



Faculty of Arts

Programme- B.A.

Programme Outcomes

| | |
|-----|--|
| PO1 | The students acquire knowledge in the field of social science, literature and humanities which make them sensitive and sensible enough |
| PO2 | The B.A. graduates will be acquainted with the social, economical, historical, geographical, political, ideological and Philosophical tradition and thinking |
| PO3 | The program also empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice. |
| PO4 | The B.A. program enables the students to enable them to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity |
| PO5 | The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever. |
| PO6 | Program provide the base to be the responsible citizen. Department of Marathi Programme Specific Outcomes |

Department of Marathi

Programme Specific Outcomes

| | |
|-------|---|
| PSO1 | Students are enabled to understand, to learn and analyze literature. |
| PSO2 | Explain the relation between society and literature. |
| PSO3 | Knowledge of historical background of specific literary period and the nature and motivation behind it. |
| PSO4 | Introduce correct composition in Marathi. |
| PSO5 | Able to understand language fully and use it appropriately. |
| PSO6 | Knowledge of the basic principles of different literary genres |
| PSO7 | Creative writing. |
| PSO8 | Translation. |
| PSO9 | News writing. |
| PSO10 | Realization of human values. |
| PSO11 | Critical temper. |
| PSO12 | Creative ability. |

COURSE OUTCOMES

CLASS: F.Y.B.A. (MARATHI)

| | |
|-----|--|
| CO1 | Introduce students to Marathi Language, Literature and Vyavaharik Marathi. |
| CO2 | Create Interest in Marathi Literature. |
| CO3 | Develop the literary taste of students. |
| CO4 | Create ability to appreciate Marathi Literature. |
| CO5 | Connect Literature to real life experience. |
| CO6 | Understand various types/forms of Marathi Literature. |
| CO7 | Importance of Language in personality development. |
| CO8 | Introduce standard writing practices. |
| CO9 | Develop the skill of Translation. |
| C10 | Introduce standard writing practices. |

CLASS: S.Y.B.A. (MARATHI P-II)

| | |
|-----|---|
| CO1 | Provide basic Knowledge of Marathi Literature. |
| CO2 | Create and cultivate taste in Marathi Literature. |
| CO3 | Create perspective to analyze, evaluate and appreciate literature Texts. |
| CO4 | Develop ability for in- depth study of Literature. |
| CO5 | Understand aspects of Autobiography, Novels. |
| CO6 | Development ability to appreciate and evaluate selected Autobiographies in Modern Marathi Literature. |

CLASS: S.Y.B.A. (MARATHI P-III)

| | |
|-----|---|
| CO1 | Provide basic Knowledge of Marathi Literature. |
| CO2 | Create and cultivate taste in Marathi Literature. |
| CO3 | Create perspective to analyze, evaluate and appreciate literature Texts. |
| CO4 | Develop ability for in- depth study of Literature. |
| CO5 | Understand aspects of Autobiography, Novels. |
| CO6 | Development ability to appreciate and evaluate selected Autobiographies in Modern Marathi Literature. |

CLASS: T.Y.B.A. (MARATHI P-IV)

| | |
|-----|--|
| CO1 | Provide basic Knowledge of Marathi Literature, Poetics and Literature and Society. |
| CO2 | Study of the history of Medieval Marathi Literature. |
| CO3 | Clarity and concept of literary history. |
| CO4 | Introduce the nature, source and types of Marathi Literature from 1050-1818. |
| CO5 | Introduce the major Marathi writers and their works from 1050- 1818. |

CLASS: T.Y.B.A. (MARATHI P-V)

| | |
|-----|--|
| CO1 | Provide basic Knowledge of Marathi Literature, Poetics and Literature and Society. |
| CO2 | Study of the history of Medieval Marathi Literature. |
| CO3 | Clarity and concept of literary history. |
| CO4 | Introduce the nature, source and types of Marathi Literature from 1050-1818. |
| CO5 | Introduce the major Marathi writers and their works from 1050- 1818. |

CLASS: T.Y.B.A. (MARATHI P-VI)

| | |
|-----|--|
| CO1 | Provide basic Knowledge of Marathi Literature, Poetics and Literature and Society. |
| CO2 | Study of the history of Medieval Marathi Literature. |
| CO3 | Clarity and concept of literary history. |
| CO4 | Introduce the nature, source and types of Marathi Literature from 1050-1818. |
| CO5 | Introduce the major Marathi writers and their works from 1050-1818 |

Programme Specific Outcomes for Urdu

| | |
|------|---|
| PSO1 | The first purpose of this course to enable the student about our legends Allama Iqbal and Akhtar Sherani. Who are main pillar of urduNazm. These two scholars |
|------|---|

| | |
|------|--|
| | poetry are about social awareness and beauty of nature. |
| PSO2 | The purpose of this course is to make the students fully conversant/accustomed with Urdu Poetry, Prose and life and works of authors/poets and enable them to appreciate it adequately. This will also adjudge the ability of candidate in a precise manner. |
| PSO3 | The Simplicity of MunshiPremchand and great effect on mind. The social awareness. And magnificence of Rajendra Singh Bedi writing, a soft corner for the poor uplift people of society |
| PSO4 | To enable the students to understand the language skills and impart them lessons of creative writing skills. To provide basic knowledge of reading and writing of Urdu Language and grammar. |
| PSO5 | To enable the students to understand Essay , Translation , Grammar , Rhetoric & Prosody. By these Units student can be capable to understand the urdu grammar and will get the deep knowledge of Tajnees a term in urdu poetry |
| PSO6 | To enable the students to understand the SanayeManvi in urdu literature. Like SanateTajad, sanateTalmeeh, and sanateMubaligha, Ista-araetc |
| PSO7 | To enable the students to understand the mubadiyats of Urdu Poetry section. And also to enable the students to understand the Wajans in Ashar. And also to know about Aruz in Urudushayari |

