

INDEX

Sr. No.	Contents
1.	Programme Outcomes (POs)
2.	Course Outcomes (COs)
3.	Programme Specific Outcomes (PSOs)
4.	Documents regarding publicity of PO, CO to students

Course Outcomes (COs) Paper Wise

COURSE OUTCOME (CO)

INDEX

	Particular	Sr. No
cos	Agro Chemical and Fertilizers	I.
cos	Botany	2.
cos	Chemistry	3.
cos	Electronics	4.
cos	Physics	5.
cos	Mathematics	6.
cos	Zoology	7.
cos	Microbiology	8.
cos	Computer Science	9.
cos	B.C.A.	10.
cos	B.Sc. Computer Science	11.
cos	Commerce	12.
cos	English	13.
cos	Hindi	14.
cos	Marathi	15.
Cos	Urdu	16.
cos	History	17.
cos	Political Science	18.
cos	Economics	19.
cos	Psychology	20.
cos	Physical Education	21.
cos	Music	22.




Principal
Balbhim Art's Science & Commerce College, Beed

cos	Drama	23.
cos	Sanskrit	24.
cos	Public Administration	25.

Department of Agro Chemical and Fertilizers

Semester I

Course code: ACF/DSC-1 Title of Course: Organic Chemistry

- Understand some terms of organic chemistry.
- Perform qualitative analysis of organic compounds.
- Understand the synthesis and properties of organometallic compounds.
- Understand synthesis and properties of some heterocyclic compounds.

Course code: ACF/DSE-2: Title of Course: Laboratory course-I

- Understand the fundamental and experimental concept of organic qualitative analysis.
- Measure the pH of soil and water sample.
- Identify the name and properties of unknown organic compound.
- Synthesis of various derivatives of organic compounds.

Course code: ACF/GE/OE- 1 : Introduction to Fertilizers

- Know the advantages and disadvantages of different types of fertilizers.
- Understand types of fertilizers and its role on plant growth.
- Learn fertilizers requirements based on soil test reports.
- Apply the fertilizers as per crop requirement.
- Course code: ACF/SEC- 1 A: Water Analysis
- Aware about water constituent parameters and its adverse effect on human body.
- Understand the methods of determination of hardness of water.
- Learn the determination of various components of water.
- Aware the peoples about water analysis and its benefits.
- Starts water distillation plant and provide water testing services.
- Course code: ACF/SEC-2 A : practical's on Water Analysis




Principal
Balbhim Art's Science & Commerce College, Beed

- Able to do job as water analyst.
- Understand the methods of determination of TDS, BOD, COD of water.
- Learn the determination of various components of water.
- Starts water distillation unit and provide water testing services.

Semester II

Course code: ACF/GE/OE- 1: Introduction to Fertilizers

- know the advantages and disadvantages of different types of fertilizers.
- Understand types of fertilizers and its role on plant growth.
- learn fertilizers requirements based on soil test reports.
- Apply the fertilizers as per crop requirement.
- Course code: ACF/DSC-3: Soil Science
- Get the knowledge of soil and its importance.
- Understand the soil science, soil fertility management.
- Aware about soil productivity and soil conservation.
- Provide counselling regarding importance of soil testing to the farmers.

Course code: ACF/DSC- 4: Lab Course-2

- Learn the practical skill of soil analysis
- Helps in understanding the soil profile.
- Determine the available organic matter in soil.
- Starts their self-employment in water testing services.

Course code: ACF/VSC-1 A: Soil Analysis

- Understand the importance of soil testing.
- Select the appropriate fertilizer on the basis of soil testing report.
- Understand importance soil health card.
- Starts self-employment in soil testing services to the farmers.

Course code: ACF/VSC-2 A: Practical's on Soil Analysis

- Understand the importance of soil testing.
- Select the appropriate fertilizer on the basis of soil testing report.
- Understand importance of micro and macro nutrients in soil.




Principal
Balbhim Art's Science & Commerce College, Beed

- Analyze the soil by using soil testing kit.
- Start their self-business in soil testing for farmers.

Course code: ACF/GE/OE-02: Pest and Pesticides

- Understand the concept of pesticides and their classification based on chemical nature.
- Get knowledge about negative effects of chemical pesticides on environments and
- Safety with pesticides, first aids and antidotes.
- Analyze the prevention and control measures of pests using pesticides.
- Aware about pesticides and its adverse effects.

Semester III

Course code: ACF-311 Title of course: Soil Science

- Understand the soil science, soil fertility management.
- Get the knowledge of soil and its importance.
- Aware about Management of soil productivity
- Course code: ACF-312 Title of course: Biochemistry
- Understand the basic concepts of biochemistry and its importance.
- Identify the importance of biomolecules in life.
- Understand the chemical nature of biomolecules

Semester IV

Course code: ACF-411 Title of the Course: Diseases of Crops & Fungicides

- Understand the disease of crops and its types.
- Know the various fungicides.
- Agrochemicals and their role in different pollution.
- Course code: ACF-412 Title of Course: Insecticides and Herbicides
- Understand the insecticides and herbicides.
- Know the method weed control.
- Agrochemicals and their role in various pollution




Principal
Balbhim Art's Science &
Commerce College, Beed

- **Semester V**

Paper no.: XV Title of Course: Organic Manure

- Understand the importance of the Manure in farming
- Get the knowledge of goober gas technology and its importance
- Aware about organic farming

Paper no.: XVI Title of Course: fertilizers

- Understand the basic concepts of fertilizers and its importance
- Identify the importance of fertilizers in farming
- Understand the chemical nature of fertilizers

Semester VI

Paper no.: XVIII Title of Course: Plant nutrition and fruit preservation

- Understand the technique used by the preservation of fruits and vegetables
- Understand the importance of hydroponics technology
- To explain various methods of preservation for fresh fruits and vegetables
- To know the value -added products made from fruits and vegetables

Paper no.: XIX Title of Course: Agricultural technology

- To understand the green House concept and structure
- Understand the beekeeping will be useful in the pollination of the flora
- Able to understand the fisheries

Department of Botany

Course Outcomes

**B. Sc. I
Sem I and II**

Paper 111 – Diversity of Cryptogams – I




Principal
**Balbhim Art's Science &
Commerce College, Beed**

CO 1	Students may learn about the diversity of lower cryptogams, such as algae, fungi, bacteria, phytoplasm, and viruses.
CO2	Students may learn to identify cryptogams up to the generic level.
CO 3	Students may learn about the morphology, anatomy, and physiology of cryptogams.
CO 4	Students may learn about the reproduction and lifecycle patterns of cryptogams.
CO5	Students may learn about the ecological niches of cryptogams.
CO 6	Students may learn about the positive and negative values of cryptogams.

Paper 112 Morphology of Angiosperms

CO 1	Students can learn to identify and classify plants using taxonomic principles. They can also learn to identify common angiosperm species
CO2	Students can learn to make scientific illustrations of vegetative and reproductive plant structures. They can also learn how to scientifically image plants.
CO 3	Students can learn the importance of field study.
CO 4	Students can learn about the morphological and anatomical adaptations of plants that grow in different habitats.
CO5	Students can learn how botanical knowledge can be applied to improve crops.

Paper 211-Diversity of cryptogams-II




Principal
 Balbhim Art's Science &
 Commerce College, Beed

CO 1	Understanding of cryptogams: Students may learn about the diversity of higher cryptogams and bryophytes and pteridophytes.
CO2	Identification: Students may learn to identify cryptogams up to the generic level.
CO 3	Students may learn about the morphology, anatomy, and physiology of bryophytes and pteridophytes.

Paper 212-Histology , Anatomy and Embryology

CO 1	Knowledge regarding anatomy equipped the students to identify different types of tissues and make them able to correlate their physiology in a better way. Basic knowledge of plant internal architecture and cellular composition and reproduction
CO2	Understand how different plant tissue structures evolve and modify their functions with respect to the environment.
CO 3	Knowledge regarding embryology make them understand how reproduction play significant role in defining population structure, natural diversity and sustainability of ecosystem in a better way.

B. Sc. II Sem III and IV

Paper 311 – Taxonomy of Angiosperms

CO 1	To understand the diversity of angiosperms.
CO2	To understand the comparative account among the families of angiosperms.
CO 3	To acquaint with the systematic position of Genera's, Species and, Families.
CO 4	To develop knowledge about plant nomenclature.
CO5	To know the economic importance of the angiosperm plants.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO 6	To understand the distinguishing features of angiosperm families.
------	---

Paper 312-Plant Physiology

CO 1	To understand the various physiological life processes in plants
CO2	To understand about the various uptake and transport mechanisms in plants and are able to coordinate the various processes. They understand the role of various hormones, signalling compounds, thermodynamics and enzyme kinetics. During the course students will gain knowledge about various mechanisms such as channel or transport proteins involved in nutrient uptake in plants.

Paper 411 Gymnosperms and Utilization of Plants

CO 1	To understand about the general characteristics, economic importance, structure, reproduction, life cycle, and systematic position of gymnosperms.
CO2	To understand about the phylogeny from bryophytes to gymnosperms, and the evolution of sporophytes in bryophytes.
CO 3	Understand gymnosperm life cycle
CO 4	Understand about the life cycles of gymnosperm plants.
CO5	To understand about the unenclosed condition of gymnosperm seeds, which contrasts with the seeds and ovules of flowering plants




Principal
Balbhim Art's Science & Commerce College, Beed

CO 6	Gymnosperms have a survival advantage over angiosperms in extremely cold or dry conditions. This is due to the thick wax cuticle on the needles of conifers, which prevents dehydration.
------	--

Paper 412 Plant Ecology

CO 1	Students learn how plants interact with their physical and biotic environment, including how they obtain resources like light, water, and nutrients.
CO2	Students learn how to predict how ecological systems will respond to environmental changes by understanding how plants compete with each other.
CO 3	Students learn how to use the scientific method to integrate scientific disciplines, knowledge resources, and technologies to understand plant systems
CO 4	To understand the biochemical cycles.

**B. Sc. III
Sem V and VI**

Paper 511-Cell Biology and Molecule Biology

CO 1	Understanding cell structure and function
CO2	To understand about the structure and function of plant organelles, the plant cell wall, and the cytoskeleton.
CO 3	Understanding plant carbohydrate
CO 4	To understand about the characterization and evaluation of plant carbohydrates, which are used for building cell walls, respiration, and transportation.
CO5	Understanding plant nutrient uptake and metabolism



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

CO 6	To understand about the uptake and metabolism of nitrogen and other nutrients in plants.
CO 1	To understand about cellular processes and mechanisms that lead to physiological

Paper 512 B-Plant Breeding and Seed Technology

CO 1	Understanding the principles of seed technology and plant breeding: Students learn the principles of seed technology and plant breeding, and how to apply them to improve crops.
CO2	Seed production and quality control: Students learn how to produce, process, and control the quality of seeds.
CO 3	Seed testing: Students learn about seed testing and germination percentage
CO 4	Seed legislation: Students learn about seed legislation, seed acts, and seed processing.

Paper 611-Genetics and Evolution

CO 1	Understanding the science of heredity: Students learn about the role of genes in evolution and the science of plant breeding.
------	---



[Signature]
Principal
 Balbhim Art's Science &
 Commerce College, Beed

CO2	Learning about linkage, segregation, and mutation: Students learn about how these processes affect genes during evolution.
CO 3	Studying the techniques for producing new crop varieties: Students learn about the techniques used to produce new crop varieties that are superior.
CO 4	Studying the evolution of living organisms: Students learn about the evolution of living organisms.
CO5	Students learn about the significance of genetically modified organisms and how to create new genetic variation.
CO 6	Students learn about the most important molecular methods used to expand understanding of biology.
CO 7	Students learn how to present hypotheses and conduct molecular and cell-based research programs to confirm or reject hypotheses.
CO8	Students learn how to design, execute, and analyze the results of molecular markers in gene manipulation systems.

Paper 612B-Economic Botany	
CO 1	Explain the taxonomic diversity of useful plants.
CO2	To understand the plant as a food source.
CO 3	To have Knowledge of plants and plant products which are used as human diet.
CO 4	To describe the multinational practices of oil seeds, timber, fibres and drug yielding plants.
CO5	To acquire an increased awareness and appreciation of legumes and millets.

M.Sc. Botany

Sem I and II

BOT/ MJ/UD 500– Cell and Molecular Biology



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

CO 1	Understanding cell structure and function
CO2	To understand about the structure and function of plant organelles, the plant cell wall, and the cytoskeleton.
CO 3	Understanding plant carbohydrate
CO 4	To understand about the characterization and evaluation of plant carbohydrates, which are used for building cell walls, respiration, and transportation.
CO 5	Understanding plant DNA replication, transcription, Translation in plant cells.
CO6	To understand about the uptake and metabolism of nitrogen and other nutrients in plants.

BOT/ MJ/UD 501-Biology and Diversity of Algae & Bryophytes

CO 1	Comprehend the diversity of lower cryptogams Algae, and vascular cryptogams- Bryophytes.
CO2	Collection and study of algae, Bryophytes from different localities, Identification up to generic level.
CO 3	Recognize the morphology, anatomy , physiology, reproduction and lifecycle pattern.
CO 4	Their diversification and familiarize with various ecological niche. → Positive and negative values

BOT/ MJ/UD 502 Taxonomy of Angiosperms

CO 1	To understand the diversity of angiosperms.
CO2	To understand the comparative account among the families of angiosperms.



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

CO 3	To acquaint with the systematic position of Genera's, Species and, Families.
CO 4	To develop knowledge about plant nomenclature
CO 5	To know the economic importance of the angiosperm plants.
CO6	To understand the distinguishing features of angiosperm families.


BOT/ MJ/UD 513 Advanced Plant Physiology & Biochemistry-I

CO 1	Students will understand the structure and function of carbohydrates, amino acids, proteins, and lipids
CO2	Students will learn about the metabolites synthesized by plants.
CO 3	Students will learn about the principles and working of different physiological techniques.
CO 4	Students will understand the growth analysis in plants, causes of dwarfism, morphological, physiological factors in growth and yield of plants

BOT/ MJ/UD 506 Horticulture Techniques

CO 1	Demonstrate a working knowledge and appreciation of the diversity of plants, their culture and utilization.
CO2	Apply horticultural principles to the successful growth and production of horticultural plants.
CO 3	Demonstrate the knowledge, skills and attributes to be successful contributing members of the horticulture profession.
CO 4	Recognize and apply ethical professional practices to horticultural applications
CO 5	Synthesize and integrate information to solve horticultural problems.
CO6	Be a critical "consumer" of information; understand the relevance and scientific basis of content they read and hear.
CO 7	Communicate effectively within the discipline and also be able to transmit knowledge and skills to lay-persons in the general public.




Principal
Balbhim Art's Science &
Commerce College, Beed

BOT/ RM/UD 549-Research Methodology	
CO 1	Demonstrate the ability to choose methods appropriate to research aims and objectives.
CO2	Understand the limitations of particular research methods
CO 3	Develop skills in qualitative and quantitative data analysis and presentation
CO 4	Develop advanced critical thinking skill
CO 5	Demonstrate enhanced writing skills

BOT/ MJ/UD 550 -Cytology and Genetics	
CO 1	<p>Cell structure and function</p> <p>Students learn about the structure and function of plant cells and cell organelles, cell membranes, microfilaments, and microtubules. They may also learn how cells communicate with each other and how cells grow and die.</p>
CO2	Genetics: Students learn about Mendelian and non-Mendelian genetics, how to apply genetics to understand gene interactions, and how to apply genetics to understand inherited disorders and population genetics.
CO 3	They may also learn about how the environment interacts with genetic factors, and how to detect chromosomal aberrations in humans.

BOT/ MJ/UD 551- Plant Development and reproduction	
CO 1	To make the students acquainted with the fundamentals and present understanding of the mechanisms associated with development, differentiation and structure of various plant organs.
CO2	Foster the metabolic and physiological changes occurring in them along with the environmental impact.





Principal
Balbhim Art's Science & Commerce College, Beed

BOT/ MJ/UD 552 Biology and Diversity in Fungi and Microbe	
CO 1	Students will understand the characteristics of fungi, their economic and pathological importance, and their role in plant pathogens
CO2	Students will understand the diversity of microbes, their systematic, morphological, and structural characteristics, and their life cycle patterns.
CO 3	Students will understand the ecological and economic significance of lichen, and role of microorganisms in biogeochemical cycles.
CO 4	Students will be able to identify common plant diseases and their control measures.
CO 5	Students will gain knowledge of concepts and techniques for identification, and learn about extremophilic microbes and archaea

BOT/ MJ/UD 556 Botanical Techniques	
CO 1	Botanical microscopy technique's study helps scientists to study plants and their uses, which can impact many fields, including science, medicine, and cosmetics.
CO2	Botanists use their knowledge of plant structure, interactions with the environment, and plant diseases to help farmers grow stronger crops, more beautiful flowers, and more sustainable agricultural forests
CO 3	To gain the knowledge about legal permissions for collection of biological material and plant collection and preservation, Herbarium preparation
CO 4	Knowledge about plant material sampling for phytochemistry, DNA fingerprinting, tissue culture.

BOT/ DSE/UD 563 Advanced Plant Physiology & Biochemistry-II	
CO 1	To understand the photosynthesis and plant productivity




Principal
Balbhim Art's Science & Commerce College, Beed

CO2	To understand the concept of Biomass and its use in energy production
CO 3	To understand preparation of silage and its fermentation.
CO 4	To understand the growth analysis in plants.
CO 5	To understand the concept of Green Crop Fractionation, Preparation of LPC and its suitability in human diet.

M.Sc. II yr (IIIInd IV Sem)

BOT/ MJ/UD 600-Biology and Diversity of Pteridophytes and Gymnosperms	
CO 1	To know about morphological, anatomical and developmental patterns in the pteridophytes and gymnosperms.
CO2	Thallus and wood anatomy, Mechanical tissues (Collenchyma, Sclerenchyma, Stone cells and Xylem) , Secretary tissues (Mucilage Canals, Resin canals, Nectarie's, and oil glands), laticifers (Latex cells and Vessels).
CO 3	Economic values of the lower plants.

BOT/ MJ/UD 601: Plant Ecology and Conservation	
CO 1	Able to analyze various types of ecosystems, correlate different ecosystems.
CO2	Analyze the threat and suggest conservative measures.
CO 3	The students are also trained in the environmental impact analysis
CO 4	Able to analyze, monitor various physical, chemical and biological properties of soil water and air.




Principal
Balbhim Art's Science & Commerce College, Beed

BOT/ MJ/UD 602 Plant Biotechnology	
CO 1	Students will understand the structure and function of carbohydrates, amino acids, proteins, and lipids
CO2	Students will learn about the metabolites synthesized by plants.
CO 3	Students will learn about the principles and working of different physiological techniques.
CO 4	Students will understand the growth analysis in plants, causes of dwarfism, morphological, physiological factors in growth and yield of plants

BOT/FP/ UD/ 649 OJT/ FP/ Internship	
CO 1	Design the experiments of his interest and execute it
CO2	Trained in handling of the basic and advance instruments
CO 3	Generate the data, compile and analyze and interpret the data.
CO 4	Presentation skill is developed in the students
CO 5	The student is ready to work in any R&D setup.

BOT / MJ/UD 650 Bioprospecting and Resource Utilisation	
CO 1	Understand the need of plant tissue culture
CO2	Understand the different techniques of plant tissue culture
CO 3	Understand the application of basic knowledge of PTC in various fields for conservation, medicine, product development etc.

BOT -503 Bioprospecting and Resource Utilisation	
CO 1	Understand core concepts of Economic Botany and relate with environment, populations, communities, and ecosystems .




Principal
Balbhim Art's Science & Commerce College, Beed

CO2	Develop critical understanding on the evolution of concept of organization of apex new crops/varieties, importance of germplasm diversity, issues related to access and ownership.
CO 3	Develop a basic knowledge of taxonomic diversity and important families of useful plants.
CO 4	Understand the common cultivation methods of microalgae including photobioreactors and open ponds, Seaweed bioresources etc.
CO 5	Appreciate the diversity of plants and the plant products in human us.
CO 6	Understand the concept of IPR, various legal issues related to IPR.
CO7	Exploring the potential of Marine bioresources, Microbial , medicinal plants etc.
CO 8	Various phytochemical techniques, industrial process, pharmacogenetic procedures, authentication of specimens, Preservation of plants and plants products

BOT/ MJ/UD 651- Pharmacognacy

CO 1	To identify and classify various medicinal plants based on their morphological and anatomical characteristics, as well as their chemical constituents.
CO2	To gain the knowledge about the different classes of secondary metabolites (alkaloids, glycosides, etc.) found in medicinal plants and their role in drug activity.
CO 3	To study various extraction techniques (e.g., maceration, distillation) and purification methods (e.g., chromatography) to isolate active compounds from plant sources.





Principal
Balbhim Art's Science & Commerce College, Beed

BOT/ MJ/UD 652- Plant Physiology and Metabolism	
CO 1	To understand the importance of water in plant life and the mechanisms involved in water and solute movement within plants
CO2	To understand the role of essential minerals in plant nutrition, including their uptake, transport, and the symptoms of mineral deficiencies.
CO 3	To understanding of the light and dark reactions of photosynthesis, as well as the processes of aerobic and anaerobic respiration, including ATP synthesis.
CO 4	To understand to analyze the biochemical reactions involved in nitrogen and lipid metabolism within plants.
CO 5	To understand the Nitrogen metabolism and lipid metabolism
BOT/ MJ/UD /656 – Genetic Engineering and Bioinformatics	
CO 1	To use genetic engineering tools in crop improvement.
CO2	Use the Bioinformatics toll in biological data analysis
CO 3	Able to explain the methods used for characterizing and managing biological data.
CO 4	Classify different types of Biological Databases.

BOT/ MJ/UD 663-Advanced Plant Physiology & Biochemistry-IV	
CO 1	To understand the role of Nucleic acids,transformation,transduction, Transcription
CO2	To understand the senescence and aging ,Microbial physiology, carbohydrate metabolism,
CO 3	To understand the physiological changes in seed germination, seed dormancy.




Principal
Balbhim Art's Science & Commerce College, Beed

CO 4	To understand the preparation of IFM ,compost, ,vermicompost., biofertilizers weed management
CO 5	To understand ,how to apply biostatistical tests to solve different botanical and agricultural plants.
CO 6	To understand enzyme production its extraction, purification

BOT/FP/ 699 FP	
CO1	Design the experiments of his interest and execute it .
CO2	Trained in handling of the basic and advance instruments
C03	Generate the data, compile and analyze and interpret the data.
C04	presentation skill is developed in the students.
C05	The student is ready to work in any R&D setup

Department of Chemistry

Course Outcomes of B. Sc. Chemistry

B.Sc. I Semester I DSC-1 Fundamental of Chemistry

Course Outcome:

Upon successful completion of course student will able to know

- 1) To develop critical thinking about the atomic structure.
- 2) Understand the structure of atom and distribution of electron.
- 3) Understand the variation of periodic properties.
- 4) Understand the basic concept of organic chemistry.
- 5) Students will learn fundamental of thermodynamics.

B.Sc. I Semester I DSC-2 Laboratory Course-I

Course Outcome:




Principal
Balbhim Art's Science & Commerce College, Beed

- 1) To consistently follow established SOPs for various chemical experiments.
- 2) Acquire skills in common techniques preparation and purification of organic compounds. Assess the effectiveness of purification techniques
- 3) Develop precision in measuring and recording physical constants
- 4) Analyze the relationship between melting/boiling points and purity.
- 5) Develop skills in recording and reporting experimental procedures and results
- 6) To prepare solution of desired concentration.

B.Sc. I Semester I SEC-1 A Water treatment and Analysis

Course Outcome:

- 1) Resources and properties of water.
- 2) Understands the different pollutants.
- 3) To understand treatment of industrial and domestic water,
- 4) Understand the source of water pollution.

B.Sc. I Semester II DSC-3 Fundamental of Chemistry-2

Course Outcome:

- 1) Identify the type of bond.
- 2) Predict the shape and geometry of bond.
- 3) To understand the factor affecting the ionic bond.
- 4) Identify the type of isomerism.
- 5) Apply the CIP rule for nomenclature.
- 6) Solve the numerical on order of reaction.

B.Sc. I Semester II DSC-4 Laboratory Course-II

Course Outcome:

- 1) Acquire skill in common technique for volumetric estimation.
- 2) Asses the effective purification technique.
- 3) Develop the precision measuring and recording physical constant.
- 4) To determine viscosity of given liquid (water/ ethanol) by viscometer.
- 5) To determine surface tension of given liquid by stalagmometer.

B.Sc. I Semester II VSC-1 B Soap and detergents

Course Outcome:

- 1) Can gain information about soap.
- 2) Can acquire knowledge of basic concept of soap and detergents.
- 3) Get hands training of analysis of soap and detergents.
- 4) Award about environmental aspect of detergents.
- 5) Development of skill for detergents liquid soap and laundry soap.




Principal
Balbhim Art's Science &
Commerce College, Beed

B.Sc. Sem-III Paper No– V- CHE-311 Organic Chemistry

Course Outcome:

Upon successful completion of course student will able to know

1. Understand Basics of functional group.
2. To study the acid and acids derivatives
3. To study the aromatic compounds
4. Understand the stereochemistry of carbon and its compounds.
5. Student should understand the importance of the organic chemistry

B.Sc.II Sem-III Paper No– VI- CHE-312 Physical Chemistry

Course Outcome:

Upon successful completion of course student will able to know

- 1) Understand the techniques of surface chemistry.
- 2) Understanding phase equilibrium.
- 3) Understanding the material science.
- 4) Understanding the concept quantum chemistry.
- 5) To understand photochemistry and its various laws.
- 6) To understand the fundamental principles of quantum mechanics.
- 7) To understand the postulates of quantum mechanics.

B.Sc.II Sem-III Paper No– V- CHE-321 Physical Chemistry

Course Outcome:

1. The laboratory course enable students to handle instruments like digital conductometer, digital potentiometer, pH-Meter, colorimetry
2. And able to perform various conductometric, potentiometric experiments to find out the ionisation constant of weak acid, rate constants of chemical reaction, equivalence point by pH metry,
3. To understand Lambert Beer law by colorimetry, and to study chemical kinetics of various reaction by titration method.




Principal
Balbhim Art's Science & Commerce College, Beed

B.Sc.II Sem-III Paper No– VI- CHE-322 Organic Chemistry

Course Outcome:

1. The laboratory course enables students to study experimentally the qualitative detection solid and liquid organic compounds from binary mixture.
2. To learn experimentally the quantitative estimation of organic compounds by titration method, and learn the various name reaction by performing preparation of various reaction
3. To estimate to physical constant and monitor the reaction by TLC.

B.Sc. II year, Sem-IV Paper No.: CHE-411 Inorganic Chemistry

Course Outcome:

1. Discuss the properties of coordination compounds
2. Categorize Coordination Compounds
4. Students should know Isomerization in coordination compounds
5. Effective Atomic Number Theory and Werner Complexes
6. To discuss Valence Bond Theory, Structure and bonding in inner orbital and outer orbital complexes.
7. Relate Valence Bond Theory and Hybridization
8. Discuss the crystal field splitting in octahedral, tetrahedral and square planar complexes.
9. Discuss the splitting of d-orbital in Oh ligand field of weak and strong field ligand.
10. Discuss the oxidation number, single electron potential, electrochemical series.
11. Student should understand source of electric energy in galvanic cell, hydrogen over voltage, oxygen over voltage.
12. Student should understand the basic requirement of titration reaction, standard solution, volumetric titration, acid base titration, redox titration, EDTA titration, correction for unavoidable errors.
13. Student should understand the importance of the elements in medicine.

B.Sc. II year, Sem-IV Paper No.: CHE-412 Applied Chemistry

Course Outcome:

1. Discuss the Simple Harmonic oscillator, Modes of vibration, Vibrational spectrum of diatomic molecules, Selection rule.
2. Student should understand the interpretation of IR Spectra, functional group and fingerprint region, Vibration- rotation Spectra, Born-Oppenheimer approximation.




Principal
Balbhim Art's Science &
Commerce College, Beed

3. To discuss and solved the problems on IR spectra of alkanes, alkenes and simple alcohols (inter and intramolecular hydrogen bonding), aldehydes, ketones, carboxylic acids and their derivatives (effect of substitution on $>C=O$ stretching).
4. Student should understand the Classical and Quantum theory of Raman Effect, Rayleigh, Stokes and anti-stokes lines, pure rotational Raman spectra of linear diatomic molecules.
5. Student should understand the qualities of good dye, Colour constituents (Chromophore, auxochrome) and important of dyes in routine life.
6. Student should understand the importance of Pigments and their application in routine life.
7. Student should understand the polymer and their synthetic application
8. Student should understand the terms Average molecular weight of polymer, Number average molecular weight (M_n), Weight average molecular weight (M_w), Number average molecular weight by end group analysis, Viscosity average molecular weight by viscometrical method, kl Molecular weight distribution and its significance, polydispersity index.
9. Student should understand the cosmetics and their various applications in routine life.

