Program Outcomes, Programme Specific Outcomes and Course Outcomes

Faculty:-Science	
Programme Outcome	**PO1**-Students will be able to improve their scientificapproach. **PO2**- The critical thinking will be increased. **PO3**- The scientific culture gets developed and studentscandesign, plan, solve problem in systematic way. **PO4**- Interdisciplinary thinking will increase theircollaborative work. **PO5**- They will express their own ideas in form of opinions,small projects, practical, research papers
Department:-Physics	
Programme Specific Outcome's	**PSO1**- Students will demonstrate an understanding of physics course knowledge of mechanics, properties of matter, sound ,heat and thermodynamic, optics electricity and magnetism, mathematical Physics, nuclear physics, electronics, solid state physics, classical and quantum mechanics, Electrodynamics, Atomic, Molecular and Laser Physics, non-conventionalenergy sources and optical fibers. **PSO2**- These branches are covered in three years. Students will demonstrate written and oral communication skills in Communicating modern physics topics. **PSO3**- Students will show that they have learned laboratory skills enabling them to take measurements to draw valid conclusions. **PSO4**- Students acquired the knowledge of scientific communication and will prove that they can think critically andwork independently.
Course Outcomes	
Course	**Outcomes**
F.Y.Sem.–I,Paper–I **Mechanics, properties of matter &sound**	**CO1:**Students are aware about mechanics they acquired knowledgeabout Gravitational, its laws. **CO2:**Students learn about matter andwhichispresentnearbythemalsotheylearnaboutsound. **CO3:**Theylearnthispaperinsimple andlucid manner
F.Y.Sem.–I,Paper–II **Heat and Thermodynamics**	**CO1:** To understand the concept of thermal conductivity and its application. **CO2:** To understand the concept of real gases and transform phenomena. **CO3:** To enable students to understand the laws of thermodynamics and thermodynamic processes. **CO4:** To study the concept of entropy thoroughly.

	CO5: To study heat engines and their efficiency. **CO6:** To enable students to solve numerical problems.
F.Y.Sem.–II,Paper–IV **Geometrical and Physical Optics**	**CO1:**Geometricalopticsandopticalinstruments,Interference, diffractionandPolarizationlearn bythestudents
F.Y.Sem.–II,Paper–V **Electricity and Magnetism**	**CO1:**The fundamental knowledge of vector algebra and Electricityarelearninginsimplemanner. **CO2:**The electricity is nearly equivalent to magneto statics and transient current are learn by the students.
F.Y.Sem.–I&II, Paper–III+VI**Practical**	Students under stand the theory due to only practical and fordeep knowledge about learned theory.The yacquired skill to handle the instruments.
S.Y.Sem.–III,Paper–VII **Mathematical, Statistical Physics and Relativity**	**CO1:** To familiarize students with the mathematical methods used in physics. **CO2:** To familiarize students with the vector algebra. **CO3:** To get acquaintance with the differential equations. CO4: To familiarize students with partial differential equations. CO5: To familiarize students with classical and quantum statistics. CO6: To understand the concepts of special theory of relativity. CO7: To apply mathematical methods to solve problems in physics.
S.Y.Sem.– III, Paper– VIII **Modern and Nuclear Physics**	CO1: To familiarize learners with basic properties of nucleus. CO2: To have deep understanding of radioactivity and its applications. CO3: To familiarize students with nuclear forces and elementary particles. CO4: To understand construction and working of various particle accelerators and detectors. CO5: To understand photoelectric effect. CO6: To study different photoelectric cells. CO7: To enable students to solve numerical problems.
S.Y.Sem.–IV, Paper–XI **General Electronics**	CO1: To familiarize students with basic electronic components. CO2: To understand semiconductors. CO3: To have deep knowledge of semiconductor devices. CO4: To familiarize learners with transistor circuits and their characteristics. CO5: To understand oscillators and multi vibrators. CO6: To understand the process of modulation and demodulation. CO7: To solve numerical problems.
S.Y.Sem.–IV, Paper–XII **Solid state Physics**	CO1: To familiarize students with basic concepts of structure of solids. CO2: To familiarize students with characterization techniques. CO3: To understand bonding and band theory of solids deeply. CO4: To understand transport properties thoroughly. CO5: To enable students to solve numerical problems.
S.Y.Sem.–III&IV Paper–**IX +X &Paper XIII +XIVPractical**	Alltheessentialpracticalskillsarestudiedbythestudents. Alsoinstrumenthandlingskillalsodevelopedduetothesedifferentpractical.
T.Y.Sem.–V,Paper–XV **Classical and Quantum Mechanics**	CO1: To understand the mechanics of the system of particles. CO2: To understand d'Albert, principle, Langranges equation and its application.

	CO3: To familiarize students with historical background of quantum mechanics. CO4: To understand wave function and its physical interpretations. CO5: To familiarize learners with time dependent and time independent Schrodinger equations and their applications. CO6: To familiarize students with various operators used in quantum mechanics. CO7: To enable students to solve numerical problems.
T.Y.Sem. –V, Paper–XVI **Electrodynamics**	CO1: To familiarize students with various differential operators to study the Gauss law. CO2: To familiarize learners with basic concepts and equations related to time varying fields such as Faradays law, Len's law etc. CO3: To write expression for pointing vectors for electromagnetic waves. CO4: To enable to write wave equations. CO5: To solve numerical problems
T.Y.Sem.–VI,Paper– XIX **Atomic, Molecular Physics and LASER** ,	CO1: To familiarize students with conceptual development of atomic model. CO2: To understand one and two valence electron systems deeply. CO3: To understand Zeeman Effect, Paschan back effect, Stark effect etc. CO4: To understand Molecular Raman Spectroscopy. CO5: To have deep introduction to lasers. CO6: To familiarize students with different types of LASERS. CO7: To understand construction and working of various types of LASERS. CO8: To be aware with various applications of LASERS. CO9: To enable students to solve numerical problems.
T.Y.Sem.–VI,Paper–XX **Non-conventional Energy sources and Optical Fibers**	CO1: To introduce students with various types of renewable energy sources. CO2: To familiarize students with applications of solar energy. CO3: To familiarize students with applications of biomass energy. CO4: To familiarize students with wind mechanics. CO5: To create awareness among students about energy conservation. CO6: To familiarize students with optical fibers. CO7: To familiarize students with applications of optical fibers. CO8: To enable students to solve numerical problems.
T.Y. Sem. – V&VI Paper–IX +X &Paper XIII +XIV**Practial**	CO1: Up to the third year level students acquired the skill to take correct and accurate read ingsand easily handling the instruments, which isuseful for researchin future.
Department of Chemistry	
Programme Specific Outcome	**PSO1:** To enable students for critical thinking and the scientific method to design, performer cordand analyze the outcomes of chemical experiments. **PSO2:** They should get an awareness of chemistry in everyday life and also the impact of chemistry on the environment.

	Organic Chemistry:- Clarificati on off undamental concept sessential for higher studies.Cangive IUPA Cnamesto compounds, Syn the ticreactions and their mechanism, will be perfect for basic skills in synthetic corganic chemistry, Character ization by various an alytical techniques. **Inorganicchemistry:-** Learn about periodic table and periodic properties, mole cularsymmetry, co-ordination chemistry and Bio-inorganic chemistry. **Physicalchemistry:-** From physical chemistry, students acquire the knowledge about the operating skills of different apparatuses, the maintenance of instruments and preparation of solutions of various concentrations. Forstudent knowledge of physical chemistry is Very helpful for instrumentalde term inations of various factors.
Course Outcomes	
Course	**Outcomes**
F.Y.Sem.– I,Paper– I,**InorganicChemistry**	CO1: Students can do comparative study of S & P block elements, Atomic structure, orbitals,shapes. CO2: Students can realize periodic properties, atomic and ionicradii, ionizationenergy, Electron affinity, Electro negativity CO3: To study s- and p- block elements.
F.Y. Sem. – I, Paper – II ,**OrganicChemistry**	CO1:To enable students to learn about-Drawing of organic molecules & arrow pushing concept, aromaticity concept, Structure, No men clature,Preparation & reactions of organic compounds, CO2: To study stereochemistry and its importance. CO3: To familiarize open chain compounds and their importance
F.Y. Sem. – II, Paper – IV ,**Physical Chemistry**	CO1:Students acquire the knowledge of mathematical operations,true solutionsand colloidal solutions. CO2:Able Understand chemical kinetics, rate of chemical reactions, factors affecting the rate of reaction
F.Y. Sem. – II, Paper – V,**InorganicChemistry**	CO1:Students will study about noble gases, chemical bonding –covalent & ionic bon CO2: Students can judge the geometry, bondangle etc, with the study of hybridization. CO3: students able to understand Nuclear chemistry-atomic number, mass number, isotopes, binding energy, Types of titrations, calibration of pipette & burette,indicators use dinp H-titrations
F.Y.Sem.–I&II, Paper–III+VI,**Practical**	CO1: Students would know about analysis of organic compounds with detection of elements, functional groups, physical constant. CO2: Students canper form Volume tricanalysis and Qualitative analysis. CO3:Students become familiar with chemistry lab with new instruments, glassware's.

S.Y.Sem.–III,Paper–VII,**OrganicChemistry**	CO1:Students should be able to understands ynthesis, properties of some important compounds like alcohols, phenols, aldehydes and ketones, carboxylic acids, compounds of nitrogen.
S.Y.Sem.– III, Paper– VIII, **PhysicalChemistry**	CO1:Students get the knowledge of different forms of energy, the irtrans formations.Work done invarious processes.
S.Y.Sem.–IV,Paper–X, **InorganicChemistry**	CO1:Properties off irsttransition series,co-ordination compounds, valence bond the ory, properties of lanthanides & actinides compounds, concept of acid & base,properties of non-aqueous solvent.
S.Y. Sem. – IV, Paper – XI,**PhysicalChemistry**	CO1: This section teaches the students about the different types ofcells,which are generally use dindifferent fields. CO2: Students get the knowledge of phases and theird egreeo ffreedom.
S.Y. Sem. – III + IV,Paper – IXPhysical +Inorganic,Practical	Students acquire the knowledge of different instruments. Alsostudent get the information about the solution preparation ofvariousconcentrations.Studentswillbeabletoperform complex metrictitrations, and gravimetrices timations.
S.Y. Sem. – III + IV,PaperXII–**Physical+organic,Practical**	CO1:To synthesize organic derivatives and to determine physical constants CO2:To carry organics timations. CO3:Students do the experiments with glass wares therefore they get the skill of handling the glass wares with preparations of solutions and plotting of graphs with mathematical calculations.
T.Y.Sem.–V,Paper–XIII,**PhysicalChemistry**	CO1: Students acquire the knowledge of quantumme chanics. CO2: Applications of photo chemistry will be useful for the knowledge of students. CO3: Students can decide the different mole cularstructures using physical properties liked ipolemoments, surface tensions etc.
T.Y. Sem. – V, Paper – XIV,**OrganicChemistry**	CO: Students should know organics pectroscopic techniques, details about organ metallic compounds and fats, oils and detergents, some activemethylene compounds.
T.Y.Sem.–VI,Paper–XVI,**InorganicChemistry**	CO: Metal-legend bonding, Electronic spectra in transition metalcomplex, classification & properties of organ metallic ccompounds, biological role of alkali & alkalinemetalions, nitrogen fixation,chromate graphy & its classification.
T.Y. Sem. – VI, Paper – XVII, **OrganicChemistry**	CO1: Students will know structure, synthesis and properties of heterocyclic compounds. CO2: students will bein troduced some compounds like polymers, carbohydrates, drugs and dyes.
T.Y. Sem. – V + VI, Paper – XV **Organic + InorganicPractical**	CO1: To carry out separation and identification of binarymixture CO2: To analyze compound in respect to elements, functional group,physicalconstant CO3: students will be able to performs emimicroanalysis, estimations by volumetric callyand gravimetrically.

T.Y. Sem. – V + VI, Paper – XVIII, **Organic + PhysicalPractical**	CO1: Students get the knowledge of colorimeter, potentiometer, and conduct meter for the different experiments. CO2: students will acquire the skills of handling various glassware's. CO3: To synthesize organic compounds and to check their purity by TLCandphysical constants CO4:To carry organic estimations.
Department:-Computer Science	
Program Specific Outcome	PSO 1: The Computer Science Department's Bachelor of Science programe able students to attain: **Systems thinking, Problem-Solving, Communication, Teamwork, Recenttechnology Awareness, Professional Practice, Professional Development, Technical Expertise, Programmatic approach in Software**
Course Outcomes	
Course	**Outcomes**
B.Sc.F.Y.	
F.Y.Sem.– I,Paper– I,**ComputerFundaments**	**Students will be able to:** **CO1:**Bridge the fundamental concepts ofcomputers with the present level of knowledge of the students. **CO2:** Familiariseoperatingsystems,programminglanguages, peripheraldevices,networking,multimediaandinternet.
F.Y. Sem. – I, Paper – II ,**DigitalElectronics**	**Students will be able to**: **CO1**: Understand binary, hexadecimal andoctal number systems and their arithmetic. **CO2**: Understand how logiccircuits and Booleanalgebra formsas the basics of digital computer. **CO3**: Demonst rate the building up of Sequential and combi national logic from basic gates.
F.Y. Sem. – II, Paper – IV ,**OperatingSystem**	**Studentswillableto:** **CO1:** Describe the important computer system resources and the role of operating system in their management. **CO2:**Understand the process management policies and sche duling of processes by CPU, memory management and its allocationpolicies, storage management policies with respect to differents or agemanagement technologies. **CO3:**Identify the need to create the special purpose operating system.
F.Y. Sem. – II, Paper – V ,**Programmingin C**	**Studentswillbeableto:** **CO1:** Algorithmic thinking, problem solving and impart moderate skills in programming using C Languages in industry standard. **CO2:** Introduce students to learn basic features, create, execute program using conditional statements, loopsandarrays, functions.
F.Y.Sem.–I&II, Paper–III+VI, Practical	**Studentswillbeableto:** **CO1:** Create, Save, Copy, Delete, Organize various types offiles and manage the deskt opingeneral, useastand word and spread sheet processing package exploitingpopular features. **CO2:**To provide basic knowledge in digital logic,combination alandse quential circuits. **CO3:**Implement Cprogramming features and execute programs.
B.Sc.S.Y.	

S.Y.Sem.–III,Paper–VII,**AdvanceCProgramming**	**Studentswillbeableto:** **CO1:** Explain function, storage class, library function. **CO2:**They can also implement data conversion function. CO3: They can handle file handling function and graphics functionin C.
S.Y.Sem.–III,Paper–VIII, **Data Structure**	**Studentswillbeableto:** **CO1:** Implement operations like searching, insertion, and deletion, traversing mechanismetc. On various datastructures. **CO2:**Students will be able to implement Linearand Non-Linear data structures. **CO3:** Implement appropriate sorting/ searching technique or given problem.They can explain linked list, stacks, and queues.
S.Y. Sem. – IV, Paper – XI ,**Programming In CPP**	**Students will be able to:** **CO1:** Explain basic features of OOPs. **CO2:** Demonstrate understanding and use of Function overloading, operator overloading. **CO3:** Identify and design Constructer and Destructor.
S.Y.Sem.–IV,Paper–XII,**DBMSUsingSQL**	**Students will be able to:** **CO1:** Explain the features of data base management systems and Relational database. **CO2:**Design conceptual models of a database using ER modeling for reallife application sandal so construct queries in Relational Algebra. **CO3:** Retrieve any type of information from a data base byformulating complex queries in SQL. **CO4:**Analyze the existing design of a data bases chemaand apply concepts of normalization to designan optimal database.
S.Y.Sem.–III&IV,Paper – XI,X + XIII , XIV ,**Practical**	**Studentswillbeableto:** **CO1:**Implement advance programming concept likes tring function, file handling, graphics. **CO2:**Select appropriate data structure sasapplied to specified problem finition. **CO3:**Implement operations like searching, insertion, and deletion, traversing mechanism etc. on variousdatastructures. **CO4:**Implement Object Oriented programming concept using basicsyntax. **CO5:** Identify classes, objects, members of a class and there lationships among them needed for a finding the solution to specific problem. **CO6:**Construct problem definitionst atements or real life applications and implement a database for the same. **CO7:**Write queries in SQL to retrieve any type of information from a database.
B.Sc.T.Y.	
T.Y. Sem. – V, Paper – XV ,**Software Engineering**	**Students will be able to:** **CO1:**Define various software application domain sand remember different process mode used in software development. **CO2:**Explain needs for software specifications also they can classify different types of software requirements and their gathering techniques. **CO3:**They can know principles related to software.