COURSE OUTCOMES CLASS: F Y.B.A. (URDU)

| | |
|-----|---|
| CO1 | The purpose of this course is to make the students fully conversant/accustomed with Urdu Poetry |
| CO2 | This course proposes to enable the students to fully grasp the development of Urdu Nazm in the 20th century |
| CO3 | The course intends to provide knowledge of Medieval Ghazals, preindependenceNazm and Urdu Novel. The course also intends to make the students conversant with the development of the Ghazal Of this period, contribution of Iqbal's development of the Ghazal of this period, contribution of Iqbal's poetry(Nazm) towards patriotism and the emergence of Novel in Urdu. |
| CO4 | To enable the students to know and understand the origin, development and importance of Urdu Language and Literature. |
| CO5 | The Simplicity of MunshiPremchand and great effect on mind. The social awareness. And magnificence of Rajendra Singh Bedi writing, a soft corner for the poor uplift People of society To make the students familiar |

CLASS: S Y.B.A. (URDU – II & III)

| | |
|-----|--|
| CO1 | This course proposes to provide knowledge of literary criticism and history of |
|-----|--|

| | |
|-----|---|
| | Urdu literature to the students |
| CO2 | To make the students familiar about the beginning of Urdu prose |
| CO3 | To make the students familiar about the Urdu prose writers and their literature especially Letters of Mirza Galib and Letters of Sir Sayed Ahmed Kahn |
| CO4 | To enable the students to know and understand the origin, development and importance of Urdu Language and Literature |
| CO5 | To make the students familiar about the Urdu prose writers and their literature especially Safar Nama Writers Mujtaba Husain and Dr.Sughra Mehdi To enable the students to know and understand the origin, development and importance of Urdu Language and Literature |

CLASS:T Y.B.A. (URDU IV, V & VI)

| | |
|-----|--|
| CO1 | To enable the students to understand the terms of translation and importance of translation in urdu literature |
| CO2 | This course proposes to provide knowledge of literary criticism and history of Urdu literature to the students |
| CO3 | To make the students familiar about the Urdu prose writers and their literature especially about Urdu Qaidas and Tajaness of urdu |
| CO4 | To enable the students to know and understand the origin, development and importance of Urdu Language and Literature |
| CO5 | To enable the students to understand the SanayeManvi in urdu literature. Like SanateTajad, sanateTalmeeh, and sanateMubaligha, Ista-araetc |

CLASS:F Y.B.COM.(BUSINESS ECONOMICS) SEM I&II

| | |
|-----|---|
| CO1 | To impart basic economic knowledge to the students |
| CO2 | To impart the meaning of Business economics and the various definition and concepts |
| CO3 | Students can study the demand survey and household firms |
| CO4 | Students analyse the Firm and Industry |
| CO5 | How to solve the consumers problem and will know the suggestions |
| CO6 | Student understand the Price Policy of Market Structure |
| CO7 | Students will know about elasticity concepts |

CLASS:S Y.B.COM(BUSINESS ECONOMIC III&IV)- SEM III & IV

| | |
|-----|---|
| CO1 | To make the learner aware conceptual knowledge and evaluation of management. |
| CO2 | To familiarize the learner with function in management. |
| CO3 | To acquaint the learner with the basic concept of production management, inventory management and quality management. |
| CO4 | To acquire basic knowledge about Indian Financial System. |
| CO5 | To update the learner with recent trend in finance. |

CLASS: T Y.B.COM(BUSINESS ECONOMICS) SEM V &VI

| | |
|-----|---|
| CO1 | Students can analyse. New economics order. |
| CO2 | Students will know the concept of economic development and Investment. |
| CO3 | Student understand the new Agriculture policy 2000 |
| CO4 | Student can understand the Banking Sector and investment also. |
| CO5 | Student can understand international trade policy as well as cost theory |
| CO6 | Students can analyse the various types of terms of trade |
| CO7 | They can analyse free trade & protective trade policy |
| CO8 | Students understand the BOP and its various types in daily life |
| CO9 | Foreign exchange market also understand Various students. For exam. Share marketing, investment in VTI, LIC etc |

Department of History
Programme Specific Outcomes

| | |
|------|---|
| PSO1 | To Understand the background of Social, economic, religious, culture and political life of people and compare it with present to achieve overall development of society. |
| PSO2 | 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 in global community |
| PSO3 | History instills the idea national integration and harmony as well as generates the feeling of nationalism and patriotism. |
| PSO4 | History develops curious approach and interest for historical facts, art and architecture, archeological sites, museums and achieves as the sources for research in history. |

COURSE OUTCOMES

CLASS: F Y.B.A. (HISTORY I- MODERN INDIA)

| | |
|-----|---|
| CO1 | Student Understand the Socio-economic culture and political background of Modern India. |
| CO2 | Student has understood process of rise of Modern India |
| CO3 | Students have understood the process of healthy Nationalism and secularism by studying work of social reformer and freedom fighter. |
| CO4 | Students become familiar with makers of Modern India. |
| CO5 | Student will be able to analysis the process of rise Modern India and its foundation made by social reformer and freedom fighter. |