Paper No.: XIII Physical Chemistry

Course Outcome:

- 8) Deep understanding of Atomic and Molecular structure.
- 9) Enhanced Analytical and mathematical skills.
- 10) Development of Conceptual Thinking and Imagination.
- 11) Understand the techniques of how unknown molecules are identified.
- 12) Understanding how electronic transitions are take place.
- 13) Understanding the material science.
- 14) Understanding the relation between structure and properties.
- 15) Understanding spectroscopic properties.
- 16) To understand the fundamental principles of quantum mechanics.
- 17) To understand the postulates of quantum mechanics.
- 18) To solve Schrodinger's wave equation.

Paper No.: CHE-421 Practical-V (Inorganic Chemistry)

Course Outcome:




Principal
Balbhim Art's Science &
Commerce College, Beed

- 1) Essential for student to gain hands-on experience and solidify their understanding of theoretical concepts.
- 2) Students may synthesize compounds, demonstrating their understanding of chemical reactions and processes.
- 3) Students analyze results, interpret data and draw conclusions about the compounds or reactions studied.
- 4) Understanding the behavior and characteristics of inorganic substances, as well as developing laboratory skills.
- 5) Understand the determination of the quantity of a substance.
- 6) Understanding the quantitative aspects of chemistry and developing meticulous laboratory skills.
- 7) To understand the difference between Qualitative and Quantitative Analysis.
- 8) To understand the Design and Development of experimental setup and procedure, for Gravimetric Analysis of chemical compounds.
- 9) To understand the importance of accuracy and precision in measurement of chemical analysis.
- 10) To apply grassed knowledge in chemical analysis of unknown sample.

Paper No.: CHE-422 Practical-VIII (Applied Chemistry)

Course Outcome:

- 1) Understand the determination of Hardness of Water.
- 2) Understand the estimation of tablet's content.
- 3) Understand the quantitative estimation of sugar.
- 4) Understand the process how dye is removed.
- 5) Understanding core chemistry principles.
- 6) Understanding the application of chemical knowledge and principle in real-word settings especially in industrial, environmental, and technological fields.

B.Sc.III Sem-V Paper No – XV Lab. Course-V

Course Outcome:

Upon successful completion of course student will able to know

1. Separation and identification of organic Mixtures .
2. Estimation of transition metal by chemical methods.
3. Multistage organic synthesis and spectroscopic analysis
4. To acquire knowledge on principle and different techniques of organic synthesis
5. To prepare various classes of organic compounds and purification methods,




Principal
Balbhim Art's Science &
Commerce College, Beed

6. To understand quantitative analysis and develop experimental skill.

B.Sc.III Sem-V Paper No: – XIV Organic Chemistry

Course Outcome:

Upon successful completion of course student will able to know

1. Understand the organometallic compounds.
2. Understand the electronic spectra of transition metal complexes
3. To study concept of NMR spectroscopy.
4. To study the organic synthesis techniques.
5. To gain knowledge on characterization of organic compounds using physical methods and spectroscopic analysis NMR spectra.
6. To study the chemistry behind the fats and detergents.
7. To study the different oils and its double bond.

B.Sc.III Sem-V Paper No– XVI Inorganic Chemistry

Course Outcome:

Upon successful completion of course student will able to know

1. Understand the concept of metal and ligand.
2. Understand the electronic spectra of transition metal complexes.
3. To study the organometallic compounds.
4. Understand the concept of bio-inorganic compounds
5. To understand micro and macro elements in biological system.
6. Understanding the chromatography techniques.
7. To understand the difference between Qualitative and Quantitative Analysis.

Paper No.: XVII Organic Chemistry

Course Outcome:

1. To develop a deep understanding of organic molecules and their reactions.
2. Understand the structure, reactivity and applications of heterocycles.
3. To understanding the carbohydrate chemistry, structure and biological significance of




Principal
Balbhim Art's Science & Commerce College, Beed

carbohydrates.

4. To understand the fundamental knowledge of polymer, synthesis of polymer and its applications.
5. Understand the synthesis method of dyes and drug, to identification of structure of drug, biological application.

Paper No.: XVIII Lab Course- VI

Course Outcome:

1. To understanding of the applications of chemistry from a physical perspective.
2. To understand the laboratory skills, precaution and accuracy.
3. To handling the various instruments
4. To handling the conductivity meter, potentiometer.
5. To study the electrolytic reaction.

Course Outcomes of M. Sc. Organic Chemistry

M.Sc. I Paper CHET/MJ/502 Organic Chemistry

Course Outcome:

1. Understand the chemical and molecular process in organic reactions.
2. Study the concept of alternant and non-alternant hydrocarbons.
3. Study the energy level of π -molecular orbital.
4. Explain the concept of aromaticity.
5. Know the type of mechanism in organic reactions.
6. Understand the correlation between the thermodynamic and kinetic parameter.
7. Study the different intermediates involve in organic chemical reactions.
8. Learn the various type of aliphatic nucleophilic substitution reactions.

M.sc-I Semester: I Physical Chemistry-1 CHETE/MJ/-503 DSE-4

Course outcomes: Students will be able

1. To understand the fundamental principles of chemical kinetics.
2. To learn different theories of chemical kinetics.




Principal
Balbhim Art's Science & Commerce College, Beed

3. To understand concept of fast and slow reactions based on their rate constant and reaction rates.
4. To understand the concept of thermodynamics.
5. To apply critical thinking and problem-solving skills to solve problems related to thermodynamics and chemical kinetics.
6. To understand the basic concept

M.sc-I Semester: I Inorganic Chemistry Lab Course-1 DSC-5 CHEL/MJ/- 504

Course outcomes:

On completion of this course, the students will be able

1. To understand the concept of qualitative and quantitative chemical analysis and their chemical reactions and constituents.
2. To understand the design and development of experimental setup and procedure, for volumetric and gravimetric analysis of chemical compound.
3. To identify constituents of chemicals qualitatively and quantitatively
4. To understand importance of accuracy and precision in measurement of chemical analysis
5. To apply grasped knowledge to solve chemical analysis related issues of stakeholder.
6. To understand importance of laboratory skills, precaution, accuracy and precision.
7. To separate and identify acidic & basic radicals from chemical sample.
8. To apply the grasped knowledge in chemical analysis of unknown sample

M.sc-I Semester: I Organic Chemistry Lab Course-1 CHEL/MJ/- 505 DSC-6

Course Outcome:

On completion of this course, the students will be able

1. Understand the separation and purification techniques
2. Understand various steps involved in the identification of organic compounds
3. Understand the handling of equipment required for the analysis of organic compounds.
4. Understand the stoichiometry of the reaction
5. To check the purity of the compound using TLC
6. To check the Melting point




Principal
Balbhim Art's Science &
Commerce College, Beed

Physical Chemistry Laboratory Course-1 CHEL/MJ/-506 DSC-7

Course Outcomes :

On completion of this course, the students will be able :

1. To analyse sample by various instrumental techniques
2. To handling of electronic equipment
3. To understand laboratory skills, precaution, accuracy and precision.
4. To design experimental procedure for analysis important chemicals & samples
5. To understand the physical properties of chemicals
6. To distinguish the physical accuracy of results in instrumental and non-instrumental methods.

Analytical Chemistry-2CHETE/SE/-507 DSE-1

Course Outcomes :

After completion of course Students will be able :

1. To define the different regions of an electromagnetic radiation.
2. To understand the interaction/ transition of the matter with different region of electromagnetic radiation
3. To define basic elements of spectroscopic technique.
4. To calculate the wavelength at which a molecule show maximum absorption of UV-visible radiation.
5. To interpret the ultraviolet-visible spectrum
6. To define the bands in the IR spectrum due to fundamental frequency, and overtones, combination bands and Fermi resonance
7. To define the vibrational frequency of a particular bond
8. To calculate the vibrational frequency of a particular bond
9. To interpret the infrared spectrum
10. To predict the structure using UV-visible and IR spectrum

Inorganic Chemistry-2 CHETE/SE/-508 DSC-2

Course Outcomes :

On completion of this course, the students will be able :




Principal
Balbhim Art's Science & Commerce College, Beed

1. To understand how to perform symmetry operation to chemical molecules.
2. To identify the symmetry elements based on structure of molecules.
3. To apply the knowledge of concept of symmetry element and operations and centre, axis and planes symmetries possessed by an object/ orbitals/ molecule.
4. To identify & classify point group of molecules.
5. To apply knowledge of group theory to understand properties of molecules, character of matrix, product of symmetry operations, reducible and irreducible representations.
6. To use knowledge of character of representations to designate appropriate Mulliken symbols.
7. To calculate the appearance of irreducible representation by correlating relation between IRs, RRs and order of group.
8. To evaluate and predict the product of symmetric and asymmetric representations and new irreducible representation.
9. To identify modes of molecular vibrations of chemical compounds.

Organic Chemistry-2 CHETE/SE/509 DSE-3

Course Outcome:

After completion of the course Student will be able to

- 1) Understand the concept of stereochemistry
- 2) Know the Stereochemical notations
- 3) Know the difference between stereospecific and stereoselective reactions
- 4) Study the stereochemistry of some Chiral molecules like Biphenyls, allenes and Spirants
- 5) Acquire the knowledge of various methods of resolution
- 6) Understand stereochemistry of the compounds containing Nitrogen, Sulphur and phosphorus
- 7) Know about enantiomeric and diastereomeric excess




Principal
Balbhim Art's Science &
Commerce College, Beed

Physical Chemistry-2 CHETE/SE/510 DSE-4

Course Outcome :

After completion of the course Student will be able to

- 1) To Understand the concept of ionic equilibria , dissociation constant, buffer solution and solubility products.
- 2) To calculate dissociation constant, pH, pOH, pKa, pKb of acidic and basic solutions.
- 3) To understand the theories of electrolytes,electrocapillary phenomenon and its properties.
- 4) To understand the concept of surface tension of liquid and curved surfaces.

Drug Chemistry Course Code : CHETE/SE/511DSE-5

Course Outcome :

After completion of the course Student will be able to

- 1) Understand about oxidation reaction in organic chemistry using different reagents.
- 2) Know about oxidative cleavage of carbon-carbon double bonds using different reagents.
- 3) Know about catalytic reduction, reduction using hydride ion transfer reagents and so on.
- 4) Predict the product by the action of different oxidizing and reducing agents.

Paper No.: CHE/RM-512 Research Methodology

Course Outcome:

- 1) Understand the basic concept of research methodology
- 2) Know recent trends in chemical research
- 3) Acquire the fundamental knowledge of various characterization techniques.
- 4) Apply the characterization techniques via ;XRD, SEM,TEM,UV,IR,NMR and Mass spectrometry in research.
- 5) Discuss methods of scientific research and writing scientific papers.

M.Sc. II

Sem-III Paper No.: OCHET-600 Structural Elucidation by Spectral methods

Course Outcome:

- 1) To understand Nuclear Magnetic Resonance.
- 2) To build up effective information about various coupling shift reagent
- 3) To be familiar with ^{13}C NMR Spectroscopy




Principal
Balbhim Art's Science &
Commerce College, Beed

- 4) To understand Mass spectroscopy, factor affecting on fragmentation of different functional group
- 5) To understand problems on UV, IR, Mass, ^1H , ^{13}C spectroscopy.

Sem-III Paper No.: OCHET-601 Reagents Organic Synthesis
Course Outcome

- 1) To understand behaviour of various organic functional group
- 2) To understand oxidation and reduction and its reaction with mechanism
- 3) To understand ylide and its synthetic application.
- 4) To get information of different type of enamines.

MSc. II Sem III Paper No. OCHET-602 Pericyclic reactions & Free radicals Reaction
Course Outcome:

- 1) To understand electro cyclic reactions.
- 2) To understand stereo chemical aspects.
- 3) To study cycloaddition reactions, superficial and antra facial interactions.
- 4) Understand selection rules for shifts.
- 5) To acquire knowledge on photochemical reactions, transitions and sigma tropic rearrangements.

MSc. II Sem III Paper No. OCHEL-603 Organic Chemistry Laboratory Course
Course Outcome:

1. To understand the multistep organic synthesis
2. Explore the theoretical Knowledge to predict mechanism of reaction
3. Explore the purification technique
4. Allow carry out various reaction
5. Determine the overall yield

MSc. II Sem III Paper No. OCHEL-604 Organic Chemistry Laboratory Course
Course Outcome:

1. Understand the use of green chemistry principles
2. Explore the microwave and ultrasound irradiation technique




Principal
Balbhim Art's Science & Commerce College, Beed

3. Explore the purification technique
4. Carry out various reaction
5. Utilize the knowledge spectroscopic technique.

MSc. II Sem III Paper No. OCHETE-605 Photochemistry and Green chemistry
Course Outcome:

1. Understand the photochemical and thermal reaction
2. Classify the various types of photochemical reaction.
3. Predict the stereochemical outcome of photochemical reaction.
4. Understand the concept of green chemistry.
5. Utilize the knowledge of Microwave and ultrasound assisted reaction.

MSc. II Sem III Paper No. OCHETE-606 Synthetic organic chemistry
Course Outcome:

- 1) Understand the types of reaction and rearrangement.
2. Predict the application of named reaction
3. Allow to utilize the concept of carbon-carbon single bond and multiple bonds.
4. Understand the concept of multicomponent reaction.

MSc. II Sem III Paper No. OCHERP-649 Research Project-I
Course Outcome:

1. Know how to carry out literature survey by various search engine.
2. Handle various chemicals, solvents , instruments. Etc
3. Perform reaction amend monitoring the reaction.
4. Purification technique.
5. Understand the structure of organic compounds.

MSc. II Sem IV Paper No. OCHTE-650 organic synthesis and retrosynthetic approach.

Course Outcome:

- 1) To understand the basic concept of retrosynthetic approach.
- 2) To understand the use of protecting groups.
- 3) To learn the principles and technologies used in the disconnection approach, the utility of protecting group strategy in organic synthesis and retro synthetic analysis.
- 4) Understand ring synthesis, rearrangements and photochemical synthesis.
- 5) To understand the synthetic routes based on retrosynthetic analysis.




Principal
 Balbhim Art's Science &
 Commerce College, Beed

MSc. II Sem IV Paper No. OCHTE-651 Chemistry of Natural Products and asymmetric synthesis.

Course Outcome:

- 1) Understand the concept of structure elucidation of natural compounds.
- 2) Build the synthesis scheme of natural products and bioactive molecules.
- 3) Analyze the stereochemistry of drugs molecules.
- 4) Apply the knowledge of biosynthesis in total synthesis of organic molecules.
- 5) Design the new synthetic methodology
- 6) Encouragement to explore new drugs.
- 7) Understanding the basis of traditional medicine.
- 8) Enhanced the understanding of organic chemistry.
- 9) Understand the concept of involved in asymmetric synthesis.

MSc. II Sem IV Paper No. OCHTE-652 Heterocyclic Chemistry

Course Outcome:

1. Classify heterocyclic compounds and their nomenclature.
2. Understand the physical and chemical properties of heterocyclic compounds.
3. Apply the knowledge of heterocyclic chemistry.
4. Explore principle involved in cycloaddition and cycloisolation reactions.
5. Investigate chemical behaviour of small ring heterocycles
6. Distinguish the aromatic and homoaromatic compounds using spectral data.

MSc. II Sem IV Paper No. OCHEL-653 Organic Chemistry Laboratory Course

Course Outcome:

1. Understand the principle involved in separation and purification technique.




Principal
Balbhim Art's Science &
Commerce College, Beed

2. Analyse the functional group of organic compounds.
3. Understand the principle involved separation of ternary mixture
4. Students will possess both theoretical knowledge and practical skills necessary for advanced work in organic chemistry.
5. To develop synthesis of complex molecules and the application of modern analytical techniques.

MSc. II Sem IV Paper No. OCHETE-654 Introduction to medicinal Chemistry
Course Outcome:

1. Understand the basic concept of drug discovery
2. Students will develop a deep understanding of the drug absorption and bioavailability.
3. To know the Mechanism of drug action.
4. To know the detail contents of various drugs.
5. To get detailed information about synthesis and utilities of the various drug molecules which are used to treat various diseases.
6. Understand the concept of Pharmacokinetics and pharmacodynamics.

MSc. II Sem IV Paper No. OCHEL-653 Organic Chemistry Laboratory Course
Course Outcome:

1. Understand the classification of drugs.
2. Explore the knowledge of Pharmacokinetics and pharmacodynamics
3. Understand the mode of action of drugs.
4. Explore the knowledge of synthetic organic chemistry to drug synthesis.

MSc. II Sem IV Paper No. OCHERP-699 Research Project-II
Course Outcome:

1. Know how to carry out literature survey using various search engine and database.




Principal
Balbhim Art's Science &
Commerce College, Beed

2. Research Planning and Design
3. Handle various chemicals, solvents, instruments and others.
4. Perform reactions monitoring by TLC.
5. Purification techniques.
6. Understand the structure of organic compounds y using spectral techniques.
7. Critically evaluate the research findings and their implications for the field of chemistry.

Department of Electronics

DSC – 3: Digital Electronics – I

Course Outcomes (COs):

After completion of course, students will be able to--

- Apply the basic concepts of number system logic gates and combinational logic circuits to solve the complex problem in electronics circuits.
- Analyze various logic gates and combinational logic circuits to identify various issues in digital networking.
- Design various digital circuits using logical gates and combinational logic circuits.
- Design and develop a cost-effective digital device based on adder and subtractor.

VSC-1: (ii) Power Supplies


Course Outcomes (COs):

After completion of this course, student will be able to-

- Understand various components used in power supply.
- Understand the specification, use of Inverter and UPS.
- Analyze various types of power supplies
- Design and develop a power supply.

GE/OE-2: Electrical Equipment Maintenance-II




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Outcomes (COs):

Upon the completion of this course, students will demonstrate the ability to.

- Understand the principle of operation of Electrical appliances.
- Identify and describe the various aspects of Electrical appliances and their functions.
- Differentiate between types and specifications of Electrical appliances.
- Demonstrate knowledge of maintenance practices and troubleshooting methods for Electrical appliances

B.Sc. 2nd year (Sem IV)

ELE-411 Communication Electronics

Course Outcomes:

On Completion of this course the students will be able to:

- Analyze analogue communications in time domain and frequency domain.
- Distinguish between different analogue modulation techniques.
- Understand the importance of noise considerations in communication systems.

ELE-412: 8086 Microprocessor Interfacing

Course Outcomes:

At the end of the course, students will develop ability to-

- Perform input/output device interfacing/programming in assembly,
- Understand the memory organization and interfacing,
- Understand the hardware and software interrupts and their applications.
- Understand the properties and interfacing of the parallel and serial ports,

B.Sc. 3th year (Sem VI)




Principal
Balbhim Art's Science & Commerce College, Beed

ELE-611 B3: Sensors and Systems

Course Outcomes

After completion of the course, students will be able to

- Appreciate the operation of various measuring and control instruments which they encounter in their respective fields.
- Visualize the sensors and the measuring systems when they have to work in areas of interdisciplinary nature and also think of sensors and sensors systems when for a new situation they encounter in their career
- Identify and select the right process or phenomena on which the sensor should depend on.
- Know various stimuli that are to be measured in real life instrumentation

ELE-612 B4: Advanced Microcontroller

Course Outcomes:

After completion of this course students will be able to-

- Demonstrate a comprehensive understanding of the ARM architecture, including its instruction set, pipeline structure, and memory organization.
- Develop embedded software using the C programming language for ARM-based microcontrollers, including writing code for device drivers, real-time operating systems, and application-level software. +
- Use debugging tools and techniques to identify and debug software and hardware issues in ARM-based embedded systems, as well as optimize code for performance and memory usage.




Principal
Balbhim Art's Science &
Commerce College, Beed

ELE-613-SEC-4 G (Skill Enhancement Course)

Design and Fabrication of PCB

Course Outcomes:

After completing the course, the students will be able to

- Understand basics of PCB.
- Know about the PCB design technology.
- Know about different soldering techniques.

Department of Physics

B.Sc. I Year

Paper Code & Name: DSC-1: Mechanics and Properties of Matter

- Understand Newton's laws of motion.
- Recognize different forces existing in nature and their physical significance.
- Acquire deep knowledge of physical quantities such as elasticity, viscosity and surface tension.
- Develop the capacity to investigate and analyse daily problems related to mechanical movement.

Paper Code & Name: DSC-2: Practical's Based on DSC-1 (Mechanics and Properties of Matter)

- Understand gravitational acceleration through pendulum analysis and learn material stiffness and viscosity determination techniques using various setups.
- Explore rotational dynamics through flywheel experiments for moment of inertia and torsional property analysis.
- Develop instrument precision skills via least count analysis, crucial for physics and related field pursuits.




Principal
Balbhim Art's Science & Commerce College, Beed

Paper Code & Name: SEC-1: Medical Physics

- i. Understand the principles, applications, and usage of various medical equipment including thermometers, glucometers, ECG machines, and X-ray machines for diagnostic purposes in healthcare settings.
- ii. Comprehending the principles and components of Computed Tomography (CT) systems, including image reconstruction, acquisition techniques, and factors influencing image quality.
- iii. Develop a comprehensive understanding and proficiency in various image acquisition techniques, advanced imaging methods, safety protocols, and their applications in planning radiotherapy treatments.

SEC-2: Practical's Based on SEC-1 (Medical Physics)

Paper Code (in words): SEC-2

- i. Acquire practical skills in healthcare monitoring, including using glucometers for blood sugar levels, stethoscopes for pulse rates, and measuring blood pressure, body temperature, weight, and oxygen levels.
- ii. Develop proficiency in analysing diagnostic imaging results from X-rays, CT scans, and MRIs to draw conclusions about potential health conditions.
- iii. Enhance understanding of healthcare assessment techniques and diagnostic interpretation, facilitating comprehensive healthcare evaluation.

DSC-3: Optics

Paper Code (in words): DSC-3

- i. Acquire the basic concept of optics and its applications.
- ii. Explain how image formation takes place in lenses.
- iii. Understand the operations of many modern optical devices.
- iv. Understand the optical phenomenon such as interference and diffraction.

DSC-4: Practical's Based on DSC-3 (Optics)

Paper Code (in words): DSC-4

Course Outcomes (COs):




Principal
Balbhim Art's Science & Commerce College, Beed

- i. Understanding of interference and diffraction phenomena through hands-on experimentation.
- ii. Appreciation of practical applications of optical instruments across various scientific disciplines.
- iii. Proficiency in conducting precise measurements and observations using optical instruments.
- iv. Analyse experimental results critically and compare them with theoretical expectations.

B. Sc. Second Year Physics (Semester-III) Statistical Physics and Relativity)

CO1:	<p>Show an analytic ability to solve problems relevant to statistical mechanics.</p> <p>Can explain the procedures for deriving the relation between thermodynamic parameters such as pressure, temperature, entropy and heat capacity from the distribution functions. Can apply the methods of statistical physics in other fields of physics and related fields.</p> <p>Demonstrate knowledge and broad understanding of Special Relativity.</p>
-------------	---

B. Sc. Second Year Physics (Semester-III) (Modern and Nuclear Physics)

Course Code: PHY-312

CO1:	<p>Able to explain the factors influencing photoelectric effect, explain the experimental setup and apply it for applications.</p> <p>Understand the fundamentals of lasers, laser systems, their characteristics and diversified applications including industry, medicine and Defence use this knowledge for applications of lasers in specific fields of their interest.</p> <p>Demonstrate the ability to critically evaluate the results in nuclear and particle physic. Identify the strengths and limitations of various nuclear models.</p>
-------------	---



[Signature]
Principal
 Balbhim Art's Science &
 Commerce College, Beed

B. Sc. Second Year Physics (Semester-III) Title of the course: SEC-1(A) Medical Physics
Course code: SEC-313

CO1:	<p>To learn the construction of X-ray generator, Explain different types of radiation, their sources/properties.</p> <p>The basic principles and working of CT, MRI and Ultrasound Imaging.</p> <p>Able to provide adequate knowledge about the medical testing equipment.</p> <p>Able to transfer knowledge and skills to students as well as younger professionals.</p>
-------------	---

B. Sc. Second Year Physics (Semester-III) Title of the course: SEC-1(B) Sensor and Instrumental Physics Course code: SEC-313

CO1:	<p>Describe primary blocks of an Instrumentation System and Qualities of Measurement.</p> <p>Classify physical measurement backgrounds.</p> <p>Select transducers as per application demand.</p> <p>Identify terminals of industry grade transducers.</p> <p>Describe operation of basic transducers employed for industrial process parameter monitoring applications.</p>
-------------	---

B. Sc. Second Year Physics (Semester-IV) (Semiconductor and digital Electronics)
Course code PHY-411

CO1:	<p>Basic semiconductor devices.</p> <p>Various transistor basing techniques and detailed study of Single stage amplifier.</p> <p>How amplifier can be converted into oscillator.</p> <p>Importance of Op-amp and its various circuits.</p> <p>Number systems, Logic gates and Boolean Algebra.</p>
-------------	--



[Signature]
Principal
Balbhim Art's Science & Commerce College, Beed

B. Sc. Second Year Physics (Semester-IV) (Condensed Matter Physics)**Course code PHY-412**

CO1:	Expose students to the basic concepts in condensed matter physics. Recognize common crystal structures. Explain the physics of different types of bonds and Bonding in solids Describe electrical conduction in crystals. Thermal properties of solids. The details study of Hall effect.
-------------	--

B. Sc. Second Year Physics (Semester-IV) Title of the course: SEC-2(C) Renewable energy**Course code: SEC-413**

CO1:	Know the need of renewable energy resources, historical and latest developments Discuss wind energy conversion systems and explain sources of geothermal energy. Describe different biogas plants and working of different gasifiers. Explain the working principle of different fuel cells and ocean thermal energy conversion systems. Compare Solar, Wind and bio energy systems, their prospects, advantages and limitations.
-------------	---

B. Sc. Second Year Physics (Semester-IV)**Title of the course: SEC-2(D) Physics Workshop Skill Course code: SEC-413**

CO1:	At the completion of this course, the student should be. The students to familiar and experience with various mechanical and electrical tools through hands-on mode.
-------------	---




Principal
Balbhim Art's Science &
Commerce College, Beed

B. Sc. Third Year Physics (Semester V) (Classical and Quantum Mechanics)**Course Code: PHY-511**

CO1:	Idea and concepts in classical physics Basic concepts in vibrational principle and Principle of Least Actions. Difference between classical and quantum mechanical theory and approach Linear Vector Space, operators and tools to calculate Eigen values Various techniques to solve time dependent and time independent Schrodinger equations using different coordinate systems.
-------------	---

B. Sc. Third Year Physics (Semester V) (Electrodynamics) Course Code: PHY-512

CO1:	The difference between static and dynamical systems Maxwell's equations and time-varying fields Gauges in electrodynamics, retarded potentials and its applications Radiation from time varying source, Warged particle dynamics and relativistic electrodynamics
-------------	--

B. Sc. Third Year Physics (Semester VI) (Atomic and Molecular Physics) Course code PHY-611

CO1:	Gain the thorough understanding of the basic structure of hydrogen like atoms Learn the selection rules for two-electron atoms and many-electron atoms Apply various molecular spectroscopy principles Apply knowledge of physics to become successful in national level examinations.
-------------	---

B.Sc. Third year Physics (Semester-VI) Non-conventional energy sources and Optical fibre**Course code PHY-306**

CO1:	Students will develop a comprehensive understanding of various non-conventional energy sources such as biomass, wind, tidal, ocean, geothermal, and
-------------	---




Principal
Balbhim Art's Science &
Commerce College, Beed

	<p>solar energy. They will also learn the working principles and applications of biogas plants and wind turbines, including their different types (VAWT, HAWT) and the merits and limitations of wind energy.</p> <p>Fundamental knowledge of photovoltaic systems, focusing on the principles of solar cells, including the semiconductor materials, P-N junctions, and electron-hole pair generation by photon absorption. Students will gain insight into the fundamentals and importance of optical fibres, the classification of optical fibres.</p>
--	---

M.Sc. Physics

Course: Quantum Mechanics-II

Course Code (in words): PHYT/MJ/600

Course Outcomes:

1. Students will understand and apply both time-independent and time-dependent perturbation theories to solve complex quantum systems.
2. Students will explain and apply the principles of quantum statistics to systems of identical particles, including bosons and fermions.
3. Students will understand and apply the principles of the WKB approximation, including the derivation and use of connection formulae.

