – IV	<ol style="list-style-type: none"> 1. Study of Marathi Shilalekh. 2. Study of Mahanubhav Panth, Varkari Panth – Sant Dnyaneshwar, Namdeo, Sant Tukaram, Sant Eknath 3. Study of Pandit literature. 4. Study of Nath Sampraday, Lingayat Sampraday, Datt Sampraday. 5. Study of Khriti and Islamic Literature. 6. Study of Bakhar Literature. 7. Know the concept Gadya Vangamaya. 8. Know the concept Padya Vangamaya. 9. Get information about Sant literature forms. 10. Get information well Known Poet Sant Chokhamela, Sant Janabai, Sant Narhari Sonar etc.
	6	Marathi Paper – IV	
	5	Marathi Paper – V	<ol style="list-style-type: none"> 1. Study of Indian Sahitya Shastra. 2. Study of Poetics – Concept and principle
	6	Marathi Paper – V	<ol style="list-style-type: none"> 3. Study of Bharat, Shrishankuk, Abhinavgupt, Bhattmayak 4. Language of literature.



			<ul style="list-style-type: none"> 5. Study of western Poetics 6. Study of Imitation theory – Plato, Aristotle 7. Western poetry definition. 8. Study of Aristotle Catharsis principle. 9. Study of Richards' motivation balance theory.
	5	Marathi Paper – VI	1. Literature and Society- relationship study
	6	Marathi Paper – VI	<ul style="list-style-type: none"> 2. Study of Ism – Marks, Ambedkar, Feminism. 3. Study of Urban literature. 4. Study of Rural literature. 5. Study of Dalit literature. 6. Study of Social changes and Marathi literature.


IGAC Co-ordinator


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