CLASS: S. Y.B.A. (HISTORY II- ANCIENT INDIA)

| | |
|-----|--|
| CO1 | Students will be able to examine institutional basic of Ancient India. |
| CO2 | Student will be able to indicate multiple cultures (Greek, Shakes, Hun etc.) of Ancient India. |
| CO3 | Student will be able to illustrate the development of empire. |
| CO4 | Student will be able to explain our heritage through culture aspects |

CLASS: S. Y.B.A. (HISTORY III-) LANDMARK IN WORLD HISTORY

| | |
|-----|---|
| CO1 | The syllabus will enable the students to critically analysis of totalitarian rules. |
| CO2 | The learners will understand about global events during two world wars and their impact on the world. |
| CO3 | They understand how arrows race process threats to world peace and progress. |
| CO4 | Explaining The International nationalism to students though this course. |

CLASS: T. Y.B.A. (HISTORY IV-)

| | |
|-----|--|
| CO1 | The students will learn the sultanate rule and the history of Vijayanagar and Bahaman Kingdom. |
| CO2 | Student can study socio-economic, culture and political contribution of medieval India. |
| CO3 | Students will get knowledge about the art and architecture of medieval India. |
| CO4 | In the curriculum of the medieval India, students get guidance from within the working of the rules. |

CLASS: T. Y.B.A. (HISTORY V-)

| | |
|-----|---|
| CO1 | Students have understood regional history within board national framework. |
| CO2 | Students have understood institutional experiment in socioreligious reformation. |
| CO3 | Students have understood the contribution of Maharashtra in Indian National Movement. |
| CO4 | Students understood the importance of Sayunkta Maharashtra Movement. |

CLASS: T. Y.B.A. (HISTORY VI-)

| | |
|-----|--|
| CO1 | The learners will acknowledge about Archaeology and its importance in History. |
| CO2 | They will get knowledge about Epigraphy and its co-relation with history. |
| CO3 | The will understood importance of Numismatic in reorganization of history. |
| CO4 | The will know opportunity in field of Archaeology. |

CLASS:F Y.B.A. (FOUNDATION COURSE) SEM I&II

| | |
|------|--|
| CO1 | To impart the Social awareness of Students |
| CO2 | It is helpful for competitive Examination |
| CO3 | Foundation Course paper must be growth human being of Society's awareness and students development |
| CO4 | It is helpful for Socio, Cultural and religious Activities |
| CO5 | Programme provide fundamental rights and duties of Indian Constitution |
| CO 6 | Programme aware the political ideology also |

CLASS:S Y.B.A.(FOUNDATION COURSE) SEM III&IV

| | |
|-----|---|
| CO1 | To develop the basic General Knowledge of the Students. |
| CO2 | To impart the Social awareness of Students |
| CO3 | It is helpful for competitive Examination |
| CO4 | Foundation Course paper must be growth human being of Society's awareness |

| | |
|-----|---|
| | and students development |
| CO5 | It is helpful for Socio, Cultural and religious Activities |
| CO6 | Programme provide fundamental rights and duties of Indian Constitution. |

FACULTY OF SCIENCE
PROGRAMME-B.SC.
PROGRAMME OUTCOMES FOR THE YEAR 2021-22

| | |
|-----|---|
| PO1 | The students will understand the basic concepts, methods and application of science |
| PO2 | The students will be able to apply fundamental knowledge in completion of task and for acquiring professional skills |
| PO3 | The employability, skills and prospects for research of the students will be enhanced |
| PO4 | Students will be able to use various scientific techniques |
| PO5 | Students will be able to handle scientific instruments |
| PO6 | Students will have high social values, good communication skills, an understanding of professional and ethical responsibilities |
| PO7 | Students will be able to identify social problems and to provide solutions through subject knowledge |

DEPARTMENT OF CHEMISTRY

PROGRAMME SPECIFIC OUTCOMES

| | |
|-------|--|
| PSO1 | Students will be able to understand the role of chemistry in daily life. |
| PSO2 | Students will learn about fundamental properties of atoms, molecules and various states of matter and geometries of molecules. |
| PSO3 | Students will learn about acid-base chemistry, pH calculations, and buffer behavior and acid-base titrations. |
| PSO4 | Students will be able to understand laboratory techniques like distillation, extraction, reflux, crystallization, TLC etc. |
| PSO5 | Students will learn, how to communicate the result of their experiments primarily via written laboratory journals. |
| PSO6 | Students will learn how to engage in safe laboratory practices like handling laboratory glassware, equipments and chemical reagents. |
| PSO7 | Students will be able to understand the performance of graphical analysis to analyze laboratory results. |
| PSO8 | Students will learn about the applications of analytical methods based on titrations, separations, electrochemical measurements and spectroscopy at an introductory level. |
| PSO9 | Students will be able to explain why chemistry is an integral activity for addressing social, economic and environmental problems. |
| PSO10 | Students will be able to function as a member of interdisciplinary problem-solving team. |

CLASS: F.Y.B.SC. CHEMISTRY-I

| | |
|-----|---|
| CO1 | Understand different types of systems like open and closed system. |
| CO2 | Acquire knowledge of different forms of heat change taking place in dissolution and chemical reactions. |

| | |
|-----|---|
| CO3 | Learn various ways of defining concentration of a compound in solution. |
| CO4 | Apply the knowledge acquired for calculating the concentration of a compound in solution. |
| CO5 | Learn Rutherford atomic model and Bohr theory with its limitation. |
| CO6 | Write the IUPAC name of different organic compound. |