Course: Mathematical Methods in Physics-II

Course Code : PHYT/MJ/601

Course Outcomes:

1. Master the basic elements of complex mathematical analysis, including the integral theorems, obtain the residues of a complex function and to use the residue theorem to evaluate definite integrals.
2. Solve ordinary differential equations of second order that are common in the physical sciences.




Principal
Balbhim Art's Science & Commerce College, Beed

3. Expand a function in terms of a Fourier series, with knowledge of the conditions for the validity of the series expansion.
4. Apply integral transform (Fourier and Laplace) to solve mathematical problems of interest in physics, use Fourier transforms as an aid for analyzing experimental data.
5. Solve partial differential equations of second order by use of standard methods like separation of variables, series expansion (Fourier series), and integral transforms.

6. Solve some simple classical variational problems.

Course: Classical Mechanics-II

Course Code (in words): PHYT/MJ/602

Course Outcomes:

1. Students learn about Lagrangian and Hamiltonian formulation of Classical Mechanics.
2. State the conservation principles involving momentum, angular momentum and energy and understand that they follow from the fundamental equations of motion.
3. Have a deep understanding of Newton's laws.
4. Students learn about motion of a particle under central force field.

Course: Statistical Mechanics-II

Course Code (in words): PHYT/MJ/603

Course Outcomes:

1. After learning this course students analyze transport phenomena.
2. Formulate and solve problems which involve setting up stochastic models.
3. Understand renewal theory and branching processes with applications.
4. Recognize common probability distributions for discrete and continuous variables.
5. Apply methods from algebra and calculus to derive the mean and variance for a range of probability distributions.




Principal
Balbhim Art's Science & Commerce College, Beed

Course: Microwaves

Course Code (in words): PHYT/DSE/604

Course Outcomes:

1. Design transmission line for any microwave frequency.
2. Able to analyze limitations and applications of microwave tube and solid\state generators.
3. Able to discriminate different microwave components and find their applications and use it in supporting systems.
4. Able to conduct experiments by use of microwave components and interpret the data accordingly.
5. Able to apply theory and practical knowledge of microwaves in respective fields.
6. Design transmission line for any microwave frequency.

Course: Computational Methods in Physics

Course Code (in words): PHYT/MJ/650

Course Outcomes:

1. Enhanced ability to address appropriate physical problems using theoretical analysis and computational skills.
2. To provide opportunities for scientific study and creativity within a global context that will stimulate and challenge students.
3. To develop an ability to analyze, evaluate and synthesize scientific information.




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Name: Electrodynamics

Course Code: PHYT/MJ/651

Course Outcomes:

1. Explain classical electrodynamics based on Maxwell's equations including its formulation in covariant form.
2. Solve problems involving the calculation of fields, the motion of charged particles, and the production of electromagnetic waves.
3. Analyze the solution of these problems in the context of a range of applications.

Course Name: Renewable Energy

Course Code: PHYT/MJ/652

Course Outcomes:

1. Apply knowledge of mathematics, science, and technologies to solve real-life problems.
2. Design and conduct experiments, as well as analyze and interpret data.
3. Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. Function on multidisciplinary teams.
5. Identify, formulate, and solve engineering problems.
6. Understand professional and ethical responsibility.
7. Understand the impact of technological solutions in a global, environmental, and societal context.
8. Engage in independent learning and recognize the need for continual professional progress.
9. Use the techniques, skills, and modern technological tools necessary for technological practice.




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Name: Advanced Sensor Technology

Course Code: PHYT/DSE/653

Course Outcomes:

1. Classify sensor materials and technologies.
2. Analyze the system based on sensors and actuators.
3. Design experiments for sensor calibration.
4. Develop sensor devices and sensor networks.

Department of Mathematics

DSC-1 : Calculus

Course Outcomes: After successful completion of this course. The student will be able to

- Find derivative of hyperbolic, inverse hyperbolic functions and nth derivatives of given functions.
- Find the Maclaurin's series expansion of functions.
- Find the partial derivatives of functions.
- Determine areas of plane regions, length of curves and volume of solid of revolution.

DSC-2 : Lab Course -I

Course Outcomes: After successful completion of this course. The student will be able to

- Find derivative of hyperbolic, inverse hyperbolic functions and nth derivative of given functions.
- Find the Maclaurin's series expansion of functions.
- Find the partial derivatives of functions.
- Determine areas of plane regions, length of curves and volume of solid of revolution.

SEC -1A : Combinatorial Mathematics

Course Outcomes: After successful completion of this course. The student will be able to

- Apply permutations and combinations.
- Find the number of circular permutations.
- Find the number of ways of selection out of given things.




Principal
Balbhim Art's Science &
Commerce College, Beed

- Apply pigeonhole principle and inclusion-exclusion principle.

GE/OE-1: Business Mathematics-I

Course Outcomes: After successful completion of this course. The student will able to

- Apply knowledge of ratios and proportions.
- Apply currency and discounts to business.
- Identify the functions and linear functions.
- Apply the identified functions to cost and profit.

DSC-3 : Differential Equations

Course Outcomes: After successful completion of this course. The student will able to

- Determine the solution of first order linear differential equations.
- Determine the solution of exact differential equations.
- Determine the solution of linear equations with constant coefficient using general and short method.
- Determine the solution of linear homogeneous differential equations.

DSC-4 : Lab Course -II

Course Outcomes: After successful completion of this course. The student will able to

- Determine the solution of first order linear differential equations..
- Determine the solution of exact differential equations..
- Determine the solution of linear equations with constant coefficient using general and short method.
- Determine the solution of linear homogeneous differential equations.

VSC -1B : Basic Statistics

Course Outcomes: After successful completion of this course. The student will able to

- Determine the mean, mode, median and deviation for the given data.
- Apply the concepts of probability..

GE/OE-2: Matrices

Course Outcomes: After successful completion of this course. The student will able to

- Apply the operations of matrices.
- Apply the properties of matrices.
- Find the determinant of square matrix and minors.
- Solve system of equations.




Principal
Balbhim Art's Science &
Commerce College, Beed

➤ **Course Outcome (CO's) for B.Sc.II year**

➤ **Differential Equations**

-
- CO1: Determine solution of first order linear differential equation
- CO2: Determine solution of exact differential equation
- CO3: Determine solution of linear equation with constant coefficient using general and short method
- CO4: Determine solution of linear homogeneous differential equation
-

➤ **Laplace and Fourier Transform**

-
- CO1: Determine Laplace transform for various functions and understand the properties of Laplace transforms
- CO2: Determine inverse Laplace transform, properties of inverse Laplace Transform, and solve the problems using convolution theorem
- CO3: Determine Fourier transform and understand the properties of Fourier transform, Fourier sine and cosine transforms
- CO4: Apply Laplace transform to find solutions of differential equations.
-

➤ **Mechanics-I**

-
- CO1: Describe different types of forces, triangle law of forces, Parallelogram of forces, resultant of forces, sine rule and cosine rule
- CO2: Explain resultant of several co-planar forces, equation of the line of action of the resultant, equilibrium of a rigid body under three co-planar poles
- CO3: Explain Lami's theorem and polygon of forces
- CO4: Explain vector moment of a force and vector moment of couple and describe basic concepts of center of gravity and its applications

➤ **Partial Differential Equations**

- CO1: Solve Lagrange's equation
- CO2: Find different types of solutions like complete integral, Singular integral and general integral
- CO3: Determine the solution of partial differential equations using Charpit's Method
- CO4: Describe Monge's Method, Method of transformation




Principal
Balbhim Art's Science &
Commerce College, Beed

➤ Numerical Analysis

- CO1: Describe Finite Differences and apply Newton's Formulae for Interpolation
- CO2: Explain and apply Lagrange's and Newton divided difference formula for interpolation
- CO3: Apply Gauss interpolation formulae, Stirling's and Bessel's formulae for interpolation
- CO4: Apply numerical differentiation and numerical quadrature formulae.
-
-

➤ Mechanics-II

- CO1: Find velocity and acceleration in terms of vector derivatives, curvature, Angular speed and angular velocity
- CO2: Describe Radial and Transverse components of velocity and acceleration, areal speed and velocity
- CO3: Explain Newton's Law of motion, angular momentum, work, energy, vector point function, Field of force.
- CO4: Describe motion under gravity, projectile, Motion of projectile, Parabola of safety, motion in resisting medium, areal velocity of central orbit, Pedal's equation.

Course Outcome (CO's) for B.Sc.III year

Abstract Algebra

After completing the course, students will be able to

- Identify the various algebraic structures with their corresponding binary operations.
- Generalize the groups on the basis of their orders, elements, order of elements and group relations.
- Compare two groups of same orders on the basis of isomorphism Criteria.
- Compute the possible subgroups of given group of specific orders and will recognize them.




Principal
Balbhim Art's Science &
Commerce College, Beed

Real Analysis

After completing the course, students will able to

- Understand the concept of series of real numbers, convergence and Divergence.
- Understand the definition of Metric Space and continuous function on metric space and difference between open sets and closed sets.
- Define Riemann integral and its properties and also Fourier Series and its application

Ordinary Differential Equations

After completing the course, students will able to

- find the solution of linear differential equation of first and second order.
- Students understand the initial value problem and its solutions.
- Students know the concept Wronskian of solution.
- Students can find singular point and regular singular point of the differential equation

Course Outcome (CO's) for M.Sc.II year

Functional Analysis

After completing the course, students will able to

- To study various fixed point theorems.
- To study spectrum of normal and self-ad joint operators.
- To study open mapping theorem and closed graph theorem.
- To prove the existence of solutions of various equations.

Partial Differential Equations

After completing the course, students will able to

- To find the solutions of PDE
- To analyze and classify the second order PDE.
- To find the general solution of PDE by using Jacobi's method Charpit's Method.
- To find the canonical forms

Numerical analysis

After completing the course, students will able to

- To find solutions of a given equation as well as given system of equations.
- To find interpolating polynomials using the various interpolating methods.
- To apply methods of differentiation and integration.




Principal
Balbhim Art's Science &
Commerce College, Beed

Python Programming

After completing the course, students will able to

- To write string, list, tuple.
- To write Input output functions.
- To use looping statements and conditional statements.
- To apply matrices in Python Programming language.

Operation Research-I

After completing the course, students will able to

- To identify the type of LPP.
- To find the solution of LPP.
- To solve assignment and transportation problems in industry.

Research Project-I

After completing the course, students will able to

- To apply the method to solve the considered real world problem:
- To write a report on the project to various agencies.

Linear Integral Equations

After completing the course, students will able to

- To identify the type of linear integral equations.
- To apply and solve the various types of linear integral equations.

Mechanics

After completing the course, students will able to

- To classify the equation of motions, Hamilton's equations and principle of least action.
- To find the extremals of the functional by using Euler's equation.

Fractional Calculus

After completing the course, students will able to

- To find fractional derivative and integrals of some elementary functions.
- To find the solution of fractional differential equations.
- To prove the existence and uniqueness results.

Operation Research-II

After completing the course, students will able to




Principal
Balbhim Art's Science & Commerce College, Beed

- To solve the dynamic Programming and nonlinear Programming problems.
- To solve replacement problems, network scheduling and PERT & CPM
- To find the shortest path and critical path for a given problem.

Research Project-II

After completing the course, students will able to

- To apply the method to solve the considered real world problems.
- To write a report on the project to various agencies.

Department of Zoology

B.Sc. Zoology

Animal Diversity- I&-II

- They acquire the knowledge of all the invertebrates and their biodiversity in detail.
- They grasp the small microscopic animals like protozoa, their evolution and phylogeny.
- They yield the knowledge of some Parasitic protozoa and Arthropoda, their structure and diseases with preventive measures and its cure.
- They harvest the knowledge of different molluscan animals, their shells, use of the shells in different industries and ornaments

Animal Physiology

- They understand the basic unit of life and its components along with its function and coordination among the cells
- They know the histological techniques of making slides of tissues, staining them with different dyes Gain the knowledge of DNA and RNA.
- After first Semester students are aware of the basic structure and different parts of the Microscope, their use, how to handle it, focus it.
- Knowledge of Simple Microscope, Compound Microscope, Light Microscope, Phase Contrast Microscope and Electron Microscope is gained by students They are also imparted with the knowledge of different types of cancer, its types, causes, Preventive measures and its cure.

Genetics

- They gain knowledge of basic concepts of genetics, genes and the Laws of Mendel
- They come by with the basics of genetic disorders, gene mutation and its causes and some inborn diseases caused by genes in adults and infants
- They also come across with the cross breeding in plants and interbreeding between different species in animals




Principal
Balbhim Art's Science & Commerce College, Beed

- They clinch up with the DNA structure and genetic code, protein synthesis, negative feedback mechanism and how Information is stored on DNA.

Developmental Biology

- The concepts of early development of animals. And scope.
- To develop a critical appreciation of methodologies those, use to study the process of embryonic development in animals.gametogenesis ,fertilization and cleavage.
- The basic concepts related to embryonic development and to understand the basis of life of animal. General topics of chick and mammal embryology. Structures of sperm ,ovum.
- Their types functions and pattern.

Haematology

- The different types of compounds in human blood .
- T •he different techniques of used in blood cells .
- The different composition and functions of blood .
- The various groups of blood.

Biochemistry and Endocrinology

- Human body performs N number of functions, but for each function there is need of some command and instructions which are given by Hormones produced by pituitary gland and controlled by Hypothalamus, this makes the students Pioneer in the practical happenings in their own body and other animals.
- They are able to judge and know the functioning of their own body and other animals
- They enrich with the different endocrine and exocrine glands, their structure, function, their diseases and deficiency, cause and cure.
- Thorough cognition of enzymes, proteins, lipids, fats, carbohydrates, sugars, cholesterol, their role in functioning the body and diseases related to them and their cure and prevention

•Ecology and Evolution

- First students come to know the meaning of the small word Ecology which has a vast widespread importance
- They understand the different Ecological Niches
- They are able to realize the Natural Selection Process which is continuously going on the earth's surface
- Evolution of human from the very single cell bacteria is understood here
- They have thorough knowledge of Extinction of Species. Natural Selection and Evolution




Principal
Balbhim Art's Science & Commerce College, Beed

Helminthology I & II

- Students are aware of most of the diseases in the earth's surface, but here they acquire knowledge the parasites which are spreading these diseases
- From cough and cold to Malaria, Typhoid, Kala azar, AIDS and other v spread by protozoa and helminth parasite are expertise by students.

Department of Microbiology

MBN 111: Fundamentals of Microbiology

Learning Objectives of the Course: The students will gain knowledge about the Development

of Microbiology as a scientific discipline, also they will know the principles of microscopy,

taxonomy and kinds of different microorganisms.

CO1: Understanding the History of Microbiology: Gain knowledge on Historical perspectives of Microbiology.

CO2: Microscopy Techniques: understand the concepts of Microscopy and get acquainted to

various microscopic methods.

CO3: Taxonomy and Classification: Understand the concept of taxonomy, familiarize with classification systems and characteristics of bacteria used for classification.

CO4: General Characteristics of Microorganisms: Know general features of various kinds of microorganisms

MBN 121: Lab Course - MBN 111

Learning Objectives of the Course:

- i) The students will Get acquainted with many microbiological instruments.
- ii) They will develop understanding of basic microbiological experimental procedures.
- iii) They will acquire understanding of sterilization, incubation, inoculation etc..

CO1: Gain knowledge on Historical perspectives of Microbiology




Principal
Balbhim Art's Science & Commerce College, Beed

CO2: Understand the concepts of Microscopy and get acquainted to various microscopic methods.

CO3: Understand the concept of taxonomy, familiarize with classification systems and characteristics of bacteria used for classification.

CO4: Know general features of various kinds of microorganisms

SEC-1/MBN 113: Biosafety

Learning Objectives of the Course:

The students will gain knowledge about the various biotechnological concepts viz:

- i. Biosafety guidelines,
- ii. Biohazards, GMO, Risk analysis etc.

Course Outcomes (COs):

CO1: Understanding Biosafety Principles: Students will develop a comprehensive understanding of the principles and importance of biosafety in laboratory and industrial settings. They will learn about the risks associated with biological materials and the need for containment measures.

CO2: Biohazard and Biosafety Levels: Students will become familiar with the classification of biohazards and the guidelines and regulations for working with different types of biological agents, including bacteria, viruses, genetically modified organisms, and toxins.

CO3: GMOs and LMOS: Students will understand the principles and regulations surrounding

the use of genetically modified organisms (GMOs) and living modified organisms (LMOs). They will be aware of the ethical, environmental, and regulatory considerations associated with GMOs and LMOS.

CO4: Risk Assessment: Students will be able to conduct risk assessments to determine the




Principal
Balbhim Art's Science & Commerce College, Beed

potential hazards associated with specific biological materials, research projects, or processes

MBN 122: Biosafety (Practical Based on MBN113) Learning Objectives of the Course:

The students will gain knowledge about;

- The biosafety guidelines
- Biohazards
- GMO
- Risk analysis by using personal protective equipment's.

Course Outcomes (COs):

CO1: Understanding Biosafety Principles: Students will get to know the importance of in laboratory and industrial settings. They will learn about the risks associated with materials and the need for containment measures through properly handling of lab.

CO2: Biohazard and Biosafety Levels: Students will become familiar the guidelines and for

working with different types of biological agents, including bacteria, viruses, modified organisms, and toxins.

CO3: Disposable lab consumables: Simultaneously students will get to know the proper disposal lab consumables.

Department of Computer Science

Course Outcomes

B.Sc.-I Year

Semester I

Paper No I Computer Fundamental	
LO1	Students who complete this course successfully will acquire:
LO2	Knowledge of computer fundamental, CPU and its functionalities.




Principal
Balbhim Art's Science &
Commerce College, Beed

LO3	Understanding of block diagram of hardware peripherals
LO4	Understanding the number of system and its conversion between different numbers of system
LO5	Understanding the computer-based application such as email and video conferencing
Paper No II Digital Electronics	
LO1	To impart Knowledge in digital logic and circuit and to introduce concepts of data communication
LO2	Student will be able to learn concepts of digital logic and the design of basic logic circuits using commonly used combinational and sequential circuits.

Semester II

Paper No I Operating Systems	
LO1	To introduce students the basic functioning of operating systems as resource manager and its salient features.
LO2	To study about process states, scheduling, memory and I/O management techniques.
Paper No II Programming in C	
LO1	To expose students to algorithmic thinking and problem solving and import moderate skills in programming using in c language in an industry-standard.
LO2	Introduce students to learn basic features, create, execute simple C programs using conditional statements, loops and arrays.

Semester III

Paper No I Data Structure	
LO1	To provide fundamental knowledge of data structure and how they are organized/ arranged in computer memory.
LO2	To provide knowledge on how data structures are implemented and processed.
LO3	To familiarize with basic techniques of algorithms analysis.




Principal
Balbhim Art's Science & Commerce College, Beed

LO4	To equip with the implanted techniques of complex algorithms of insertion, deletion and modification of data stored in various data structure.
Paper No II Advance C Programming	
LO1	To obtain in depth knowledge of C language.
LO2	To understand advanced features of C Programming Language.
Paper No III HTML Programming	
LO1	To obtain in skill regarding the web development and its related application.
LO2	To understand advanced features HTML

Semester IV

Paper No I DBMS with SQL	
LO1	To understand the different issues involved in the design and implementation of a database system.
LO2	To study the physical and logical database design, database modeling relational hierarchical and network models.
LO3	To understand and use data manipulation language to query update and manage a database.
LO4	To design and build a system simple database system and demonstrate completeness with the fundamental task involved with modeling, designing and implementation of a dbms. Upa level.
Paper No II Object oriental programming using C	
LO1	To expose student to concept of object-oriented programming using C++
LO2	Student will elaborate the algorithmic thinking and problem solving with impart moderate skills in programming using C language in an industry standard.
LO3	Introduce students to learn basic features of C language design and execute the C programming dynamically.
Paper No – III PHP Programming	




Principal
Balbhim Art's Science & Commerce College, Beed

LO1	Upon successful completion of this course, student will understand the basic concept of PHP based web development.
LO2	The student will elaborate their programming knowledge for web design and development.
LO3	The php subject will support student for designing and development of large-scale websites for real time application.

Course Outcomes

B.Sc.-I (Computer Science) Year

Semester I

Paper No I Computer Fundamental	
LO1	Students who complete this course successfully will acquire:
LO2	Knowledge of computer fundamental, CPU and its functionalities.
LO3	Understanding of block diagram of hardware peripherals
LO4	Understanding the number of system and its conversion between different numbers of system
LO5	Understanding the computer-based application such as email and video conferencing
Paper No II Digital Electronics	
LO1	To impart Knowledge in digital logic and circuit and to introduce concepts of data communication
LO2	Student will be able to learn concepts of digital logic and the design of basic logic circuits using commonly used combinational and sequential circuits.
Paper No III Operating System -I	
LO1	Gain knowledge of systems software, Program and process
LO2	Understanding types of OS, Basic functions of OS and Evolution of OS
LO3	Understand the concept of process control block and threads




Principal
Balbhim Art's Science & Commerce College, Beed

LO4	understand recipe scheduling non primitive and primitive scheduling algorithm.
LO5	Understand the concept of synchronization and deadlock
Paper No – IV Mathematical foundation	
LO1	Propositional function statements well-formed formulas
LO2	Set theory concepts like finite sets subset empty sets and operations on set
LO3	Mattresses and its various types
LO4	Binary relation possesses functions and pigeonhole principle
LO5	Algebraic structures like groups and elementary combinatorics
LO6	Various concepts in graphs and trees like its representation and its types
Paper no-V Programming methodology	
LO1	learn to develop simple algorithms and flow charts to solve problems
LO2	Develop problem solving skills couple with top-down design principles
LO3	Learn about the strategies of writing efficiency and well-structured computer algorithms/ programs
LO4	Develop the skills for formulating iterative solutions to a problem
LO5	Learned the history and the types of programming
LO6	Learn various approaches of writing a program
LO7	Learn to develop simple algorithms and flow chart to solve a problem.
Paper No- VI English communication skill	
LO1	Understand the different styles of communication
LO2	Understand the effective speaking skills and develop effective reading comprehensions
LO3	Understand how to write a good proposal profile and improve once separation skills
LO4	Develop good writing skills




Principal
Balbhim Art's Science & Commerce College, Beed

Semester II

Paper No I Programming in C++	
LO1	Understand principles of oop's using C++
LO2	Design and implement oop programs using C++
LO3	Understand classes objects inheritance and polymorphism using C++
LO4	develop object-oriented programming skills and gain practical experience
	Handling exceptions to control errors
Paper No II Advanced database management systems (ADBMA)	
LO1	Design E-R model for given requirements and converts the same into database tables
LO2	Database techniques such as SQL and PL/SQL
LO3	Explain transaction management in relational database system
Paper no- III Linux operating system	
LO1	Acquaint students with various Linux commands and installation of open-source operating systems
LO2	To cultivate implementation skill of open-source operating system
LO3	To develop skills in managing software and system administration tools
LO4	To prepare students for future courses having technical operating system knowledge
Paper no- IV Basics of networking	
LO1	Analyze and troubleshoot competent network related problems
LO2	Design and implement computer network
LO3	Understand the various network protocols and services




Principal
Balbhim Art's Science &
Commerce College, Beed

LO4	Understand network security threats and vulnerability as well as various security problems and encryption techniques
-----	--

Semester III

Paper No I Programming in C++	
LO1	Understand principles of oop's using C++
LO2	Design and implement oop programs using C++
LO3	Understand classes objects inheritance and polymorphism using C++
LO4	develop object-oriented programming skills and gain practical experience
	Handling exceptions to control errors
Paper No II Advanced database management systems (ADBMA)	
LO1	Design E-R model for given requirements and converts the same into database tables
LO2	Database techniques such as SQL and PL/SQL
LO3	Explain transaction management in relational database system
Paper no- III Linux operating system	
LO1	Acquaint students with various Linux commands and installation of open-source operating systems
LO2	To cultivate implementation skill of open-source operating system
LO3	To develop skills in managing software and system administration tools
LO4	To prepare students for future courses having technical operating system knowledge
Paper no- IV Basics of networking	
LO1	Analyze and troubleshoot competent network related problems
LO2	Design and implement computer network
LO3	Understand the various network protocols and services




Principal
 Balbhim Art's Science &
 Commerce College, Beed

LO4	Understand network security threats and vulnerability as well as various security problems and encryption techniques
-----	--

Semester V

Paper No- I Java programming	
	Implement network and database connectivity in Java for given application
	implement web page and dynamic content and server-side web application using servlet and JSP
	Use web application framework JSF to build user interfaces
	Apply model view controller architecture to build complex
	Clients' server applications
Paper No- II web programming	
	Describe the architecture of net technology
	Developed single form based simple net application using base and advanced control
	develop multiple form and menu based .net applications
	develop small edo.net based database related net applications
	Implement and troubleshoot simple to complex level .net applications
Paper No- III Cloud Computing Foundation	
	Visualize the various cloud computing environments
	Understand the core concept of parallel distributed computing and its architecture
	Learn and implement visualization environments
	articulate the insights of cloud computing architecture and its type
Paper No- IV theory of computation	
	Apply the knowledge of automata theory grammar and regular expression for solving the problem



Principal
Balbhim Art's Science &
Commerce College, Beed

	Analyze given automata regular expressions and grammar to know the language its representation
	Design automata and grammar for pattern recognition and syntax checking
	Text is a reason Students will apply this basic knowledge of theory of compression in the computer field to solve computational problem and it in the field of computer also
Paper No- V Data mining	
	Perform the preprocessing of data and applying mining technique on it
	Identify the association rules classifications and clusters in large datasets
	Saul Real world problems in the business and scientific information using data mining
	Use data analysis tools for scientific applications
Paper No- VI Advanced PHP	
	Perform server and client-side validation in PHP
	Design and develop dynamic web application using PHP
Paper No- VII Software engineering	
	Prepare srs document and spmp document
	Apply the concept of functional oriented and object-oriented approach of the software design
	Recognize how to ensure the quality of software product different quality standards and software review techniques
	Apply various testing techniques and test plan
	Able to understand the modern agile development

Course Outcomes

M.Sc. (Computer Science)

Semester – I




Principal
Balbhim Art's Science &
Commerce College, Beed

Paper No I Constitution of India	
LO1	Student will be able to understand the Constitution of India
LO2	Student will be able to know the constitutional and fundamental rights
Paper No II Research methodology	
LO1	critically analyze research methodology identified in existing literature
LO2	Choose appropriate Quantitative or qualitative method to collect data
LO3	Propose and distinguish appropriate research design and methodologies to apply to a specific resource project
LO4	Develop a comprehensive research methodology for a research question
LO5	Apply the understanding of a feasibility and practically of research methodology for a proposed project
Paper No III Open group python	
LO1	Provides student and opportunity to learn and develop basic skills required in writing programs
LO2	Student will be provided horizontal learning path where they will be able to select the technology trends such as Java groups Microsoft groups and Python
Paper No IV Data structure	
LO1	To offer current and comprehensive introduction to the study of computer algorithms
LO2	Study and implement simple as well as complex data representations
LO3	Estimate the performance of algorithms for selection of best suitable structures
Paper No V Relational database management system	
LO1	Student will be able to understand the basic difference between databases and relational databases
LO2	Student will be trained on using SQL queries for retrieving information from the databases the student will be pursued for comprehensive database certification programs on the foundation of course.