T.Y. Sem. – V, Paper – XVI ,**WebDesigning**	**Studentswillbeableto:** **CO1:**Implementin teractive webpage(s) using HTML, CSS and Java Script. **CO2**: Design are sponsive web site using HTML 5 and CSS3.
T.Y.Sem.–VI,Paper– XIX ,**Data Communication &Networking**	**Studentswillbeableto:** **CO1:**Describe the functions network, data transmission **CO2:**they canclassify network opologies. **CO3:**Explain the types of transmission media with realtime applications. **CO4:**Students will be able to know about Mobile Telephone System.
T.Y. Sem. – VI, Paper – XX ,**E-Commerce**	**Studentswillbeableto:** **CO1:** Define and different iate various types of Ecommerce. **CO2:** Explain payment systems for E - commerce. Describe the process of security technologies. **CO3:**DefineE-business and its Models business Strategies. **CO4:**They can apply the knowledge of E-Cash, Digital wallets, Digital Signatures, SSL.
T.Y.Sem. –V &VI, Paper–XV,XVI+ XIX,XX, **Practical (CaseStudy&Project)**	**Studentswill beableto:** **CO1:**Designa basic website using HTML5 and CSS3 to demonstrate responsive web design. **CO2:**Implement dynamic webpages with validation using Java Script objects by applying different event handling mechanism. **CO3:**Explain Case Study related to software. **CO4:**Discover potential researchareas in the field of IT. **CO5:**Demonstrate an ability to workin teams and manage the conduct of the research study. **CO6:**To report and present the findings of the study conducted in the preferred domain. **CO7:** Students also able to present seminar.
Department:-Botany	
ProgramSpecific Outcome	Knowledge and understanding of: PSO1: Ther ange of plant diversity interms of structure, function and environmental relationships. PSO2: Thee valuation of plant diversity. PSO3: Plant classification and the flor of Marathwada PSO4: The role of plantsin the functioning of the globaleco system PSO5: Statistics as applied to biological data.
SEMESTER– I	
IDiversityofCryptogams-	CO1: Understand various modifications and it spurposein plant parts
IIMorphologyofAngiosperms	CO1: The Students will under stand various Angios permplant habits. CO2:Learn about vegetative and reproductive Structural features of Angiosperms. CO3: Comprehend the concepts of plant taxonomy and classification of Angiosperms. CO4: Learn about various Angios perm families and Its economic value.
SEMESTER– II	

VDiversityofCryptogams-II	CO1: Understand various modifications and its Purpose inplant parts
VI Histology, Anatomy andEmbryology	CO1: The students will learn about the basic Conceptsin Histology, Anatomy and Embryology CO2: Understand the various components of stemand wood duringits secondary growth. CO3: been lightened about them echanism of Pollination and basic structure of the embryo
SEMESTER– III	
IXTaxonomyofAngiosperms	CO1:The Students will understand various Angiosperm planthabits. CO2: Learn about vegetative and reproductive Structural features of Angiosperms CO3: Understand various modifications and its Purpose in plant parts. CO4: Comprehend the concepts of plant taxonomy and classification of Angiosperms. CO5: Learn about various Angiosperm families and its economicvalue.
X PlantEcology	CO1: understand the importance of ecology and conservation
SEMESTER– IV	
XIII Gymnosperms andUtilizationofplants	CO1: The students will earn about the structure and reproduction of certain selected species of Gymnosperms. CO2 Learn few representatives off ossil forms. CO3the students will understand the relationship of complementary metabolic path ways such as photosyn thes is in energy acquisition
XIVPlantPhysiology	CO1: The Students will earn about absorption, translocation and utilization of water and other Minerals. CO 2 : Comprehend the changes during growth Process (germination to abscission). CO 3: Understand theenergy flow and various Metabolic cycles with their integration. CO 4: Getanoverall perception about various Physiological Processes occurringin plants.
SEMESTER– V	
XVI I **Cell Biology andMolecular Biology**	CO1: The students will be able to learn about the basics of cell and its inclusions
XVIII(A) **DiversityofAngiosperms-II**	CO1: The students are able to understand about Plant tax on omy and their systematic classification systems CO2: Are able to understand about modern Approaches intax on omic studies. CO3: Enlight ened about ther ole of tax on my incon servation of Biodiversity
SEMESTER–VI	

XXI**Genetics and biotechnology**	CO1: Understand the basic concepts of mendel iangenetics, its variations and applications CO2: The students will understand the basic concepts of molecular biology, genetic engineering and plant is sueculture and its Applications.
XXII(A) **Diversity of Angiosperms-II**	CO1: The students are able to understand about Plant tax on my and their system atic classification systems CO2: are able to understand about modern Approaches intax on omicstudies. CO3: Enlightened about the role of tax on my inconservation of biodiversity
Department:-Zoology	
Programme Specific Outcome	**PSO1:**U.G. Students of Zoology understand thenature and basic concepts of cell biology, genetics, physiology, ecology, fishery **PSO2:**:Students gain knowledge and skill in the fundamentals of animal sciences **PSO3:** understands the complex interactions among various living organisms. **PSO4:**Apply the knowledge of internal structureits functions **PSO5:**Understands the complex evolution ary processes **PSO6:** Perform procedures as per laboratory standard sintheareas of Physiology, Ecology, Cell biology, Genetics,techniques of Zoology, Toxicology, Entomology, ematology, Fishbiology. **PSO7:**Develops empathy and lovetowards theanimals.
Course Outcomes	
Course	**Outcomes**
B.Sc. F.Y. ZoologySem. – I, Paper – I ,**Protozoato Annelida**	**CO1:** Students understood the history of phylum. **CO2:**Students able to describe the externalas well as internal characters of in vertebrates from different phyla. **CO3**:The students acquire knowledge of different parasites, their life cycle, pathogen city,treatment and control.
B.Sc. F.Y. ZoologySem.– I,Paper–II,**Cell Biology**	**CO1:**The students understood structure of cell, cellorganelles, types and their functions **CO2:**The students acquire knowledge of light, phase contrast, and electronic roscopea structure of DNA,and RNA **CO3:** Understand the concept lstaining
B.Sc.F.Y. Zoology	CO1: Students able to describe general characters and morphology of theanimal.
Sem.– II,Paper–IV, **Arthropod to Echinodermata And Protochordata**	CO1: Understand the various internal systems like Digestive system, nervous system, reproductive system.
B.Sc. F.Y. ZoologySem.– II,Paper–V, Genetics- I	CO1: Compre hens iveand detailed unders tanding of thegenes, geneinter action, inheritance and mutation Sex determinations. CO2: Acquire knowledge of blood groups, Rh factor

B.Sc.F.Y.Zoology Practical Sem. – I & II,Paper–III+VI,	CO1: Students able to identify, classify and describes inverte brates fromdifferent phyla Understand the process of Mounting. CO2: Study of variouscell organelles by using their microphotographs. CO3: Understand the various systems of Leech, Prawn Cockroach Pila Seastar by Dissecting CO4: Students identifies own blood groups and Rh factor and Commonmutants.
B.Sc.S.Y.ZoologySem. –III,Paper– VII,**Vertebrate Zoology**	CO1: Imparts conceptual knowledge of vertebrates, from Protochordates to Mammalia CO2: Understanding of evolutionary significance of internal fertilization, neoteny and paedo genesis CO3: Students be able to describe general characters of each class of Verte brates.
B.Sc.S.Y.ZoologySem.– III, Paper– VIII, **Genetics-II**	CO1: Students acquire knowledge of genes and genetic engineering. Students identifiestwins, geneticdis orders and sex linked inheritance
B.Sc.S.Y.ZoologyPracticalSe m.–III,Paper–IX,**Vertebrate**	CO1: Students able to identify and classify different vertebrates from different class through museum study CO2: Students acquire micro preparation technique and mounting Acquires kill of dissecting the animals and study of different systems of Scoliodon, Labeo, Rat, Frog CO3: Students got interests to observe and collect local animals and To tell their general characters and classification
B.Sc.S.Y.ZoologyPracticalSe m.–III,Paper–X**Genetics-II**	CO1: Students able to prepare DNA models and normal karyotypes.Students understood gene frequency and mutants of manalsoableto detect bar body. CO2: Studentssolveproblemson sex linkedinheritance.
B.Sc.S.Y.ZoologySem. –IV,Paper– XI,**AnimalPhysiology**	CO1: Students are able to describe the role and functions of different ystemsand able to describe mammalian physiological process liked igestion exertion respiration CO2: Students correlate esthe physiological processes of animals and Relationship of organ systems
B.Sc.S.Y.ZoologySem.– IV,Paper–XII, **Biochemistry Endocrinology**	CO1: Understand the concept Enzymes and also Vitamins and minerals. CO2: Understand the structure and properties of the enzymes as wellAsits activity.
B.Sc.S.Y.ZoologyPracticalSe m. – IV, Paper – XIII**AnimalPhysiology**	CO1: Students observe and madeinferences of different qualitat ivetest fornitro genous waste products CO2: Understand the techniques of preparation of Hemincrystals. CO3: Students able to estimate Hemoglobin percentage, RBC and WBC counting from blood sample.
B.Sc.S.Y.ZoologyPracticalSe m. –IV, Paper – XIV**Biochemistryand Endocrinology**	CO1: Students able to handle and know the working principle of the different analytical instruments. CO2: Students able to prepare solutions of given percentage, Normality and molarity.

B.Sc.T.Y.ZoologySem.–V,Paper–XV**Ecology**	CO1: Students are able to describe there lation between abiotic and biotic factors various biological interactions. CO2: Students are able to understand how change inpopulation affectstheecosystemandcommunity
B.Sc.T.Y.ZoologySem.–V,Paper–XVI **FisheryScience -I**	CO1: Students understand history concept and importance offishes. CO2: Students understood different fisheries and its importance.
B.Sc.T.Y.ZoologyPractical Sem. –V, Paper –XVIIEcology	CO1: Students able to analyze different parameters of water and soilsamples. CO2: Students understood technique of preparation permanents lides of phy to plankton and zoo planktons CO3: Students estimatepond productivity and population density.
B.Sc.T.Y.ZoologyPractical Sem.–V,Paper–XVIIIFisheryScience-I	CO1: Students able to identify different fresh, marine and brackish water fishes and theire conomicimportance CO2: Students are able to analyze water samples.
B.Sc.T.Y.ZoologySem. –VI, Paper – XIXEvolution	CO1: Students understood process of evolution and origin of specieson the earth through different theories and comparative studyofevidences and fossils CO2: Ableto describe evolutionaryhistoryof man. CO3: Understand the Lamarckism, Neo-Lamarckism and Darwinism
B.Sc.T.Y.ZoologySem.–VI,Paper–XX FisheryScience -II	CO1: Students will learn about the role of the Fisheries Management Authority. CO2: Students learn about fresh water orsalt water fishs pecies.
B.Sc. T.Y. Zoology Practical Sem. –VI, Paper – XXIIFisheryScience-II	CO1: Students able to identify and classify different cultural fishes Students able to identifycrafts and gears CO2: Students acquire techniques of collection and identification of Fishparasites, worms.
Microbiology	
Programme Specific Outcome	After studying microbiology the students will be able to: PCO1:Understand the contributions of various scientist in microbiology and scope of various branches PCO2:Understand various kinds of prokaryotic & eukaryotic microbes and their interactions PCO3:Explain and describe importance of organic compounds and its chemistry found in living cells PCO 4:Understand and explain various processes of metabolism of carbohydrates amino acids and vitamins PCO5:.Explain DNA, RNA and protein structure and their synthesis PCO6:Understand the concept of disease development, spread, control and eradication from society PCO7:Understand the basic concepts of gene and their regulation of action PCO8: Explain and write various industrial fermentations and bioinstrumentation
Sem I Paper 1: Fundamentals of Microbiology	CO1:Understand the contributions of eminent scientists in the development of microbiology CO2:Understand the ultra-structure of bacterial cell CO3:Compare the differences in bacterial cell with plant cell and animal cell

	CO4: Classify the bacteria on the basis of various parameters.
Sem I Paper 2: Microbial Techniques	the students will be able to: CO1:Understand and explain basic principles and different kinds of microscope CO2:Explain the process of different staining techniques CO3:Understand and compare various types of stains and dyes CO4:Analyze the determination of specific nutrients by bacteria
Sem I LAB Practical	the students will be able to: CO1:Understand working and mechanism of different equipments and tools used in microbiology CO2:Prepare various nutrients media for cultivating microbes in laboratory CO3:Perform the staining technique of various bacteria CO4:Design an experiment to isolate specific bacteria in pure form from sample CO5.Determine the sensitivity of specific bacteria to given antibiotic
sem I Paper 3: Cytology and Basic Microbiology	By the end of this course, the students will be able to: CO1:Compare prokaryotic organism with eukaryotic organism CO2:Understand the importance of cell organelles bacteria CO3:Write the method of reproduction in algae fungi and protozoa CO4:Understand and compare the characteristics properties of virus with other microbes CO5:Understand various kinds of positive & negative interactions of different microbes
Sem II Paper 1 : Microbial physiology	By the end of this course, the students will be able to: CO1:Understand the basic nutritional requirements of bacteria CO2:Describe various types of nutrient media for cultivation and isolation of bacteria CO3:Explain typical growth curve of bacteria CO4.Understand the factors that responsible for bacterial growth CO5:Explain mechanism of bacterial cell injury by an anti-microbial agent like anti-biotic.
Sem II Basic Biochemistry	By the end of this course, the students will be able to: CO1:Understand the classification of organic compounds like carbohydrates CO2:Understand the chemistry of different kinds of carbohydrates CO3:Describe importance of vitamins to human body and their deficiency syndrome CO4:Compare DNA and RNA
LAB Practical Sem 2	the end of this course, the students will be able to: CO1:Enumerate bacterial load in the food sample in quality unit CO2:Cultivate bacteria in the lab by using aerobic & anaerobic techniques CO3:Demonstrate antimicrobial power of heavy metal ion against any bacteria CO4:Demonstrate effect VV radiations of bacterial growth.
Sem III Paper 6 Immunology	By the end of this course, the students will be able to: CO1:Understand and describe human body's resistance mechanism against disease

	CO2:Understand and write the role of human body's various organs in natural resistance. CO3:Understand the properties, structure and importance of antibiotics in immunity CO4:Understand various mechanism by which antibiotic destroys antigens CO5:Describe and explain the reasons, classes and development of allergy in humans
LAB Practical Sem III	the end of this course, the students will be able to: CO1:Design practical experiments to identify carbohydrates from given sample CO2VDemonstrate enzyme activity by bacteria CO3:Understand the techniques to estimate proteins, RNA, DNA from given sample CO4:Design an experiment to produce ethanol by fermentation technique CO5:Demonstrate application of feast in baking industry
Sem IV Paper VII Applied Microbiology	By the end of this course, the students will be able to: CO1:Understand and explain the significance of bacteriological analysis of drinking water CO2:Understand and describe various methods applied for treatment of water and waste water CO3:Explain the methods for disposal of industrial wastes CO4.Understand the role of microbes of soil in various important processes CO5:Describe and explain the applications of bacteria and fungi in bio fertilizers
em IVPaper VII Clinical Microbiology	By the end of this course, the students will be able to: CO1:Understand and explain the stages of infectious diseases CO2:Describe various modes by which infectionsspread in community CO3:Describe various methods that can be adopted to control spread of infection in community CO4:Understand and explain various hospital borne, air borne and water-borne diseases CO5:Understand how to educate the people about taking care of health CO6:Understand the role of drugs in disease control.
LAB Practical Sem IV	By the end of this course, the students will be able to: CO1:Understand the techniques to isolate microbes from water and waste water(sewage) CO2:Understand and demonstrate chlorination of water CO3:Demonstrate the technique to find out the alkalinity of water sample CO4:Design the experiment to find out quality of raw material5.Find out microbial load in given drinking water sample
Sem V Paper IX Microbial Genetics	By the end of this course, the students will be able to: CO1:Understand and describe various concepts –related with genre and its regulation CO2:Understand and explain various processes by which gene transfer occurs amongst microbes CO3:Explain the causes of gene mutation and their effect on cell

	CO4:Understand and explain the principles, methodology and application of various bio instruments like spectrophotometer, electrophoresis, chromatography, centrifuge etc
SemV Paper X Microbial Metabolism	By the end of this course, the students will be able to: CO1:Understand the general strategy of metabolism CO2:Understand and explain various metabolic processes operating in living cell CO3:Understand the mechanism by which energy is generated in human body CO4:Explain and describe the process of protein formation in living cell CO5:Explain and describe the process of replication of DNA
LAB Practical Sem V	By the end of this course, the students will be able to: CO1:Understand the techniques for isolation of DNA and RNA from living cell CO2:Understand and describe liver function test by estimating creatinine from patient's seru CO3:Analyze proper chromatography technique to find out unknown organic compounds from sample CO4:Understand and design the experiment to diagnose pathogenic organism from patient
Sem VI Paper XI Recombinant DNA Technology	By the end of this course, the students will be able to: CO1:Understand the tools and techniques of genetic engineering CO2:Understand and describe DNA, fingerprinting and its application in forensic science CO3:Understand the methods of production of health related compounds by biotechnology CO4:Understand and write application of biotechnology in agriculture CO5:Explain and describe the advantages /disadvantages of genetic engineering for humans CO6:Understand the production and importance of genetically modified food
Sem VI Paper XII Industrial Microbiology	By the end of this course, the students will be able to: CO1:Understand and describe scope of industrialmicrobiology CO2:Understand and operate fomenters in various industries CO3:Explain the process of production and ethanol Vitamin B2 Beer, Wine Penicillin etc. CO4:Perform the methods and harvesting and product recovery in industrial fermentations CO5:Work out the maintenance of ferment or plant.
LAB Practical Sem VI	By the end of this course, the students will be able to: CO1:Understand and analyze the experiment to diagnose disease CO2:Understand and describe the detection of typhoid CO3:Analyze the production of bio-fertilizer CO4:Analyze the production of enzymes CO5:Understand and explain various experiments to diagnose diseases.