CLASS: F.Y.B. SC. CHEMISTRY-II

| | |
|-----|---|
| CO1 | Derive an expression for rate constant of a first order reaction. |
| CO2 | Derive an expression for rate constant of second order reaction with equal initial concentration of two reactant. |
| CO3 | Explain what is meant by main group elements. |
| CO4 | Learn and explain metallic and non-metallic nature of main group elements. |
| CO5 | Understand the concept of electronegativity of main group elements |
| CO6 | Learn about the concept of diagonal relationship between 2 nd period elements and 3 rd period elements. |

CLASS: S.Y.B. SC. CHEMISTRY-I

| | |
|-----|--|
| CO1 | Students will be able to understand the basic concepts and theories of physical chemistry. |
| CO2 | Students will learn about concept of thermodynamics and quantities like heat, energy and work, how they are measured and related to transform one form to another. |
| CO3 | Students will learn about how reaction rates are measured and represented in rate laws. |
| CO4 | Students will learn about states of matter and how they depend on temperature and pressure. |
| CO5 | Students will learn about basic principles of equipment's and instruments used in chemistry laboratory. |

CLASS: S.Y.B. SC. CHEMISTRY-II

| | |
|-----|---|
| CO1 | Students will be able to understand the basic concepts and theories of inorganic chemistry. |
| CO2 | Students will learn about bonding fundamentals for both ionic and covalent compounds. |
| CO3 | Students will be able to understand the formation of coordination complex practically. |
| CO4 | Students will be able to predict geometries and hybridization of different molecules. |
| CO5 | Students will learn about basic concepts of acid-base chemistry. |

CLASS: S.Y.B. SC. CHEMISTRY-III

| | |
|-----|--|
| CO1 | To know about Analytical chemistry & Statistical Treatment on Analytical data-I |
| CO2 | To understand the Role of Analytical Chemistry |
| CO3 | What is significance of sampling in Analytical Chemistry |
| CO4 | Students can easily calculate the result of Analysis such as Error Analysis & their types. |
| CO5 | This course aims to increase the understanding of the students about classical method of Analysis. |
| CO6 | They study about Neutralization titration. Gravimetric Analysis, Titrimetric method |
| CO7 | To handle & gain the Knowledge of instrumente.g. Potentiometer, pHmeter & Conductometre. |
| CO8 | Study about Solvent extraction & about chromatography & its types. |

CLASS: T.Y.B. SC. CHEMISTRY-I (PHYSICAL CHEMISTRY)

| | |
|-----|--|
| CO1 | Students will understand about states of matter and how they |
|-----|--|

| | |
|-----|--|
| | dependson temperatureand pressureaswellashowtheyco-existin phase equilibrium. |
| CO2 | Studentswilllearnaboutchemicalequilibriumanditsrelationship withthermodynamicquantities. |
| CO3 | StudentswilllearnaboutbasicquantumchemistryandatOMIC structureofatom. |
| CO4 | Studentswilllearnabouttheoreticalandpracticalprinciplesof instrumentslikepHmeter,potentiometer,cunductometeretc. |
| CO5 | Studentswilllearnaboutfundamentalsofnucleardecay. |
| CO6 | Studentswillbeabletosolvenumericalproblemsbasedon theoriesandpractical. |

CLASS: T.Y.B. SC. CHEMISTRY-II(INORGANICCHEMISTRY)

| | |
|-----|--|
| CO1 | Studentslearnaboutbondinginpolyatomicmolecules,includingelectronegativity's,bond distance,andbondenergiesusingmolecularorbital diagrams. |
| CO2 | Studentswillbeabletounderstandaboutfundamentalchemistryoftransitionandinnertransitionelements. |
| CO3 | Studentswilllearnaboutgrouptheorytorecognizeandassignsymmetrycharacteristicsto moleculesandobjects. |
| CO4 | Studentswillunderstandaboutbondingmodels,structureactivitiesandapplicationof coordinationcompounds,organometallics,metalcarbonylsetc. |
| CO5 | Studentswillbeabletoapplytheoreticalconceptstopracticalconcept. |
| CO6 | Studentswilllearnaboutlaboratorysafety. |

CLASS: T.Y.B. SC. CHEMISTRY-III (ORGANICCHEMISTRY)

| | |
|-----|--|
| CO1 | Studentswilllearnaboutreactivityandstabilityoforganicmoleculesbasedonstructureand stereochemistryandconformational analysis. |
| CO2 | Studentswillbeabletopredictmechanismoforganicreactions. |
| CO3 | StudentslearnaboutdeterminationofstructureoforganiccompoundsusingIR,NMRand Massspectroscopic techniques. |
| CO4 | Studentswilllearnaboutfundamentalspropertiesofbiologicallyimportantmoleculeslike carbohydrates,aminoacids,nucleicacidsetc. |
| CO5 | Studentswilllearnaboutelectronicstructureandbondinginaromaticsystems. |