Principal
Balbhim Art's Science & Commerce College, Beed

LO3	Student will be provided mechanism for representation of database into xml for data mining studies
Paper No VI Mathematical foundation and statistical method	
LO1	Students are able to perform mathematical operations based on say theory and statistical analysis
LO2	The hierarchical component of the course rates fundamental concepts as well as some necessary topics in the set theory and statistical analysis the practical component of the course addresses the computer implement of these methods
LO3	In this way the student can develop a solid foundation for employment or further study in a wide range of scientific and engineering fields that rely on set theory and statistical modeling
Paper No VII Modern operating system	
LO1	Gain extensive knowledge on principles and models of operating system
LO2	Understand key mechanisms in designing of operating system models
LO3	Understand process management concurrent processes and threads memory management virtual memory concepts deadlocks
LO4	Compare performance of processor scheduling algorithms
LO5	Produce algorithmic solutions to process synchronization problems
LO6	Use modern operating system calls such as Linux process and synchronization libraries
Lo6	Learn threads and multicore programming

Semester -II

Paper no – I Technical report writing	
LO2	Critically analyze research methodology identified in existing literature
LO3	Choose Appropriate Quantitative or qualitative methods to collect data
LO4	Purpose and distinguish appropriate research design and methodologies to apply to a specific research project
LO5	Develop a comprehensive research methodology for research question




Principal
Balbhim Art's Science &
Commerce College, Beed

LO6	Apply the understanding of visibility and practically of research methodology for a proposed project
Paper no-II Advanced python	
LO1	Provide student an opportunity to learn and develop basic skills required in writing a program
LO2	Student will be provided horizontal learning path where they will be able to select the technology trends such as Java group Microsoft Group and open system group
LO3	Programming one will help to develop the foundation for programming to and programming three courses student will be able to write programs for gathering solutions
Paper No- III Data communication	
LO1	To provide an introduction to the range of topics in data communication and networking protocols and protocols suits
LO2	Concerned with exchange of data between directly connected devices aspect of transmission interface link control and multiplexing
LO3	To explore architectural principles and mechanism required for actions of data among computers workstations servers and data processing devices
Paper No- IV Software engineering	
LO1	Student be able to analyze processing draw actor interactions and optimization processes
LO2	Student decides process models ensure proper software testing Versioning of software
LO3	Able to identify the cost of designed software products and services etc.
Paper No- V Fundamentals of satellite remote sensing	
LO1	The course offers excellent learning opportunity for the student select research vertically ranges from pattern analysis and machine intelligence data science remote sensing and geospatial technologies and sense technologies
LO2	Student should get expertise in the areas of electro 2
LO3	Student concepts for implementation occasion for innovative products




Principal
Balbhim Art's Science & Commerce College, Beed

Paper No- VI Artificial intelligence	
LO1	The course offers excellent learning opportunity for the student select research verticals ranging from pattern analysis and machine learning data science remote sensing geospatial technologies and sensor technologies
LO2	Student Gate expertise in the area of elective 2
LO3	Student will be able to apply the concept for implementation of concepts for innovative tools and products

Semester III

Paper no -I Open Web programming	
LO1	Provide student and opportunity to learn and develop basic skills required in writing programs in advanced framework
LO2	Student will be provided horizontal learning path where they will be able to select the technology trends such as Java group Microsoft Group and open system group
LO3	Programming three will help student to learn advance technology and apply this technology for building useful applications
LO4	Students will be able to write programs for the gathering solutions
Paper No- II Compiler design	
LO1	Introducing students to the concepts and principles of compiler design
LO2	Providing students with basic understanding of grammars and language definitions
LO3	Introducing students to the various phases of designing a compiler
LO4	Introducing student to the various programming techniques and structures used in compiler constructions providing student with practical programming skill necessary for constructing a compiler
Paper No- III Pattern Recognition	
LO1	Transformation Camera manipulation frame buffer operations
LO2	The basic of lighting and shielding texture mapping and animation




Principal
Balbhim Art's Science & Commerce College, Beed

LO3	Fundamentals of modeling and animation
LO4	The fundamentals of 3D graphics pipeline the version
Paper No- IV Neural network and deep learning	
LO1	Understand the major technology tense derive deep learning
LO2	Be able to build train and apply fully connected deep neural networks
LO3	Know how to implement efficient neural networks
LO4	understand the key parameters in a neural network's architecture
Semester IV Dissertations Review 1,2,3 Final Dissertation, Seminar	
LO1	Final year dissertation includes anyone of either industrial internship field work project research project representing the illumination of study towards the Master of computer science intercepts or project offer the opportunity to apply and extend material learn throughout the program projects are undertaken individually or in small groups of not more than two students
LO2	Capability to acquire and apply a fundamental principle of computer science
LO3	Become master in one specialized technology
LO4	ability to communicate efficiently
LO5	Capacity to be a multi skilled computer science professional with good technical knowledge management leadership and entrepreneurship scale
LO6	To identify formulate and model problems and find solution based on a skill approach

Department of B.C.S.

Course Outcomes

B.Sc.-I (Computer Science) Year

Semester I

Paper No I Computer Fundamental




Principal
Balbhim Art's Science &
Commerce College, Beed

LO1	Students who complete this course successfully will acquire:
LO2	Knowledge of computer fundamental, CPU and its functionalities.
LO3	Understanding of block diagram of hardware peripherals
LO4	Understanding the number of system and its conversion between different numbers of system
LO5	Understanding the computer-based application such as email and video conferencing
Paper No II Digital Electronics	
LO1	To impart Knowledge in digital logic and circuit and to introduce concepts of data communication
LO2	Student will be able to learn concepts of digital logic and the design of basic logic circuits using commonly used combinational and sequential circuits.
Paper No III Operating System -I	
LO1	Gain knowledge of systems software, Program and process
LO2	Understanding types of OS, Basic functions of OS and Evolution of OS
LO3	Understand the concept of process control block and threads
LO4	understand recipe scheduling non primitive and primitive scheduling algorithm.
LO5	Understand the concept of synchronization and deadlock
Paper No – IV Mathematical foundation	
LO1	Propositional function statements well-formed formulas
LO2	Set theory concepts like finite sets subset empty sets and operations on set
LO3	Mattresses and its various types
LO4	Binary relation possesses functions and pigeonhole principle
LO5	Algebraic structures like groups and elementary combinatorics
LO6	Various concepts in graphs and trees like its representation and its types




Principal
 Balbhim Art's Science &
 Commerce College, Beed

Paper no-V Programming methodology	
LO1	learn to develop simple algorithms and flow charts to solve problems
LO2	Develop problem solving skills couple with top-down design principles
LO3	Learn about the strategies of writing efficiency and well-structured computer algorithms/ programs
LO4	Develop the skills for formulating iterative solutions to a problem
LO5	Learned the history and the types of programming
LO6	Learn various approaches of writing a program
LO7	Learn to develop simple algorithms and flow chart to solve a problem.
Paper No- VI English communication skill	
LO1	Understand the different styles of communication
LO2	Understand the effective speaking skills and develop effective reading comprehensions
LO3	Understand how to write a good proposal profile and improve once separation skills
LO4	Develop good writing skills

Semester II

Paper No I Programming in C++	
LO1	Understand principles of oop's using C++
LO2	Design and implement oop programs using C++
LO3	Understand classes objects inheritance and polymorphism using C++
LO4	develop object-oriented programming skills and gain practical experience
	Handling exceptions to control errors
Paper No II Advanced database management systems (ADBMA)	
LO1	Design E-R model forgiven requirements and converts the same into database tables




Principal
Balbhim Art's Science & Commerce College, Beed

LO2	Database techniques such as SQL and PL/SQL
LO3	Explain transaction management in relational database system
Paper no- III Linux operating system	
LO1	Acquaint students with various Linux commands and installation of open-source operating systems
LO2	To cultivate implementation skill of open-source operating system
LO3	To develop skills in managing software and system administration tools
LO4	To prepare students for future courses having technical operating system knowledge
Paper no- IV Basics of networking	
LO1	Analyze and troubleshoot competent network related problems
LO2	Design and implement computer network
LO3	Understand the various network protocols and services
LO4	Understand network security threats and vulnerability as well as various security problems and encryption techniques

Semester III

Paper No I Programming in C++	
LO1	Understand principles of oop's using C++
LO2	Design and implement oop programs using C++
LO3	Understand classes objects inheritance and polymorphism using C++
LO4	develop object-oriented programming skills and gain practical experience
	Handling exceptions to control errors
Paper No II Advanced database management systems (ADBMA)	
LO1	Design E-R model forgiven requirements and converts the same into database tables
LO2	Database techniques such as SQL and PL/SQL




Principal
Balbhim Art's Science & Commerce College, Beed

LO3	Explain transaction management in relational database system
Paper no- III Linux operating system	
LO1	Acquaint students with various Linux commands and installation of open-source operating systems
LO2	To cultivate implementation skill of open-source operating system
LO3	To develop skills in managing software and system administration tools
LO4	To prepare students for future courses having technical operating system knowledge
Paper no- IV Basics of networking	
LO1	Analyze and troubleshoot competent network related problems
LO2	Design and implement computer network
LO3	Understand the various network protocols and services
LO4	Understand network security threats and vulnerability as well as various security problems and encryption techniques

Semester V

Paper No- I Java programming	
	Implement network and database connectivity in Java for given application
	implement web page and dynamic content and server-side web application using servlet and JSP
	Use web application framework JSF to build user interfaces
	Apply model view controller architecture to build complex
	Clients' server applications
Paper No- II web programming	
	Describe the architecture of net technology
	Developed single form based simple net application using base and advanced control




Principal
Balbhim Art's Science & Commerce College, Beed

	develop multiple form and menu based .net applications
	develop small edo.net based database related net applications
	Implement and troubleshoot simple to complex level .net applications
Paper No- III Cloud Computing Foundation	
	Visualize the various cloud computing environments
	Understand the core concept of parallel distributed computing and its architecture
	Learn and implement visualization environments
	articulate the insights of cloud computing architecture and its type
Paper No- IV theory of computation	
	Apply the knowledge of automata theory grammar and regular expression for solving the problem
	Analyze given automata regular expressions and grammar to know the language it representation
	Design automata and grammar for pattern recognition and syntax checking
	Text is a reason Students will apply this basic knowledge of theory of compression in the computer field to solve computational problem and it in the field of computer also
Paper No- V Data mining	
	Perform the preprocessing of data and applying mining technique on it
	Identify the association rules classifications and clusters in large datasets
	Saul Real world problems in the business and scientific information using data mining
	Use data analysis tools for scientific applications
Paper No- VI Advanced PHP	
	Perform server and client-side validation in PHP
	Design and develop dynamic web application using PHP
Paper No- VII Software engineering	




Principal
Balbhim Art's Science & Commerce College, Beed

	Prepare srs document and spmp document
	Apply the concept of functional oriented and object-oriented approach of the software design
	Recognize how to ensure the quality of software product different quality standards and software review techniques
	Apply various testing techniques and test plan
	Able to understand the modern agile development

Department of B.C.A.

B.C.A.-I (Computer Science) Year

semester I

Paper No I Basics of computer	
LO1	Implement basic C programs
LO2	Develop and implement conditional and iterative statements
LO3	Implement different types of arrays
LO4	Develop and implement modular application in C using function
LO5	Implement structure and pointers
Paper No II Html and CSS	
LO1	Understand fundamentals of Web Technologies
LO2	Construct visually appealing static webpage
LO3	Understand linking in web page
LO4	Huse CSS for enhanced presentation and user experience
Paper No III Cyber security	
LO1	Understand the concept and process of cyber security




[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

LO2	understands the online dispute resolution
LO3	Knows the network and mobile security techniques

Semester -II

Paper no – I Programming in C	
LO2	Implement basic C programs
LO3	Develop and implement conditional and iterative statements
LO4	Implement different types of arrays
LO5	Develop and implement modular application in C using functions
LO6	Implement structures and pointers
Paper no-II JavaScript	
LO1	Ability to understand fundamental JavaScript
LO2	Proficiency in developing interactive and dynamic web application
LO3	Understanding of basic functions in JavaScript
LO4	Understand Internet and web technology
Paper No- III Computer hardware	
LO1	Perform basic trouble shooting
LO2	Installation of operating system and device drivers
LO3	Basic maintenance like antivirus installation and updating the system scanning
LO4	Upgrading a pc
LO5	Able to assemble a desktop pc
Paper No- IV E commerce	
LO1	Understand issues in E commerce
LO2	Understand ecommerce and E business models and approaches





Principal
Balbhim Art's Science &
Commerce College, Beed

Semester III

Paper no -I Data structure	
LO1	Understand and implement functional data structures like arrays stacks and queues
LO2	Program data structures and use them effectively in solving computational problems
LO3	Basic algorithmic complexity to select suitable data structures and algorithms for problem solving
LO4	Apply searching and sorting algorithms in practical scenarios with proper justifications
Paper No- II C programming- II	
OK LO1	Demonstrate performance in designing and implementing C programs utilizing arrays and functions effectively initializing access elements and managing memory allocations
LO2	Apply advanced concepts of structures union and pointers in programming tasks including nested structure dynamic memory allocation and pointer arithmetic to organize manipulate data efficiently.
LO3	Utilize storage classes preprocessors and straight stream handling functions profanely demonstrating a clear understanding of variable scope preprocessors directories and effective string manipulation techniques
LO4	Develop practical problem-solving skill applying learn concept to real world programming scenarios and effectively employing arrays functions structures union pointers and string handling functions to create robust and efficiency programs
Paper No- III Operating System	
LO1	Demonstrate performance Analyzing and resolving deadlock situations in operating system
LO2	Applying various memory allocation status is effectively to optimize resource utilization and in a system performance
LO3	You alert and implement appropriate disk management techniques to efficiently manage file systems and disk input output operations
LO4	Design and implement device management solutions including input output system components and device interface to facilitate seamless data transfer and device interaction with operating system




Principal
Balbhim Art's Science & Commerce College, Beed

Paper No- IV Computer hardware	
LO1	Perform basic trouble shooting
LO2	Installation of operating system and device drivers
LO3	Basic maintenance like antivirus installation and updating the system scanning
LO4	Upgrading a pc
LO5	Able to assemble a desktop pc
Paper No- V Office tools-I	
LO1	Gain a comprehensive understanding of office automation principles and its practical application in modern workplace
LO2	Develop performance in using word processing tools for creating and managing various types of documents effectively
LO3	Acquire advanced skill in spreadsheets software for data analysis visualization and database management tasks
LO4	Demonstrate the ability to automate routine office tasks and processes to enhance productivity and efficiency professional settings.
Paper No- VI E commerce	
LO1	Student will get knowledge of E-commerce
LO2	Able to identify your components of E commerce
LO3	we'll get knowledge of different security techniques used in ecommerce
LO4	Understand the risk in the E commerce business

Semester IV

Paper No I Core Java	
LO1	Understand the basic concepts of Java programming language




Principal
Balbhim Art's Science & Commerce College, Beed

LO2	To enable students to develop skills in writing and implement exception handling in Java
LO3	Use constructor wrapper classes and string operations in Java programming
LO4	Write And implements exception handling in Java
LO5	Use interfaces and threads in Java programming to create multithreaded applications
Paper No II Data warehouse	
LO1	Design and implement a data warehouse using appropriate modeling techniques
LO2	Perform ETL processes and loading data into a data warehouse
LO3	Perform OLAP and multidimensional analysis to support decision making
LO4	Create visualization and reports using BI tools
Paper no- III computer Networks	
LO1	Design and implement computer networks
LO2	Analyze and troubleshoot network related problems
LO3	Understand various network protocols and services
LO4	Understand network security threats and vulnerability as well as various security protocols and encryption techniques
Paper no- IV Software engineering	
LO1	Explain software engineering importance
LO2	Identify and describe development management models
LO3	Apply requirements engineering methods
LO4	Create and manage software projects with mattresses configuration management and maintenance
Paper no- IV Computer networks	
LO1	Design and implement computer networks




Principal
Balbhim Art's Science & Commerce College, Beed

LO2	Analyze and troubleshoot network related problems
LO3	Understand various network protocols and services
LO4	Understand network security threats and vulnerability as well as various security protocols and encryption techniques
Paper no- IV Data Analysis	
LO1	Develop Excel performance for data analysis
LO2	Understand data analysis concepts and techniques
LO3	Apply statistical analysis techniques in business scenario
LO4	Able to make data driven decision using advanced analysis techniques
Paper no- V Open-Source Web application development	
LO1	Install and configure my SQL and Apache And write basic PHP code to interact with them
LO2	Write PHP scripts to handle form submission set and delete cookies and interact with files and directories.
LO3	Develop an understanding of advanced PHP topics including functions arrays objects and string dates and time
LO4	Dynamic web applications using PHP and integrate with them with my sql and Apache
Paper no- VI Basic python programming	
LO1	Students will be able to comfortably using python for programming task
LO2	Student will develop strong problems solving skills applicable to computational and real-world scenarios
LO3	Student will be able to design and implement python programs using OOPS principles
LO4	Students will be adept at using key python libraries for numerical competitions data manipulations and visualization




Principal
Balbhim Art's Science & Commerce College, Beed

Semester V

Paper No I Natural Language Processing	
LO1	Handing of the general problems that people who work on any study and the strategies they used to solve them
LO2	Understand the role of data machine learning and natural language in NLP systems
LO3	Understand the ethical constructions on port and potential power bias in NLP systems
LO4	Be able to implement models to solve some standard NLP systems
LO5	a able to formulate potential starting points given a new problem with nlp elements
Paper No II Shell Programming	
LO1	the shell programming under Linux OS
LO2	To know the advanced feature of Linux OS for programming
LO3	To learn basic offset of commands in shell programming
LO4	Understand shell scripting and shell programming
Paper no- III Basic Data Science	
LO1	Data science is a fast-growing interdisciplinary field focusing on the analysis of data to extract knowledge and insights
LO2	To introduce student to the collection preparation analysis modeling and visualization of data covering both conceptual and practical issues
LO3	Examples and case studies from diverse field will be presented and hands on use of statistical and data manipulation software will be included So
LO4	
Paper no- IV Basic networking protocols	
LO1	Identify the computer network topology and its features
LO2	Understand routing algorithms and routing techniques
Paper no- IV Software project management -I	




Principal
Balbhim Art's Science & Commerce College, Beed

LO1	Define software project management and its importance
LO2	The white one described the characteristics of software projects
LO3	Describe projects and its attributes
LO4	explain in the detail project management life
Paper no- IV Introduction to big data	
LO1	Understanding the key issues in big data management and its associated application in intelligent business and scientific computing
LO2	Acquire fundamental enabling techniques and scalable
LO3	Websites interfere business models and scientific computing paradigms and apply software tools for big data Analytics
LO4	Algorithms like Hadoop map reduce and no SQL in big data Analytics Highlights the
Paper no- V Power BI	
LO1	it provides interactive visualization and self-service business intelligence capabilities
LO2	Separate with that end users can create reports and test board by themselves without having to depend on any information or database administrator
LO3	It offers data modeling capabilities including data preparation data discovery and interactive dashboards
Paper no- VI the aptitude and reasoning	
LO1	Understand the basic concept of qualitative ability
LO2	Understand the basic concept of logical reasoning skills
LO3	Acquire satisfactory compliancy in use of reasoning
LO4	Sol campus placement aptitude papers covering quantitative ability logically reasoning ability.




Principal
Balbhim Art's Science & Commerce College, Beed

Semester VI

Paper No I Java web frameworks	
LO1	Implement structure and its types in Java Web applications
LO2	Use of struct wave framework in website development
LO3	Use web application framework jack to build user interfaces
LO4	Apply model view controller architecture to build complex clients server application use using spring boot
Paper No II asp.net	
LO1	Explain the architecture of .net platform
LO2	Development using various controls and implement the concept of master page
LO3	Develop interaction up front with database using facilities of .net platform
LO4	Deploy.net web application
Paper no- III AWS	
LO1	To explain the core concept of the cloud computing paradigms how and why this
LO2	To apply the fundamental concepts in data centers to understand the trade of Indiana power
LO3	To illustrate the fundamental concept of cloud storage and demonstrate their use in the storage systems such as Amazon ES3 and HDSF
LO4	To understand various management and other distinguished servers of AWS
Paper no- IV Compiler design	
LO1	understand the basic concepts and compilation of compiler design
LO2	Apply their basic knowledge data structure to design symbol table lexical analyzer intermediate code generation parser
	Understand various code optimization techniques and error recovery mechanism
	History certainly as the bus is understand and implement a parser




Principal
Balbhim Art's Science & Commerce College, Beed

Paper no- IV Data warehouse	
LO1	Learn and understand the uses need and cost of data warehouse
LO2	Learn various techniques for data warehouse
LO3	Understand market basket analysis
Paper no- IV Deep learning	
LO1	Understand the deep neural networks methodologies
LO2	Apply the deep learning methods with parameter tuning on computer vision application
LO3	Apply the tip learning methods with parameter tuning on text and sequences data
LO4	Research the performance of different deep learning methods it's a power bi common
Paper no- V Power BI	
LO1	it provides interactive visualization and self-service business intelligence capabilities
LO2	Separate with that end users can create reports and test board by themselves without having to depend on any information or database administrator
LO3	It offers data modeling capabilities including data preparation data discovery and interactive dashboards
Paper no- VI GIS And remote sensing	
LO1	Present in industry society where GIS and remote sensing application can be useful
LO2	apply knowledge image interpretation and data time is processing
LO3	Apply problem solving methodologies to generate and justify
LO4	Inevitable solutions by designing and conducting analyzing and interpreting the data




Principal
Balbhim Art's Science & Commerce College, Beed

Faculty of Commerce
B.Com First Year Semester I & II

Financial Accounting –I	
Co1	Write difference between hire purchase system and instalment purchase method
Co2	Prepare Final Statements of Accounts of sole trader and solicitor
Co3	Able to prepare Final Accounting of Non-trading
Co4	Perform calculation and payments concern in case of Royalty Undertakings

Financial Accounting – II	
Co1	To understand the process of recording and classifying the business transaction and events.
Co2	To understand the financial statement viz, Profit and Loss Account, Balance Sheet and cash flow statement of a sole proprietor.
Co3	To Abridge the ability to prepare and analyze the branch account.
Co4	To Acquire concept of departmental accounting.

Principles of Management- I	
Upon completion of the course, the students will able to	
CO1	Demonstrate understanding of the role of manager in modern business management.
Co2	Absorb various management concept, principles and theories.
Co3	Examine the managerial functions having an impact on the business effectiveness.




Principal
Balbhim Art's Science & Commerce College, Beed

Principles of Management- II	
CO1	I Demonstration understanding of the role of effective direction in modern business organization.
CO2	Design motivation strategies for business effectiveness.
CO3	Learners will diagnose various styles and qualities of efficient leadership, Coordination and Controlling
CO4	Identify the contemporary issues and challenges in business management

Entrepreneurship Development- I	
Co1	Create Awareness Amongst students about Entrepreneurship.
Co2	Understand Theories while applying in the Business.
Co3	Know about Foundation of Entrepreneurship and its theories.
Co4	Identify the type of entrepreneur and the steps involved in an entrepreneurial Venture.

Entrepreneurship Development- I	
Co1	To provide knowledge and information about Entrepreneurship Development.
Co2	To provide knowledge and create ability for setting up an enterprise within given environment.

Computer Application in Business I & II	
Co1	Calculate Computers different number system




Principal
 Balbhim Art's Science &
 Commerce College, Beed

Co2	Explain and Correlate the Computers High-Level, Low-Level, Assembly-Language
Co3	Describe Word Document and Various Functions of Word
Co4	Calculate numerical examples in Excel and different Functions of Excel Sheet
Co5	Explain different Functions to create the PPT Presentation, Slide Effects in PowerPoint

Business Organization & Management –II	
Co1	Determine basic concepts of management
Co2	Identify the functions of management in business
Co3	Give planning and Decision making in business organization
Co4	Determine importance of motivation & communication
Co5	Determine as an individual a smart and self-esteeming

Entrepreneurship Development -II	
Upon completion of the course, the students will be able to	
Co1	: Determine the activities in setting-up enterprise
Co2	Evaluate elements of company structure
Co3	Give procedures to create new ideas which consist of brainstorming activities, focus groups, research

Basics of Entrepreneurship (GE/OE)	
Co1	To select business idea.
Co2	To prepare a project report.




Principal
Balbhim Art's Science & Commerce College, Beed

Co3	To register a unit (Udyog Aadhar Number)
-----	--

Basics of Entrepreneurship (GE/OE)	
Co1	To Develop the student's ability to deal with practical approach towards stock Markets Operation.
Co2	To enable the use of study Chart Plan and Candlestick Patterns.
Co3	To have a proper understanding of Future and Option Trading

SEC- Office automation Tools	
	To give Basic Hands-on Knowledge of Words Processing using MS words.
	To give Basic Hands-on Knowledge of spreadsheet processing using MS Excel
	To have a proper understanding of Future and Option Trading
	To deliver the fundamental knowledge of presentation using MS PowerPoint.
	To make students familiar with E-mail account.

B.Com. II Year

I.T Application in Business- I & II	
Upon completion of the course, the students will able to	
Co1	Elaborate Importance of Tally and Computerized Accounting
Co2	Identify and create voucher entry, Payment voucher, Receipt voucher, Credit and Debit Note
Co3	Explain e-commerce and its applications
Co4	Describe online shopping and E – marketing
Co5	Explain Electronic Business and E- commerce





Principal
Balbhim Art's Science & Commerce College, Beed

Corporate Accounting – I & II	
Upon completion of the course, the students will able to	
Co1	Differentiate equity share capital and preference share capital
Co2	Explain process of Issue of Debenture and Redemption of Debentures
Co3	Classify expenses and Income as well as Assets and liabilities to Prepare final statement of Accounts
Co4	Explain process of reconstruction and liquidation
Co5	Elaborate process of amalgamation absorption and holding of companies and relationships between them

Cost Accounting – I	
Upon completion of the course, the students will able to	
Co1	Determine per cost of units
Co2	Explain quality strategy to reduce the cost of product and increase the level of profit by maintaining quality of goods
Co3	Explain methods of distribution of Overhead
Co4	Identify methods of time keeping and time booking for labour control

Cost Accounting – II	
Upon completion of the course, the students will able to	
Co1	Calculate process cost to reduce the unnecessary expenditure in process of production
Co2	Describe elements of cost and classify it to apply strategic approach in reduction of cost and improvement in level of productivity
Co3	Calculate work in progress profit on Contract
Co4	Classify Reconciliation of Cost and Financial Accounts




Principal
 Balbhim Art's Science &
 Commerce College, Beed

B.Com. III Year

Business Regulatory Framework – I	
Upon completion of the course, the students will able to	
Co1	Determine correct and lawful object for making of contract
Co2	Identify and differentiate various types of valid contract with enforceability
Co3	Calculate risk of absence of any element essential for enforceability of valid contract
Co4	Describe significance of consideration for a promise
Co5	Classify various concepts of in mercantile law

Management Accounting –I	
Upon completion of the course, the students will able to	
Co1	Calculate various methods of ratio analysis
Co2	Differentiate fund flow and Cash flow Statement
Co3	Prepare cash budget, flexible budget and different activities budget
Co4	Explain difference between Management Accounting and Financial Accounting

Advance Financial Accounting- I	
Upon completion of the course, the students will able to	
Co1	Determine concept of social accounting
Co2	Identify allocation of Departmental Expenses




Principal
Balbhim Art's Science &
Commerce College, Beed

Co3	Identify Purchase and sales of investment before the date of payment of cum-interest and ex-interest
Co4	Classify forms of balance sheet as per scheduled sated Form A and Form B in Bank Final Account

Auditing	
I Upon completion of the course, the students will able to	
Co1	Explain Duties and Liabilities of Company Auditor
Co2	Describe methods of verification as per audit standards
Co3	Classify vouching process according to the expectation of board of auditors
Co4	Evaluate transparency and calculate interdepartmental malpractices

Direct Tax	
I Upon completion of the course, the students will able to	
Co1	Calculate taxable amount for tax payment
Co2	Determine tax exemption and increases amount for saving
Co3	Describe and differentiate tax amount under various leads
Co4	Evaluate application of fiscal policy and determine policy for tax planning
Co5	Classify tax amount according to tax slab rates

Management Accounting –II	
Upon completion of the course, the students will able to	
Co1	Prepare capital budget
Co2	Identify Cash Budget




Principal
Balbhim Art's Science & Commerce College, Beed

Co3	Explain pay-back period method
Co4	Describe benefits of Responsibility Accounting

Advance Financial Accounting- II	
Upon completion of the course, the students will able to	
Co1	Describe Stock market and procedure of D-mat Accounts
Co2	Determine Insolvency of an Individual and preparation of accounts as per act
Co3	Identify rules regarding application of cash and accrual basis system in Local Government Accounts
Co4	Classify accounts of farm accounting of Dairy and Poultry with special adjustment

Course Outcomes

M.Com First Year Ist and IInd Semester (NEP-2020)

Subject:- Management Process and Organizational Behaviour	
Upon completion of the course, the students will able to	
Co1	Improved Organizational Performance
Co2	Motivated and engaged employees, leading to higher output and quality.
Co3	A culture that encourages creativity and risk
Co4	Investing in leadership training and development programs.
Subject:- Managerial Economics	
Upon completion of the course, the students will able to	



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

Co1	Implementing risk management strategies,
Co2	To learn Data-driven decisions that drive business success.
Co3	To applying economic principles and applying analytical techniques,
Co4	Monitoring market dynamics,

Subject:- Corporate Financial Accounting

Upon completion of the course, the students will able to

Co1	Informed Decision Making: By providing reliable and accurate financial information.
Co2	Risk Mitigation: By identifying and addressing potential financial risks.
Co3	Investor Confidence: By building trust and credibility with investors.
Co4	Risk Mitigation: By identifying and addressing potential financial risks.