Department:-Mathematics

Programme Specific Outcome	PSO1:Mathematics has numerous applications in ones daily life; maybe during shopping, planning different activities requiring timecalculations etc. Thus an individual utilize the various conceptsofmathematic inmultiple situations toaccomplish tasks. PSO2:Mathematics and society are closely related. Mathematicsisbeingextensivelyemployedinplanningdevelopmentalprogrammers of society. For example, while constructing roadsand bridges, its concepts like, "measurements, time" etc areused. PSO3:Mathematics education helps individuals emerge as skilledpersons and to grow independent to earn their livelihood. Thus the vocational aimofma the matics pertains to develop in dividuals to takeup specialized vocations having application Of mathematics i.e.Engineering, accounting, banking etc.
CourseOutcomes	
Course	Outcomes
F.Y. Sem. – I, Paper – I Differential Calculus	CO1: In mathematics, differential calculusis a sub field of calculus-concerned with the study of the ratesat which quantities changes. CO2: Study in differential calculusis the derivative of function, related notion such as the differential and their applications. CO3: The derivative of a function at a chosen input value describes the rate of change of the function near that input value. The process offinding aderivative is called differentiations.
F.Y. Sem. – I, Paper II Differential Equations	This course will enable the students to : 1) Apply arrange to techniques to solve first and second order Partial differential equations. 2) Model physical phenomena using partial differentiale quation such asthe heat and wavee quations. 3) Understand problems, methods and techniques of calculus of variations.
F.Y. Sem. – II, Paper – IX(MAT-201) : IntegralCalculus	Integral calculus concerned the study of the are abeneatha curve. This course will enable the student to : 1) Calculate the limit and examine the continuity of a function at a point. 2) Understand the consequences of various mean value the orems for differenti able functions. 3) Sketch curvesin Cartesian and polar coordinate systems.
F.Y.Sem.–II,Paper–X (MAT-202): Geometry	Geometryis concerned with the various aspects of size, shape andspace . In this course we explore the concepts of angels,
	shapes, symmetry, are and volume through interactive activities. After studying this course, student should beable to: 1) Understand Geometrical terminology for angles,triangles,quadrilaterals and circles. 2) Measureanglesusingaprotractor. 3) Use Geometrical results to determine unknowangles. 4) Findtheareasoftriangles,quadrilateralsandcirclesandshapesbased on these.

S.Y. Sem. – III, Paper – III(MAT-301) : NumberTheory	Having successfully completed, this course student should beableto: 1) Analyze hypotheses and conclusions of mathematicalstatements. 2) Apply different methods of proof to verify mathematical as sertions, including proof by induction, by contra positive and by contradiction. 3) Solve systems of Diophantinee quations using the Chinese Remainder The oremand the Euclidean Algorithm. 4) Understand the basics of modulararithmetic. 5) Stateand prove Fermat' slittletheoremandit' sgeneralization using Euler's function and use them toimplement the RSA cipher and encrypt and decrypt logcipher.
S.Y. Sem. – III, Paper – IV(MAT-302) : IntegralTransforms	On completion of this course,the students will be able to: 1) Calculate the Laplace transform of standard functionsboth from thedefinition and byusingtables. 2) Select and use the appropriate shift theorems in finding Laplace and Inverse Lap lacetrans forms. 3) Selectand combine the necessary Laplace transform techniques to solve second-order ordinary differential equation sinvolving the Diracdelta. 4) Calculate the Fourier transform of elementary functions from the definition. 5) Solve ordinary different ialequations using Laplace transforms. 6) Learn Fourier series, Bessel's inequality term by term differentiation and integration of Fourier series. 7) Apply the concepts of the coursein real life problems.
S.Y. Sem. – III, Paper – V(MAT-303):Mechanics-I	This course will enable the students to : 1) Understand the reduction off orcesys temin three dimensions to a result antforce acting atabase point anda resultant couple, which is independent of the choice ofbaseof reduction.

	2) Learn about an ullpoint, anullline and anull plane withrespect to a system of forces acting on a rigid bodytogetherwith the ideal of central axis. 3) Study the kinematics and Kinetics of fluid motions to understand the equation of continuity in Cartesian, cylindrical polar and spherical polar coordinates which are use to derive Euler' sequations and Bernoulli' sequations.
S.Y. Sem. – IV, Paper – XI(MAT-401): NumericalMethods.	This course will enable the students to: 1) Obtain numerical solutions of algebraic and transcend entalequations. 2) Find numerical solutions of system of linear equationsand to thecheck the accuracyofthesolutions. 3) Learn about various inter polation and extra polation methods to find numerical solution (intermediate solution). 4) Solve initial and boundary value problems in differentiale quations using numerical methods. 5) Applyvarious numericalmethods inreal lifeproblems.
S.Y. Sem. – IV, Paper – XII(MAT-402) : PartialDifferentialEquations	After the completion of the course, student will be able to: 1) Classify partial differentiale quations and transformin to canonical form. 2) Solve linear partial differentiale quations of both first and second order. 3) Apply partial derivative equation techniques to predict the behavior ofcertain phenomena. 4) Apply specific methodologies, techniques and resources to conduct research and produce innovative result in the area of specialization. 5) Extract information form partial derivative models inorderto interpret reality. 6) Identify real phenomena as models of partial derivativeequations.
S.Y. Sem. – IV, Paper – XIII(MAT-403):Mechanics-II	This course will enable the student to : 1) Familiarize with subject matter, which has been the single center to which were drawn mathematicians, physicists, astronomers and engineers together. 2) Understand necessary conditions for the equilibrium of particl eacted upon by various forces and learnthe principle of virtual work for a system of coplanar forces acting on aparticle. 3) Determine the centre of gravity of materialistic systemsand discuss the equilibrium of a uniform cable hanging freely under its own weight.

	4) Deal with the kinematics and kinetics of the rectilinear And plan armotions of aparticle including the constrained oscillatory motions of particles.
T.Y. Sem. – V, Paper – VI(MAT-501) : Real Analysis-I	This course will enable the students to : 1) Understand basic properties of real number system suchasleast upper bound propertyand order property. 2) Realize importance of bounded, convergent, Cauchy and monotonic sequences of real numbers, find their limits uperior and limit inferior. 3) Apply various tests to determine convergence and abso lute convergence of aseries of real numbers. 4) Learn about Riemann inerrability of bounded functions and algebra of R-integral functions. 5) Determine various applications of fundamental the oremofintegral calculus. 6) Relate concepts of uniform continuity, differentiation, integration anduni form convergence.
T.Y. Sem. – V, Paper – VII(MAT-502) : AbstractAlgebra-I	This course will enable the students to : 1) Employ De-Moiver's the oremina number of applications to solve numerical problems. 2) Learn about the fundamental concepts of groups, subgroups, normal subgroups, isomorphism, cyclic and permutation groups. 3) Recognize consistent and inconsistent systems of linearequations by the row echelon form of the augmented matrix, using rank. 4) Find Eigen values and corresponding eigenvectors for asquarematrix. 5) Understand subspaces, basis, dimension and their properties.
T.Y.Sem.–V,Paper– VIII(MAT-504) : OrdinaryDifferentialEquations-I	This course will enable the students to : 1) Understand the genesis of ordinary differential equations. 2) Learn various techniques of getting exact solutions and solvable first order differential equations and linear differential equations and highly order. 3) Know Piscard's method of obtaining successive approximations of solutions of first order differential equations, Passing through a given point in the plane and power series method for highly order linear equations, especially in case when there is no method available tosolvesuch equations. 4) Grasp the concept of a general solution of linear differential equation of an arbitrary order and also learna few methods to obtain the general solution of such equations.

	5)Formulate mathematical models in the form of ordinary differential equations to suggest possible solutions of the Day to day problems arising in physical chemical and biological disciplines.
T.Y. Sem. – VI, Paper – XIV(MAT-601) : Real Analysis-II	This course will enable the students to: 1) Understand many properties of the realline R and learns to define sequence in terms of functions from R to asubset of R. 2) Recognize bounded, convergent, divergent, Cauchy and monotonic sequences and to calculate their limit superior, limit inferior and the limit of abounded sequence. 3) Apply the ratio, root, and alternating series and limit comparison tests for convergence and absolute convergence of an infinite series of real numbers. 4) Learn some of the properties of Riemann integrable functions and the applications of the fundamental theorems of integration.
T.Y. Sem. – VI, Paper – XV(MAT-602) : AbstractAlgebra-II	This course will enable the students to : 1)Understand the concepts of vector spaces, subspaces, bases, dimensions and their properties. 2) Relate matrices and linear transformations; compute Eigen values and Eigen vectors of linear transformations. 3) Linearpropertiesofinnerproductspacesanddetermineorthogonalityin inner product spaces. 4) Realizeimportanceofadjointofalineartransformationandits canonical form.
T.Y.Sem.–VI,Paper– XIV(MAT-604) : OrdinaryDifferentialEquations-II	This course will enable the students to : 1) To explain the concept of differential equations. 2) Classifies the differential equations with respects to their order and linearity. 3) Explains the meaning of solution of a differential equation. 4) Expresses the existence-uniqueness theorem of differential equations. 5) To solve first order ordinary differential equations. 6) Solves the homogeneous linear differential equations with constant coefficients.

Program Outcomes, Programme Specific Outcomes and Course Outcomes

Faculty:-Arts	
Programme Outcome	PO1: To give a detailed knowledge and understanding of selected fields of study in humanities, social sciencesandlanguages. PO2: Students will become active readers to appreciate correct meaning and who can articulate their own interpretations. PO3: Students will be able to write effectively for a variety of professional and social setting. PO4: They will develop an awareness and confidence in their own thought as a writer and analyse complex social and natural problems. PO5: Students will be able to criticize any social, economical, political problem by their own ideas.
Department:-English	
Programme Specific Outcome	PSO1: Teaching of the basic concepts of English language and literature. PSO2: To develop writing, reading, communicative skill among the students. PSO3: To know the Characteristics of literature in English, various periods in literature. PSO4: Promotion of cultural values through English language.

Course Outcomes

Course	Outcomes
Comp English(B.A/B.Sc.F.Y.) Language through contest I & II Semester	CO1:To strengthe students' ability in listening, speaking, reading and writing both at practical and theoretical level. CO2:To introduce students to the grammatical properties in order to enable them to write and speak English consciously. CO3:To train them both in precision and in appropriate use of language through prose reading. CO4:To acquaint students with the keen and subtle way in which the English language is used
CompEnglish(B.Com.F.Y.) **Written and Spoken Communication in English** I & II Semester	CO1: To help students achieve excellence business communication skills for the better employment. CO2: To introduces tudents tomulti business communication skills. CO3:To strengthe students writing skills through grammar
F.Y.Sem.–I&IIPaper–I&III **The Structure of English**	CO1: The course aims at giving students advanced knowledge of English in matter of speaking and writing. CO2: To help students towards better pronunciation. CO3: To enable students to acquire the structure of English language
F.Y.Sem. –I&IIPaper–II&IV **Reading Literature**	CO1: To enable students to read and appreciate various forms of literature and critically interact with them from different perspectives. CO2: To introduce students to appropriate literary strategies toreadliterature.

	CO3: To pinpoint howfar literary language deviates from ordinary language. CO4: To unravel many meaningsina literarytext
Comp English (B.A/B.Sc.S.Y)Language through WritingsIII&IVSemester	CO1: To strengthe students' ability in listening, speaking, reading and writing both at practical and theoretical level. CO2:To introduce students to the grammatical properties in order to enable them to write and speak English consciously. CO3:To train them both inprecision and in appropriate use of language through prose reading. CO4:To acquaint students with the keen and subtle way in which the English language is used
Comp English (B.Com.S.Y.)**English For Entrepreneurs** Semester III & IV	CO1: To help students achieve excellence business communications kills for the better employment. CO2: To introduce students to multi business communication skills. CO3: To inspire students for enterprise through hprose reading. CO4: To strenghthen students writing skills through grammar
S.Y. Sem. – III & IV, Paper –V & VII, **Literature in English**	CO1: To enable students to read and appropriate various forms of the Literature and critically interact with them from different perspectives. CO2: To introduce students to appropriate a literary strategies to read the literature. CO3:To pinpoint how farliterary language divides from ordinary language. CO4:To unravel many meanings of literary text.
S.Y. Sem. – III & IV, Paper – VI & VII, **Literature in English**	CO1:To enable students to read and appropriate various forms of the Literature an dcritically interact with them from different perspectives. CO2:To introduce students to appropriate literary strategy to read the literature. CO3:Top in point how farliterary language divides from ordinary language. CO4:To unravel many meanings of literary text
T.Y.Sem. –V, Paper–IX&**XII Twentieth Century English Literature**	CO1:To introduce the student to modern English literature as a production oftheage. CO2:To familiarize the students with the literary terms and introduced to them the various streams in literary criticism and develop in them skill for the literary evaluation CO3:To help the students to approach and appreciate Indian literature in English and make them to see its place among the world literature in the English. CO4:To introduce the student to American literature and its diverse cultures reflected in its writing
T.Y.Sem.–V,Paper–X&XIV, **Introduction to literary Criticism and Terms**	
T.Y.Sem. –V, Paper–XI& XV, **Indian English Literature**	

	CO5:To make the students able to understand and background of English literature and help them to write on its development. CO6:To make the students understand how the literature of modern period relate to the important trends of the period. CO7:To make the student aware of the fact that all reader arecritics and introduce them to basic text in criticism while developing critical thinkingin them. CO8:To introduce the student to the thematic concern, genres and trends of both Indian writing in English and American literature. CO9:To lead the students to see how texts are affected by the context.
T.Y.Sem.–VI,Paper– XII, **Project Work**	The project work The project work is to be done by the student them selves seeking guidance from the head or, the concerned teacherto complete it. It shall be written by the students on the papers provided by the University/College or recommended by the teacher.The complete project shall be submitted by the to the concerned Department during the period of sixth semester. it carries hundred marks whichwill be given after the evaluation of it. The length of theproject shall be moderate or, matching to its topic. The students have to do the certaint ask during the fifth semesteras mentioned below TaskI:To know about theproject. Task II :To select the topic for the project TaskIII:To register the topic.