CLASS: T.Y.B. SC. CHEMISTRY-IV(ANALYTICALCHEMISTRY)

| | |
|-----|--|
| CO1 | Studentswilllearnaboutreactivity andstabilityoforganicmoleculesbasedonstructureandstereochemistryandconformational analysis. |
| CO2 | Studentswillbeabletopredictmechanismoforganicreactions. |
| CO3 | StudentslearnaboutdeterminationofstructureoforganiccompoundsusingIR,NMRand Massspectroscopic techniques. |
| CO4 | Studentswilllearnaboutfundamentalspropertiesofbiologicallyimportantmoleculeslike carbohydrates,aminoacids,nucleicacidsetc. |
| CO5 | Studentswilllearnaboutelectronicstructureandbondinginaromaticsystems. |
| CO6 | To knowaboutwhatarethetypesoferrors,determinate&indeterminateerrors,minimizationof errors. |
| CO7 | The studentwilllearntaboutSamplingtechniquesmethodsandequipmentused. |
| CO8 | StudentswillunderstandaboutTitrimetricAnalysis&Uv-VisibleSpectroscopy |

CLASS: T.Y.B. SC. CHEMISTRY(APPLIEDCOMPONENT: 1.DRUGS2.DYES)

| | |
|-----|---|
| CO1 | The studentlearnsaboutpigment,whatisdifferencebetweendyes&pigments. |
| CO2 | The studentsstudy aboutgrowth&developmentoftheIndianDyestuff. |
| CO3 | StudentsknowaboutNon-textileusesofdyes. |

| | |
|-----|---|
| CO4 | Students know about Health & Environmental Hazards of synthetic Dyes & their Remediation process. |
| CO5 | Students study about Nanoparticles in medicinal chemistry. |
| CO6 | Students understand about Drugs & Environmental aspects. |

DEPARTMENT OF BOTANY PROGRAMME SPECIFIC OUTCOMES

| | |
|------|---|
| PSO1 | Critical Thinking: Apply the knowledge of biology to make scientific queries and enhance the comprehension potential. |
| PSO2 | Effective Communication: Successful transfer of scientific knowledge both orally and in writing. |
| PSO3 | Social Interaction: Function as an individual, as a member or a leader to perform a task in classroom situation or during field study. |
| PSO4 | Effective Citizenship: Responsible for learning, develop honesty in work and respect for self and others. |
| PSO5 | Ethics: Convey and practice social, environmental and biological ethics. PO6. Environment and Sustainability: Insist the significance of conserving a clean environment for perpetuation and sustainable development. |
| PSO6 | Self-directed and Life-long Learning: study incessantly by self to cope with growing competition for higher studies and employment. |

COURSE OUTCOMES CLASS: F.Y.B.SC. BOTANY-I

| | |
|-----|--|
| CO1 | Discuss about importance of morphological structure, classification, reproduction and economic importance of Algae, Fungi, and Bryophytes. |
| CO2 | Students get knowledge in Algae, fungi and Bryophytes. |
| CO3 | Students Gain adequate knowledge on general characters, classification and economic importance of Pteridophytes. |
| CO4 | To study and impart knowledge about the morphology and anatomy of Pteridophytes |
| CO5 | Students have a good overview of general characters, morphology, reproductive organs, classification and |

CLASS: F.Y.B.SC. BOTANY-II

| | |
|-----|--|
| CO1 | This course aims to increase the understanding of the students about the diversity of flower plants, their classification, structure and growth. |
| CO2 | The students will develop understanding about the diversity, identification, classification and economic importance of flower plants. |
| CO3 | Understand external and internal structure of plants. |
| CO4 | Aware various plant families and its economic importance |
| CO5 | Get knowledge on structure and development of plant embryo. |
| CO6 | Acquire knowledge on the physiological functions of plants. |

CLASS: S.Y.B.SC. BOTANY-I

| | |
|-----|--|
| CO1 | This course aims to increase the understanding of the students about the diversity of flower plants, their classification, structure and growth. |
| CO2 | The students will develop understanding about the diversity, identification, classification and economic importance of flower plants. |

| | |
|-----|---|
| CO3 | Understand external and internal structure of plants. |
| CO4 | Aware various plant families and its economic importance |
| CO5 | Get knowledge on structure and development plant embryo. |
| CO6 | Acquire knowledge on the physiological functions of plants. |

CLASS: S.Y.B. SC. BOTANY-II

| | |
|-----|--|
| CO1 | Acquire knowledge on ultrastructure of cell.. |
| CO2 | Understand the structure and chemical composition of chromatin and concept of cell division. |
| CO3 | Interpret the Mendel's principles, acquire knowledge on cytoplasmic inheritance and sex linked inheritance. |
| CO4 | To become knowledgeable in plant and its water relations. |
| CO5 | To understand the energy releasing steps in Glycolysis. Students will be familiar about the mechanism of respiration. |
| CO6 | To acquire knowledge in plant growth regulator and its uses, understand the physiology of flowering and photoperiodic. |
| CO7 | Get knowledge on pharmacological importance of medicinal plants and its bioactive compounds |
| CO8 | Acquire knowledge on different adulterants. |

CLASS: S.Y.B. SC. BOTANY-III

| | |
|-----|---|
| CO1 | Understand different systems of traditional medicines |
| CO2 | Acquire knowledge on collection and processing of herbal drugs |
| CO3 | Get knowledge on pharmacological importance of medicinal plants and its bioactive compounds |
| CO4 | Acquire knowledge on different adulterants. |
| CO5 | Understand different systems of traditional medicines |
| CO6 | Acquire knowledge on collection and processing of herbal drugs. |