Subject:- Industrial Economics

Upon completion of the course, the students will able to

Co1	To learn and Understanding market structures
Co2	Analyzing firm behaviour: Industrial economics studies how firms make decisions about pricing, production, and investment.
Co3	Evaluating the impact of government policies
Co4	To learn Industrial economics can be used to forecast future trends in industries and markets.

Subject:- Research Methodology

Upon completion of the course, the students will able to

Co1	To learn Type of Research, Qualitative, quantitative, or mixed-methods.
-----	---




Principal
Balbhim Art's Science & Commerce College, Beed

Co2	To learn Experimental, survey, case study, correlational, etc.
Co3	To learn Research Strategy, Exploratory, descriptive, or explanatory.
Co4	To learn a well-structured research methodology is crucial for the credibility and validity of your research findings.
<p style="text-align: center;">Subject:- Advanced Financial Accounting</p> <p style="text-align: center;">Upon completion of the course, the students will able to</p>	
Co1	Students will be well-prepared to pursue careers in accounting, finance, and related fields, and to contribute to the effective financial management of organizations.
Co2	Use data analysis tools to extract meaningful insights from financial data.
Co3	To learn Develop and use financial models to forecast
Co4	Analyze real-world case studies to identify and address complex accounting issues.
<p style="text-align: center;">Subject:- Marketing Management</p> <p style="text-align: center;">Upon completion of the course, the students will able to</p>	
Co1	Effective marketing management is crucial for the success of any business.
Co2	To learn Increased Brand Awareness and Recognition
Co3	Effective pricing strategies maximize revenue and profitability.
Co4	Outshining competitors through superior marketing tactics.
Co5	Effectively managing marketing activities, businesses can achieve these outcomes and drive sustainable growth.
<p style="text-align: center;">Subject:- Financial Management</p> <p style="text-align: center;">Upon completion of the course, the students will able to</p>	




Principal
Balbhim Art's Science & Commerce College, Beed

Co1	Improved Financial Performance, Profitability, Increased revenue, reduced costs, and optimized resource allocation can lead to higher profitability.
Co2	To learn financial analysis provides valuable data to inform strategic decisions.
Co3	To learn Identifying and managing potential financial risks can protect the organization.
Co4	Allocating funds to projects with the highest potential return.
Co5	Transparent financial reporting and consistent performance can attract investors.

Subject:- E-commerce Upon completion of the course, the students will able to	
Co1	Convenience, E-commerce offers 24/7 shopping, eliminating the need for physical store visits.
Co2	Access to a vast array of products from global markets, often at competitive prices.
Co3	To learn Tailored recommendations and offers based on browsing and purchase history.
Co4	To learn Quick and easy comparison of prices from different sellers.
Co5	To learn Efficient shopping process, reducing time spent on physical shopping trips.

Course Outcomes

M.Com First Year IIIrd and IVth Semester

Subject:- Research Methodology- Upon completion of the course, the students will able to
--




Principal
Balbhim Art's Science &
Commerce College, Beed

Co1	To expose the student with research process data collection and analysis sampling report writing etc.
Co2	To learn Experimental, survey, case study, correlational, etc.
Co3	To learn Research Strategy, Exploratory, descriptive, or explanatory.
Co4	To learn a well-structured research methodology is crucial for the credibility and validity of your research findings.
<p align="center">Subject:- Human Resource Planning and Development</p> <p align="center">Upon completion of the course, the students will able to</p>	
Co1	The objective of this course is to expose student to be human resource planning methodologies and the various aspect of your practices.
Co2	HRPD helps identify and address skill gaps, leading to a more productive workforce.
Co3	Identify and mitigate potential risks related to workforce planning.
Co4	HRPD ensures that the workforce is aligned with the organization's strategic goals.
Co5	Aims to ensure they have the right people with the right skills in the right roles at the right time.

<p align="center">Subject:- Business Legislation-</p> <p align="center">Upon completion of the course, the students will able to</p>	
Co1	updates knowledge about different basic legislation in practices
Co2	To learn Business laws, promote fairness and equity in commercial transactions, protecting the rights of both businesses and consumers.




Principal
Balbhim Art's Science & Commerce College, Beed

Co3	A legal framework governing commercial activities, has a profound impact on businesses and the overall economy.
Co4	Consumer protection laws safeguard the interests of consumers, ensuring fair practices and preventing exploitation.

<p align="center">Subject:- International Marketing</p> <p align="center">Upon completion of the course, the students will able to</p>	
Co1	To make the student understand the importance of international marketing entry strategies foreign market selection product development and distribution
Co2	A clear and consistent legal framework provides stability and certainty, reducing uncertainty and encouraging investment.
Co3	A well-regulated business environment can foster economic growth by attracting investment, promoting entrepreneurship, and facilitating trade.
Co4	Overly restrictive regulations can stifle innovation and discourage risk-taking.
<p align="center">Subject:- Quantitative Techniques</p> <p align="center">Upon completion of the course, the students will able to</p>	
Co1	To objective of the course to expose student knowledge among student about statistical and mathematical analysis for research problem
Co2	The use of mathematical and statistical methods to analyze numerical data, can yield a wide range of outcomes, depending on their specific application.
Co3	Improved Understanding and Knowledge
Co4	Innovation and Creativity, Enhanced Problem-Solving and Decision-Making
<p align="center">Subject:- Research Project</p> <p align="center">Upon completion of the course, the students will able to</p>	




Principal
Balbhim Art's Science & Commerce College, Beed

Co1	The student must undertake the project work based on practical training in a business form for the period of 6 weeks
Co2	To learn New Knowledge and Understanding
Co3	Original data and insights that contribute to the field of study.
Co4	New products or services based on the research findings.

Subject:- Security Analysis Upon completion of the course, the students will able to	
Co1	Update the subject knowledge among the student at corporate level about securities and portfolio management
Co2	To learn comprehensive evaluation of a security's investment potential. This evaluation helps investors make informed decisions about whether to buy, sell, or hold a particular security.
Co3	The risk of fluctuations in overall market prices.
Co4	Focuses on a company's financial statements, industry trends, and economic factors to determine its intrinsic value.
Co5	Examines historical price and volume data to identify patterns and trends that can predict future price movements.
Subject:- International Business- Upon completion of the course, the students will able to	
Co1	The objective of this course to expose student about international businesses its significance and basic knowledge
Co2	International trade and investment can stimulate economic growth by increasing demand for goods and services, creating jobs, and fostering technological innovation.




Principal
Balbhim Art's Science & Commerce College, Beed

Co3	International business facilitates the exchange of ideas, customs, and traditions between different cultures, promoting intercultural understanding and tolerance.
Co4	Political instability, government regulations, and trade barriers can create significant challenges for international businesses.
Co5	International businesses may face ethical dilemmas related to issues such as corruption, labour exploitation, and environmental impact.

Department of English

B.A./B.Sc/B.Com/B.C.A./B.C.S. I Year

Semester Ist

Ability Enhancement Course

Course Title : Communication Skills in English

At the end of the course, students will learn

- To communication skills, importance of all skills and use of effective communication skills
- To speak at public places
- To prepare for job interview
- Manners, etiquettes, and maintain good relations with others
- To show higher level of critical thinking and sharpen their accuracy in writing




Principal
Balbhim Art's Science &
Commerce College, Beed

B.A. I Year

Semester Ist

English Poetry(DSC-1)

Course Title : English Poetry

At the end of the course, students will learn

- Meaning of Poetry, its types and forms
- The rise and development of English poetry, trends in English poetry
- Major and minor British poets, texts and contexts
- Reflection of human values in English poetry
- Undertake projects, research in English poetry
- Write poetry on current situations

B.A. I Year

Semester Ist

Functional English(GE/OE-1)

Course Title : Functional English

At the end of the course, students will learn

- Basic grammar in English language
- Writing skills with help of clause elements, phrases, clause types, sentence types
- To prepare for various competitive examinations
- To spot common errors, sentence improvement, build vocabulary, selecting proper words, subject-verb concord, ordering of words in sentences, etc.




Principal
Balbhim Art's Science & Commerce College, Beed

B.A. I Year
Semester Ist
Metalinguistic Skills(Eng-1)

Course Title : Metalinguistic Skills

At the end of the course, students will learn

- Acts of writing, the ability to think grammatically and to reflect on the effectiveness of language choices
- Phonemic awareness, syntactic awareness, lexical awareness
- Conversational interaction and the role of metalinguistic skills
- Understand the intended message of the speaker through metalinguistic skills
- Relation between language and culture

B.A/B.Sc/B.com II Year
Semester III

Course Title : A course in Communicative English - III

- The students would emerge as good communicators
- Articulate thoughts and ideas clearly and concisely.
- Use appropriate vocabulary and grammar for the situation.
- Maintain appropriate eye contact and body language.
- Interpret non-verbal cues from others.




Principal
Balbhim Art's Science & Commerce College, Beed

B.A. II Year

Optional English

Semester III

Course Title : Literature in English - I

- The students would have developed awareness about different literatures written/ translated in English
- Interpret and analyze literary texts from various perspectives (e.g., social, political, gender, historical).
- Identify and explain literary devices such as metaphor, simile, symbolism, and imagery.
- Evaluate the author's purpose, style, and techniques within a text.
- Historical and Cultural Understanding:

B.A. II Year

Optional English

Semester IV

Course Title : Literature in English – II

- Place literary works within their historical and cultural contexts.
- Analyze how social, political, and economic factors influence literary themes.
- Recognize and discuss the impact of different literary traditions on works
- Compose well-structured and persuasive literary essays.
- Effectively support arguments with textual evidence.

B.A. III Year

Optional English

Semester Vth

Paper IX

Course Title : Study of English language - I

At the end of the course, students will learn




Principal
Balbhim Art's Science & Commerce College, Beed

- Basics of English language
- Better pronunciation
- Grammar of English language

B.A. III Year

Optional English

Semester Vth

Paper X

Course Title : Literary Theory Criticism

- The student would become connoisseurs of literature in life
- Course outcomes on criticism would typically focus on students' ability to identify, analyze, and evaluate critical perspectives on various texts or subjects, including understanding different critical theories, applying them to analyze works, and articulating their own critical interpretations; often emphasizing skills like close reading, identifying authorial intent, considering social and cultural context, and constructing well-supported arguments.
- Analyze the themes, characters, and narrative structures of literary texts through various critical lenses.

B.A. III Year

Optional English

Semester Vth

Paper XI - B

Course Title : Indian English Literature – I

- The students would have furthered their interest in Indian literature
- Critically examine Indian English literature works, considering their historical, social, and political contexts to understand themes like colonialism, identity, gender, and nationalism within the texts.
- Understand the evolution of Indian English literature:
- Trace the development of Indian writing in English from colonial times to the present, recognizing key authors and literary movements.
- Interpret cultural nuances




Principal
Balbhim Art's Science &
Commerce College, Beed

:

B.A. I Year

Semester IInd

English Drama(DSC-4)

Course Title : English Drama

At the end of the course, students will learn

- Meaning and elements of English Drama
- Various trends in English Drama
- To demonstrate a broad knowledge of major and minor British playwrights and texts and contexts
- Will play various roles in drama/theatre
- Will write dramas

B.A. I Year

Semester II

English for Competitive Exams(GE/OE-02)

Course Title : Functional English

At the end of the course, students will learn

- The use of basic grammar in English language learning
- To prepare for various competitive exams
- To spot common errors, sentence improvement, build vocabulary, selecting proper words, subject-verb concord, ordering of words in sentences etc.
- To enable students for employment with requisite professional skills, ethics and values

B.A. I Year

Semester IInd

Translation in practice VSC (Eng-1)




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Title : **Translation in practice VSC**

At the end of the course, students will learn

- Translation as important branch of study and what is good translation
- Basic but valuable techniques used by a good translator in the translation between English and Marathi and English and Hindi
- To understand the idea, style and tone of the writer, the historical and cultural context of the writing, as well as the explicit and implied meanings of words, the grammatical structures of sentences, and the logic of sentences and paragraphs in order to achieve faithfulness, expressiveness, and elegance in the translation
- What makes a qualified professional translator and acquired abilities and skills that such a translation need

B.A/B.Sc/B.com II Year

Compulsory English

Semester IV

Course Title : A course in Communicative English - IV

- Recognize and respect cultural differences in communication styles
- Adapt communication strategies to different cultural contexts
- Build rapport and establish positive relationships.
- Communicate with honesty and integrity
- Apply ethical principles to communication decisions

B.A. II Year

Optional English

Semester IVth

Course Title : Periods of British literature (Paper VII)

- The students would have developed understanding of British literature to a fair extent
- Students' enlightenment on the development of British literature
- Preparation of students for clearing examination regarding British literature




Principal
Balbhim Art's Science & Commerce College, Beed

B.A. II Year
Optional English
Semester IVth

Course Title : Postcolonial literature (Paper VIII)

- The students would have become familiar with the contemporary discourse and literature
- Critically analyze literary text from post-colonial contexts, understanding how they represent the impacts of colonialism on identity, culture and politics
- Identify key themes like hybridity, ordering and resistance while demonstrating knowledge of relevant historical and theoretical frameworks
- Analyze how colonial power dynamics are reflected in literary texts

B.A. III Year
Optional English
Semester VIth

Paper XII

Course Title : Study of English language - II

- Understand how language is structured and functions
- Classify different perspectives on Language use
- Evaluate the relationship between language and society
- Apply linguistics to other related disciplines

B.A. III Year
Optional English
Semester VIth

Paper XIII

Course Title : Literary Theory and Criticism - II

- Apply critical theories to analyze literary texts from diverse genres and periods.




Principal
Balbhim Art's Science &
Commerce College, Beed

- Identify and explain the author's rhetorical strategies and techniques.
- Evaluate the strengths and limitations of different critical perspectives when analyzing a text.
- Construct well-supported critical arguments using evidence from the text.

B.A. III Year

Optional English

Semester VIth

Paper XIV-B

Course Title : Indian English Literature – II

- Effectively communicate their understanding of Indian English literature through written essays, presentations, and critical analysis
- The representation of colonial experiences, resistance narratives, and the role of language in shaping identity.
- Examining how different regions of India are reflected in their literary works.
- Conduct independent research on specific Indian English authors or topics, utilizing appropriate methodologies and academic sources.

Department of Hindi

CO's

Provide the following data

बी. ए. ,बी.कॉम., बी.एस्सी., बी. सी.ए., बी. सी.एस. (हिंदी)

- बी. ए. ,बी.कॉम., बी.एस्सी., बी. सी.ए., बी. सी.एस. हिंदी एक परंपरागत स्नातक स्तर है। हिंदी भाषा में स्नातक स्तर की पढ़ाई के बाद छात्रों के लिए रोजगार के कई अवसर प्राप्त होते हैं।
- यह परंपरागत कोर्स मानवीय मूल्य, संवेदना, इंसानियत, नैतिकता, जीवनमूल्य, देशभक्ति, सांस्कृतिकपृष्ठभूमि, संस्कार आदि आयामों को लेकर भी छात्रों को सक्षम बनाता है।
- लेखक और कवि द्वारा लिखित पाठ एवं काव्य छात्रों का स्तर, उनकी उम्र और मानसिक विकास का ध्यान रखकर निर्धारित किए जाते हैं। जिनका उद्देश्य उज्ज्वल भारत का निर्माण करना होता है।
- हिंदी में आधुनिक कौशल से निर्माण विभिन्न कोर्स जैसे कि समाचार लेखन, रेडियो वार्ता, विज्ञापन लेखन, प्रयोजनमूलक हिंदी, संप्रेषणमूलक हिंदी, अनुवाद, मीडिया लेखन, कंप्यूटर




Principal
Balbhim Art's Science &
Commerce College, Beed

का प्रयोग आदि से जुड़ा पाठ्यक्रम रोजगार एवं व्यवहारिक तथा व्यापारिक स्तर पर नए अवसर निर्माण करता है।

- बी.ए.की उपाधि प्राप्त कर कई छात्र उपर्युक्त पाठ्यक्रम को पूर्ण करके पत्रकारिता, अनुवाद, बैंक, शिक्षा क्षेत्र, उद्योग, व्यापार आदि में जिम्मेदार नागरिक के रूप में अपना महत्वपूर्ण योगदान दे रहे हैं।
- बी.ए. की उपाधि के पश्चात् छात्र एम्. ए., बी. एड., एम्. फिल., पीएच्. डी. उद्योग, व्यापार आदि में जिम्मेदार नागरिक के रूप में अपना महत्वपूर्ण योगदान दे रहे हैं।
- बी.ए.की उपाधि के पश्चात् छात्र एम्.ए., बी.एड., एम्. फिल., पीएच्.डी. आदि पारंपरिक कोर्स के साथ पत्रकारिता, अनुवाद जैसे अधुनातन व्यावसायिक क्षेत्र में भी पढ़ाई हेतु प्रवेश लेते हैं।
- स्नातक की शिक्षापूर्ण करने के पश्चात् छात्रों के लिए रोजगार के विभिन्न अवसर निर्माण हो जाते हैं और सफलता का प्रतिशत बढ़ जाता है। छात्र जिम्मेदार नागरिक बनकर अपने परिवार और देश की उन्नति में महत्वपूर्ण योगदान देते रहे हैं।

Course Outcomes Department of Hindi

B. A. I yr. HINDI

Major 1 DSC1 - □□□□□ □□□ □□□□□□□ □□□□-1

□□□□□□□□ □□□□□□ □□ □□□□□□ □□□□□□□□ □□ □□□□□ □□□□
□□□□ □□ □□□□□□□□ □□ □□□□□□ □□ □□□□□ □□□□

- हिंदी कहानी साहित्य का परिचय प्राप्त होता है। हिंदी के प्रमुख लेखक तथा उनकी लेखन विशेषताओं का परिचय प्राप्त होता है।
- छात्रों के भाषा कौशल का विकास होता है।
- छात्रों में हिंदी भाषा के महत्व के साथ ही व्याकरणिक सजगता निर्माण होती है।
- छात्रों को स्वरचित कहानी लेखन करने की प्रेरणा मिलती है।
- छात्रों में हिंदी भाषा में कथा कथन करने की कला विकसित होती है।
- छात्रों में कहानी की समीक्षा करने की क्षमता विकसित होती है।

Major 1 DSC4 - □□□□□ □□□□□ □□□□□□□ □□□□-2

- प्रस्तुत अध्ययन से हिंदी नाटकों और उसके बहाने साहित्य में नाट्य परंपराएं, हिंदी रंगमंच तथा व्यावसायिक नाटकों से परिचित करना।
- छात्र अपने आस-पास नाटक के इन पात्रों का महसूस करते हैं। छात्र अध्ययन के महत्व को समझते हैं और उनमें शिक्षा द्वारा आत्मनिर्भर बनने की प्रेरणा निर्मित होती है।
- नाटक साहित्य के प्रश्नपत्र का अध्ययन करने के पश्चात् हिंदी नाटक साहित्य की बारीकियों को पहचानने की क्षमता का विकास होता है। संवेदनाओं के साथ ही नाटक का आस्वादन एवं नाटक की आलोचना दृष्टि का छात्रों में विकास होता है।
- छात्र लघु नाटक एवं प्रहसन लिखने की क्षमता विकसित होती है।




Principal
Balbhim Art's Science &
Commerce College, Beed

- हिंदी कहानी का नाट्य रूपांतर करने की क्षमता विकसित होती है।

B.COM.I/ BScI/ BCAI/ BCSlyr. HINDI

G. E. / O.E. 1. - □□□□□ □□□□□□ □□ □□□□□□□ □□□□-1

- प्रस्तुत अध्ययन से हिंदी सिनेमा का परिचय होता है।
- छात्रों में साहित्य और सिनेमा को देखने का आलोचनात्मक दृष्टीकोण विकसित होता है।
- छात्रों व्यक्तिगत जीवन में नैराश्य छोड़कर यश प्राप्ति की प्रेरणा मिलती है।
- छात्र हिंदी सिनेमा के माध्यम से अपने समाज की परिस्थिति को सरलता से समझ पाएंगे और उनमें संवेदनशीलता का भाव निर्माण होता है।

B.COM.I/ BScI/ BCAI/ BCSlyr. HINDI

G. E. / O.E. 2 - □□□□□ □□ □□□□□□□□□ □□□□□□□□ □□□□ -2

- छात्र स्वाधीनता आंदोलन के इतिहास को समझेंगे।
- छात्र स्वाधीनता आंदोलन में साहित्य के योगदान को समझेंगे।
- छात्रों में राष्ट्रीय एकता का भाव निर्माण होगा।
- छात्रों में देशभक्ति और देश के प्रति स्वामिमान का आव निर्माण होगा।

B.A.I/B.COM.I/ BScI/ BCAI/ BCSlyr. HINDI

SEC 1 - □□□□□□ □□□□ □□□□ -1

- छात्र वार्तालाप, भाषण, वाद विवाद, एकालाप, परिचर्चा जैसे संभाषण के विविध आयाम समझेंगे।
- भाषण, वाद-विवाद, मंच संचालन, मंचीय कविता आदि के बारे में छात्रों को जानकारी मिलेगी।
- छात्रों को संभाषण के व्यावहारिक पक्ष का ज्ञान होगा।
- भविष्य में विद्यार्थी इसके सहारे विभिन्न क्षेत्रों में स्वतंत्र रूप में कुशल वक्ता, सूत्र संचालक, कवि बनेंगे।

B.A.I/B.COM.I/ BScI/ BCAI/ BCSlyr. HINDI

VSC 1 - □□□□□□□□ □□□□ □□□□ □□□□ -2

- इस पाठ्यक्रम के अध्ययन-अध्यापन तथा प्रायोगिक कार्य के पश्चात् छात्र में सृजनात्मक चिंतन, लेखन, भावाभिव्यक्ति और प्रस्तुतीकरण कौशल का विकास होगा।
- छात्रों में अपने परिवेश तथा समाज के प्रति संवेदनशीलता का विकास होगा।

B.A.I/B.COM.I/ BScI/ BCAI/ BCSlyr. HINDI

AEC 1 - □□□□□□□□□□ □□□□□ □□ □□□□ □□□□ □□□□ -2

- विभिन्न जीवन कौशल को आत्मसात कर छात्र अपने जीवन को सरल एवं सहज बना सकते हैं।
- यह पाठ्यक्रम छात्रों में सकारात्मक व्यवहार की वे योग्यताएँ निर्माण करेगा जिससे छात्र को दैनिक जीवन की माँगों और चुनौतियों से प्रभावी तरीके से निपटने के लिए सक्षम बनाती है।
- छात्रों में रोजगार कौशल निर्माण में सहायक होगा।




Principal
Balbhim Art's Science &
Commerce College, Beed

B. A. II yr. HINDI (□□□□□ □□□□)

□□□□□□□ □□□□□ (SL.III & IV) (B.A., BCOM., BSc.)

- साहित्य आस्वादन और मूल्यांकन क्षमता का विकास करना।
- जीवन मूल्यों के प्रति आस्था निर्माण करना।
- हिंदी के आधुनिक गद्य साहित्य की प्रतिनिधि रचनाओं का परिचय प्राप्त करना।
- अत्याधुनिक इलेक्ट्रॉनिक माध्यमों का परिचय करना।
- व्यावहारिक प्रयोजनमूलक तथा संप्रेषणमूलक व्यावसायिक हिंदी भाषा से विद्यार्थी परिचित हो और रोजमर्रा की जिंदगी में अपनी मांगों को पूरा करने में सक्षमता बना पाए यह अपेक्षा भी पाठ्यक्रम की रही है।
- भाषा, अनुवाद, जनसंचार के माध्यम का परिचय और समाचार पत्र लेखन आदि कला छात्रों में विकसित होती है।
- जीवन मूल्य भाव, भावनाओं सुविधाओं के परिचय के साथ आधुनिक साधनों का भाषा ई प्रयोग कैसे करें इसका परिचय भी छात्र कर पाते हैं।

□□□□□□□□□□ 3 □□□□□ □□□□□□□ □□ □□□□□□ : □□□□□□ □□□

- हिंदी साहित्य के आधुनिक काल का परिचय करना।
- हिंदी साहित्य के आधुनिक काल की पृष्ठभूमि और प्रवृत्तियों से परिचित करना।
- आधुनिक कालीन हिंदी कविता और गद्य लेखन पर प्रकाश डालना।
- भारतीय स्वतंत्रता संग्राम में हिंदी साहित्यकारों की भूमिका और उनके काव्य का मूल्यांकन करना।
- हिंदी साहित्य के अधुनातन प्रयोग का मूल्यांकन करना।

□□□□□□□□□□ 4 □□□□ □□□□□□□

- हिंदी नाटकों और उसके बहाने साहित्य में नाट्य परंपराएं, हिंदी रंगमंच तथा व्यावसायिक नाटकों से परिचित करना।
- 'कबीरा खड़ा बजार में' नाटक द्वारा भीष्म साहनी ने अपने युग की तानाशाही, धर्मांधता, मिथ्या धारणाओं के विरुद्ध संघर्ष करनेवाले व्यक्ति के माध्यम से छात्रों में वर्तमान की वास्तविकता को समझाना।
- पाठ्यक्रम में अजय शुक्ल का नाटक 'ताजमहल का टेंडर' द्वारा आज के नौकर शाही के ताकद को स्पष्ट किया है। नाटक में हास्य व्यंग्य के माध्यम से छात्रों में यथार्थ को समझाना।
- छात्र अपने आस-पास नाटक के इन पात्रों का महसूस करते हैं। छात्र अध्ययन के महत्व को समझते हैं और उनमें शिक्षा द्वारा आत्मनिर्भर बनने की प्रेरणा निर्मित होती है।
- नाटक साहित्य के प्रश्नपत्र का अध्ययन करने के पश्चात हिंदी नाटक साहित्य की बारीकियों को पहचानने की क्षमता का विकास होता है। संवेदनाओं के साथ ही नाटक का आस्वादन एवं नाटक की आलोचना दृष्टि का छात्रों में विकास होता है।

□□□□□□ □□□□□ (□□□□□□ □□□□)

□□□□□□□□□□ 5 □□□□□ □□□□ □□□□□□□

- हिंदी कथेत्तर गद्य साहित्य प्रश्नपत्र में समाविष्ट करने के पीछे यह उद्देश्य रहा है कि हिंदी के छात्र हिंदी साहित्य के कथेत्तर विधाओं से परिचित हो।




Principal
Balbhim Art's Science &
Commerce College, Beed

- जीवन मूल्यों के प्रति आस्था निर्माण करना।
- युद्ध यात्रा और निबंधालोक पुस्तक के माध्यम से छात्र रिपोर्टाज, निबंध इन विधाओं से भलीभांति परिचित हो।
- साहित्य के विविध विधाओं के आस्वादन का आनंद लेने की आदत और अभिरुचि का विकास करना।
- हिंदी कथेत्तर गद्य संवेदना की परंपराओं का परिचय करना।

□□□□□□□□□□ 6 □□□□□□ □□□□□□□□

- नाटक की तुलना में एकांकी छोटी विधा है। छात्र एकांकी का अध्ययन करते समय नाटक और एकांकी में साम्य तथा भेद समझ जाते हैं।
- हिंदी एकांकी के उद्भव और विकास से छात्र परिचित होते हैं।
- एकांकी के माध्यम से मानवीय संवेदनाओं का अध्ययन तथा मूल्यों से छात्र परिचित हो जाते हैं। सामान्य एवं साधारण घटनाओं का मूल्य वे समझ जाते हैं।
- 'एकांकी रंग तरंग' पुस्तक के अंतर्गत नौ प्रतिनिधि एकांकीयां पाठ्यक्रम के अंतर्गत निर्धारित हैं। इनके द्वारा ऐतिहासिक और समस्यामूलक एकांकीओं से छात्रों का परिचय होता है।

B.A. III Yr. (□□□□ □□□□)

DSE – A1 □□□□□□□□□□□□□□ – 1

- साहित्य चिंतन परंपरा का अध्ययन करना।
- साहित्यालोचन क्षमता का परिचय करना।
- साहित्य सृजन के संस्कार करना।
- साहित्य एक प्रकार से शास्त्र है उसे पढ़ना, उसका चिंतन, आकलन, मूल्यांकन और सृजन करना एक प्रकार की शास्त्रीय तकनीक है। इसी तकनीक का विकास करना प्रस्तुत पाठ्यक्रम का उद्देश्य है।
- साहित्य का स्वरूप, तत्व, प्रयोजन हेतु, शब्द-शक्तियां, रस, अलंकार, छंद, विविध विधाओं का स्वरूप तथा आलोचना आदि अंग का छात्रों को परिचय करवाना।
- हिंदी भाषा के छात्र होने के नाते एक परिपूर्ण इंसान बनना और मानवीय जीवन की आकलन क्षमता का विकास करना प्रस्तुत पाठ्यक्रम का उद्देश्य है।
- साहित्य का मूल्यांकन करने का दृष्टिकोण विकसित करना तथा कलापक्ष पर प्रकाश डालने की क्षमता को विकसित करना।