Department:-Marathi

Programme Specific Outcome	मराठी भाषा व संस्कृती, मराठी साहित्य या संबंधी विद्यार्थ्यांना सखोल ज्ञान प्राप्त् झाले. विद्यार्थ्यांमध्ये सर्जनशिलता वाढीस लागुन लेखक, कवि, या संबंधीचे भान आले. साहित्याचे प्रवाह, साहित्याचे प्रकार, भाषा या संबंधीचे आकलन विद्यार्थ्यांना झाले.

Course Outcomes

Course	Outcomes
B.A./B.Sc/B.Com.F.Y.{S.L.} Sem.–I,Paper–I	मराठी गद्य पद्याचा स्थुल परिचय विद्यार्थ्यांना झाला. मराठी साहित्य संबंधी रुची अभिरुचीच्या विकास करुन आस्वाद द्ष्टी विकसित झाली. कार्यालयीन, व्वसायीक वृत्त्पत्र्ीय कामकाजात मराठीचा वापर व गरज त्याचे स्वरुप त्य सबंधीचे ज्ञान प्राप्त झाले. सामाजिक मुल्याचे आकलन, लेखन, वाचन, उच्चावरण इत्यादी विषयी माहिती मिळावी.

B.A. F.Y. {Opt.}Sem.– I,Paper–I	विद्यार्थ्यांना कवितेचे विविध प्रवाह, प्रकार, लक्षात आणुन दिले. वेगवेगळ्या व्यक्तिमत्व व त्यांच्या कवितेतील आशय अभिव्यक्तीचा परिचय झाला. विद्यार्थ्यांमध्ये काव्या विषयक जाणीव निर्माण झाली.
B.A. F.Y. {Opt.}Sem.– I,Paper–II	विद्यार्थ्यांना नाटकाचे विविध प्रवाह व प्रकार या विषयाचे ज्ञान प्राप्त झाले. व नाट्यात्मक गुणांविषयी रुची निर्माण झाली.
B.A./B.Sc.S.Y. {S.L.} Sem.– III,Paper–III	मराठी गद्य पद्याचा स्थुल परिचय विद्यार्थ्यांना झाला. मराठी साहित्य संबंधी रुची अभिरुचीच्या विकास करुन आस्वाद दृष्टी विकसीत झाली. कार्यालयीन, व्यवसायीक, वृत्तपत्रीय कामकाजात मराठीचा वापर व गरज त्यचे स्वरुप त्या संबंधीचे ज्ञान प्राप्त झाले. सामाजिक मुल्याचे आकलन, लेखन, वाचन, उच्चावरण, इत्यादी विषयी माहिती मिळावी.
B.ComS.Y.{S.L.} Sem.– III,Paper–III	मराठी भाषा आणि वाणिज्य् व्यवहार वाणिज्य् व्यवसायात मराठी भाषेचे महत्व् व आकलन विद्यार्थ्यांना झाले. मराठी भाषेचा कार्यालयीन व्यवसायीक कामकाजात होणारा वापर, गरज व स्वरुप इत्यादी विशेषाची माहिती झाली. कार्यालयीन व्यवसायीक भाषा व्यवहारासाठी आवश्यक लेखन कौशल्याचे उपयोजन विद्यार्थ्यांमध्ये निर्माण झाले.
B.A. S.Y. {Opt}Sem.– III,Paper–V	आधुनिक मराठी वाडमयाचा इतिहास (1800 ते 1920) इ.स.1800 नंतरच्या वाडमयीन इतिहासाचा विद्यार्थ्यांना परिचय झाला. या खानदाराची सामाजिक व सांस्कृतीक पार्श्वभुमि, विचार प्रणाली सामाजिक चळवळी याचा वाडमयावरील प्रभावाचा अभ्यास झाला. 1800 ते 1920 या काळातील वाडमय निर्मितीची पार्श्वभूमी, प्रेरणा महत्वाचे ग्रंथकार त्यांच्या साहित्य कृती या बाबतचे ज्ञान विद्यार्थ्यांना प्राप्त झाले.
B.A.S.Y.{Opt} Sem.–III, Paper – VI	दृकश्राव्य् माध्यमासाठी लेजनकौशल्य् दृकश्राव्य् माध्यमाच्या स्वुरुपाची ओळख विद्यार्थ्यांना झाली. दुरदर्शन ते विविध घटक, कार्यक्रम त्या संबंधीचे सखोल ज्ञान प्राप्त् झाले. या माध्यमासाठी लेखन कौशल्य तसेच आकाशवाणीचे विविध कार्यक्रम याची माहिती मिळाली. या माध्यमासाठी लेखन संहिता जशी तयार करायची याचेही ज्ञान विद्यार्थ्यांना झाले.
B.A.T.Y.{Opt} Sem.–V,Paper –IX	भारतीय साहित्य् विचार भारतीय साहित्य् विचार साहित्य् या संकल्पेचा मुलभूत विचार, साहित्याची निर्मिती प्रक्रिया, आस्वाद प्रक्रिया, साहित्याचे प्रकार, सामाजिकता, सामाजिकता साहित्याची भाषा व शैली या संबंधीचे सखोल ज्ञान विद्यार्थ्यांना झाले.
B.A.T.Y.{Opt} Sem. – V, Paper–X	भाषा विज्ञान भाषा निमिर्ती, स्व्न स्व्नीम, स्व्नांतरयातुन ध्वनी विज्ञानाची सखोल माहिती विद्यार्थ्यांना झाली. रुपिम विचारातून शब्दरचना समजुन घेवुन भाषा शस्त्रीय दृष्टीने अभ्यास झाला. बोली भाषा व प्रमाण भाषा या संबंधीचे ज्ञान विद्यार्थ्यांना मिळाले.
B.A.T.Y.{Main} Sem. – V,Paper–XI	मध्ययुगीन मराठी वाडमयाचा इतिहास (प्रारंभ ते 1680) मध्ययुगीन मराठी वाडमयाचे प्रेरणा, स्वरुप आणि प्रवृत्ती तसेच त्यांच्या वाडमय निर्मितीत कालक्रमानुसार होत गेलेले बदल आणि त्यांची कारणे, वाडमय निमिर्तीवर झालेले परिणाम इत्यादी बाबीचे विद्यार्थ्यांना आकलन झाले.

B.A.T.Y.{Main} Sem. – V, Paper –XII	प्रकल्प कार्य प्रकल्प कार्यातुन एखाद्या विष्याच्या मुळापर्यंत जावुन सत्य शोधता येते. त्याची जाणीव विद्यार्थ्यांनामध्ये निर्माण झाली. सर्जनशिलता व संशोधनाची दृष्टी विद्यार्थ्यांनामध्ये निर्माण झाली.
B.A./B.Sc/B.Com.F.Y.{S.L.} Sem.–II,Paper –II	मराठी गद्य पद्याचा स्थूल परिचय विद्यार्थ्यांना झाला. मराठी साहित्य संबंधी रुची अभिरुचीच्या विकास करुन आस्वाद दृष्टी विकसित झाली. कार्यालयीन व्यवसायीक वृत्त्पत्रीय कामाकाजात मराठीचा वापर व गरज त्याचे स्वरुप त्या संबंधीचे ज्ञान प्राप्त झाले. सामाजिक मुल्याचे आकलन, लेख्न, वाचन, उच्चारण इत्यादी विषयी माहिती मिळाली.
B.A. F.Y. {Opt.}Sem.– II,Paper–III	विद्यार्थ्यांना भारतीय कथा परंपरेचे माहिती झाली. कथेचे प्रकार प्रवाह यां संबंधित ज्ञान प्राप्त झाले. कथाकाराचे व्यक्तिमत्व व त्यांच्या कथेतील आशय अभिव्यक्ती परिचय झाला. कथा लेख्नाविषयी आवड निर्माण झाली.
B.A. F.Y. {Opt.}Sem.– I,Paper–IV	विद्यार्थ्यांना मुद्रित माध्यमांचा परिचय झाला. या माध्यमांसाठीच्या विविध लेखन प्रकाराची माहिती मिळाली. माध्य्म लेखनात साहित्याचे आसणारे महत्व या संदर्भात ज्ञान प्राप्त झाले.
B.A./B.Sc.S.Y. {S.L.} Sem.–IV,Paper – IV	मराठी गद्य पद्याचा स्थुल परिचय विद्यार्थ्यांना झाला. मराठी साहित्य संबंधी रुची अभिरुचीच्या विकास करुन आस्वाद दृष्टी विकसित झाली. कार्यालयीन व्यव्सायीक वृत्तपत्रीय कामाकाजात मराठीचा वापर व गरज त्याचे स्वरुप त्या संबंधीचे ज्ञान प्राप्त झाले. सामाजिक मुल्याचे आकलन, लेखन, वाचन, उच्चारण इत्यादी विषयी माहिती मिळाली.
B.ComS.Y.{S.L.} Sem.–IV,Paper –IV	मराठी भाषा वाणिज्य् व्यवहार वाणिज्य् व्यवसायात मराठी भाषेचे महत्व् व आकलन विद्यार्थ्यांना झाले. मराठी भाषेचा कार्यालयीन व्यवसायीक कामकाजात होणारा वापर, गरज व स्वरुप इत्यादी विशेषाची माहिती झाली. कार्यालयीन व्यवसायीक भाषा व्यवहारासाठी आवश्य्क लेख्न कौशल्याचे उपयोजन विद्यार्थ्यांमध्ये निर्माण झाले.
B.A.S.Y.{Opt} Sem.–IV, Paper –VII	आधुनिक मराठी वाडमयाचा इतिहास (1800 ते 1920) या कालखंडातील नाट्य, काव्य्, चरित्र् यासंबंधीचे ज्ञान विद्यार्थ्यांना झाले.
B.A.S.Y.{Opt} Sem.–IV,Paper–VIII	साहित्य प्रकरांतर आणि साहित्यांचे माध्य्मांतर साहित्य प्रकरांतराची व माध्यमाची संकल्पना व त्याचे मत व त्या संबंधीचे ज्ञान विद्यार्थ्यांना झाले. माध्यमासाठीच्या विविध लेखन प्रकाराचा परिचय झाला. माध्यमांसाठी लेखन प्रकाराचे महत्व व आवश्यकता या विषयी माहिती विद्यार्थ्यांना मिळाली. माध्यम लेखनात असणारे साहित्याचे महत्व्य बाबीचे ज्ञान विद्यार्थ्यांना झाले.
B.A.T.Y.{Opt} Sem.–VI, Paper – XIII	प्राश्चात्य् साहित्य् विचार विद्यार्थ्यांना पाश्चात्य साहित्य शास्त्ज्ञ त्यांचे व ग्रंथ त्या संबंधी माहिती मिळाली. साहित्याची निमीर्ती प्रक्रिया या संबंधीचे त्यांच्या विचाराचे आकलन झाले.
B.A.T.Y.{Opt} Sem.– VI,Paper–XIV	निबंध लेखन मराठी भाषेचे व्याकरण संधी, समस, अलंकार इत्यादी घटकांसंबंधी माहिती मिळाली. अभ्यास आणि विचार या दोन लेखन अभिव्यक्ती व निबंध लेखनाचे वेगवेगळे प्रसार यासंबंधीचे ज्ञान मिळाले.
B.A.T.Y.{Main}	**मध्य्युगीन मराठी वाडमयाचा इतिहास (प्रांरभ ते** 1600)

Sem.–VI, Paper –XV	मध्ययुगीन मराठी वाडमयाची प्रेरणा स्वरुप आणि प्रवृत्ती या संबंधीचे ज्ञान विद्यार्थ्यांना मिळाले. मध्ययुगीन वाडमयातुन प्रगट झालेल्या मानवी मुल्याचे आकलन व समाज आणि संस्कृती यांचे डोळस भान विद्यार्थ्यांनामध्ये निर्माण झाले.
B.A.T.Y.{Main} Sem.– VI, Paper–XVI	प्रकल्प कार्य प्रकल्पकार्यातुन एखाद्या विषयाच्या मुळापर्यंत जावुन सत्य शोधता येते. त्याची जाणीव विद्यार्थ्यांनामध्ये निर्माण झाली. सर्जनशिलता व संशोधनाची दृष्टी विद्यार्थ्यांमध्ये निर्माण झाली.

Department:-Hindi

Programme Specific Outcome	साहित्य् के माध्य्म से छात्रो को जीवन की कला और जीवन जीने के विभिन्न् तरीके, भाषिक शुध्दता, भाषा कौशल्य् भाषा अभिव्यक्ती, संशोधन वृति आदि विकसित होने में मदत होती है !

Course Outcomes

Course	Outcomes
B.A./B.Sc/B.Com.F.Y.{S.L.} Sem.–I,Paper–I	इस प्रश्न् पत्र् से छात्रें को हिंदी साहित्य् के बारे में अलग-अलग कहानियो के जरिए संस्कृति और उसकी रक्षा हेतु कौन से कदम उठाना है तथा प्रयोजनमूलक हिंदी के पाठ्यक्रम से व्यवसाय और व्यावहारिक हिंदी की जानकारी मिलती है !
B.A. F.Y. {Opt.}Sem.– I,Paper–I	आपका बंटी यह उपन्यास पढने से बच्चों को यह ज्ञात होता है कि, परिवार में मां-बाप समझदार होना चाहिए यही बच्चो के ऊपर संस्कार होता है ! अमिता यह उपन्यास से बच्चों को यह ज्ञात होता है कि, किसी को मारना नहीं,किसी को डराना नहीं, किसी से धन चुराना नहीं यह प्रतीज्ञा से विश्वशांति हो सकता है ! इसकी जानकारी मिलती है
B.A. F.Y. {Opt.}Sem.– I,Paper–II	नाटक साहित्य् इस प्रश्न् पत्र् से नाटक के विभिन्न् तत्व् जैसे कि रंगमंचीयत्ता, वेशभूषा, भाषा शैली के साथ-साथ नाटक कि कथावस्तू से किसानो की हालत, भारतीय स्वतंत्रता की ऐतिहासिक कहानी, सम्राट अशोक की जीवन की कठिनाइयां आदि विषयों की जानकारी मिलती है !
B.A./B.Sc.S.Y. {S.L.} Sem.– III,Paper–III	गद्य के विविध आयाम पढने से बच्चों को यह ज्ञात होता है कि, हर इंसान को शून्य् से ही निर्माण करना पडता है ! प्राणियों और पक्षियों के ऊपर प्रेम करना चाहिए ! प्रयोजनमूलक हिंदी में शिक्षा ही मातृभाषा से होना चाहिए इससे बच्चों की सर्वांगीण विकास हो सकता है, इसकी जानकारी मिलती है !
B.ComS.Y.{S.L.} Sem.– III,Paper–III	सामान्य् हिंदी पढने से बच्चों को यह ज्ञात होता है कि मातृभाषा शिक्षा पध्दति को हम आसानी से सीख सकते हैं ! आज वैश्वीकरण में हिंदी भाषा को महत्व् है ! और व्यापार करने और संप्रेषण कला का ज्ञान इसकी जानकारी मिलती है !
B.A. S.Y. {Opt}Sem.– III,Paper–V	कथेत्त्र गद्य साहित्य् पढने से बच्चों को यह लाभ होता है कि भारतीय संस्कृति, विविध धमों के बारे में, विविध त्योहारों के बारे में, आजादी के लिए संघर्ष की गाथा पढने से बच्चों को मन में ही राष्ट्रीय एकात्मता निर्माण होती है !