DEPARTMENT OF PHYSIC COURSE OUTCOMES

CLASS: F.Y.B.SC. PHYSICS-I

| | |
|-----|---|
| CO1 | Understand Newton's laws and apply them in calculations of the motion of simple systems. |
| CO2 | Use the free body diagrams to analyze the forces on the object. |
| CO3 | Understand the concepts of friction and the concepts of elasticity, fluid mechanics and be able to perform calculations using them. |
| CO4 | Understand the concepts of lens system and interference. |
| CO5 | Apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process. |
| CO6 | Demonstrate quantitative problem solving skills in all the topics covered |

CLASS: F.Y.B.SC. PHYSICS-II

| | |
|-----|---|
| CO1 | Understand nuclear properties and nuclear behavior. |
| CO2 | Understand the type isotopes and their applications. |
| CO3 | Demonstrate and understand the quantum mechanical concepts. |

| | |
|-----|---|
| CO4 | Demonstrate quantitative problem solving skills in all the topics covered |
|-----|---|

CLASS: S.Y.B.SC. PHYSICS-I

| | |
|-----|--|
| CO1 | Understand the basic concepts of mathematical physics and their applications in physical situations. |
| CO2 | Understand the basic laws of electrostatics and be able to perform calculations using them. |
| CO3 | Understand the basics of transistor biasing, operational amplifiers, their applications |
| CO4 | Understand the basic concepts of oscillators and be able to perform calculations using them. |
| CO5 | Demonstrate quantitative problem solving skill in all the topics covered. |

CLASS: S.Y.B.SC. PHYSICS-II

| | |
|-----|--|
| CO1 | Understand the diffraction and polarization processes and applications of them in physical situations. |
| CO2 | Understand the applications of interference in design and working of interferometers. |
| CO3 | Understand the resolving power of different optical instruments. |
| CO4 | Understand the working of digital circuits |
| CO5 | Use IC 555 timer for various timing applications. |
| CO6 | Demonstrate quantitative problem solving skills in all the topics covered. |

COURSE OUTCOMES CLASS: S.Y.B.SC. PHYSICS-III

| | |
|-----|--|
| CO1 | Understand the concepts of mechanics & properties of matter & to apply them to problem |
| CO2 | Comprehend the basic concepts of thermodynamics & its applications in physical situation |
| CO3 | Learn about situations in low temperature. |
| CO4 | Demonstrate tentative problem solving skills in all above areas |

CLASS: F.Y.B.SC. MATHEMATICS-I&II

| | |
|-----|--|
| CO1 | Gain knowledge of fundamental concepts of real numbers, solve example on AM-GM inequality, Cauchy-schwarz, inequality, intervals, neighbourhood Hausdorff property. |
| CO2 | Introduction to sequences convergent and divergent sequence bounded sequence, limit of convergent sequence & uniqueness of limit, verify the value of limit of function at a point using destination, uniqueness of limit if it exist, Algebra of limit, limit of composite function, sandwich theory, left hand & right hand limit of a function. |
| CO3 | Continuous function learn to check function is continuous at a point in an interval and at the end points of domain, learn removable discontinuity and essential discontinuity. |
| CO4 | Students learn definition of series and sigma notation, sequence of partial sums of a series Cauchy criterion, tests of convergence, ratio, test root test. |
| CO5 | Define & Understand limit of a function & evaluation limit of function by E-d definition understand algebra & limits. Know chain rule higher order derivative of derivatives inverse and implicit functions. |

CLASS: F Y.B.A./B.COM./ B.SC. (FOUNDATION COURSE) SEM. I & II

| | |
|------------|---|
| CO1 | To impart the Social awareness of Students. |
|------------|---|

| | |
|------------|---|
| C02 | This course is helpful for competitive Examination. |
| C03 | Foundation Course paper must be growth human being of Society's awareness and students development. |
| C04 | To understand of Social, Cultural and religious Activities. |
| C05 | To Awareness about fundamental rights and duties of Indian Constitution. |
| C06 | To Understand aware about political ideology. |

CLASS: S Y.B.A. /B.COM. / B.SC. (FOUNDATION COURSE) SEM. III & IV

| | |
|------------|--|
| C01 | To develop the basic General Knowledge of the Students. |
| C02 | To import the Social awareness of Students |
| C03 | It is helpful for competitive Examination |
| C04 | Foundation Course paper must be growth human being of Society's awareness and students development |
| C05 | It is helpful for Socio, Cultural and religious Activities |
| C06 | Programme provide fundamental rights and duties of Indian Constitution. |



IQAC Co-ordinator
M.M.Jagtap College of Arts, Science and
Commerce
At post Mahad- Raigad.




PRINCIPAL
M. M. JAGTAP SENIOR COLLEGE
ARTS, SCIENCE & COMMERCE
MAHAD - RAIGAD.