SEC- 1C – □□□□□ □□□□ □□ □□□□

- हिंदी के प्रयोजनपरक रूपों का अध्ययन करना।
- भाषा की प्रयोजनपरक प्रयुक्तियों की क्षमताओं को विकसित करना।
- भाषा के रोजगारपरक आयामों का ज्ञान कराना।

GE- 1 □□□□□□□□□ □□□□□□□ □□□□□□□□

- आत्मकथा विधा से छात्रों को परिचित कराना।




Principal
Balbhim Art's Science &
Commerce College, Beed

- आत्मकथा पठन पाठन की अभिरुचि को विकसित कराना।
- प्रादेशिक भाषा के रचनाकारों की जानकारी प्राप्त कराना।
- हिंदी आत्मकथा साहित्य के विकास में प्रादेशिक भाषा साहित्य की आत्मकथा के योगदान को अधोरेखित करना।

B.A. III Yr. (□□□□□ □□□□)

DSE – 2 □□□□□□□□□□□□□□ – 2

□□□□□□ □□□□□□□ □□□□□ □□ □□□□□□ □□□□□□

- साहित्यालोचन की क्षमता को विकसित करना।
- साहित्य सृजन प्रक्रिया का सैद्धांतिक ज्ञान कराना।

SEC – 1 D □□□□□□□□□□□ □□□□□ (□□□□□ □□□□)

- हिंदी के प्रयोजनपरक रूपों का अध्ययन करना।
- भाषा की प्रयोजनपरक प्रयुक्तियों की क्षमताओं को विकसित करना।
- भाषा के रोजगारपरक आयामों का ज्ञान कराना।

GE -2 □□□□□ □□□□□□□ □□□□□□□

- हिन्दी व्यंग्य से छात्रों को परिचित कराना।
- हिन्दी व्यंग्य के प्रति छात्रों में पठन पाठन की अभिरुचि को विकसित कराना।
- हिन्दी के व्यंग्य रचनाकारों की जानकारी प्राप्त कराना।
- हिंदी व्यंग्य साहित्य के योगदान को रेखांकित कराना।

M. A. Hindi I yr. I Semester

Major Mandatory-1

□□□□□□□□□□ 1 □□□□□□ □□□□□□□□□□□□□□

- भारतीय साहित्य चिंतन परंपरा का अध्ययन करना।
- साहित्य के सृजन संस्कार करना।
- साहित्य के रस, अलंकार, रीति, ध्वनि, वक्रोक्ती, औचित्य, आलोचना इन विधाओं का स्वरूप तथा सिद्धांतों से छात्रों को परिचित करना।
- समीक्षात्मक दृष्टि विकसित करना।
- साहित्य के अध्ययन हेतु पठन, चिंतन, आकलन, मूल्यांकन और सृजन हेतु दृष्टि विकसित करना पाठ्यक्रम का उद्देश्य है।

Major Mandatory-2

□□□□□□□□□□ 2 □□□□□ □□□□ □□ □□□□□□□




Principal
Balbhim Art's Science &
Commerce College, Beed

- हिंदी भाषा का संरचनात्मक अध्ययन करना।
- हिंदी भाषा के विकासक्रम को समझना।
- हिंदी की बोलियों का अध्ययन करना।
- हिंदी शब्द संपदा तत्सम, तद्भव, विदेशी, संकर आदि पर प्रकाश डालना।

Major Mandatory-3

□□□□□□□□□□ 3 □□□□□□ □□□□□□□□ – 1

- भारतीय साहित्य की अवधारणा का परिचय करना।
- भारतीय भाषा साहित्य और भारतीयता की पहचान करना।
- तुलनात्मक अध्ययन की अवधारणा समझना।
- साहित्य के प्रतिनिधि रचनाकारों का परिचय करना।
- साहित्य के अध्ययन हेतु उपन्यास टंट्या, प्रतिनिधि भारतीय कवि और कविता तथा प्रतिनिधि भारतीय कहानी और कहानिकारों का समीक्षात्मक अध्ययन करना।

Major Activity-1

□□□□□□□□□□ 4 □□□□ □□□□□□ □□□□□□□□□□

- हिंदी एवं मराठी प्रादेशिक लोक गीतों का परिचय करना।
- विभिन्न लोक गीतों का संकलन कर उनके अध्ययन हेतु छात्रों को प्रोत्साहित करना।
- हिंदी एवं मराठी प्रादेशिक लोक कलाकारों का साक्षात्कार लेकर उनके लोक साहित्य पर प्रकाश डालना।
- हिंदी एवं मराठी प्रादेशिक लोक गीतों का संवर्धन करना।

Major Elective-1

□□□□□□□□□□ 5 □□□□□□ □□□□□□□□ □□□□

- भक्तिकालीन कविता की पृष्ठभूमि से परिचय करना।
- निर्गुण काव्यधारा की विशेषताओं पर प्रकाश डालना।
- भारतीय संस्कृति के उत्थान में भक्ति काव्य का योगदान समझना।
- भक्तिकाल के संत कबीर के सामाजिक एवं धार्मिक विचारों का मूल्यांकन करना।
- कबीर के विचारों की प्रासंगिकता, काव्य दर्शन एवं रहस्यवाद से परिचित करना।
- कबीर की ग्रंथावली, रमैनी और कबीर के पदों का अध्ययन करना।

□□□□□□□□□□ 4 **Research Methodology** □□□□ □□□□□□□□

- हिंदी साहित्य की लेखन परंपरा का परिचय करना।
- हिंदी साहित्य लेखन के स्रोत की जानकारी लेना।
- छात्रों को अनुसंधान, प्रविधि एवं प्रक्रिया से परिचित कराना।
- छात्रों में अनुसंधान करने हेतु अभिरुचि को बढ़ाना।
- छात्रों में अनुसंधान करने हेतु दृष्टि विकसित करना।

M. A. Hindi I yr. 2 Semester

Major Mandatory-1

□□□□□□□□□□ 1 □□□□□□□□□□ □□□□□□□□□□□□□□




Principal
Balbhim Art's Science &
Commerce College, Beed

- पाश्चात्य साहित्य चिंतन परंपरा का अध्ययन करना।
- अधुनातन आलोचना की दृष्टि का अध्ययन करना।
- आलोचनात्मक क्षमता का विकास करना।
- साहित्य सृजन के संस्कार करना।
- समीक्षात्मक दृष्टि विकसित करना।
- साहित्य के अध्ययन हेतु पठन, चिंतन, आकलन, मूल्यांकन और सृजन हेतु दृष्टि विकसित करना पाठ्यक्रम का उद्देश्य है।

Major Mandatory-2

□□□□□□□□□□ 2 □□□□□□□□□□

- भाषा का वैज्ञानिक अध्ययन करना।
- भाषा अध्ययन की प्रक्रिया समझना।
- भाषा अध्ययन के ऐतिहासिक परिदृश्य का अध्ययन करना।
- हिंदी भाषा के उद्भव और विकास का परिचय करना।
- भाषा विकास और परिवर्तन का अध्ययन करना।

Major Mandatory-3

□□□□□□□□□□ 3 □□□□□□ □□□□□□□ - 2

- भारतीय साहित्य की अवधारणा का परिचय करना।
- भारतीय भाषा साहित्य और भारतीयता की पहचान करना।
- तुलनात्मक अध्ययन की अवधारणा समझना।
- साहित्य के प्रतिनिधि रचनाकारों का परिचय करना।
- साहित्य के अध्ययन हेतु नाटक बादल सरकार तथा भारतीय कविता और कहानियों का समीक्षात्मक अध्ययन करना।

Major Activity- 2

□□□□□□□□□□ 4 □□□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□□□

- हिंदी एवं मराठी प्रादेशिक साहित्य का परिचय करना।
- हिंदी एवं मराठी प्रादेशिक साहित्यकारों का साक्षात्कार लेकर उनके साहित्य पर प्रकाश डालना।
- हिंदी एवं मराठी प्रादेशिक साहित्यकारों के प्रति सम्मान एवं अपनत्व की भावना विकसित करना।

Major Elective- 2

□□□□□□ □□□□□□□□

- अनुवाद का स्वरूप, भेद, उसकी उपयोगिता एवं उसकी प्रक्रिया परिचय करना।
- साहित्यानुवाद के अंतर्गत काव्यानुवाद, कथानुवाद की प्रक्रिया और अनुवाद करते समय आनेवाली समस्याओं का परिचय करना।
- कार्यालयी तथा प्रशासनिक अनुवाद की प्रक्रिया समझना।
- वैज्ञानिक तथा तकनीकी अनुवाद की प्रक्रिया समझना।




Principal
Balbhim Art's Science &
Commerce College, Beed

- मीडिया अनुवाद की प्रक्रिया समझना।
- अनुवाद बनाम मशीनी अनुवाद कि संकल्पना और अंतर समझना।

On job Training/Field Project

- छात्रों को हिंदी विषय एवं भाषा को लेकर रोजगारों के अवसरों से परिचित करना।
- हिंदी साहित्य लेखन के अधुनातन स्रोत की जानकारी लेना।
- छात्रों को व्यावहारिक हिंदी और रोजगार की जानकारी देना।
- छात्रों की अनुवाद के क्षेत्र में अभिरुचि को बढ़ाना।
- छात्रों में अनुसंधान करने हेतु दृष्टि विकसित करना।

M. A. Hindi II yr. III Semester

Major Mandatory-7

□□□□□ □□□□□□ □□ □□□□□□ (□□□□□□ □□ □□□□□□ □□)

- हिंदी साहित्य के इतिहास से छात्रों को परिचित कराना।
- छात्रों में ऐतिहासिक दृष्टि विकसित करना।
- छात्रों को इतिहास के महत्व से अवगत कराना।

Major Mandatory-8

□□□□□□□□ □□□□□□

- मध्ययुगीन काव्य का परिचय कराना।
- मध्ययुगीन काव्य की विभिन्न धाराओं का अध्ययन कराना।
- मध्ययुगीन काव्य के शिल्प का बोध कराना।

Major Mandatory-9

□□□□□□ □□□□□□

- संचार के माध्यम से भाषा संप्रेषण कौशल को समझ पायेंगे।
- जनसंचार के विभिन्न माध्यमों के महत्व को स्पष्ट करना।
- विज्ञापन एवं धारावाहिक लेखन की प्रक्रिया को आत्मसात करना।
- माध्यम लेखन एवं सृजनात्मक लेखन के महत्व को स्पष्ट करना।
- मीडिया लेखन के माध्यम से रोजगार के अवसर प्राप्त होंगे।

Major Elective- 3

□□□□ □□□ □□□□□□ □□□□□□□□

- नाटक तथा एकांकी साहित्य का विकासात्मक अध्ययन करना।
- नाटक तथा एकांकी साहित्य: आस्वाद और आलोचना क्षमता का विकास करना।
- नाटक तथा एकांकी साहित्य और युगबोध की परख करना।

M. A. Hindi II yr. IV Semester

Major Mandatory-10

□□□□□□ □□□□□□ □□□□□□□□ □□ □□□□□□

- हिंदी साहित्य के इतिहास से छात्रों को परिचित कराना।
- छात्रों में ऐतिहासिक दृष्टि विकसित करना।




Principal
Balbhim Art's Science &
Commerce College, Beed

- छात्रों को इतिहास के महत्व से अवगत कराना।

Major Mandatory-11

आधुनिक □□□□□

- आधुनिक हिंदी साहित्य में कविता के महत्व को रेखांकित करना।
- हिंदी कविता की विषय वस्तु एवं कवि के दृष्टिकोण का परिचय कराना।
- कविता के विविध रूपों की समीक्षा करना।
- लंबी कविता के स्वरूप को समझना।
- विविध कवियों की कविताओं का मूल्यांकन करना।

Major Mandatory-12

□□□□□□□□□□ □□□□□

- प्रयोजनमूलक भाषा का सैद्धांतिक अध्ययन करना।
- □□□□ □□□□ □□ □□□□□ करना।

Major Elective- 4

व्यंग्य □□□□□□□

- व्यंग्य विधा से परिचित कराना।
- हास्य और व्यंग्य के बीच के अंतर को समझाना।
- व्यंग्य के माध्यम से सामाजिक, राजनीतिक समस्याओं को समझाना।

Department of Marathi

Course Outcomes COs: Marathi -2024-25

Cos U.G-I-NEP

-COs 1 साहित्यातील सौन्दर्यदृष्टी अवगत

-COs 2 सामाजिक संवेदनशीलता व मूल्य संस्करण

-COs 3 व्यावसायाभिमुख कौशल्य व इतर कौशल्ये विकसित

S.Y. B.A, B.Sc. Marathi Paper III&IV (Gadya Padya Upyojit Marathi)

CO1: Students will get introduced to thoughtful writings.

CO2: To create awareness about meaning and history of folk culture.

CO3: To introduce different trends in literature.

CO4: To understand of literary analysis.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO5: To apply literary syntax of Marathi language. 6

CO6: To enhance interest of learner in Marathi literature, different Ideology and types.

CO7: To introduce information technology and social news in media.

CO8: To develop art of living through literature.

CO9: To understand literature, science, official transactions.

S.Y.B. COM Marathi Paper II (S.L) Marathi bhasha ani vanijya vhavhar

CO1: To impart knowledge of Marathi language of commerce & business.

CO2: To understand use of language in offices, commerce field and business sector.

CO3: To understand the need and structure of language.

CO4: To develop writing skill of commerce language. CO5: To enhance competency through reading culture.

S.Y. B.A. Marathi Paper V (Opt.) Aadhunik Marathi vangmayacha itihhas. (1800-1920)

CO1: To study literature history after 1800.

CO2: To correlate social, cultural, social movement ideology during 1800-1920 on literature.

CO3: To understand the background, inspiration, importance of authors & their literary work in 1800-1920.

CO4: To study translated literature & different types of literature including periodic, story, poetry, novel, biography, autobiography.

S.Y.B.A, Marathi Paper Paper VI, VIII (Druk shravya Madhyamansathi lekhan kaushalya)

CO1: To introduce functioning and structure of radio language.

CO2: To acquire skills of radio anchor.

CO3: To understand production of different programmes on radio.




Principal
Balbhim Art's Science & Commerce College, Beed

CO4: To know different websites and webpages for media purposes. CO5: To develop critical thinking.

S.Y.B.A. Marathi Paper VII (Opt.) Aadhunik Marathi vangmayacha itihash. (1800-1920)

CO1: To introduce learners to theatre culture, tradition, development and emergence of Marathi theatre.

CO2: To familiarize with Annasaheb Kirloskar and his contribution.

CO3: To study translated literature & different types of literature such as periodic, story, poetry, novel, biography and autobiography.

CO4: To study poetry, biography, autobiography and their specialty. Keshavasut (Father of modern Marathi poetry) and his contemporary.

T.Y.B.A. Marathi Paper IX & XIII (OPT) (Bhartiy aani pashchimatyah sahityah vichar)

CO1: To introduce students with basic scientific - Indian and foreign literature.

CO2: To understand types of literature.

CO3: To develop clear concepts in literature.

CO4: To learn conveying of message through Marathi literature.

CO5: To learn various forms of realistic human character.

T.Y.B.A. Marathi Paper, X, XIV (Opt.) (Bhashah Vidnyan: Vyakaran v Nibandha)

CO1: To create awareness about the structural patterns of sounds in Marathi.

CO2: To inculcate ideas about history and development of Marathi language and its spoken forms.

CO3: To understand Marathi grammar.

CO4: To enhance pronunciation skill.

CO4: To understand Marathi grammar in various forms - word formation, suffix & prefixes.

CO5: To introduce learners to dialects of Marathi language.

T.Y. B.A. Marathi Paper XI (MAIN) Madhyayugin Marathi vangmayacha itihash. (Start to 1600)




Principal
Balbhim Art's Science &
Commerce College, Beed

CO1: To understand different ages of Marathi.

CO2: To understand Mahanubhav Sect and their contribution in Marathi literature.

CO3: Specialty of ideology, philosophy of mahanubhav sect & their literary work.

CO4: To understand contribution of Varkari sampraday (sects) and their literary work.

T.Y. B.A. Marathi Paper XI (MAIN) Madhyayugin Marathi vangmayacha itihās. (1601 - 1818)

CO1: To understand Panditi sahitya and their inspiration, specialty and structure.

CO2: To know pandit kavi and his literature.

CO3: To understand contribution of Shahiri literature, inspiration, structure and specialty.

T.Y.B.A. Marathi Paper XII & XVI (Main Project) after completion of the course, learners will be able to

CO1: Convey message or motto with a story.

CO2: To think independently.

CO3: To apply logic.

CO4: To enhance thinking ability and create interest in Marathi language.

एम .ए .मराठी प्रथम वर्ष

अ (आधुनिक मराठी वाङ्मयाचा इतिहास)१९२०-१९६०(

CO1: मराठी वाङ्मयाच्या इतिहासाचे कालखंड विद्यार्थी समजून घेऊन तयार होतात .

CO2: आधुनिक मराठी वाङ्मयाची पार्श्वभूमी विद्यार्थ्यांना माहिती होते.

CO3: आधुनिक वाङ्मयातील विविध वाङ्मय प्रकारांबद्दल विद्यार्थ्यांमध्ये जिज्ञासा निर्माण होते.

CO4: साहित्यातील स्थित्यंतराबद्दल विद्यार्थी माहिती करून घेतात .

CO5: वाङ्मयीन नियतकालिकांविषयीचे विद्यार्थ्यांचे ज्ञान अधिक प्रगल्भ होते.

आ (भाषाविज्ञान -वर्णनात्मक व ऐतिहासिक

CO1: विद्यार्थी भाषेच्या स्वरूपाबाबत अवगत होतात .

CO2: स्वनविचार, स्वननिर्मिती प्रक्रिया विद्यार्थ्यांना माहिती होते.




Principal
Balhim Art's Science & Commerce College, Beed

CO3: भाषेच्या वाक्यविचाराविषयीचे विद्यार्थ्यांचे आकलन अधिक वाढते.
CO4: भाषेतील संरचनावादाविषयी विद्यार्थ्यांना माहिती होते.

इ (अनुवाद विचार सैद्धांतिक आणि उपयोजन

CO1: विद्यार्थ्यांमध्ये मराठी साहित्यातील अनुवादाची जाणीव निर्माण होईल.
CO2: अनुवादाचे स्वरूप व प्रकार विद्यार्थ्यांना समजतील.
CO3: अनुवाद प्रक्रियेतील घटकांचा अभ्यास करता येईल.
CO4: अनुवादित कलाकृतींचे स्वरूप समजण्यास मदत होईल .

ई (एका लेखकाचा विशेष अभ्यास :ना.धो.महानोर

CO1: आधुनिक कालखंडातील लेखकांचा परिचय विद्यार्थ्यांना होतो .
CO2: एका लेखकाच्या अभ्यासाच्या विविध पद्धतीविषयी विद्यार्थी ज्ञात होतात .
CO3: यशवंतराव चव्हाण एक श्रेष्ठ लेखक म्हणून विद्यार्थ्यांचे आकलन होते.
CO4: ऋणानुबंध, कृष्णाकाठ या ग्रंथाविषयीचे विद्यार्थ्यांचे आकलन अधिक वाढते .

एम .ए .व्दितीय वर्ष

Cos P.G-II-NEP

- COs 1मराठी वाण्मयाचा इतिहास अवगत
- COs 2लोकसाहित्य व लोकसंस्कृती मूल्य संस्करण
- COs 3व्यावसायाभिमुख कौशल्य व इतर कौशल्ये विकसित
- COs 4 समीक्षेची संकल्पना व प्रकार अवगत
- COs 5 अनुवादित कलाकृतींचे ज्ञान अवगत
- COs 6 समकालीन साहित्याचा परिचय

Department of Urdu

Course Outcomes(B.A,B.SC,B.COM)

First year NEP 2020 syllabus

Learning Objectives of the Course




Principal
Balbhim Art's Science &
Commerce College, Beed

The curriculum aims to empower students to :-

- i) Enhance their critical thinking and understanding through the study of diverse Urdu poetry & prose genres.
- ii) Absorb the values of national, moral, social and cultural harmony integrated with linguistic education.
- iii) Urdu, as a civilized & cultured language, empowers students to become responsible citizens & well-rounded individuals.
- iv) Develop a deeper appreciation and creative expression in various Urdu poetry & prose genres.

Course Outcomes

After completing this curriculum students will :-

- i) Develop a passion for poetry and literature, fostered by the exploration of diverse Urdu genres.
- ii) Embody national, moral, social and cultural harmony integrated with linguistic education.
- iii) Urdu, as a civilized & cultured language, empowers students to become responsible citizens & well-rounded individuals.
- iv) Acquire a deeper understanding and creative expression in various Urdu poetry & prose genres, unlocking their potential as literati.

Sr.no	Class	Semester	Paper Name	Outcomes
1	F.Y. (B.A.B.sc .B.com) S.L	I	Afsana, Inshaiya,KhakaaurT arjumanigari	1.Deep comprehension of literary, cultural, and linguistic skills. 2.Practical ability to write and translate in various styles. 3.Expanding linguistic knowledge and improving literary expression.
2.		II	DastanNovel,dramaa urtalkheesnavisi	1.Enhanced Literary Insight: A deeper appreciation for Urdu literature's richness and diversity. 2.Improved Analytical Skills: The ability to critically engage with texts, identifying themes, structures, and stylistic choices. 3.Creative Development: Improved ability to write and analyze literary works like novels, plays, and critical essays.




Principal
Balbhim Art's Science &
Commerce College, Beed

				4. Professional Preparedness: Skills applicable in fields like teaching, journalism, scriptwriting, and literary translation.
3.	B.A .F.Y.	I	Ghazal, Ilm e bayanaurTaqtee	<p>1.Enhanced Poetic Skills: Ability to compose and analyze Ghazals and other forms of Urdu poetry with precision and creativity.</p> <p>2.Improved Linguistic Proficiency: Deeper understanding of Urdu's aesthetic and structural aspects through rhetoric and prosody.</p> <p>3.Cultural Appreciation: Broader knowledge of Urdu literary heritage and its artistic expressions.</p> <p>4.Academic and Professional Growth: Skills applicable in poetry writing, teaching, literary analysis, and cultural studies.</p>
4.	B.A.F.Y.	I	KhususiMutalea:NazirAkbarabadi	<p>1.Enhanced Literary Understanding: A deeper appreciation of NazirAkbarabadi's role in shaping Urdu literature and his relevance in modern times.</p> <p>2.Cultural Awareness: Broader knowledge of 18th-century Indian life and society as reflected in his poetry.</p> <p>3.Critical Thinking Skills: Improved ability to analyze literary works and their societal implications.</p> <p>4.Creative Inspiration: Inspiration to explore non-conventional themes and styles in poetry and prose.</p>
				1.Literary Knowledge: A solid foundation in the history and techniques of Afsana writing.




Principal
Balbhim Art's Science &
Commerce College, Beed

5.	B.A.F.Y.	II	Afsana	<p>2.Analytical Abilities: Enhanced critical thinking and literary analysis skills.</p> <p>3.Creative Expression: Improved storytelling skills and the ability to write impactful short stories.</p> <p>4.Cultural Insight: Broader understanding of social, cultural, and human issues as reflected in Urdu literature.</p>
6.	B.A.F.Y.	II	Urdu mein hajj kesafar name	<p>1.Enhanced Literary Understanding: Broader knowledge of the travelogue genre, especially its religious and cultural dimensions in Urdu literature.</p> <p>2.Cultural and Spiritual Awareness: Deeper appreciation for the significance of Hajj and the diversity of Muslim cultures.</p> <p>3.Creative and Analytical Growth: Improved ability to analyze and compose travelogues, blending factual and emotional narratives.</p> <p>4.Preservation of Heritage: Understanding how Hajj Safar Nama serves as a cultural document, preserving the experiences of pilgrims over time.</p>
7.	S.Y(B.A. B.sc.B.com) S.L	III IV	Ghazal,NazamaurII m-e-Bayan	<p>1.Enhanced Literary Knowledge: A comprehensive understanding of Ghazal and Nazm as poetic forms and their contribution to Urdu literature.</p> <p>2.Cultural and Historical Awareness: Appreciation of the socio-cultural and historical significance of Urdu poetry and rhetoric.</p> <p>3.Improved Writing Skills: Ability to compose and analyze poetry using classical and modern techniques.</p> <p>4.Critical Thinking: Enhanced skills in interpreting and critiquing literary works with a focus on their aesthetic and thematic elements.</p> <p>5.Creative Growth: Inspiration and tools for creative self-expression in poetry and prose.</p>




Principal
Balbhim Art's Science & Commerce College, Beed

8.	B.A.S.Y.	IV	Qasida, Marsiya, Masnaviaur Rubai	<p>1.Literary Knowledge: Gain a comprehensive understanding of classical Urdu poetic forms and their significance in literature.</p> <p>2.Cultural and Historical Awareness: Broader appreciation of the cultural, historical, and religious contexts reflected in these genres.</p> <p>3.Analytical Skills: Improved ability to analyze and critique classical poetry for its structure, themes, and literary devices.</p> <p>4.Creative Development: Enhanced ability to compose poetry in diverse forms, experimenting with themes and styles.</p> <p>5.Connection to Heritage: Deeper connection to the rich heritage of Urdu poetry and its diverse expressions.</p>
9.	B.A.S.Y.	III	Desktop publishing-I	<p>1.Design Expertise: Ability to create visually appealing and professional layouts for various printed and digital media.</p> <p>2.Software Proficiency: Practical knowledge of industry-standard DTP software for real-world applications.</p>
10.	B.A.S.Y.	IV	Drama nigari	<p>1.Proficient Playwriting Skills: Ability to write full-length or one-act plays that demonstrate an understanding of structure, character, and theme.</p> <p>2.Enhanced Literary Analysis: Improved ability to read, analyze, and critique dramatic works.</p> <p>3.Practical Knowledge of Theatre Production: Insight into the production process, from scriptwriting to performance.</p> <p>4.Creative and Critical Thinking: Development of creativity and critical thinking in storytelling and writing.</p> <p>5.Career Preparedness: Skills applicable in theatre, film, television, and other storytelling mediums.</p>



Principal
Balbhim Art's Science &
Commerce College, Beed

11.	B.A.S.Y.	IV	Desktop Publishing-II	<p>1.Effective Communication: Improved ability to communicate ideas through visual design, enhancing the impact of materials.</p> <p>2.Career Readiness: Skills applicable in industries like publishing, advertising, marketing, and graphic design.</p>
12.	B.A.T.Y	V	Maktoob	<p>1.Improved Communication Skills: Ability to write clear, thoughtful, and effective letters in various formats.</p> <p>2.Cultural and Historical Insights: Deeper understanding of cultural, philosophical, and historical contexts through the study of letters.</p> <p>3.Philosophical and Moral Reflection: Gain wisdom from the letters of great thinkers, enhancing personal growth and ethical understanding.</p> <p>4.Creative Development: Development of creative writing skills, using Maktub as a form of artistic expression.</p> <p>5.Critical Analysis: Enhanced ability to interpret and critique written communication in its various forms.</p>
13..	B.A.T.Y.	V	Inshaiya	<p>1.Improved Writing Proficiency: Ability to write essays that are well-structured, clear, and compelling, demonstrating mastery over the writing process.</p> <p>2.Enhanced Analytical Skills: Stronger ability to think critically and analyze topics deeply, presenting a clear and cohesive argument.</p> <p>3.Research and Argumentation Skills: Ability to conduct research, present evidence, and build well-supported arguments in essays.</p> <p>4.Creative and Reflective Writing: Enhanced creative thinking and reflection through</p>




Principal
 Balbhim Art's Science &
 Commerce College, Beed

				<p>writing, exploring both personal and academic topics.</p> <p>5.Cultural Sensitivity: Improved awareness of cultural and societal issues, writing essays that reflect a deep understanding of these themes.</p>
14.	B.A.T.Y.	V	AdabiTanqueed	<p>1.Critical Analysis Expertise: Ability to analyze, interpret, and evaluate literary works using various critical frameworks.</p> <p>2.Enhanced Understanding of Literature: Gain a deeper, more nuanced understanding of literature and its impact on society, culture, and history.</p> <p>3.Improved Writing Skills: Ability to articulate literary critiques and arguments effectively and persuasively in written and oral formats.</p> <p>4.Broad Knowledge of Literary Traditions: Exposure to diverse literary movements, genres, and cultural contexts, enhancing overall literary awareness.</p> <p>5.Intellectual Development: Cultivate critical thinking, intellectual curiosity, and an appreciation for the complexity of literature.</p>
15.	B.A.T.Y.	V	Project work	Project work

Department of History

Course outcomes

B.A. Ist Year

Semester I

Paper I: History of India (Up to 300BC)

CO1: To study various types of sources in history.