B.A.S.Y.{Opt} Sem.–III, Paper – VI	प्रयोजनमूलक हिंदी में सरकारी कार्यालयों तथा निमसरकारी कार्यालयों में हिंदी के प्रयोग के कारण कार्यालय कामकाज में किस तरह सुधार आता है तथा भाषिक शल्य् की द्ष्टि से शुध्दता, राजभाषा, राष्ट्रभाषा के रुप में हिंदी की जानकारी मिलती है !
B.A.T.Y.{Opt} Sem.–V,Paper –IX	प्रादेशिक भाषा साहित्य् के जरिए विशिष्ट भूपद्रेश की भाषिक विशेषता वहां की खानपान और संस्कृति के विभिन्न् तत्वों की जानकारी मिलती है !
B.A.T.Y.{Opt} Sem. – V, Paper–X	आदि तथा मध्यकालीन साहित्य् हा इतिहास पढने से हमें यह ज्ञात होता है कि उस काल के सामजिक, धार्मिक, आर्थिक और राजनीतिक परिस्थिती और आज की स्थिती में क्या अंतर है तथा भक्ति, श्रध्दा और प्रेम ही दुनिया में सबसे महत्वपूर्ण है, यह जानकारी मिलती है !
B.A.T.Y.{Main} Sem. – V,Paper–XI	साहित्य्शास्त्र् पढने से बच्चों को यह लाभ होता है कि, साहित्य् पढने से भाव, कल्पना और शैली का विकास होता है ! इसकी जानकारी मिलती है !
B.A.T.Y.{Main} Sem. – V, Paper –XII	प्रकल्प् साहित्य् के प्रश्न् पत्र् से छात्रों को विशिष्ट विषय पर प्रकल्प लेख्न करके संशोधन पध्दति से परिचित करवाया जाता है ! महाविद्यालय जीवन से ही छात्रों के अंदर शोध वृत्ति जागृत करने का यह एक प्रयास है !
B.A./B.Sc/B.Com.F.Y.{S.L.} Sem.–II,Paper –II	इस प्रश्न् पत्र् से छात्रों को हिंदी साहित्य् के बारे में अलग-अलग कहानियो के जरिए संस्कृति और उसकी रक्षा हेतु कौन से कदम उठाना है तथा प्रयोजनमूलक हिंदी के पाठ्यक्रम से व्यवसाय और व्यावहरिक हिंदी की जानकारी मिलती है !
B.A. F.Y. {Opt.}Sem.–II, Paper–III	हिंदी गद्य् साहित्य् पढने से बच्चो को यह ज्ञात होता है कि जिंदगी में संपत्ति का घमंड नही होना चाहिए, इंसान को हमेशा खुश होना चाहिए स्त्री को आधार देना चाहिए लडका और लडकी दोनों समान है यह बच्चों को जानकारी प्राप्त होती है
B.A. F.Y. {Opt.}Sem.– I,Paper–IV	एकांकी साहित्य से भी भैतिकीकरण और वैज्ञानिकीकरण के कारण समाज पार होता प्रभाव टुटते हुए परिवार घुटन की समस्या व्यक्तिगत जीवन को लेकर तरसता हुआ आमदी आदि विषओं की जानकारी मिलती है
B.A./B.Sc.S.Y. {S.L.} Sem.–IV,Paper – IV	गद्य के विविध आयाम में सभी स्त्रियों का सम्मान करना चाहिए परिवार को महत्व देना चाहिए हर इंसान अंधश्रध्दा से दुर होना चाहिए प्रयोजनमूलक हिंदी में जनसंचार माध्यम और वैज्ञानिक तकनीकी हिंदी का अत्यंत महत्वपूर्ण है इसकी जानकारी मिलती है
B.ComS.Y.{S.L.} Sem.–IV,Paper –IV	व्यवसाय मीडीया, अनुदवाद,व्यापार और बैंको में हिंदी को महत्व है यह सामान्य है हिंदी पढनें से बच्चों को यह लाभ होता है

B.A.S.Y.{Opt} Sem.–IV, Paper –VII	भूमिजा यह प्रबंधकाव्य पढने से यह ज्ञात होता है कि स्त्री की सहनशीलता और पुरुष की मर्यादा और महान राजा कें बारे में हमें जानकारी मिलती है चुनी हुई लंबी कविता में हर व्यक्ती को दुःख रहता है मगर दुःख से बाहर निकलना चाहिए इसकी जानकारी मिलती है.
B.A.S.Y.{Opt} Sem.–IV,Paper–VIII	प्रयोजनमूलक हिंदी में सहकारी कार्यालयों तथा निमसरकारी कार्यालयों में हिंदी के प्रयोग के कारण कार्यालय कामकाज मे किस तरह सुधार आता है तथा भाषिक कौशल्य की द्ष्टी से शुध्दता राजभाषा राष्ट्रभाषा के रुप में हिंदी की जानकारी मिलती है
B.A.T.Y.{Opt} Sem.–VI, Paper – XIII	मध्यकालीन कविता से संत साहित्य की महारािष्ट्र की पार्श्वभूमि को लेकर यहां के धार्मिक वातावरण पर किस प्रकार संत साहित्य का असर हुआ हैइसकी जानकारी मिलती है
B.A.T.Y.{Opt} Sem.– VI,Paper–XIV	आधुनिक हिंदी साहित्य का इतिहास पढनें से हमे यह लाभ होता है कि समाज में नए-नए परिवर्तन हो सहा है परिवर्तन के साथ ही समाज में मानवतावादी द्ष्टीकोण के साथ अस साहित्य को आधुनिकता के साथ कैसे जोड दिया जाए यह जानकारी मिलती है.
B.A.T.Y.{Main} Sem.–VI, Paper –XV	साहित्यशास्त्र् पढने से हमे यह ज्ञात होता है कि इंसान को सुंदर दिखने के लिए आभूषण (अलंकार)की आवश्यकता नही इसे ज्ञान की आवश्यकता होती है. साथ ही चारों और सोचकर निर्णय लेना चाहिए इसकी जानकारी मिलती है
B.A.T.Y.{Main} Sem.– VI, Paper–XVI	प्रकल्प साहित्य के प्रश्न पत्र् से छात्रें के विशिष्ट विषय पर प्रकल्प लेखन करके संशोधन पध्दती से परिचित करवाया जाता हे. महाविद्यालय जीवन से ही छात्रों के अंदर शोध वृत्ती जागृत करने का यह एक प्रयास ह.
	SANSKRIT
B.A F. Y Sem Ist Aarshakavya	CO1: Introduction to ancient Sanskrit epics and introduction to Indian life and social conditions
B.A F. Y Sem Ist Sanskrit Vyakaran Parampara	CO1: Easy Sanskrit grammar study helps in understanding different Sanskrit texts.
B.A/B.com/B.sc F.YSem (SL) Ist Sanskrit Sarita - A	CO1: Information and stories from various texts in this textbook provide a brief overview of ancient/archaic texts.
B.A F. Y Sem IInd Natak Pratima	CO1: Introduction, writing style, ornamentation, rasa of Indian Sanskrit dramas. And help in getting qualified introduction
B.A F. Y Sem IInd Sankrit Katha Sahitya	CO1: Inculcation of moral values with the help of moral stories from Panchatantra.
B.A/B.com/B.sc F. Y Sem (SL) IInd Sanskrit Sarita -B	CO1: Information and stories from various texts in this textbook provide a brief overview of ancient/archaic texts.

B.A S. Y Sem III rd Pancha mahakavyacha Itihas	CO1: Introduction to Sanskrit epics, description of language, beauty of nature, political, social, economic situation in it.
B.A S. Y Semester IIIrd Raghuvansham	CO1: By studying the Raghuvamsa epic, the knowledge of the ancient ideal kings to make the students aware of the importance of service and sacrifice done by the king.
B.A/ B.com/ B.sc S. Y Semester (SL) IIIrd Girvanmanjari - A	CO1: This textbook contains texts from various texts. Hence the introduction of ancient texts like the Upanishads
B.A S. Y Semester IVth Gadyakavya Shuknasopdesh	CO1: Introduction to Mahakavi Banabhatt's Prose Poems, Prose Writing Style, Introduction to Prose Passages, Introduction to Principles and Values
B.A S. Y Semester IVth Natak Sangit Soubhadra	CO1: Introduction to musical drama and its various forms.
B.A/ B.com/ B.sc S. Y Semester (SL) IVth Girvanmanjari - B	CO1: This textbook contains texts from various texts. Hence the introduction of ancient texts like the Upanishads
B.A T. Y Semester Vth Vaidik Sukte	CO1: Useful information to make auspicious resolutions, protect the environment, etc. from Vedic Suktas.
B.A T. Y Semester Vth Natyalaxan v natak	CO1: Introduction to Mahakavi Kalidasa's style of drama, description of nature, introducing the social condition of women at that time and description of events with the use of similes etc.
B.A T. Y Semester Vth Vyakaran	CO1: Definitions and examples of selected idioms in grammar help with writing skills
B.A T. Y Semester Vth Poject	CO1: Promote research by giving a specific topic.
B.A T. Y Semester VIth Tattwadnyan	CO1: This text is useful for how to lead an ideal life and take right decisions at the right time.
B.A T. Y Semester VIth Natak Abhidnyan Shakuntalam	CO1: Introduction to Mahakavi Kalidasa's style of drama, description of nature, introducing the social condition of women at that time and description of events with the use of similes etc.
B.A T. Y Semester VIth Sahitya shastra	CO1: Study of ornaments helps to appreciate literature.
B.A T. Y Semester VIth Project	CO1: Promote research by giving a specific topic.

Department:-Economics	
ProgrammeSpecificOutcome	PSO1: Economics students in general will be able to pinpoint and understand the past, present economi cconditions of the country.They will also be able to forecast the future course of changes and development through their knowledge of policies and programmes set by the governments and other development agencies. They are equipped with the techniquest of indsolution of the problems like mobilization of manpower and materials availablein the country. PSO2: Basically,economic graduates are familiar with the knowledge and application of micro economics and macro economics for the formulation of policies and planning.They are equipped with all the relevant tools/ knowledge based one conomic principles including market functions and structures, efficiency in manpower and resources management, need of credit / finance for initiating and accelerating projects. PSO3: Students are taught the techniques to collect and disseminate information like primary and secondary data, preparation of questionnaire. Students are deployed to do survey and on thespot interaction with the personnel of the case under study. Students who graduated from this institution are directly involved and effectively participate in the discussions and final Presentation of the findings of the projects undertaken.
Course Outcomes	
CourseB.A.	**Outcomes**
F.Y. Sem. – I, Paper – CC-1A MicroEconomics	Completion of the study of Microeconomics student be able to : 1) Analyse about traditional and modern definition of economics 2) Perform demand analysis to analyse the impact of economic events on markets. 3) Perform supply analysis to analyse the impact of economic events on markets. 4) Analyse the behaviour of consumers in terms of the demand for products 5) Understand various types of market equilibrium.
F.Y.Sem.–I, Paper–CC-10 Macro Economics	upon completion of Micro Economics I students should be able to : 1) Computer different measures of macro Economic activity 2) Analyse about definition of macro Economics. 3) Understand the various concept of National Income. 4) Analyse classical and keynesian Approach of output and employment 5) Understand consumption and Investment function

F.Y. Sem. – II, Paper – CC-1C: Micro Economics	Upon completion of Macro Economics student should be able to 1) Evaluate the factors affecting firms behaviour, such as production revenue and cost. 2) Analyse the performance of firms under different market forms. 3) To be aware about price Determination of firms under different market structure. 4) Explain how market work. 5) Have a better awarness of different factors pricing
F.Y. Sem. – II, Paper –CC-2C Macro Economics	Upon completion of macro Economics II students should ne able to: 1)Analyse the value of money its measurement 2)Understand measures of control inflation and deflation. 3)Analyse trade cycles and its effects. 4)Understand how monetary and fiscal policy can be used to achieve policy goals 5)Identify the social consequences of national and international economic activity.
S.Y.Sem.IIIV105MacroEconomics	1. Define and explain the process of calculating national income, identify its components, demonstrate circular flow of income, analyze the various income identities with government and international trade, define the concept of green accounting. 2. UnderstandSay'slawof market, classical theory of employment and Keynes objection to the classical theory, demonstrate the principle of effective demand and income determination. 3. Explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and analyze the theories of absolute and relative Income hypotheses. 4. Understand the relationship between investment and savings, demonstrate investment multiplier, and understand the meaning of MEC and MEI. 5. Analyze the Theory of Track Cycle.
S.Y. Sem. III VI 106EconomicsofDevelopment	1. Student understood meaning of Growth & Development. 2.Student Grasp Theories of Development: Adamsmith Malthus,Karlmarks,Schumpeter 3. Student learnt Factors in Development Process. 4. Student Analyzed Growth Models:R.Nurkse, Rostowsstages. 5.Student studied role of agriculture,Industry & Servicein development.

S.Y.Sem.IV107PublicFinance	1. Student understood meaning,nature and scope of Public Finance & Importance. 2. Student analyzed difference between Privet and public finance. 3. Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system. 4. Student Grasp Public Expenditure,Public Debt & Union Budget
S.Y.SemVIII108StatisticalMethod	1. Student understood Meaning, Nature of Statistic 2. Identify and define basic statistics techniques which are needed for studying in Economics. 3. Apply knowledge of statistic almeasures such as Mean, Median and Mode for analysis and interpretation of data. 4. Analyze the different measures of dispersion that are useful in the field of Economics. 5. Develop skills and knowledge to apply data through graphs for analyzing. 6. Student Analyze dcorrelation analysis & Index Number.
T.Y.Sem V 109InternationalEconomics	1. Identify the basic difference between inter-regional and international trade,understand how international trade has helped countries to acquire goods at cheaper cost and explain it through the various international trade theories. 2. Show the benefits of international trade in a way how nations with strong international trade have become prosperous and have the power to control. 3. Student Grasp the Gains from Trade. 4.Show the importance of maintaining equilibrium in the balance of payments and suggests suitable measures to correct disequilibrium 5. Be aware of the changes in the composition as well as direction of foreign trade after international trade and know the causes and effects of deficits in the balance of payments,measures adopted to correct the deficits and identify the need for having trader forms. 6. Analyze the merits,Demeritsand limitation of devaluation

T.Y. Sem V 110AgriculturalEconomics	1. Sensitize the overall development and engine of growth inagriculture. 2. Gain knowledge of the causes of regional variations in productivity and production, social and economic inequality,size of land holdings and lack of quality inputs etc. and suggest appropriate measures for the whole economy. 3.Student Grasp the Technology in agriculture 4. Draw distinctive features of rural and urban economy oragri cultural and non-agricultural which can influence the whole economy. 5. Analyze the Fifty years of Indian Agriculture:an overview Agriculture
T.Y.Sem V111 HistoryofEconomic Thought	1. Student understood Mercantilism & Physiocracy. 2. Analyze the Classical period & Marginalists Economists. 3. Gain knowledge of the Keynesian Ideas.
T.Y. Sem VI 113ResearchMethodology	1. Student understood Meaning, nature, scopeand objectives of social research. 2. Student Analyzed Research Design & Data Collection method. 3. Student Analyzed Data Presentation and Analysis.
T.Y. Sem VI 114IndustrialEconomics	1. Student understood importance and role of industries in economic and social development. 2. Student Grasp Industrial Organization and Ownership Structure. 3. Analyze the Location and Dispersion of industries. 4. Student understood Composition of Industrial Sector
T.Y. Sem VI 115EconomyofMaharashtra	1. To Develop ideas of the basic characteristics of Maharashtra's economy, its potential on naturalresource. 2. Understand the problems of Agricultur alin Maharashtra. 3. Student Grasp the Cooperative Movement in Maharashtra. 4. Analyze the Infrastructure and Industrial development in Maharashtra.
T.Y. T.Y.Yearly 112 &116 Projectwork	1. Student learnt Project writing skill. 2. Student Analyzed Research Design & Data Collection. 3. Students are deep study of specific topic. 4. Gain knowledge of the research projects.