FACULTY OF COMMERCE
PROGRAMME B.COM.
PROGRAMME OUTCOMES

| | |
|------------|--|
| PO1 | After completing three years for Bachelors in Commerce (B.Com) program, students would gain Knowledge in the fundamentals of Commerce, Accountancy, Management and all allied subjects. |
| PO2 | The commerce focused curriculum offers a number of specializations which would equip the student to face the modernday challenges in commerce and business and they will be prepared to accept responsibilities in the business world |
| PO3 | Empowerment of learners through access to commerce education and enabling them to develop as intellectually active, socially responsible citizens always ready for continuous personal and professional growth to fit into the challenging business environment. |
| PO4 | Inculcate the element of research amongst the learners, to develop their overall personality. |
| PO5 | To develop managerial skill and numerical ability. |
| PO6 | Ready for employment in functional area of accounting and auditing. |

CLASS: F Y.B.COM. (BUSINESS COMMUNICATION) SEM. I & II

| | |
|------------|--|
| CO1 | The Students learned the concept of communication, impact of technology enabled communication, communication at workplace, business ethics, problem in communication/barriers to communication, listening. |
| CO2 | They learned theory of business letter writing and become able of doing personnel correspondence. |
| CO3 | The students develop several schemes such as paragraph writing skills, speaking skills, writing skills, remedial grammar, soft skills, conflict management and time management with the help of tutorials. |
| CO4 | The students Learn various techniques and methods of group discussions, interview preparation, importance of committees, types and importance of conferences. |
| CO5 | They learn various formats of drafting trade letters. |
| CO6 | They Learn remedial grammar used for drafting of reports, summarization. |
| CO7 | The techniques of writing book reviews are taught so that they learn summarization and mock interviews are conducted with through tutorials. |

CLASS: F Y.B.COM. (ACCOUNTANCY & FINANCIAL MANAGEMENT)
SEM. I & II

| | |
|------------|--|
| CO1 | The students understand the practical applications of Indian Accounting Standards. |
| CO2 | The students understand the differences between Capital and Revenue expenditure and Receipts. |
| CO3 | The students learn to keep books in departmental accounting system |
| CO4 | The students become aware about the practical application of Pass Book and cash book transactions. |

| | |
|------------|--|
| CO5 | The students are able to know concept of consignment, Procedure of consignment, accounting of consignment and stock valuation. |
| CO6 | The students are able to know the concept of Branch, Dependent Branches, Debtors system and stock debtor system. |
| CO7 | The students are be able to know computer system, Components of Computer, Importance of Computer and limitations of computer in Accountancy. |

CLASS: F Y.B.COM. (COMMERCE PAPER I)

SEM. I & II

| | |
|------------|---|
| CO1 | The students have been well aware of concept of modern business, its scope, functions and significance and importance to society and nation and difference between modern and traditional systems of business. |
| CO2 | They know the process of setting various objectives and its role in getting success in business. |
| CO3 | The students are acquainted with the concepts of Globalisation, Privatization and Liberalization with their advantages and disadvantages |
| CO4 | They are familiar with Business Restructuring and Turnaround Strategies with their impact: positive and negative. |
| CO5 | The concept of Business Environment, its internal, external factors affecting on business, Educational Environment, International Environment, WTO , Trading Blocs with all their impact on Indian Business are to be introduced with the student community |
| CO6 | Meaning, characteristics, Scope and Classification of Services, Importance of Service Sector in India. |
| CO7 | Marketing Mix Services: Consumer Expectation, Service Mix seven components. |
| CO8 | Service Strategies: Market Research and Service Development Cycle, Managing Demand and Capacity, Opportunities and Challenges in Service Sector. |

CLASS: F Y.B.COM. (MATHEMATICAL & STATISTICAL TECHNIQUES)

SEM. I&II

| | |
|-----|---|
| CO1 | the students acquire the knowledge with facts & figures related mathematic Statistics |
| CO2 | Understand the Basic Concepts, Fundamental Principal of Mathematics & Statistics and their relevance in day to day life CO3 Understand Applications of Mathematics & Statistics in different fields. |
| CO4 | Students will enable to understand and compute the measure of central tendencies i.e. mean, media, mode .etc. |
| CO5 | Students will gain a thorough knowledge in preparing competitive examination by MPSC ,UPSC,BANK etc. |
| CO6 | Students will able to prepare themselves for higher education. leading to M.Com/ C.A/ ICA |
| CO7 | Students will be able to work in different & management institutions. |
| CO8 | Students will learn Numeric aptitude applying both qualitative & quantitative knowledge for their future career. |
| CO9 | Enhancing students overall development and to equip them with mathematical & statistical modelling, ability, problem solving skills, creative talent and power of communication necessary for various kinds of employments. |

CLASS: S Y.B.COM (ACCOUNTANCY & FINANCIAL MANAGEMENT)-

SEM. III & IV

| | |
|------------|---|
| CO1 | To student will able to understand or gain the knowledge of admission or retirement /death of a partnership. |
| CO2 | To student will able to understand analysis how piecemeal distribution of cash after dissolution of partnership firm. |
| CO3 | To student will able to understand how old firm merge with new firm. |
| CO4 | To student will able to understand how partnership firm converted into anLtd company. |
| CO5 | To student will able to understand or gain the knowledge of company A/c, issue of Shares or debenture. |
| CO6 | Student will able to understand the provision of companies Act regarding redemption of preference shares. |
| CO7 | Student will able to understand the provision of companies Act regarding redemption of preference shares. |
| CO8 | The student will able to understand after incorporation and how allocated income & expenses. |

CLASS: S Y.B.COM (COMMERCE III&IV) SEM. III & IV

| | |
|------------|--|
| CO1 | To make the Lerner aware conceptual knowledge and revaluation. |
| CO2 | To understand the learners with the function in management. |
| CO3 | To acquire the Lerner with the basic concepts of production management, inventory management and quality management. |
| CO4 | To acquire basic knowledge about Indian financial system. |
| CO5 | To update the Lerner with the recent trend in finance. |