CO2: To put forth socio,- economic and religious history of India.

CO3: To Understand various concepts in ancient India.




Principal
Balbhim Art's Science &
Commerce College, Beed

Paper II: History of Buddhism.

CO1: TO study the sources of Buddhism.

CO2: Understand life and philosophy of Gautama.

CO3: TO Sensitize about the impact of Buddha.

Paper III: Study in Museology

CO1: Study the basic concept of Museology.

CO2: Create awareness about museology.

CO3: Put forth importance of Museology.

Semester II

Paper IV: History of India (300B.C-650A.D)

CO1: Course outcomes student include knowledge.

CO2: Practical skills professional development attitude.

CO3: Thinking skill achievement.

Paper V: History of Jainism

CO1: To learn Indian reason and philosophy.

CO2: The student will be introduced with the religions history of India.

CO3: To learn the prachin tradition with course by the creation and ceremony.

CO4: Buddhism and Jainism and some contempory sect like ajavika charvaka and loksankhya.

Paper VI Study in Archaeology

CO1:Development and awareness of intercultural influences.

CO2: Exchanges between different culture groups and the mechanisms which days operated in
the past.

CO3: Acquire knowledge of the geography of religions of interested and how this has
affected
the rise.

B.A. IInd Year




Principal
Balbhim Art's Science & Commerce College, Beed

Semester III
Paper VII History of Colonial India.

CO1: Describe foundation of the Mughal Empire by BabarConquestt and the Afghan despotism of Sher Shah.

CO2: Know economic prosperity and cultural splendor under mughal .

CO3: Discrimination Anglo Mysore wars and consolidation of the British power in the south.

Paper VIII History of Medieval India.

CO1: Understand the political situation of India on the eve of Babars invasion.

CO2: Grasp territorial expansion of Mughal Empire.

CO3: Understand the emergency and consolidation of sher-sha.

CO4: Grasp the Mughal concept at divine theory of king ship and state.

Semester IV
Paper IX History of Europe.

CO1: Understand learn political and economic structure of feudal society in 15 century and it crisis in 18 centuries.

CO2: Describe French revolution Era of Napoleon.

CO3: Gather knowledge about the nature feudal society regional variation crisis in feudalism and transition debate.

Paper X History of modern India

CO1: Assess use and synthesize different kinds of evidence from a variety of historical sources

to make a coherent argument about the period under study.

CO2: Understand the influence of political ideologies, economic structure, social organization,

cultural perception and natural environment on historical event.




Principal
Balbhim Art's Science & Commerce College, Beed

CO3: Compare eras and regions in order to define enduring issues.

Semester V

Paper XI History of modern China.

CO1: The history of China and Japan deals the political social and economic affairs.

CO2: Different diplomatic treaties to rule over Asian continent.

CO3: Deals with the future of European interaction with China and Japan during world war.

CO4: The growth of communism the establishment of people republic of China.

CO5: Cultural revolution of China and constitutional movement of Japan.

Paper XII Paper-History of Sufism in India.

CO1: The course will result to gain entry in administrative services.

CO2: It will lend a hand to the student to get involve in research related with historical facts.

CO3: Student can pursue their post- graduation in archaeology.

CO4: Student can also opt for law.

CO5: Student can also opt for journalism.

Paper XIII Issues of Depressed Classes in India

CO1: Historical, social, and economic inequalities.

CO2: The progresses made in recent decades

CO3: The major issues and their outcome.

Semester VI

Paper XIV History of Rajput's

CO1: The history of the Rajput's

CO2: Rajput dynasties such as the Chauhans, Rathores, and Sisodias.

CO3: the Mughal expansion, with notable rulers like Rana Pratap and Maharana Kumbha symbolizing Rajput resilience.

CO4: Understanding their history offers insights into the dynamics of feudalism, warfare, and regional politics in medieval India.

Paper XV Study of Archives




Principal
Balbhim Art's Science & Commerce College, Beed

- CO1: The management, preservation, and accessibility of historical documents and records.
- CO2: A comprehensive understanding of archival theory, practices, and ethics.
- CO3: Digitization, conservation techniques, and cataloging tools.
- CO4: Various types of archival materials, how to implement archival policies, and how to manage digital and physical records efficiently.

Paper XV Dr. Babasaheb Ambedkar and his movement

- CO1: To provide students with an in-depth understanding of Ambedkar's life, his contributions to social justice, and his role in shaping modern India.
- CO2: It explores his advocacy for the rights of marginalized communities, particularly the Dalits, and his relentless fight against caste discrimination.
- CO3: Ambedkar's role in the drafting of the Indian Constitution, emphasizing his vision for a just and equitable society.

M.A. Ist Year

Semester I

Paper 101: History of Ancient India (B.C. 300 to 650 A.D.)

- CO 1: Understanding Political Developments –The rise and fall of major dynasties such as the Mauryas, Shungas with their administration, military conquests, and governance.
- CO 2: Examining Socio-Economic Changes – Examine changes in social structures, caste system evolution, trade networks and urbanization.
- CO 3: Cultural and Religious Transformations – Study the growth of Buddhism, Jainism, Hinduism, and their philosophical schools.
- CO 4: Assessing Art, Architecture, and Science – Evaluate the contributions of this period in art, literature, science, and technology, which influenced later historical developments.

Paper 102: History of Maratha (1630-1707)




Principal
Balbhim Art's Science & Commerce College, Beed

- CO 1: Student will develop the ability to analyse sources for Maratha History.
- CO 2: Student will learn significance of regional history and political foundation of the region.
- CO 3: It will enhance their perception of 17th century Maharashtra and India in context of Maratha history.
- CO 4: Appreciate the skills of leadership and the administrative system of the Marathas.

Paper 103: History of Medieval India (1526-1757)

- CO 1: Students will gain knowledge about historical sources for interpreting the Delhi Sultanate.
- CO 2: It will provide a clear idea to the students about the socio- economic and cultural aspects during the period of sultanate.
- CO 3: Students will also realize the religion, Sufism etc.

Paper 104: Heritage tourism in Marathwada (Aurangabad and Jalna district)

- CO 1: Heritage tourism in Marathwada, especially in the districts of Aurangabad and Jalna.
- CO 2: potential outcomes that could arise from developing this type of tourism.
- CO 3: Increased Revenue: Heritage tourism can contribute to the local economy through visitor spending on accommodations, food, transportation, and souvenirs.
- CO 4: Job Creation: Local employment opportunities can be created in various sectors.

Paper 103: History of Maratha (1707-1818)

- CO 1: The period between 1707 and 1818 was crucial in the history of the Maratha Empire, marked by significant battles, leadership changes, and expansion efforts.
- CO 2: After the death of the Mughal emperor Aurangzeb in 1707, the Marathas under Chhatrapati Shivaji's successors grew in power.




Principal
Balbhim Art's Science & Commerce College, Beed

CO 3: The Marathas, led by figures like the Peshwa Baji Rao I, expanded their territories across much of India, challenging Mughal dominance.

CO 4: Internal conflicts, such as the succession struggle between different factions

Paper 105: Research Methodology in History

CO1: In a History course, the research methodology focuses on the systematic process used to investigate and interpret historical events.

CO2: The methodology includes selecting a topic, formulating a research question, and identifying sources.

CO 3: Researchers assess the credibility and relevance of sources, employing critical analysis to evaluate their perspective, bias, and context.

CO 4: Data collection involves examination of archives, libraries, and other historical records.

Semester II

Paper 201 : Dimension of Ambedkar

CO1: The dimensions of Ambedkar's course of outcome reflect his deep commitment to social justice, equality, and empowerment.

CO2: His vision was rooted in the upliftment of marginalized communities, particularly the Dalits, who faced systemic oppression and discrimination.

CO3: The core of Ambedkar's outcome-focused course can be seen in his efforts to secure legal, educational, and political rights for these communities.

CO4: Key dimensions include: Social Equality: Ambedkar advocated for the eradication of the caste system, aiming for a society based on equal opportunities, respect, and dignity for all individuals.

Paper 202 : History of United State of America (1900-1990)

CO1: The history of the United States from 1900 to 1990 is marked by significant political,




Principal
Balbhim Art's Science & Commerce College, Beed

Social, and economic changes.

CO2: At the turn of the century, the U.S. emerged as a global power after the Spanish-American

War in 1898, gaining territories like Puerto Rico and the Philippines.

CO3: The early 20th century saw the rise of industrialization and the Progressive Era, which pushed reforms on labour, women's suffrage, and corporate regulations.

CO4: World War I (1914-1918) and the Great Depression (1929) profoundly affected the nation,

leading to Franklin D. Roosevelt's New Deal programs in the 1930s.

Paper 203 :History of contemporary India (1947-2000)

CO1: The history of contemporary India from 1947 to 2000 is marked by significant political, social, and economic developments.

CO2: Following independence in 1947, India adopted a democratic framework with the establishment of the Republic in 1950.

CO3: The early years were shaped by the leadership of Jawaharlal Nehru, who focused on nation-building, industrialization, and non-alignment in foreign policy.

CO4: India faced challenges such as communal tensions, the Kashmir issue, and the integration of princely states.

Paper 205 : Heritage tourism in Marathwada (Beed and Osmanabad district)

CO1: Historical Sites: Beed and Osmanabad boast ancient forts, temples, and monuments, showcasing Marathwada's rich history.

CO2: Cultural Festivals: Traditional festivals offer insights into local customs and crafts.

CO3: Rural Heritage: Explore rural landscapes, reflecting traditional farming and village life.

Paper 206: Writing History from Below

CO1: The "History from Below" course focuses on examining history from the perspective of




Principal
Balbhim Art's Science &
Commerce College, Beed

ordinary people rather than political elites or major historical figures.

CO2: It encourages exploring the lives, struggles, and contributions of marginalized groups, such

as workers, women, peasants, and indigenous people, challenging traditional narratives that often overlook their roles in shaping history.

CO3: By emphasizing grassroots movements, social justice, and collective action, this approach

offers a more inclusive and diverse understanding of the past.

Semester III

Paper 301 :History of Contemporary world (1939-2000)

CO1: The "History of the Contemporary World, 1939-2000" course typically explores key global

events and developments in the 20th century.

CO2: Beginning with the outbreak of World War II, the course examines its impact on global politics, economies, and societies.

CO3: It highlights the division of the world into two ideological blocs:

CO4: The capitalist West, led by the United States, and the communist East, led by the Soviet Union, setting the stage for the Cold War.

Paper 302 :History of Sultan Era in India (1206 - 1526)

CO1: The Sultanate era in India, spanning from 1206 to 1526, marked a significant phase in the

country's medieval history.

CO2: It began with the establishment of the Delhi Sultanate under Qutb-ud-Din Aibak, a former slave general of Muhammad Ghori.

CO3: The era witnessed the rise of five major dynasties: the Mamluks, Khaljis, Tughlaqs, Sayyids, and Lodis.

CO4: During this period, the political landscape of India underwent profound changes, with the




Principal
Balbhim Art's Science & Commerce College, Beed

introduction of Islamic rule, urbanization, and the expansion of trade.

Paper 303 :Women's movement in India

CO1: Women's Movement in India provides a comprehensive understanding of the historical, social, and political struggles of women in India.

CO2: Students will explore the roles of various leaders, such as Sarojini Naidu, Kamini Roy, and other pivotal figures.

CO3: The course highlights the intersectionality of the women's movement, considering factors like caste, class, and religion.

CO4: Students will also examine the legal reforms and policies aimed at protecting women's rights, along with the challenges still faced by women in rural and urban settings.

Paper 304 :Management of Tourism

CO1: The "Management of Tourism" course aims to provide students with a comprehensive understanding of the tourism industry, its components, and its dynamics.

CO2: Upon completion of the course, students will be able to analyze and evaluate the impact of

tourism on economies, cultures, and the environment.

CO3: They will develop the skills necessary to manage tourism businesses and destinations, including marketing strategies, customer service, and sustainable tourism practices.

CO4: Additionally, students will learn about the roles of various stakeholders in tourism, such as

government bodies, tour operators, and local communities.

Paper 305 : Source in Historical Research

CO1: In a historical research course, the outcome typically involves developing the ability to critically analyze and interpret primary and secondary sources.

CO2: Students are expected to gain skills in sourcing, evaluating, and synthesizing historical evidence to construct well-supported arguments.




Principal
Balbhim Art's Science & Commerce College, Beed

- CO3: By the end of the course, learners should be able to: Understand the different types of historical sources, including archival documents, artifacts, and oral histories.
- CO4: Evaluate the reliability and bias of sources, taking into account their context and purpose.

Semester IV

Paper401: History of China

- CO1: The "History of China" course aims to provide students with a comprehensive understanding of China's rich and diverse historical development from ancient times to the present.
- CO2: By exploring key political, social, cultural, and economic events, students will gain insights into the evolution of Chinese civilization, including the rise and fall of dynasties, the influence of Confucianism, the impact of foreign invasions, and the transformation of China in the modern era.
- CO3: The course will cover significant historical milestones such as the Qin Dynasty, the Tang and Song Golden Ages, the Mongol Empire's impact, the Opium Wars, the Chinese Revolution, and the rise of the People's Republic of China.
- CO4: Students will also analyze China's role in the global context and examine themes like modernization, nationalism, and the relationship between tradition and changes.

Paper402: History of SAARC Countries

- CO1: The course on the History of SAARC countries aims to provide students with a comprehensive understanding of the political, social, and economic history of the member countries: Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, and Sri Lanka.




Principal
Balbhim Art's Science & Commerce College, Beed

- CO2: The course explores the historical evolution of these countries, from their colonial pasts to their post-independence challenges.
- CO3: Key topics include the impact of British colonial rule, the partition of India, the Cold War, regional conflicts, and the emergence of SAARC as a regional cooperative organization in 1985.
- CO4: Students will critically analyze the regional dynamics, cooperation efforts, and tensions between the nations, understanding how these factors shape contemporary South Asia.

Paper403: Study of Muscology

- CO1: The course on Muscology aims to provide students with a comprehensive understanding of muscle structure, function, and physiology.
- CO2: Upon completion, students will be able to identify and describe the major muscle groups in the human body, explaining their roles in movement, posture, and overall bodily function.
- CO3: They will gain insights into the mechanisms of muscle contraction, the importance of muscle fibres, and the impact of exercise on muscular health.
- CO4: The course also emphasizes the relationship between muscles and the nervous system, including how muscles are controlled and co-ordinated.

Paper404: Thinker of Modern Maharashtra

- CO1: The "Thinkers of Modern Maharashtra" course introduces students to the influential social reformers, philosophers, and intellectuals who played pivotal roles in shaping the socio-political landscape of Maharashtra in the modern era.
- CO2: The course explores the lives, thoughts, and contributions of key figures such as Jyotirao Phule, Dr. B.R. Ambedkar, and Shahu Maharaj, who were instrumental in challenging social hierarchies, promoting education, and advocating for equality and justice.
- CO3: By examining the reform movements, their ideas on caste, gender, and social justice, the course offers insights into the struggles for empowerment and change.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO4: Students will gain a deep understanding of how these thinkers

Department of Political Science

Course Outcomes

B. A. First Year

Semester I (2024-25)

DSC-Pol-01: Introduction to Political Science

CO1	Theoretical aspects of Political Science, and will learn about its basic concepts state and government
CO2	The origin, structure and functioning of state and government.
CO3	Understand the dynamics of live politics in the context of political theory
CO4	Basic concepts liberty, equality, and justice.
CO5	Distinctions and relevance of these concepts.

GE/OE 1: Basics of State and Government

CO1	Understand origin, constituents, purpose, structure and functioning of the state and government.
CO2	Analyze the better form of government around the world.
CO3	To understand the difference between state and government

SEC-I: Human Rights

CO1	Explain the basic concept of Human Rights and its various formulations.
CO2	Have sufficient knowledge and skills for analyzing, interpreting, and applying the Human Rights Standards and sensitize them to the Issues.
CO3	Develop ability to critically analyze Human Rights violations around them and become a volunteer.

Semester

DSC-Pol-2: Indian Constitution and Government




Principal
Balbhim Art's Science & Commerce College, Beed

CO1	Aware of the making, sources and features of the Indian constitution.
CO2	Known about structure and functioning of Indian Government
CO3	Acquainted of dynamics in Indian politics
CO4	Able to understand and to analyze party politics, federal system, elections and democratic values.

GE/OE: 2- Pol-GE/OE 2: Introduction to Foreign Policy	
CO1	To study the framing, means and goals of foreign policy.
CO2	To understand the objectives and principles of India's foreign policy.

VSC 1-Pol-VSC-1: Election Management	
CO1	Acquire skills of election management.
CO2	Assist political parties or candidates in managing their electorate.
CO3	Provide Professional solutions to run an election campaign for a political party or any independent candidate.

B.A. Second Year

Semester III (2024-25)

Paper V - State Politics of Maharashtra	
CO 1	Establish pattern of Maharashtra State.
CO 2	To examine the government and non-government responses.
CO 3	To History of the Freedom Movement in India Collected from the Bombay Government Records and Understand Historical and Political Background of Maharashtra.
CO 4	To Explain Structure and Functions of State Government in India and Understand the Political Process of Maharashtra.
CO 5	Establish pattern of Maharashtra State.

Paper VI - Theories of International Relations	
CO 1	Discuss meaning, nature, scope and significance of International relations



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

CO 2	Explain main approaches to the study of International relations
CO 3	Describe India's foreign policy in regards of its principles and objectives
CO 4	Explain concepts of National Interest, National Power and Deterrence
CO 5	Describe Balance of Power and NAM

Semester IV

Paper VII - State Politics of Maharashtra	
CO 1	Write down structure and functions of Panchayati Raj in Maharashtra
CO 2	Write down importance of Panchayati Raj in Maharashtra
CO 3	Explain ideology and programmes of main National political parties in Maharashtra
CO 4	Explain ideology and programmes of main domestic political parties in Maharashtra

Paper VIII- Theories of International Relations	
CO 1	Identify relevance of Collective security and UNO in international environment
CO 2	Identify major issues like terrorism and environmentalism in internationalism
CO 3	Outline structure and functions of international organisations such as IMF, WB, WTO
CO 4	Explain organisation of SAARC and ASEAN

B.A. Third Year

Semester V




Principal
Balbhim Art's Science & Commerce College, Beed

Paper IX - Indian Political Thinkers	
CO 1	Write down views of Raja Ram Mohan Roy on Religion and Social and Political system of India.
CO 2	Describe religious, political and social thoughts of Dayanand Saraswati
CO 3	Explain liberal and political thoughts of Gopal Krishna Gokhale
CO 4	Recall views of Lokmanya Tilak on Nationalism and Social reform
CO 5	Write Mahatma Gandhi's views on religion and explain his concept of "Ram Rajya"

Paper X - Western Political Thinkers	
CO 1	To Understand the Ideas of Western Political Thinkers and its Relevance.
CO 2	To Understand the Views of Western Political Thinkers.
CO 3	To explain the views of Plato and Aristotle's on Various Political Concepts and how he is Father of Political Science.
CO 4	To know ideas of Machiavelli about modern political science and social contract theory of Hobbes and Locke.
CO 5	To Understand the Ideas of Western Political Thinkers and its Relevance.

Paper XI - Political Ideologies	
CO 1	Classify major political ideologies
CO 2	Describe Nationalism
CO 3	Describe Feminism
CO 4	Discuss on Liberal ideology

Semester VI

Paper XIII - Indian Political Thinkers	
CO 1	Write views of Maulana Azad on religion and politics and Hindu-Muslim Unity. Explain his ideas of nationalism and synthesis nationalism




Principal
 Balbhim Art's Science &
 Commerce College, Beed

CO 2	Explain Views of J. Nehru on democracy and socialism, nationalism and internationalism
CO 3	Recall critique of Marxism by M. N. Roy and explain his radical thoughts
CO 4	Recall relevance of thoughts of Dr. Ambedkar and his views on religion, society, democracy and economy
CO 5	Explain idea of total revolution by Jaya Prakash Narayan

Paper XIV - Western Political Thinkers	
CO 1	Classify theory of Social Contract of Rousseau
CO 2	Describe views of Jeremy Bentham on State, Government and Rights and Utilitarianism
CO 3	Explain Marxism and its importance
CO 4	Write down Laski's views on Liberty
CO 5	Classify theory of J. S. Mill

Paper XIV - Political Ideologies	
CO 1	Describe socialism and communism
CO 2	Understand Anarchism
CO 3	Indicate the need of Environmentalism in politics
CO 4	Criticize ideology of fascism

**M. A. First Year
Semester I**

PSM-01-Introduction to Political Theory	
CO1	Explain the evolution and significance of political theory.
CO2	Analyze and compare different traditions in political theory and how they persisted and changed over time.
CO3	Evaluate and apply different approaches in traditional and modern political theory.




Principal
Balbhim Art's Science & Commerce College, Beed

CO4	Assess the perspectives on the decline and revival of political theory.
CO5	Comprehend the uses and the practical applications of political theory.

PSM-02-ComparativePolitics

CO1	Define and explain the key concepts in Comparative Politics.
CO2	Evaluate and compare different analytical approaches used in Comparative Politics.
CO3	Analyze the development and significance of Constitutionalism.
CO4	Examine the different processes in Comparative Politics and how political context influences them.

PSM-03InternationalRelations

CO1	Explain key concepts, theories, and actors in International Relations.
CO2	Describe the evolution and features of the international system.
CO3	Analyze the significance of sovereignty, power, etc., in International Relations.
CO4	Critically assess and compare different theories and approaches in the field.
CO5	Recognize and interpret emerging trends in global politics such as globalization, multilateralism, etc.
CO6	Analyze and evaluate global challenges and emerging issues, such as security, climate change, etc.
CO7	Understand the process, challenges, and impact of regional organizations in world politics.

PSM-04AnIntroductiontoResearch

CO1	Explain the purpose and significance of research and its basic elements.
CO2	Differentiate between various methods and applications in research.
CO3	Understand the scientific methods and variables used in research studies.
CO4	Apply the steps involved in the research process.
CO5	Design a sampling plan appropriate for a research study.
CO6	Identify and describe the elements of research design.
CO7	Develop a research plan suitable for different types of research designs.
CO8	Select and apply appropriate methods for data collection in research studies.

PSE-01GandhianThoughts

CO1	Recognize the diverse social and religious influences that shaped
------------	---



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

	Gandhi's thought and understand their impact on his philosophy.
CO2	Analyze and interpret the fundamental concepts in Gandhian thought.
CO3	Evaluate Gandhi's doctrine of passive resistance and its implications for social and political change.
CO4	Critically examine Gandhi's vision of an ideal state.
CO5	Assess the relevance and applicability of Gandhi's social and political ideas.
CO6	Understand Gandhi's perspective on global peace and explore ways to promote tolerance, harmony, forgiveness, political dialogue, and conflict resolution.
CO7	7. Engage in discussions on the relevance and significance of Gandhian thought in addressing contemporary social, political, and global challenges.




Principal
Balbhim Art's Science & Commerce College, Beed

Semester II

PSM-05 Issues in Global Politics	
CO1	Develop a holistic understanding of global issues, their interconnections, and the implications for global governance.
CO2	Evaluate the role of debates in shaping international relations and the policy-making process.
CO3	Analyse the ethical considerations that inform decision-making in global affairs.
CO4	Gain an understanding of key concepts related to peace, conflict, disarmament, and International agreements.
CO5	Identify and analyze traditional and non-traditional security challenges, considering their impact on global stability.
CO6	Understand the complexities of armed conflicts and the dynamics of humanitarian intervention.
CO7	Gain knowledge of diplomatic negotiations, mediation, and peace agreements as mechanisms for resolving conflicts.
CO8	Critically analyse global issues such as economic inequality, poverty, social justice, etc.

PSM-06 Western Political Thought	
CO1	Understand and evaluate key ideas and concepts in ancient and medieval political thought.
CO2	Analyse and critically assess ideas of the separation of politics from ethics and religion during the Renaissance period.
CO3	Engage with the various political theories and concepts.

PSM-07 Politics in India: State Perspective	
CO1	Identify and discuss the key developments and changes in Indian politics before and after independence.
CO2	Analyse Indian politics using multiple perspectives.
CO3	Understand the federal structure of India and the interplay between the Union and the States.
CO4	Evaluate the division of powers within the Indian federal structure.
CO5	Analyse the role of regional groups in national politics.
CO6	Analyse the influence of identity politics and its impact on secularism
CO7	Examine the role and functions of the Governor

PSE-4 Electoral Process in India	
CO1	Demonstrate knowledge of the election process in India.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO2	Understand the roles and responsibilities of the national and State Election Commissions in ensuring the smooth functioning of the electoral system.
CO3	Analyse the different types of elections to various positions and bodies in India
CO4	Explain the electoral procedures and criteria for each position.
CO5	Examine the specificities of elections in Maharashtra.
CO6	Discuss the significance of elections as a fundamental pillar of democracy.




Principal
 Balbhim Art's Science &
 Commerce College, Beed

M.A. Second Year

Semester III

Majoi Mandatory 7: Political Institutions in India	
CO1	Recognize the roles, authority, and structures of India's major political institutions.
CO2	Capable of comprehending both the real operations of political institutions and the provisions of the constitution.
CO3	Recognize the functions of the Union and State legislature, executive branch, and judiciary.
CO4	Examine the political structure and events in India.

Majoi Mandatory 8: Political Ideologies	
CO1	Understand the Meaning, Nature and trajectories of Political Ideologies.
CO2	Understand Ideological differences and perspectives
CO3	3. Understand the role of ideologies in contemporary politics and its relevance for state and society.

Majoi Mandatory 9: Contemporary Indian Foreign Policy	
CO1	A fundamental understanding of the factors, tenets, and principal forces behind India's foreign policy.
CO2	Being aware of the historical justification for India's non-alignment policy and its applicability in the current setting as it relates to India's use of strategic autonomy in making foreign policy decisions.
CO3	An understanding of India's role in shifting the balance of power in the world, especially in light of its bilateral relationships with strong countries like the US and Russia as well as China, India's largest neighbor.
CO4	Knowledge of India's neighborhood diplomacy in South Asia with respect to significant issues involving migration, refugee crises, and border problems
CO5	An understanding of India's bargaining tactics in addressing international trade and environmental governance issues.




Principal
Balbhim Art's Science &
Commerce College, Beed

Major Elective 3:Public Administration	
CO1	Identify and explain the different phases in growth of study of public administration.
CO2	Understand personnel administration and new public administration.
CO3	Distinguish between public administration and Private administration.
CO4	Identify the importance of public administration.
CO5	Well acquainted with Indian Administration.

Major Elective 3:Political Economy	
CO1	Understand the foundational principles of classical, Marxian, and Keynesian economic theories and their relevance to contemporary political economy.
CO2	Critically evaluate the interactions between state policies and market mechanisms, including the impact of globalization and the role of international organizations.
CO3	Examine various development theories and strategies, understanding their implications for poverty, inequality, and sustainable development.
CO4	Describe the historical context of India's economic policies, analyze the economic reforms post-1991, and discuss contemporary economic issues such as the digital economy and financial inclusion.
CO5	Analyze the structure and functions of global economic institutions, the impact of international trade policies, and address global challenges like inequality and climate change.

Major Elective 3: Dr. BabasahebAmbedkar's Political Thoughts	
CO1	Know the contribution of Dr. BabasahebAmbedkar in framing Constitutional structures and processes in India
CO2	Understand Political Ideology and Conceptions of Dr. B.R.Ambedkar.
CO3	Realize Dr. BabasahebAmbedkar's contribution to conceptualize democracy, freedom, equality, justice and political economy of India.
CO4	Discover Dr. B.R. Ambedkar's Patriotic feelings and advices on Indian foreign policy.

SemesterIV

Majoi Mandatory 10:International Organizations	
CO1	Describe concisely and explain the evolution of key international organizations such as the UN, WTO, IMF and World Bank, and of international institutions in the areas such as the environment or Human Rights.
CO2	Identify contemporary challenges to the international institutional order, and explain processes of institutional adjustment.