Department:-History	
Programme Specific Outcome	A. Students should understand academic honesty, a concept presented to themin all historyclasses. B. Students should understand the basic skills that historiansuse in research. C. Students should understand the basic skills that historiansuse in writing. D. Students should understand the basic tools of historical analysis. E. Students should understand the value of diversity. 1. Students will distinguish between primary and secondary sources and identify and evaluate evidence. 2. Students will demonstrate in discussion and written work their understanding of different peoples and cultures in past environments and of how those cultures change dover the course of the centuries. 3. Students will demonstrate in writ ten work and classdiscussions the ability to recognize and articulate the diversity of human experience, including thnicity, race, language, gender, as well as political, economic, social, and cultural structures over timeandspace. 4. Students will produce therown historical analysis of documents and develop the ability to think critically and historically when discussing the past. 5. Students will demonstrate ethical use of sources and provide accurate and properly formatted citationsin formal papers.
Course Outcomes	
Course	**Outcomes**
Paper No. I Shivaji And His Time 1630 to 1707	CO1:Shivaji Maharaj history is useful to students for MPSC Exam. CO2:Students got knowledge of concept of Shivaji and his times. CO3:Students view increased of Nationalism and secularism. CO4:Student got knowledge of administration of Shivaji Maharaj. CO5:Introduced to students social, economic and religious condition.
Paper No. II History of Modern Maharashtra 1818-1905	CO1:Students got knowledge of concept history of modern Maharashtra. CO2:Modern Maharashtra History is very useful to students for MPSC examination. CO3:Modern Maharashtra History is useful to student for NET-SET exam. CO4:Student got knowledge of Maharashtra philosophers and their philosophy.

	CO5:Students got knowledge of modern Maharashtra social Reform.
Paper No. III History of Maratha 1707-1818	CO1:History of Maratha.History is useful to students for MPSC examination. CO2:Students view increased of Nationalism and secularism. CO3:Students got knowledge of administration of History of Maratha (Peshwa period) CO4:Introduced of student to social, Economical and Religious condition. CO5:History of Maratha [Peshwa period] History is very useful to student for all - competitive exam
Paper No. V History of Early India upto B.C. 300	CO1:Ancient Indian History is very importance for UPSC examination. Paper No. VI History of Delhi sultanat A.D. 1200 to 1526 Paper No. VII History of Mughal India 1526-1707 CO2:When students doing study if ancient history that time they know about original culture religion and society. CO3:History of Early India is very importance for all competitive exam [Set. Net, MPSC] CO4:Increasing student's wideness. CO5:Student capable for discuss any social issue.
Paper No. VI History of Delhi sultanat A.D. 1200 to 1526	CO1:History of Delhi sultanat History is important for UPSC exam. CO2:'History of Delhi sultanat' History is very important section as far as the syllabus of any competitive examination is possible, especially civil service exams. CO3:Students enable to understand the medieval political history. CO4:Increasing student's wideness. CO5:When students doing study of History of Delhi sultans' that times they know about original culture religion and society.
Paper No. VII History of Mughal India 1526-1707	CO1:Medieval culture with a view understands the student. CO2:Student introduced nature of medieval Indian society economy, state formations and the main religious currents of the time. CO3:History of Mughal India, History is very important for UPSC exam. CO4:Students enable to understand the medieval political, Economical, Social and Agriculture History.
Paper No. VIII History of India B.C. 300 to A.D. 650	CO1: 'History of India' is very importance for UPSC exam. CO2:When students doing study is 'History of India' that times they know about original culture Religion and society. CO3:Increasing students wideness. CO4:Students capable for discuss any social issue. CO5:'History of India' is very importance for all competitive exam [Set-Net, MPSC]
Paper No. IX Historiography	CO1:Students know source of History. CO2:Practically student know to how much write history. CO3: Increased the knowledge of Research in History. CO4:Students know external and internal criticism. CO5:Students know Historian works.

	CO6:Students got knowledge of History writing theory. CO7:History writing trends in the world introduced to students.
Paper No. X History of Indian National Movement 1885-1947	CO1:"History of Indian National Movement" topic as a part of History is a very important section as far as the syllabus of any competitive examination is possible, especially civil services exams. CO2:Students understand of the stages of development in modern India, why certain events happened and analysis of the consequences of such developments that power an impact on our society, Economy and our political system. CO3:'History Indian National Movement" importance for competitive examination. CO4:To made them awareness of the multi- dimensionality of History of Indian National Movement'.
Paper No XI History Of Modern China 1900 to 1960	CO1:Understanding the major historical processes, events, and struggles that shaped the course of China over the past two hundred years; CO2:Developing a familiarity with issues faced in contemporary China; CO3:Critically reading, analyzing and using primary sources in a variety of genres, including memoirs, speeches, cartoons, and others; CO4:Evaluating, creating, and communicating historical arguments; CO5:Improving your skills in writing, communicating, and presenting your research findings to others
Paper No. XIII Fields of History	CO1:Students know source of history. CO2:Practically student known to how much write history. CO3:Students know historian works. CO4:Students got information about culture. CO5:It helps students to understand the Indian Architecture. CO6:It helps students to understand monumentful things by fieldwork. CO7:Students got great experiences by visiting
Paper No. XIV Landmark of the History of Modern world	CO1:Students got knowledge of concept in word history. CO2:Students got global event knowledge it is use for increased intellectual level. CO3:World trend of thinking, Marxist, communalism Dictatorrship, Empearalism, nazizurm, Faskism, Terrorism, Feminism, Globalization etc introduced to student
Paper No. XV Glimpses of the History of Marathwada (up to 1948)	CO1:Students got knowledge of concept glimpses of the History of Marathwada. CO2:Students got knowledge of Religious movement in Marathwada. CO3:Students got knowledge of socio-economical and culture History of under the Nizam state. CO4:Students got knowledge of Hyderabad freedom struggle. CO5:'Glimpses of the History of Marathwada' is very useful to student for Net,Set, MPSC and all competitive exam. CO6:When students doing study it 'Glimpses of the history of

	Marathwada' that times they know about original culture Religion and society.
Department:-Sociology	
Programme Specific Outcome	➢ Sociology extends the students the knowledge of social ideas which is of almost significance for the social restraint & the ideal development of Human personality. ➢ The familiar the student with the primitive (Adivasi) society, rural society & urban society. ➢ To make them aware of various raising problems &solution to them. ➢ To develop all round social attitude in them for the integration of society & obviously of the Nation. ➢ To acquaint them with various castes, creeds religions, languages, cultures & civilization. ➢ To create positive attitude among the students about Indian Social System. ➢ To make the to face various personal as well as social problems during their life.
Course Outcomes	
Course	**Outcomes**
F.Y. Sem. – I, Paper – I ,IntroductiontoSociology	CO 1 .Students will demonstrate knowledge of coresociological concepts, study approach, principles, methods, & history of sociology.
F.Y.Sem.–I, Paper–II, Individual&Society	CO 1 .Students will develop the knowledge, skills, and attitudes Necessary to be engaged members of the community.
S.Y.Sem.–III,Paper–V, ProblemsofRural India	CO 1 .To create awareness about the changing scenario of rural India & the contemporary problems of rural development.
S.Y. Sem. – III, Paper – VI ,ContemporaryUrbanIssues	CO 1 .To create understanding & analytical capacity among learners' about urbanization, urban communities, urban planning & Urban problems.
T.Y.Sem. –V, Paper–IX, SociologicalTradition's	CO 1 .Students will understand historical, socio-economic & Intellectual forces of he rise of sociological theories.
T.Y.Sem. –V, Paper–X, IntroductiontoResearch Methodology	CO 1 .Students will develop anability touse social scientific research methods to address sociological questions.
T.Y. Sem. – V, Paper – XI ,SocialProblem'sinIndia	CO 1 .Students will possess analytical skills in areas such as policy analysis, administration / management, communication, quantitative analysis and problem solving.
F.Y.Sem.–II, Paper–III, Introduction to Subfields ofSociology	CO 1 .Students get knowledge of the various branches or sub fields of sociology with their scope.
F.Y.Sem.–II, Paper–IV, IndianSocialComposition	CO 1 .Students understood the basics egments of Indian social Structure & its various dimension.

S.Y.Sem.–IV,Paper–VII, PopulationinIndia	CO 1 .Student will understand the dynamics of population.
S.Y.Sem.–IV,Paper–VIII, Sociologyof Development	CO 1 .Student will be able to know the development alissues in India.
T.Y.Sem.–VI,Paper–XIII ,SociologicalTheories	CO 1 .Students will demonstrate knowledge of how to use theory to Concept ualizea sociological problem.
T.Y.Sem.–VI,Paper– XIV ,SocialResearchMethods	CO 1 .The students understand the primary technique of investigation of social issues & use of computers & statistical tools in social research.
T.Y. Sem. – VI, Paper – XV ,SocialDisorganization in ContemporaryIndia	CO 1 .Students know the causes of social disorganization & its impacton society.
T.Y. Sem. – V& VI , Paper – XII&XVI, (ProjectWork)	Student will be able to:- • Design ares earch study in an area of choice. • Summarize basic questions and issues in the area. • Compare and contrast basic questions and issues in the area. • Show how sociology helps understand the area.

Department:-PublicAdministration

Programme Specific Outcome	Public Administration is the most potential of the inputs that gointo the designing, Planning and Development process of India. Proper execution administration of the resource Is of the paramount importance and need of the hour too.With the recent policies and new challenges in social economic developments the Human Resources administration has added significance. The development goal can be achieved and national productivity can be increased only when the manpower is properly recruited, trained, administration on professional lines. Public administration in India has enolved over the mill enniatores pond to challenges of changing times. Its high watermarks were Kautilya's exposition of administrative doctrine, "Kautilya wasnot only the foremost politico-administrative thinker of AncientIndia but he was an advocate and preacher of moral values too "The Arth as has traisI ndia' soldest completetex to n public administration".

CourseOutcomes

Course	Outcomes
F.Y.Sem.–I, Paper–I, Principles&ConceptofPu blic--Administration	CO 1 .Students get the basic knowledge of core Public Administration concepts, study approach, principles, methods, & history of Public Administration.
F.Y. Sem. – I, Paper – II ,PublicAdministration in India	CO 1 .The paper Indian Administration, Suchas Prime Minister, Presiden to India & Indian Parliament, Judiciary is studied in detail.

F.Y. Sem. – II, Paper – III ,MaharashtraAdministration	CO 1 .Student canget the information about chief minster their Council of minister & State Legislature, Constitutional & Statutory Bodies their Administration.
F.Y. Sem. – II, Paper – IV ,DistrictAdministration	CO 1 .This paper shows district administration that as Meaning &Importance of District Administration ,like District Collector, Machinery of Law & Order & District Super intendent of Police Key Posts in District Administration
S.Y.Sem.–III&IV,	
S.Y. Sem. – III, Paper – V ,PersonnelAdministration	CO 1 .In this syllabus Personal Administration Central & State Services All India Services: Constitutional Status, Role & Function. Problems of Personnel Administration
S.Y. Sem. – III, Paper – VI ,Panchayati Raj & RuralDevelopment	CO 1 .Evolution of Panchayati Raj in India Zilla Parishad, Panchayat Samiti, Gram Panchayat & Gram Sabha Composition & Functions & Ministry of state Rural Development— Composition & Functions.
S.Y.Sem.–IV,Paper–VII ,FinancialAdministration	CO 1 .Student have get knowledge Financial Administration—Meaning & Importance and Finance Ministry their function, Preparation, Enactment & Execution of Budget. Comptroller & Auditor General of India (CAG) – Power & Functions
S.Y.Sem.–IV,Paper– VIII, Urban Local SelfGovernment&Urba n Development	CO 1 .Urban Local Self Government in Maharashtra. Had known Ministry of urban Development-Composition & Function, Problems of Urbanization, Major Urban Development Programs
T.Y.Sem. –V&VI,	
T.Y. Sem. – V Paper – IX ,Human ResourceDevelopment	CO 1 .The syllabus provide Ministry Of Human resource Development :Composition, function & Role such as Human resource Development Higher Education Research Vocational & Technical Education & Meaning, Nature, Importance & Objective of HRM
T.Y. Sem. –V Paper – X ,Educational AdministrationinIndia	CO 1 .Education Administration: Meaning, Objectives & Importance. Historical Background of Education in India. Quality Control Institution sin Higher Education Such as (NAAC) other & Challenges Before Higher Education in India, Globalization & Higher Education : Impact & Consequences
T.Y.Sem. –V Paper–XI, AdministrativeThinkers	CO 1 .This is theoretical syllabi of Administrative Thinkers like that Foreign & Indian Thinkers their conurbationin Administration.
T.Y.Sem.– VPaper–XII, ProjectWork	CO 1 .Both the work in such as research work study in third year.
T.Y.Sem.–VIPaper–XIII ,PublicPolicy&D evelopment	CO 1 .The content of syllabi is Public Policy In India. Formulation Implementation Development: Meaning & Concept & Challenges Before Development

T.Y.Sem.–VIPaper– XIV , Health Administration inIndia	CO 1 .Student get the knowledge ofHealth Administration in India Health & Family Welfare Ministry National Rural Health Mission Determinants of Health Challenges Before Indian Health Care System
T.Y.Sem.– VIPaper –XV , Recent Trends in PublicAdministration & ImportantLaws	CO 1 .The syllabi should provide Recent Trends in Public Administration & Important Laws such as New public Administration Concept & Elements. New Public Management Public Choice Approach ,E- Governance, Good Governance, Citizen Charter, Environment Protection Act Right Public Services Act–2013 Objectives & Importance
T.Y.Sem. – VIPaper –XVI ,ProjectWork	CO 1 .Student had be able to:- Design a research study in an area of choice. Summarize basic questions and issues in the area. Compare and contrast basic questions and issues in the area.Show how Public-Administration helps understand the area.
Department:-Political Science	
Programme Specific Outcome	Study of political science informs learners about the political system the constitution and international political questions they can become political leaders in future.
CourseOutcomes	
Course	**Outcomes**
B.A.F.Y Sem.–I Political Science	CO १ .To import an understanding of the functioning of the government within the constitutional framework. To introduce the basics of political science to the freshers.
B.A.F.Y Sem.–II	CO १ .To impart an understanding of the functioning of the government within the constitutional framework.
B.A.S.Y Sem. – III & IVPaper – V &VII	CO १ .Indian Governance and Politics makes students aware about the process of constitution formation, fundamental rights and duties and the rights to seek justice if one fundamental rights are violated.
B.A.S.Y Sem. – III & IVPaper – VI &VIII	CO १ .Study of International relations informs students about international question and the efforts needed to solve the problem. It also informs them about world organizations, Global and Regional Organizations, Cold war.
B.A.T.Y Sem. – V & VIPaper – IX &XIII	CO १ .Study of Indian Thinkers' informs students about Ancient Indian Culture, The work Indian thinkers have done to solveIndi's social problems, and their life and philosophies.
B.A.T.Y Sem. – V & VIPaper – X &XIV	CO १ .Western Political thinkers have contributed a lot the political philosophy. Aristotle and Plato have given important theories about the state and the king.

B.A.T.Y Sem. – V & VIPaper – XI &XV	CO १ .Modern Political Ideology informs students about the rise of different ideologies and their contributions in social reformation and how to use this fornation building.
B.A.T.Y Sem.– V& VIPaper –XVI	CO १ .The study of Social Research Methodology in forms students about the research methodologies used in social science, use of research from the point of view of society. It informs use about the relation between society and research in social sciences.
Home-Science	
B.A.F.Y.I & II Sem II - Basic Nutrition IV- food & Nutrition	functions of food,food groups. Food nutrients,sources. ● gain acquaintance with human gastro intestinal tract. ● understand the concept of an adequate diet & importance of meal planning ● know the different methods of food preservation. ● gain the knowledge about the nutrient needs for various age groups**.**
B.A.F.Y.I & II Sem III - Extension & communication –	● Impart knowledge of extension education ● understand the process of communication in development work. ● get acquainted with the terms in extension approaches and models. ● know the process of communication ans effects of media. ● understand the role of communication in development. ● develop the skills in the students about the use of communication methods and media.
B.A.F.Y.I & II Sem III - Extension & communication –	● Impart knowledge of extension education ● understand the process of communication in development work. ● get acquainted with the terms in extension approaches and models. ● know the process of communication ans effects of media. ● understand the role of communication in development. ● develop the skills in the students about the use of communication methods and media.
B.A.S.Y. III & IV sem V - Extension Education	● To understand the meaning, importance and need of Home science Extension education.