CLASS: S Y.B.COM (ADVERTISING) SEM. III & IV

| | |
|------------|---|
| CO1 | Understanding of evaluation and classification of advertising |
| CO2 | Developed skills required for career in advertising |
| CO3 | Understanding economic & social aspects of advertising |
| CO4 | Understanding of Brand building & Special purpose advertising & trends in advertising |
| CO5 | Better understanding of media in advertising |
| CO6 | To develop understanding of advertising budget & planning in advertising |
| CO7 | Understanding the importance of creativity aspects of advertising |
| CO8 | Understanding measuring the effectiveness of advertising |

CLASS: T Y.B.COM MARKETING AND HUMAN RESOURCE DEVELOPMENT (COMMERCE PAPER III) SEM. V & VI

| | |
|------------|---|
| CO1 | Understand the concept and functioning of marketing. |
| CO2 | Get knowledge of marketing strategic and organization. |
| CO3 | Orient the student recent trend in marketing. |
| CO4 | Create awareness about marketing of eco-friendly product in the society through students. |
| CO5 | Inculcate knowledge of various aspect of marketing such as Marketing Ethics, Rural Marketing, Digital Marketing and Green Marketing. |
| CO6 | Orient the students recent trend in HRM |
| CO7 | Inculcate knowledge of various aspects of HRM such as HRP, HRD, Recruitment, Performance Appraisal, Career Planning, Human Relation, Employees Moral, Employee Grievance etc. |

CLASS: T Y.B.COM (FINANCIAL ACCOUNTING) SEM. V & VI

| | |
|------------|--|
| CO1 | Understanding the concept of Financial Accounting. |
| CO2 | Exposure to nature and advantages of accounting, Accounting concept and conventions. |
| CO3 | Introduction to Accounting Standard in India |
| CO4 | Obtaining the knowledge of computerized accounting. |
| CO5 | Getting knowledge about accounting procedure of Company Final Account, Internal Reconstruction, Buy Back of Equity Share, Investment Accounting, Ethical Behaviours and implication of for Accountant, Amalgamation, Absorption and External Reconstruction of the company, Foreign Currency Transaction liquidation of companies, Underwriting of Shares and Debenture, and Accounting for limited Liability Partnership. |

CLASS:T Y.B.COM (COSTING) SEM. V & VI

| | |
|------------|---|
| CO1 | Closing help then Cost sheet, Reconciliation, material, labour cost, stock valuation, marginal, standard cost, process, contract, cost control a/c , different types of cost techniques . |
| CO2 | Cost sheet which will help them to estimate selling price of product including profit |
| CO3 | Understand the concepts of cost accounting and to expertise in presenting cost centre& profit centre. |
| CO4 | Gain expert knowledge on Materials cost and its methodologies |
| CO5 | Computation of wages under different methods of wage payment |
| CO6 | Explore in depth knowledge on classification of overheads |
| CO7 | Understanding and problem solving on Contract costing and Process costing. |
| CO8 | Understanding of emerging trends of Cost Accounting. |

CLASS: T Y.B.COM (MARKETING RESEARCH) SEM. V & VI

| | |
|------------|---|
| CO1 | Comprehend the concepts of marketing research. |
| CO2 | Enable the student to undertake marketing research. |
| CO3 | Evaluate the various sources of data collection. |
| CO4 | Familiar with data processing, analysis and reporting. |
| CO5 | Integrating the use of technology in data collection and analysis. |
| CO6 | Evaluate the in house and professional marketing research agencies. |
| CO7 | Familiar with prominent marketing research agencies. |
| CO8 | Developing the skill to undertake small projects of marketing research. |

CLASS: F Y.B.COM. (ENVIRONMENTAL STUDIES) SEM. I & II

| | |
|------------|--|
| CO1 | To understanding Environmental concept, and scope of environment study. |
| CO2 | To understanding the relationship of man with environment and help them change his attitude for more positive, proactive, eco-friendly and sustainable life style. |
| CO3 | To getting information about climate change, global warming, acid, rain, greenhouse effect, ozone layer depletion, and green consumption. |
| CO4 | To realization of the impact of human action on the immediate environment. |
| CO5 | To understanding environmental protection Act. 1986, Air and water pollution control Act. |

CLASS: F Y.B.A./B.COM./ B.SC. (FOUNDATION COURSE) SEM. I & II

| | |
|------------|---|
| C01 | To impart the Social awareness of Students. |
| C02 | This course is helpful for competitive Examination. |
| C03 | Foundation Course paper must be growth human being of Society's awareness and students development. |
| C04 | To understand of Social, Cultural and religious Activities. |
| C05 | To Awareness about fundamental rights and duties of Indian Constitution. |
| C06 | To Understand aware about political ideology. |

CLASS: S Y.B.A. /B.COM. / B.SC. (FOUNDATION COURSE) SEM. III & IV

| | |
|------------|--|
| C01 | To develop the basic General Knowledge of the Students. |
| C02 | To impart the Social awareness of Students |
| C03 | It is helpful for competitive Examination |
| C04 | Foundation Course paper must be growth human being of Society's awareness and students development |
| C05 | It is helpful for Socio, Cultural and religious Activities |
| C06 | Programme provide fundamental rights and duties of Indian Constitution. |



IQAC Co-ordinator
M.M.Jagtap College of Arts, Science and
Commerce
At post Mahad- Raigad.




PRINCIPAL
M. M. JAGTAP SENIOR COLLEGE
ARTS, SCIENCE & COMMERCE
MAHAD - RAIGAD.