	• To understand the process of communication in development work**.** • To understand the process of communication in development work. • To get acquainted with the terms in extension approaches and models.
B.A.S.Y. III & IV sem **VII - Human Development**	• appreciate the sequential stages of human development. • understand the behavioral problems during late childhood. • aware the need & skills to beautiful developed for self improvement. • gain knowledgeable, regarding adjustments during adult to old age.
B.A.S.Y. III & IV sem **VI - Textiles & clothing – (practice)**	• enable students for proper choice of fabric. • impart knowledge regarding textile & clothing. • enable student to develop skills in embroidery. • impart creative & technical skills in clothing construction • impart knowledge about the basic principles of design and painting. • impart knowledge about Wardrobe • planning.
B.A.S.Y. III & IV sem **VII-Food & Nutrition**	• **To gain acquaintance with human gastro intestinal tract.** • **To understand the concept of an adequate diet and importance of meal planning.** • **To know the different methods of food preservation.** • **To be aware of the effect of food poisoning and food adulteration.** • **To gain the knowledge about the nutrient needs for various age groups.**
B.A.T.Y. Sem – V and VI **IX – Marriage and Family Dynamics.**	• **To understand the merits & demerits of marriage and family system** • **To be aware about the areas the laws related to women, marriage and family.** • **To develop awareness about counseling.**

B.A.T.Y. Sem – V and VI **X - Housing & Interior Decoration –** **(Practical)**	• know the essentials of Interior decoration. • understand elements & principles of art & design. • develop skill in creating design & marking art objects. • recognize the role of housing integrated development.
B.A.T.Y. Sem – V and VI **XI - Nutritional management in health & diseases –** **(Practical)**	• know the principles of diet therapy Understand the role of dietician. • understand the modifications of Normal diet for therapeutic purpose**.**
B.A.T.Y. Sem – V and VI **XII – Human Development (Adulthood, & Old age)**	• To understand the nature of developmental pattern in adulthood & old age. • To know different aspects in adulthood. • To gain knowledge regarding adjustments during adulthood.
B.A.T.Y. Sem – V and VI **XIV – Fundamentals of Art and Design** **(Practical)**	• To understand elements and principles of art and designs. • To apply various closures, harmonies in designs. • To develop skill in creating design and making art objects.
B.A.T.Y. Sem – V and VI **XV – Communication Process in Home Science** **(Practical)**	• To understand the role of communication in development. • To know the process of communication and effects of media. • To enable the qualities of leadership in the students. • To know the importance of programme , planning, implementation of programme and evaluation.
B.A.T.Y. Sem – V and VI **XII & XVI – Project work**	• Describe specific changes in your knowledge, attitudes, skills and behaviors you expect to occur as a result of your actions. • To develop research attitude among students.
	Music
B.A.F.Y. I Semister **Indian Classical Music Vocal & Instrument I & II**	CO १ . संगीत विषयाच्या प्रारंभीक व्याक्ष्या व विविध गीत प्रकाराची माहिती मिळवण्यास मदत होते.
B.A.F.Y. II Semister **Indian Classical Music Vocal & Instrument III & IV**	CO १ . सादरीकरण पध्दतीचा परिचय व विविध रागाच्या सैध्दांतिक तपशिलाचा अभ्यास करण्यास मदत होते.
B.A.S.Y. **Indian Classical Music Vocal & Instrument V & VI Theory & Pract.**	CO १ . प्राचीन ग्रंथाविषयी विषयी माहिती तसेच राग व ताल सादरीकरण पध्दतीची माहिती मिळवण्यास मदत होते.
B.A.S.Y. **Indian Classical Music Vocal & Instrument VII & VIII Theory & Pract.**	CO १ . भारतीय संगीताचा इतिहासा बाबत माहिती मिळवण्यास मदत होते. शिवाय ताल व त्यच्या लयकटीची ही माहिती मिळते.
B.A.T.Y. V Sem Sub & Main Sub. Indian Classical Music Vocal & instrument X & XI Theory & Pract.	CO १ . भारतीय संगीतातील राग, वर्गीकरण ग्राम राग वर्गीकरण स्वर विभाजन, विविध संगीत स्वरांच्या जीवनाविषयी परिचय विद्यार्थ्यांना मिळतो.

B.A.T.Y. VI Sem Sub & Main Sub. Indian Classical Music Vocal & instrument XIII & XV Theory & Pract.	CO १ . महाराष्ट्रातील लोक संगीताची ओळख यातून होते. विविध रंगांचा परिचय सराव यातुन होतो. यातुन तालाची दुप्पट , चौपट लयकाराची माहिती होते.
Department:-Commerce	
Programme Specific Outcome	**PSO1-**Impart the knowledge of basic concepts, terms & provisions of, Income Tax and other laws affecting business. **PSO2-** Analysis ofcapital structure and financial position of business, output ofdataanalysis. **PSO3-** They would be able to develop customer relationship to plan business strategies and sales promotion. **PSO4-** Students will be able to e filing returns, could do onlinebanking, online transactions and could do e business. **PSO5-** Student can prepare proper income account of business and could find out actual amount of income tax.
CourseOutcomes	
Course	**Outcomes**
BUSINESS MATHEMATICS & STATISTICS-I	CO 1: Understand the concept and scope of statistics. CO 2: Organize, manage and present data. CO 3: Analyze statistical data using frequency distributions and cumulative frequency distributions. CO 4: Analyze statistical data using measures of central tendency and dispersion. CO 5: Solve problems related with matrices and determinants.
Business & Industrial Economics-I	CO 1: Understand the fundamentals of business economics, its relevance and applications. CO 2: Gain knowledge about the theory of Consumer behaviour. CO 3: Measure elasticity of demand. CO 4: Comprehend various market structures and business decisions based on them. CO 5:Describe the factors of production and theories of factor pricing.
Computer Application in Business-I	CO 1:Understand computer codes and languages. CO 2: Use effectively various tools in word processing. CO 3:Prepare and design effective presentations. CO 4:Understand and manage spread sheets. CO 5:Prepare spread sheets for various business goals.
Entrepreneurship Development-I	CO 1:Understand the concept of entrepreneurship. CO 2: Identify the skills and qualities of a successful entrepreneur. CO 3:Understand the barriers of entrepreneurship CO 4:Understand the concept and relevance of EDPs. CO 5:Acquaint with new trends in entrepreneurship
Financial Accounting-I&II	CO 1:Describe Accounting principles and standards. CO 2: Prepare final accounts of non trading concerns. CO 3:Prepare branch accounts.

	CO 4:Prepare departmental accounts CO 5:Prepare consignment accounts.
B.Com. First Year - Semester II Business mathematics & Statistics-II	CO1:Analyse statistical data using measures of correlation. CO2: Predict unknown values based on Regression. CO3:Construct Index numbers using various methods. CO4:Apply rules of probability to solve real life problems. CO5:Solve mathematical problems using logarithms as well as by applying rules of logarithms
B.Com. First Year - Semester II Business Organisation & Management	CO1:Describe the foundation and present status of Indian business. CO2:Understand various forms of business organisations. CO3:Understand the process of management &organisation. CO4:Gain knowledge about leadership, motivation and control as important functions of management. CO5:Comprehend functional areas of management.
B.Com. First Year - Semester II Business Communication & IT Application-II	CO1:Understand the framework of communication. CO 2: Draft various types of correspondence letters. CO 3:Gain knowledge about computer networks. CO 4:Acquire skills necessary for electronic communication. CO 5:Manage emails, social networking and oral presentations.
B.Com. First Year - Semester II Entrepreneurship development-II	O 1:Understand the various theories of entrepreneurship. CO 2: Identify various types ofentrepreneurs based on case studies CO 3:Scan the environment and identify business opportunities CO 4:Design market research plan. CO 5:Understand the role of innovation and incubation centres
B.Com. Second Year - Semester III CORPORATE ACCOUNTING-	O 1:Gain knowledge about issue and forfeiture of shares. CO 2: Account redemption of debentures. CO 3:Post journal entries for redemption of preference shares. CO 4:Prepare final accounts of joint stock companies. CO 5:Determine and account profit prior to incorporation.
B.Com. Second Year - Semester III Cost Accounting-I	O 1:Understand the concept of cost and cost accounting. CO 2: Classify costs on various bases and understand concepts of Cost unit, cost drivers and cost centres. CO 3:Understand the idea and meaning of material control with pricing methods CO 4:Identify the importance of labour cost control and determine the labour cost. CO 5:Carry primary distribution and secondary distribution of Overhead costs
B.Com. Second Year - Semester III IT Application in Business-I	CO 1:Understand the fundamentals of C Language. CO 2: Make use of operators, expressions. CO 3:Make decisions in C Language. CO 4:Understand and use Loops CO 5:Describe and handle arrays and strings

B.Com. Second Year - Semester III GST Account-I	O 1:Describe the concept and evolution of GST. CO 2: Understand the Registration process under GST. CO 3:Determine valuation of supply under GST. CO 4:Comprehend input tax credits and tax payments under GST.
B.Com. Second Year - Semester III Financial Management	CO 1:Understand the concept and need of financial management. CO 2: Determine Cost of Capital CO 3:Learn the meaning of Capital structure and factors influencing capital structure. CO 4:Determine degree of leverages at different levels of profitability. CO 5:Understand the concept of working capital.
B.Com. Second Year - Semester IV Corporate Accounting-II	O 1:Determine purchase consideration and prepare accounting records of malgamation of companies. CO 2:Prepare balance sheet after absorption of joint stock company. CO 3:Understand and maintain accounts for internal reconstruction of a company. CO 4:Identify pre-post acquisition profit and prepare accounts in case of Holding Company. CO 5:Understand the accounting for liquidation of companies
B.Com. Second Year - Semester IV Cost Accounting-II	cO 1:Prepare cost sheet and tenders. CO 2: Prepare Process accounts with normal and abnormal gain/losses. CO 3:Prepare Contract accounts. CO 4:Solve operation costing problems. CO 5:Reconcile financial and Cost accounts.
B.Com. Second Year - Semester IV IT Application in Business-II	CO1:Understand the e-Commerce framework in India. CO 2: Describe the structure and relevance of e-markets. CO 3:Understand e-business application and e-payment systems. CO 4:Comprehend the impact of e-business on different fields and sectors. CO 5:Identify the role and relevance of e-Government
B.Com. Second Year - Semester IV GST-II	CO 1:Understand various documents and records under GST. CO 2: Describe the composition scheme under GST CO 3:Understand and use reverse charge mechanism under GST CO 4:Prepare e-Way bill. CO 5:Understand GST framework for e-commerce operators, Import & Export transactions etc
B.Com. Second Year - Semester IV Human Resource Management	CO 1:Understand the concept and need of HR management. CO 2: Understand the process of procurement of human resources. CO 3:Acquaint with the importance and process of Performance appraisal. CO 4:Learn the various methods of training and development. CO 5:Develop knowledge aboutdiscipline management and grievance handling in organisations

B.Com. Third Year - Semester V Advanced Financial Accounting-I	CO 1:Understand the framework of Social Accounting. CO 2: Prepare departmental accounts. CO 3:Prepare investment accounts. CO 4:Prepare bank final accounts CO 5:Prepare accounts of insurance companies.
B.Com. Third Year - Semester V Management Accounting-I	CO 1:Understand thoroughly the conceptual framework of Management Accounting; identification of differences between different forms of accounting—Financial, Cost and Management CO 2: Apply tools of financial statement analysis. CO 3:Classify and calculate ratios. CO 4:Prepare Fund flow statement CO 5:Prepare Cash flow statement
B.Com. Third Year - Semester V Cost Accounting-I	CO 1:Understand the concept of cost and cost accounting. CO 2: Classify costs on various bases and understand concepts of Cost unit, cost drivers and cost centres. CO 3:Understand the idea and meaning of material control with pricing methods CO 4:Identify the importance of labour cost control and determine the labour cost. CO 5:Carry primary distribution and secondary distribution of Overhead costs
B.Com. Third Year - Semester V Indirect Taxes & Direct Taxes-I	CO 1: Understand the overall framework of indirect taxes in India. CO 2: Gain knowledge about Central Excise CO 3:Know the basic concepts of Customs Act and to compute the assessable value for charging customs duty. CO 4:Understand the law relating to service Tax. CO 5:Understand thoroughly the framework of M-VAT.
B.Com. Third Year - Semester V New Auditing Trends-I	CO 1:Understand principles of Auditing CO 2:Comprehend the internal check system. CO 3:Recognise the essence of vouching and verification. CO 4:Understand the role of an auditor and prepare an audit report. CO 5:Comprehend audit practices in computerized environemnents.
B.Com. Third Year - Semester V Business Regularity Framework	CO1: Introduction to Business Law as well as other Laws. CO2: Achieving the knowledge of Law. CO3: Knowing the rights and liability of every citizen regarding society. CO4: Awareness of legal liability. CO5: Welfare of society CO6: Creating legal awareness among the students. CO7: Acquainting with the latest laws, governing business and commercial transactions
B.Com. Third Year - Semester V Computerised Accounting-I	CO1:Attain a comprehensive skill set with Tally ERP 9 Accounting Software. CO2.Attain sufficient mastery of data base management systems to be able to effectively handle any computerized accounting system CO3.Improve online file management skillsusing Tally ERP 9.

	CO4.Improve Windows operating system skills CO5.To create bills, vouchers, accounts, taxation and inventory etc
B.Com. Third Year - Semester VI Advanced Financial Accounting-II	CO 1:Understand basics of Stock markets in India. CO 2: Prepare accounts of electricity company CO 3:Prepare insolvency accounts CO 4:Understand Municipal Accounting CO 5:Prepare records under Farm accounting.
B.Com. Third Year - Semester VI Management Accounting-II	CO 1:Acquire knowledge about budgets and budgetary control. CO 2: Prepare Cash budget CO 3:Prepare Functional Budgets CO 4:Understand Capital Budgeting CO 5:Comprehend the principlesand benefits of responsibility accounting
B.Com. Third Year - Semester VI Cost Accounting-II	CO 1:Prepare cost sheet and tenders. CO 2: Prepare Process accounts with normal and abnormal gain/losses. CO 3:Prepare Contract accounts. CO 4:Solve operation costing problems. CO 5:Reconcile financial and Cost accounts.
B.Com. Third Year - Semester VI Direct Taxes-I	CO 1:Understand the basic concepts in the law of income tax and determine the residential status of different persons. CO 2: Identify the five heads in which income is categorised and compute income under the heads 'Salaries'. CO 3:Compute income under the head 'Profits and gains of business or profession', 'Capital gains' CO 4:Compute income underthe head of 'Income from House Property' CO 5:Compute income from capital gains and 'Income from other sources'
B.Com. Third Year - Semester VI New Auditing Trends-II	CO 1:Understand basics of Cost and Management Audit CO 2: Describe the concept and relevance of Human Resource Audit. CO 3:Gain knowledge about investigation and differentiate auditing and investigation. CO 4:Describe trends in Cooperative audit CO 5:Learn about Tax audit.
B.Com. Third Year - Semester VI	CO 1:Understand in detail the e-banking framework in India. CO 2: Learn about the security in e-banking. CO 3:Understand the concept of ERP and it's applications. CO 4:Describe the role and development of BPOsin India. CO 5:Inculcate the basics of Knowledge management and learn the KM cycle.

Program Outcomes, Programme Specific Outcomes and Course Outcomes for Post Graduation Programme.

Faculty:-Arts	
Programme Outcome PG	**M.A.Marathi,**
Department:- Marathi	
Cource Outcomes	
M.A.F.Y. **Sem.–I,Paper–I**	आधुनिक मराठी वाडमयाचा इतिहास (1920 ते 1960) आधुनिक मराठी वाडमयाचा प्रेरणा,प्रवृत्ती, प्रवाह आणि त्यांच्या वाडमय विशेषाचे ज्ञान विद्यार्थ्यांना प्राप्त झाले.
M.A.F.Y. **Sem.–I,Paper –II**	साहित्य समीक्षेची मुलतत्वे भारतीय साहित्य विचार व पाश्चात्य साहित्य विचार त्या संबंधीची माहिती विद्यार्थ्यांना साहित्याची संकल्पना प्रयोजने निमिती प्रक्रिया त्यातील ज्ञान प्राप्त झाले.
M.A.F.Y. **Sem.–I,Paper –III**	भाषा कौशल्य, प्रसार माध्यमे व सृजनशिल लेखन प्रसारमाध्यमासाठी लेखन कौशल्य लेखनाची संहिता या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.F.Y. **Sem.–I,Paper –IV**	एका लेखकाचा विशेष अभ्यास : कै.यशवंतराव चव्हाण लेखकाचे समकालीन वाडमयीन पर्यावरण, साहित्य चळवळी व लेखकाचे लेखन कर्तृत्व या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III, Paper – IX**	वर्णनात्म्क भाषा विज्ञान मराठी भाषेचा शास्त्रीय अभ्यास, मानव व भाषा व्यवहार, भाषा व संस्कृती या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III,Paper–X**	आधुनिक मराठी वाडमयातील प्रवाह (दलित व आदिवासी साहित्य-ग्रामीण व स्त्रीवादी साहित्य) मराठी वाडमयातील विविध प्रवाह दलित, आदिवासी, ग्रामीण, स्त्रीवादी या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III,Paper–XI**	लोकसाहित्य् परंपरागत लोकांमध्ये रुढ असलेले मौखिक लोक वाडमय, लोककला, लोकगीत म्हणी वाक्यप्रचार या संबधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III,Paper – XII**	मराठवाडयातील आधुनिक साहित्य मराठवाडयातील सामाजिक, सांस्कृतिक, ग्रामीण जीवनाचा मानवावर होणारा परिणाम व त्याचे साहित्यात उमटलेले पडसाद याचे ज्ञान विद्यार्थ्यांना झाले.
M.A.F.Y. **Sem.–II,Paper–V**	आधुनिक मराठी वाडमयाचा इतिहास (1961 ते 2000) आधुनिक मराठी वाडमयाच्या प्रेरणा, प्रवृत्ती, प्रवाह आणि त्यांच्या वाडमय विशेषाचे ज्ञान विद्यार्थ्यांना प्राप्त झाले.
M.A.F.Y. **Sem.–II, Paper–VI**	**समक्षेच्या विविध अभ्यास पध्दती** **भारतीय साहित्य् विचार व पाश्चात्य् साहित्य् विचार त्या संबंधीची माहिती** विद्यार्थ्यांना साहित्याची संकल्पना प्रयोजने निमिती प्रक्रिया त्यातील ज्ञान प्राप्त झाले.

M.A.F.Y. **Sem.–II,Paper–VII**	भाषिक कौशल्य्, प्रसार माध्यमे व स्जनशिल लेख्न प्रसारमाध्यमासाठी लेखन कौशल्य लेखनाची संहिता या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.F.Y. **Sem.–II,Paper –VIII**	एका लेखकाचा विशेष अभ्यास : कै.यशवंतराव चव्हाण लेखकाचे समकालीन वाडमयीन पर्यावरण, साहित्य चळवळी व लेखकाचे लेखन कर्तृत्व या संबंधीची माहिती तसेच यशवंतराव चव्हाण यांचे लेखन कार्य या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–IV, Paper –XIII**	मराठी भाषेचा इतिहास व समाज भाषा विज्ञान मराठी भाषेचा शास्त्रीय अभ्यास, मानव व भाषा व्यवहार, भाषा व संस्कृती या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–IV, Paper –XIV**	आधुनिक मराठी वाडमयातील प्रवाह (ग्रामीण व स्त्रीवादी साहित्य) मराठी वाडमयातील विविध प्रवाह दलित, आदिवासी, ग्रामीण, स्त्रीवादी या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–IV,Paper –XV**	लोकवाडमय प्रकार व स्व्रुप विशेष परंपरागत लोकांमध्ये रुढ असलेले मौखिक लोक वाडमय, लोककला, लोकगीत म्हणी वाक्यप्रचार या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–IV, Paper–XVI**	मराठवाडयातील आधुनिक साहित्य मराठवाडयातील सामाजिक, सांस्कृतिक, ग्रामीण जीवनाचा मानवावर होणारा परिणाम व त्याचे साहित्यात उमटलेले पडसाद याचे ज्ञान विद्यार्थ्यांना झाले.
M.A.F.Y. **Sem.–I,Paper–I**	आधुनिक मराठी वाडमयाचा इतिहास (1920 ते 1960) आधुनिक मराठी वाडमयाचा प्रेरणा,प्रवृत्ती, प्रवाह आणि त्यांच्या वाडमय विशेषाचे ज्ञान विद्यार्थ्यांना प्राप्त झाले.
M.A.F.Y. **Sem.–I,Paper –II**	साहित्य समीक्षेची मुलतत्वे भारतीय साहित्य विचार व पाश्चात्य साहित्य विचार त्या संबंधीची माहिती विद्यार्थ्यांना साहित्याची संकल्पना प्रयोजने निमिती प्रक्रिया त्यातील ज्ञान प्राप्त झाले.
M.A.F.Y. **Sem.–I,Paper –III**	भाषा कौशल्य्, प्रसार माध्यमे व सृजनशिल लेखन प्रसारमाध्यमासाठी लेखन कौशल्य लेखनाची संहिता या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.F.Y. **Sem.–I,Paper –IV**	एका लेखकाचा विशेष अभ्यास : कै.यशवंतराव चव्हाण लेखकाचे समकालीन वाडमयीन पर्यावरण, साहित्य चळवळी व लेखकाचे लेखन कर्तृत्व या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III, Paper – IX**	वर्णनात्म्क भाषा विज्ञान मराठी भाषेचा शास्त्रीय अभ्यास, मानव व भाषा व्यवहार, भाषा व संस्कृती या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III,Paper–X**	आधुनिक मराठी वाडमयातील प्रवाह (दलित व आदिवासी साहित्य-ग्रामीण व स्त्रीवादी साहित्य) मराठी वाडमयातील विविध प्रवाह दलित, आदिवासी, ग्रामीण, स्त्रीवादी या संबंधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y.	लोकसाहित्य्

Sem.–III,Paper–XI	परंपरागत लोकांमध्ये रुढ असलेले मौखिक लोक वाडमय, लोककला, लोकगीत म्हणी वाक्यप्रचार या संबधीची माहिती विद्यार्थ्यांना मिळाली.
M.A.S.Y. **Sem.–III,Paper – XII**	मराठवाडयातील आधुनिक साहित्य मराठवाडयातील सामाजिक, सांस्कृतिक, ग्रामीण जीवनाचा मानवावर होणारा परिणाम व त्याचे साहित्यात उमटलेले पडसाद याचे ज्ञान विद्यार्थ्यांना झाले.
M.A.F.Y. **Sem.–II,Paper–V**	आधुनिक मराठी वाडमयाचा इतिहास (1961 ते 2000) आधुनिक मराठी वाडमयाच्या प्रेरणा, प्रवृत्ती, प्रवाह आणि त्यांच्या वाडमय विशेषाचे ज्ञान विद्यार्थ्यांना प्राप्त झाले.
Programme Outcome PG	**M.A.English**
Programme Outcome M.A.English	PSO1: The Course aims to give the students both the theoretical & practical foundation in data base management systems. PSO2: Students will also learn advanced concepts as well as new trends in the field. PSO3: The program is useful to all the Students English. PSO4:Literature is students essential to English PSO5:In English literature students will become totally matuas in every aspect of life. PSO6: English is an international language it is very useful to the students of English literature.
Cource Outcomes	
M.A.F.Y. Sem.–I Poetry	CO1: Students will be introduced to the process of poetic creation with its social – cultural and psychological nuances. CO2: Imagined and materialistic world will be introduced through English Poetry.
M.A.F.Y. Sem.–I Post Modernism	CO1: During the past quarter century a growing number of intellectuals have begun to proclaim an end of modern era and started themselves as already living in the post-modern era. CO2: Post modernism brings ideals like fracturing fragmentation, indeterminacy, and plurality as key postmodern concept. CO3: It is fragmentary discover. The students will be aware of such concepts as postmodern post- modernity, culture, architecture, and Spaces and will be able to comprehend to be what exactly separates post -modern from post-modernism and meta- modernism.
M.A.F.Y. Sem.–I Language Orientation: English Grammar	CO1: The student will be developed in practical skills in reading, writing and reasoning and research in both the traditional and electronic sources. CO2: The students will think critically and analytically, will communicate effectually and in a verity of context and promote their literary
M.A.F.Y. Sem.–I Research Methodology	CO1: The learner will be able to follow the eco system of research in his academic life & contribute in a healthy way for the research.
M.A.F.Y. Sem. II Drama.	CO1: The learner will understand the generat otring theoretically & practically with the close study
M.A.F.Y. Sem. II Indian	CO1: The leasnags community will be able comprehend the

Whiting English literature	language in wage by applying knowledge of Semantics. CO1: The learners community will be able to understand the grammatical meaning in their day to day discoveries.
M.A.F.Y. Sem. II Pragmatics	CO1: The students will be able to use the knowledge in their day today conversation & in different Context CO1: The student will comprehend the meaning of spoken & written text & also it will be benificial for their future endemers related to Projects & articles.
M.A.F.Y. Sem. II Research Methodology	The leashes will know the medals of tool far research. The course will help the learners to formulate the research.
M.A.S.Y. Sem. III Fretion	CO1: The learners will be able to come to knew the development of post War British fiction & Socio-religious & cultural contexts of the texts
M.A.S.Y. Sem. III ENGLISH Language Teaching	CO1: To enable the learners' to develop their Communicative & study skills. CO2: A Thorough grounding in all aspects for English Language Teaching & Learning.
M.A.S.Y. Sem. III Literary Theory	CO1: The course help the leamers to get familiarize with the tradition of literary criticism. It also makes the learner aware of some of the basic concepts of critical traditions also.
M.A.S.Y. Sem. III Research Methodology	CO1:The students would understand Marxian and Ambedkarite critical methodologies as research tools in literary studies. CO2:They will adopt psychoanalytical approaches in reading literary texts. CO3:The students will apply post structuralist, postcolonial and post modern methodologies in literary research. Co4:They would be able to analyze discourses, conversations with critical perspectives.
M.A.S.Y. Sem. IV NON FICTION	CO1: Non Fiction is based on true events, real life situations and factual information Through this course the students will be prepared to get the best of both worlds. CO2:They will be inspired by the great ideologues of the world and achieve their goal, aims and ambitions in life and develop constructive Humanist Ideology and approach leading towards this Ideology.
M.A.S.Y. Sem. IV INTRODUCTION TO DALIT LITERATURE	CO1:The students will be able to explore and critique the socio cultural and historical political roots of oppression of the Dalits and Marginalization. CO2: They would explore the possibilities of research in formulating a comprehensive Dalit Discourse. CO3:The students will learn to adopt the multidisciplinary modes of inquiry in research in Dalit studies. CO4:The students would understand the significance of Phule and Ambedkar's role in the movement of Dalit emancipation. CO5:They would learn to contribute creatively in the ongoing debates and discourses on Dalit issues. CO6:The students will also understand various creative articulations like Cinema and Drama apart from fictional and non-fictional writing.
M.A.S.Y. Sem. IV CRITICAL	CO1: The students will acquire critical perspectives while reading

THEORY	literary and cultural texts. CO2:They will understand Ambedkar's arguments regarding caste and socio-cultural and historical-religious realities while reading Indian cultural texts. CO3:They will acquire the ability to analyze the literary texts through various critical theoretical frameworks. CO4: They will understand the multidisciplinary dimension of literary texts. The students would also understand the political ideological position of the Feminist theory.
M.A.S.Y. Sem. IV Research Methodology writing a Deserttion	CO1: To supervise writing a research dissertation by the students. CO2: To provide opportunities to students for consultation, group presentation and revision if required and final presentation and submission of dissertation in 50 to 60 pages.
Programme Outcome	
PG - M.Sc. Informataion Techonology	
Cource Outcomes	
M.SC.I.T. F.Y. I Sem. Objrct Oriented Programming in C++	By the end of the course students will be able to Co1: write C++ programs using the more esoteric language features. CO2: utilize object oriented techniques to design C++ programs. CO3: use the standard C++ library. CO4: Exploit advanced C++ techniques.
M.SC.I.T. F.Y. I Sem. Couputer System Architecture	By the end of the course students will be able to CO1: to study the basis working & orgabuzatuin of various components of computer systems. CO2: students must aware of basics of digital electronics, microprocessor architecture, ALP.
M.SC.I.T. F.Y. I Sem. Operating System	By the end of the course students will be able to CO1: this Course explores the learners about orerating system & their components. CO2: This Covers the fundamental Functionality of Operating system like memory management, process of Management, I/O management, storage management. CO3: Make them ready to analyse the real perspective of operating system in network, distributed, parallel & multi core environment.
M.SC.I.T. F.Y. I Sem. Relational Database Management System	By the end of the course students will be able to CO1: To Provide students with an Understanding of the relational model, relational database design & SQL. CO2: Students will construct SQL queries using SQL. CO3:to Provide students with a working khnwledge of

	the underlying architecture & implementation of modern database system. CO4: students will study different concepts like, integrity constraints, indexing methods, transacting management, query progessing etc.
M.SC.I.T. F.Y. II Sem. Programming in Core Java	By the end of the course students will be able to CO1: The course provides students with the knowledge & skill needed to develop applications in Java for the microfist & sun platforms. CO2: the course focuses on fundamental concepts, designing user interfaces, program structure, language syntax & implementation details. Co3: this is the firest course in the Java certification Exam & will serve as the entry point for other Advance Java Courses.
M.SC.I.T. F.Y. II Sem. Software Engineering & CASE tools	By the end of the course students will be able to CO1: This course aims to give students both a teroretical & practical foundation in software engineering. CO2: In the theoretical part, students will learn about the principals and methods of software engineering. Omcluding cuttent & emerging software engineering practices and support tools. CO3: In the practical part students will become familiar with the development of software products form an industry perspective including generating of appropriate documents, under tight schedules and limited resourses. Co4: Become this is a writing component course, there will be heavy emphasis on written communication skills.
M.SC.I.T. F.Y. II Sem. Data Structure & Algorithms	By the end of the course students will be able to CO1: This course is designed for the students to learn principals of data structure, Algorithms & Understand Issues related to allocation of memory oprimization of Algorithms, time & Space complexity associated with algorithms, sorting , searching Algorithms applied on data structures. CO2: The Course coversfundamental data structures, including lists, stacks, queues, trees & graphs & it examines classic algorithms that use these structures for

	tasks such as sorting , searching, pattern maching & data Compression. CO3: Techniques for analyzing the efficiency of algorithms are also studied. Key notions of object-oriented programming, including encapsulation & abstract data types, are emphasized.
M.SC.I.T. F.Y. II Sem. Computer Network	By the end of the course students will be able to CO1: to study Vatious structure and topologies of communication mediums.
M.SC.I.T. F.Y. III Sem. Programming in Advanced Java	By the end of the course students will be able to CO1:This course assumes that students are aware of core java programming & hence it starts from threading and goes up to web programming. CO2: It covers some advance topics of reflections, appiets, swings, JDBC, Networking JSP & servlet.
M.SC.I.T. F.Y. III Sem. Decision Support System & Intelligent System.	By the end of the course students will be able to CO1:To provide the logic based frameworks for design & implementation of Decision Support system & intelligent system.
M.SC.I.T. F.Y. III Sem. Network Security	By the end of the course students will be able to CO1:To learn various techniques to secure information while traveling through different communication mediums.
M.SC.I.T. F.Y. III Sem. Elective I : XML Net	By the end of the course students will be able to CO1:XML is every where in the Microsoft. NET framework remoting to web services & from data access to configruration.
M.SC.I.T. F.Y. IV Sem. VB Net Technology	By the end of the course students will be able to CO1: The Course Provides students with the knoqledge & Skill needed to develop applications in Microsoft visual basis NET for the Microsoft NET platform. CO2: The Course focuses on user interface , Program , Structure, Language, Syntax & implementation Details. CO3: This is the first course in the Visual Basis NET Curriculum & will serve as the entry point for other NER Courses.
M.SC.I.T. F.Y. IV Sem. Major Project	By the end of the course students will be able to CO1: Provide extra practival knowledge.
M.SC.I.T. F.Y. IV Sem. Seminar	By the end of the course students will be able to CO1: Effective participative learning.

M.SC.I.T. F.Y. IV Sem. Elective II : Open source Web Programming Using PHP	By the end of the course students will be able to CO1: After Completion of course student can develop web application of open source platform & aware of Configuration of tools required to development of web application.