[Signature]
Principal
Balbhim Art's Science &
Commerce College, Beed

CO3	Apply the main theoretical approaches (such as rationalist institutionalism, realism and constructivism) to identify and contrast different explanations for why states create international organizations, why they choose particular institutional designs, why they agree on certain institutional policies, why they do (or do not) comply with institutional rules, and how they adjust to contemporary challenges.
------------	--

Majoi Mandatory 11: Modern Political Theories

CO1	Present and discuss specific political topics both in group and individually; evaluate and compare different schools and authors of political theory.
CO2	Understand recent trends in political theory
CO3	To analyze modern political phenomena, process, structure and functions of institutions.
CO4	Develop ability of critical thinking and evaluate contemporary politics

Majoi Mandatory 12: Indian Political Thoughts

CO1	To understand the ancient as well as modern mainstream political thoughts of India.
CO2	To understand India's Socio-political reformatory thoughts
CO3	Students will understand the relevance and insight of critical thinking about these thoughts and theories.
CO4	To assess present political conditions on the basis of ideas propounded by our great national heroes.

Major Elective 4: Panchayati Raj in India

CO1	Analyze the structure of Local Self Government in India and demonstrate a comprehensive understanding the concept of democratic decentralization.
CO2	To make students aware of the various Local Self Institutions, their functions, compositions and importance.
CO3	Students identify the role of Local Government and Local Leadership in rural development and to ensure the various reforms made in the current context.

Major Elective 4: Human Rights

CO1	Analyze with the basic idea and primary concepts of Human Rights.
------------	---




Principal
 Balbhim Art's Science &
 Commerce College, Beed

CO2	To give them brief knowledge about the trajectory, provisions and implementing agencies of Human Rights.
CO3	To help them comprehend the major concerns and issues affecting the violation of Human Rights.
CO4	To make them aware about the vulnerable groups having Human Right concerns.
Major Elective 4: International Security and Challenges	
CO1	Demonstrate knowledge of the concept of security and the diverse range of traditional and non-traditional security challenges facing the World.
CO2	Identify and explain the core analytical and empirical frameworks that are required for undertaking more in-depth analysis of international security challenges.
CO3	Employ written and oral communication skills to clearly and confidently articulate your ideas about international security
CO4	Reflect critically on the key security issues arising in the world and around India

Department of Economics

B. A. ECONOMICS

B. A. Economics Semester I

Paper Code

Paper Name Course Outcome

DSC - 1

Micro Economics

CO1. Analyse about traditional and modern definition of economics.

CO2. Perform demand analysis to analyse the impact of economic events on markets.

CO3. Perform supply analysis to analyse the impact of economic events on markets.

CO4. Analyse the behavior of consumers in terms of the demand for products.

CO5. Students will be able to examine welfare economics




Principal
Balbhim Art's Science &
Commerce College, Beed

SEC - 1

Data Collection

- CO1. Students will be able to analyze primary data collection methods.
- CO2. Students will be able to describe secondary data collection methods.
- CO3. Students will be able to examine questionnaires and schedule.
- CO4. Students will be able to differentiate between primary and secondary data.
- CO5. Students will be able to practical skills related to data collection.

GE / OE - 1

Indian Banking System

- CO1. Students will be able to describe NABARD.
- CO2. Students will be able to understand Indian banking structure.
- CO3. Students will be able to analyze functions of commercial banks.
- CO4. Students will be able to analyze functions of Co-operative banks.
- CO5. Students will be able to examine role of banking in development.

B. A. Economics Semester II

DSC - 4

Price Theory

- CO1. Students will be able to analyze theory of production.
- CO2. Students will be able to compare costs and revenue.
- CO3. Students will be able to examine market.
- CO4. Students will be able to describe various concepts in production and costs.
- CO5. Students will be able to analyze selling cost.




Principal
Balbhim Art's Science &
Commerce College, Beed

VSC - 1

Modern Banking

O1. Students will be able to describe the need and importance of technology in banking.

CO2. Students will be able to understand E- Banking and Digital Payments. Techniques

CO3. Students will be able to examine cyber security.

CO4. Students will be able to understand security measures.

CO5. Students will be able to practical skills.

GE / OE 2

Reserve Bank of India and

Monetary Policy

CO1. Students will be able to analyze about money measures.

CO2. Students will be able to understand the function of RBI.

CO3. Students will be able to examine monetary policy.

CO4. Students will be able to describe methods of credit control.

CO5. Students will be able to describe current monetary policy.

B. A. Economics Semester V

Paper Code

Paper Name Course Outcome

DSE-A2

Agricultural Economics

CO 1. To understand the Role and Importance of Agriculture in Economic Development.

CO 2. To aware the students about technological Changes in Agriculture.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO 3. Students should be aware about the role of finance (NABARD) in Development of Agriculture.

CO 4. Students should be Understanding about Agricultural Price Policy.

SEC-1C

Indian Stock Market

CO 1. Know the functioning of Indian Stock Market.

CO 2. Understand the structure and functions of Indian Stock Market.

CO 3. Understand the SEBI and its Functions.

CO 4. Knowledge about futures and option trading.

GE- 1

Introduction to

Elementary Economics

CO 1. Students aware about the Concepts of Micro Economics.

CO 2. Understood the Concepts of Macro Economics.

CO 3. Students aware about the knowledge of Indian Economy.

CO 4. Students got the information regarding Money and Banking.

B. A. Economics Semester VI

DSE-B2

Industrial Economics

CO 1. Understood the importance of Industries in economic development of Economy.

CO 2. Students aware about the theories of industrial location.

CO 3. Students understood types of industries.

CO 4. Students aware about the industrial policy after 1991.




Principal
Balbhim Art's Science &
Commerce College, Beed

SEC-1D

CO 1. Students understand the meaning, nature and Insurance Market & Its Products importance insurance.

CO 2. The course enables Functions of Insurance Companies and their agents.

CO 3. Students are able to evaluate the Indian Insurance framework.

CO 4. Students are able to understand the legal aspects of Insurance.

GE- 2

Indian Economy

CO 1. The course equips students to understanding the Structure of Indian Economy & Its problems.

CO 2. Students enable to analyze income & Inflation.

CO 3. Students sensitized to the various issues faced by Indian Agricultural and Industrial Sectors.

CO 4. Students are able to evaluate the role of International Institutions and Organisations.

Course Outcome (CO`s): M.A. Economics

M. A. Economics Semester I

Paper Code

Paper Name Course Outcome

Mandatory-1

Micro Economics-I

(ECOM-101)

CO1. Student will able to understand and analysis theories of economic agents.

CO2. Student will aware about risks and uncertainty in the economy.

Mandatory-2

Macro Economics-I

(ECOM-102)

CO 1. Understand how equilibrium income is attained

CO 2. Understand how consumption is determined by the various factors




Principal
Balbhim Art's Science &
Commerce College, Beed

- CO 3. Know relationship between the income and investment and vice-versa
CO 4. Know controls of money supply and determinants of demand for money.

Mandatory-3
Banking & Financial
Institutions
(ECOM-103)

- CO 1. Understand the meaning of financial concepts.
CO 2. Understand the functioning of bank system.
CO 3. Understand the monetary policy of RBI.
CO 4. Know the structure of cooperative banks
CO 5. Understand the role of development banks in economic development.

Mandatory-4
Indian Tax System
(ECOM-104)

- CO 1. Student will be able to understand the Indian Tax System.
CO 2. Understand the various types of taxes among various classes of people, know the general trend and impact on general welfare.
CO 3. Understand the changing trends in tax system of India.

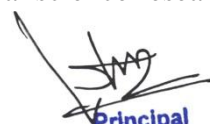
Elective 1
Rural Development
(ECOE-103)

- CO 1. Students will understand the dynamics of the rural economy.
CO 2. Students will understand the objectives of various schemes for rural development.

Research Methodology
(RM)
Research Methodology for
Economics
(ECOM-105)

- CO 1. Students will understand the basic techniques use in social science research.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO 2. Students will understand the data analysis using software packages.

M. A. Economics Semester II
Paper Code
Paper Name Course Outcome
Mandatory-5
Micro Economics-II
(ECOM-201)

CO 1. Students will able to understand the how prices are determined in different market structure.

CO 2. Students will understand the how factor prices and limits prices are determined.

CO 3. Students will also able to know about the various views related to welfare.

Mandatory-6
Macro Economics-II
(ECOM-202)

CO 1. Understand effect of monetary expansion using aggregate supply curve

CO 2. Understand people's economic behavior, and the microeconomic foundation of macroeconomics.

CO 3. Know the limits of government to intervene in market and people's response to government policies

CO 4. Know policy conflicts in economic stabilization and money neutrality concept

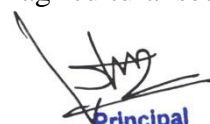
CO 5. Understand determinants of the economic growth.

Mandatory-7
Advanced Agriculture
Economics
(ECOM-203)

CO 1. Understand the inter - sector linkages and contribution of agriculture in economic development.

CO 2. Understand the use of basic micro economics concepts in agricultural sector.




Principal
Balbhim Art's Science &
Commerce College, Beed

- CO 3. Understand the agricultural price policy and its implications.
CO 4. Know the various aspects related with international trade in agricultural commodities and role of WTO.
CO 5. Understand the role of government intervention in rural credit market.

Mandatory-8
Panchayat Raj System
(ECOM-204)

- CO 1. Student will be able to understand the Panchayat Raj System in India.
CO 2. Understand the various Structures of Panchayat Raj System in India.
CO 3. Understand the various Rural Development Programmes.

Elective 2
Labour Economics
(ECOE-202)

- CO 1. Student will describe key features of the labour market.
CO 2. Student will learn wage determination
CO 3. Student will understand the labour policy in India.

Research Methodology
(RM)
Field Project (FP)
(ECOM-205)

- CO 1. There is 100 marks project work which have to submit and present to the University.
CO 2. It enhanced the research oriented analytical view of student.
CO 3. It will beneficial to get job and start business with the practical study of Economics




Principal
Balbhim Art's Science &
Commerce College, Beed

M.A. Economics

M. A. Economics Semester III

Paper Code

Paper Name Course Outcome

ECOM-301

Theory of Public Finance

CO 1. Analyse the Economic Issues related to Local to Global Scenarios.

CO 2. Understand how Economic Policies Effect the Common People through interactions.

CO 3. Analyse various policies in Public Economics like, policy, taxation policy, Public Debt policy, public expenditure etc.

CO 4. Analyse causes and effects of fiscal reforms.

CO 5. Interpret various aspects of Indian fiscal federalism.

ECOM-302

Indian Economy

CO 1. Students will be able to analyze main problems of Indian Economy.

CO 2. Students will be aware of Agricultural Sector.

CO 3. Students will be able to examine Indian Industrial policy.

CO 4. Students will be able to understand role of external sector in an Indian Economy.

CO 5. Students should be able to understand the sectoral performance and its impact on the growth of India.




Principal
Balbhim Art's Science &
Commerce College, Beed

ECOM-303

Industrial Economics

- CO 1. Students will be too aware the Industrial Economics Scope and Significance.
- CO 2. It will help students understand the Industrial Location theory.
- CO 3. Students will be able to understand the new industrial policy.
- CO 4. Students will aware about issue related to private sector.

ECOM-304

Share Market

- CO 1. Students will be able to understand about share market.
- CO 2. Students will analysis about share market.
- CO 3. Students will earn on the basic of share Market Knowledge.

ECOE-303

Insurance Economics

- CO 1. Demonstrate knowledge of insurance contracts and provisions.
- CO 2. The feature of property-liability insurance.
- CO 3. Employee benefit plans.
- CO 4. Demonstrate knowledge of the operation and management of insurance entities.
- CO 5. The economic implication of organizational design and structure.




Principal
Balbhim Art's Science &
Commerce College, Beed

ECOM-305

Research Project -1

CO 1. After the completion of this course research skill of students will develop.

CO 2. Students will be able to organize socio-economic surveys.

CO 3. Students will get the job on the basis of research knowledge.

CO 4. Students will analyze various socio-economic issues in society.

M. A. Economics Semester IV

Paper Code

Paper Name Course Outcome

ECOM-401

Indian Public Finance

CO 1. Have conceptual clarity on the structure of public Economics in India.

CO 2. Understand the tax structure under the constitution of India.

CO 3. Analyze the trends and growth of public expenditure in India.

CO 4. Evaluate the fiscal federalism and centre State relations.

ECOM-402

Service Sector in India

CO 1. Aware about service sector.

CO 2. Understand the role of service sector in Indian economy.

CO 3. Aware of the performance of service sector in India.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO 4. Explain the Policy Issues and reforms for Service Sector.

ECOM-403

Development Economics

CO 1. Identify the determinants and affecting factors of economic development.

CO 2. Evaluate the modern theories of economic development.

CO 3. Examine the role of sectoral aspects in the economic development.

CO 4. Critically examine the HDI and HPI.

ECOE-402

Economy of Maharashtra

CO 1. Students will be aware about the general information of Maharashtra.

CO 2. Increase the knowledge of students about various problems in Maharashtra.

CO 3. Students will get the information regarding agricultural sector in Maharashtra.

CO 4. Students will be aware about the industrial sector in Maharashtra.

ECOM-405

Research Project -2

CO 1. After the completion of this course research skill of students will develop.

CO 2. Students will be able to organize socio-economic surveys.

CO 3. Students will get the job on the basis of research knowledge.

CO 4. Students will analyze various socio-economic issues in society.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO 5. After completion of research project, the students research approach will be developed related to local, state and national level socio-economic problems.

Department of Psychology

B. A. Psychology

Psychology B.A. I year

PSY 101 General Psychology .

1. To provide solid foundation for the basic principles of psychology.
2. To familiarized students with the historical trends in psychology, major concepts, theoretical perspectives, empirical findings.
3. To provide an overview of the applications of psychology.

PSY 102 Social Psychology

1. To enable student to appreciate how individual behaviour is influenced by social and cultural contexts.
2. To enable student to develop an understanding of functioning of dyads, groups and organization.
3. To understand the unique features of the Indian socio-cultural context.
4. To understand how social problems can be analysed in terms of various social psychological theories.

PSY 104 Basic Concepts in Psychology

1. To provide solid foundation for the basic principles of psychology.
2. To familiarized students with the historical trends in psychology, major concepts, theoretical perspectives, empirical findings.




Principal
Balbhim Art's Science &
Commerce College, Beed

3. To provide an overview of the applications of psychology.

PSY 105 Basic Concepts in Social Psychology

1. To enable student to appreciate how individual behaviour is influenced by social and cultural contexts.
2. To enable student to develop an understanding of functioning of dyads, groups and organization.
3. To understand the unique features of the Indian socio-cultural context.
4. To understand how social problems can be analysed in terms of various social psychological theories.

PSY -103 106 Psychology Practicum's: Experiments & Test:

1. To nurture the skill of observation.
2. To create interest in psychological phenomenon.
3. To develop awareness of psychological tools, techniques and tests.

B.A. II year

PSY 110 Psychology for Living:

1. To enable student to make the connection between psychology and its practical application to everyday life.
2. To train student how psychological principles can help them to face life's challenges
3. To enables students to relate what they are learning in class to issues that they encounter in their everyday life, such as stress, health, work, personal relationships communication and self-esteem.




Principal
Balbhim Art's Science &
Commerce College, Beed

PSY 111 Psychological Statistics:

1. To train students in various psychological assessment techniques.
2. To acquaint the student and make them understand the different statistical methods with their uses and interpretations.
3. To impart skills necessary for selecting and applying different tests for different purpose such as evaluation, training, rehabilitation etc.
4. To nurture the skill of observation.

PSY 107 Psychology of Adjustment:

1. To enable student to make the connection between psychology and its practical application to everyday life.
2. To train student how psychological principles can help them to face life's challenges.
3. To enables students to relate what they are learning in class to issues that they encounter in their everyday life, such as stress, health, work, personal relationships, communication and self-esteem.

PSY 108 Psychological Testing:

1. To train students in various psychological assessment techniques.
2. To acquaint the student and make them understand the different statistical methods with their uses and interpretations.
3. To impart skills necessary for selecting and applying different tests for different.




Principal
Balbhim Art's Science &
Commerce College, Beed

B.A. III year

PSY 113 Subsidiary Abnormal Psychology

1. Critical Thinking
2. Effective Communication
3. Community and Civic Responsibility
4. Quantitative Literacy
5. Scientific and Technological Effectiveness

PSY 114 Organizational Psychology

1. This course aims and understanding the behaviour of individuals along with other organizational assets
2. Students are expected to learn not only the theoretical aspects of the course but also, to familiarize themselves with the skills, techniques and their application

PSY 119 Subsidiary Psychopathology:

1. To impart knowledge about the normality and Abnormality.
2. To make students understand the nature and Course of various abnormal conditions.
3. To impart knowledge and skills needed for Psychological assessment of different abnormal conditions.
4. To impart Knowledge and skills needed for Psychological assessment of different abnormal conditions.




Principal
Balbhim Art's Science &
Commerce College, Beed

PSY 117-123 Project Work.

1. Students should be able to write a project in psychology.
2. Students should acquire the skills of presentation –PPT

PSY 115 & 121

3. To nurture the skill of observation.

PSY 122 Main counselling in action

1. To impart Knowledge about the counselling
2. To make students understand the nature and Course of various conditions in which counselling is needed.
3. To impart Knowledge and skills needed for Psychological assessment of different counselling conditions.

M.A. Psychology

Psychology M.A. First year

1. Applied Cognitive psychology

- 1 To Develop insight into one's own and others behaviour and underlying mental processes.
- 2 To enrich students understanding of major concepts theoretical perspectives and empirical findings in cognitive psychology.

2. Personality theories-1

- 1 This course helps the students to understanding the diverse psychological strategies to analysing personality.




Principal
Balbhim Art's Science &
Commerce College, Beed

2 To enrich students understanding of major concepts personality

3 Schools of psychology

1 To create interest in psychological phenomenon.

2 To nature the skill of observation

2.Major Activity practicums experiments

3. To develop awareness of psychological of psychological tools, techniques and test.

4 To nature the skill of observation.

Psy.452 psychological practicums designing experiment

1. To create interest in psychological phenomenon.

2. To develop awareness of psychological of psychological tools, techniques and test.

3.To nature the skill of observation

4. Behavioural research methodology

5. To acquaint the student and make them understand the different statistical methods with their uses and interpretations.

6 .To Develop computational skills in students and enable them to analyze the data practical, project work, and dissertation

Psychology M.A. second year

7. Abnormal psychology

1 Current systems of classification of mental disorder

2 the symptomatology of different psychological disorder

3 the ethology and dynamics of the disorders with respect to various theoretical approaches.




Principal
Balbhim Art's Science &
Commerce College, Beed

8. Psycho Diagnostic

- 1 knowing different psychological assessment tools.
- 2 clinical interviewing.
- 3 personality and behavioural assessment.

9. Counselling Skills

- 1 To familiarize students with the nature and process of counselling
- 2 To acquaint students with various assessment techniques.
- 3 To expose the students to the various types of intervention and strategies

2.Major activity- practicums Diagnostic Testing

- 1 To create interest in psychological phenomenon.
- 2 To develop awareness of psychological of psychological tools, technique, and test
- 3 To nature the skill of observation.

Major Elective- a Health psychology.

- 1 Identifying behaviours problems.
- 2 Tasting case history.
- 3 using counselling skills.




Principal
Balbhim Art's Science &
Commerce College, Beed

Department of Physical Education

B.A. Ind Year (Semester-I & II):-

M1-Course Number DSC-1 (Theory Paper-1)

Title of the Course: Introduction to Physical Education and Sports Science

Course Outcomes (CO):

1. Analyse the historical and philosophical underpinnings of Physical Education and Sports Science.
2. Apply theoretical frameworks to understand the interdisciplinary nature of the field.
3. Demonstrate a basic understanding of human anatomy, physiology, and biomechanics in the context of sports science.
4. Evaluate the psychological and nutritional factors influencing athletic performance.
5. Design and implement fitness assessment programs for individuals and groups.
6. Apply coaching techniques and pedagogical strategies in Physical Education settings.
7. Identify common sports injuries, implement preventive measures, and understand basic rehabilitation principles.
8. Critically assess emerging trends, technologies, and challenges in the field.

MI-Course Number DSC-2 (Practical Paper-2)

Title of the Course: Athletics: Track Events




Principal
Balbhim Art's Science &
Commerce College, Beed

Athletics-Track Events (Choose any four) (100M, 200M, 400M, 800M, 1500M, 3000 Steeple Chase, 5000M Waking. 10000M Walking. 110M Hurdles, Cross Country, Half Marathon)

Course Outcomes:

1. Develop skills related to Athletics Field Events
2. Students will be able to perform the skills related to Athletics Field Events
3. Practical demonstration and performance skills will be learned by the students
4. The students will get acquainted with the rules and regulations of the Athletics Field Events

Course Number- GE/OE -1 (Paper-5)

Title of the course: Obesity Management

Course Outcomes:

1. Define and classify obesity and identify its causes and risk factors.
2. Analyse the physiological and psychological aspects of obesity.
3. Design and implement effective physical activity programs for weight management.
4. Develop dietary guidelines for weight loss and understand the role of nutrition in obesity management.
5. Apply behaviour change strategies and lifestyle interventions in obesity management.
6. Evaluate the impact of obesity on special populations and propose preventive measures.
7. Design personalized obesity management plans considering individual needs and preferences.
8. Understand the cultural and social factors influencing obesity and suggest culturally sensitive interventions.




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Number-SEC-01: (Paper-02)

Title of the Course: Sports Management

Course Outcomes:

1. Define and explain the fundamentals and scope of sports management.
2. Understand various organizational structures, governance, and policies in sports.
3. Apply event planning and management principles to organize sports events.
4. Develop and implement marketing, sponsorship, and branding strategies in a sports context.
5. Demonstrate financial management skills for sports organizations.
- 6 . Apply human resource management principles and effective leadership in sports.
7. Analyse ethical considerations and governance principles in sports management.
8. Apply sports management concepts to solve practical challenges in the field.

Course Number-SEC-02: Practical Paper-01

Title of the Course: Motor Learning-01

Course Outcomes:

1. Define and explain the fundamentals and scope of motor learning.
2. Critically analyse key motor learning theories and their applications.
3. Understand and distinguish between the cognitive, associative, and autonomous stages of skill. acquisition.




Principal
Balbhim Art's Science &
Commerce College, Beed

4. Identify and evaluate factors influencing motor learning and skill retention.
5. Assess the role of feedback in the motor learning process.
6. Design and implement effective practice and training methods for skill acquisition.
7. Analyse the retention and transfer of motor skills in various contexts.
8. Apply motor learning concepts in practical coaching and physical education scenarios.

Course Number DSC-03 (Theory Paper-1)

Title of the Course: Measurement and Evaluation in Physical Education

Course Outcomes (CO):

1. Define and explain the fundamental concepts of measurement and evaluation in physical education.
2. Apply psychometric principles, reliability, and validity to the assessment process.
3. Demonstrate familiarity with various assessment tools and techniques in physical education.
4. Design assessments aligned with clear learning objectives.
5. Implement performance-based assessments and alternative assessment methods.
6. Analyse and interpret assessment data to inform teaching and learning.
7. Address challenges and ethical considerations in assessment practices.
8. Apply theoretical knowledge through practical experience in designing and implementing assessments.




Principal
Balbhim Art's Science &
Commerce College, Beed

M1-Course Number DSC-4 (Practical Paper-1)

Title of the Course: Athletics: Field Events-02 Credits

Athletics Field Events (Choose any four) (Long Jump, High Jump, Triple Jump, Pole Vault, Shot Put, Discus Throw, Javelin Throw, (or) Any One from (Pentathlon, Heptathlon, Decathlon))

Course Outcomes:

1. Develop skills related to Athletics Track Events
2. Students will be able to perform the skills related to Athletics Track Events
3. Practical demonstration and performance skills will be learned by the students.
4. The students will get acquainted with the rules and regulations of the Athletics Track Events

Course Number GE/OE-02: Paper-02:

Title of the course: Athletic Training-02

Course Outcomes:

1. Define and explain the foundational principles and practices of athletic training.
2. Apply knowledge of anatomy and physiology to the assessment and rehabilitation of injuries.
3. Demonstrate skills in assessing, diagnosing, and documenting sports-related injuries.
4. Design and implement rehabilitation programs and therapeutic exercises.
5. Provide effective emergency care and develop action plans for acute injuries.




Principal
Balbhim Art's Science &
Commerce College, Beed

6. Implement preventive strategies, including taping, bracing, and nutrition.
7. Apply ethical principles and navigate legal considerations in athletic training.
8. Demonstrate practical skills through simulations, case studies, and hands-on demonstrations.

Course Number VSC-01 (Paper-1)

Title of the Course: Posture-01

Course Outcomes:

1. Define and explain the significance of good posture in maintaining overall health.
2. Describe the anatomy and biomechanics of the musculoskeletal system in relation to posture.
3. Demonstrate proficiency in assessing posture and identifying common deviations.
4. Analyse the impact of ergonomics and daily activities on posture.
5. Explain the relationship between posture and respiratory, cardiovascular, and musculoskeletal health.
6. Design and implement corrective exercises to improve posture.
7. Recognize the psychological aspects of posture and its influence on mood and self-esteem.
8. Apply knowledge through hands-on practice sessions for assessing and correcting posture.

Course Number VSC-2 (Practical Paper-1)

Title of the Course: Sports Massage-01




Principal
Balbhim Art's Science &
Commerce College, Beed

Course Outcomes:

1. Explain the principles and importance of sports massage in athletic performance.
2. Demonstrate a comprehensive understanding of musculoskeletal anatomy and physiology relevant to sports massage.
3. Apply various sports massage techniques, including effleurage, petrissage, and deep tissue massage.
4. Implement sports massage strategies for injury prevention and prehabilitation.
5. Evaluate and apply sports massage techniques for post-exercise recovery and DOMS.
6. Tailor sports massage techniques to meet the specific needs of athletes in different sports.
7. Adhere to ethical considerations, professionalism, and legal aspects in the practice of sports massage.
8. Gain practical experience through hands-on sessions and case studies.

B.A. IInd Year (Semester-III & IV):-

Health Education & Recreation in Physical Education and Sports (Phy.Edu.-201):

1. To aware about own health.
2. To acquire knowledge about the health education
3. To develop the personality of students and their socialization through recreation in physical education. Officiating, Coaching & Training Methods in Physical Education and Sports (Phy.Edu.- 202):

1. To acquire knowledge through the officiating, coaching & training methods.
2. To know the different training methods of fitness.




Principal
Balbhim Art's Science &
Commerce College, Beed

Practical in Physical Education (Phy.Edu.-203):

1. To prepare the students in competition of games.
2. Develop game skill & abilities.

B.A. IIIInd Year (Semester-V & VI):-

DSE-3, Course Code -PHYE-301

Title of the paper: Ancient and Modern History of Phy Edu, Games and Sports

Course Outcome:

- 1) To know the origin and development of Physical Education, Apply the knowledge of Olympus in organizing various sport activities, Distinguish the functional operations on National and International Olympic Federations..
- 2) Analyses the concepts and issues pertaining to Physical Education.
- 3) Formulate the principles, philosophy and concepts about Physical Education, Peer Group Teaching and Discussion Concept Teaching and Discussion on comparison of Theories of Play Classification of Body types based on classroom sample.
- 4) Discussion on Practical Applicability of Theories of Learning- Group Discussion on: Physical Education during Pre and Post-Independence.

SEC-I-Course Code- PHYE-303

Title of the paper: "Sports Psychology and management in Phy- Edu."

Course Outcome:

- a) To know the role of sports Psychology sports performance,
- b) To know about effects of various psychological factors sports performance,




Principal
Balbhim Art's Science &
Commerce College, Beed

- c) To create the awareness regarding research in the field of sports psychology,
- d) To know the importance of sports Management and curriculum Design.
- e) To know about how to organized sports competition. To create the awareness regarding research in the field of sports Management and curriculum Design.

Generic Elective Course Code - PHYE-GE-1

Title of the paper: - Injury Prevention

Course Outcomes:

1. Define and explain the principles and importance of injury prevention.
2. Identify and analyse the causes, risk factors, and mechanisms of injuries.
3. Apply biomechanical, physiological, and psychological concepts to injury prevention.
4. Implement practical strategies for creating safe physical environments and ensuring equipment safety.
5. Design and implement injury prevention programs for specific physical activities.

DSE-3, Course Code-PHYE-304

Title of the Paper: Organization, Administration and Supervision in Physical Education Youth Welfare & Youth Services"

Course Outcome:

- 1) To know Understand the principles and process of Administration and Management, Administer physical education and sports programs in schools, Develop appropriate physical education curriculum, tools and budget to manage school programs, Appraise and manage physical education facilities and personnel in school, Design tournament fixtures and structures to organize competitions, Peer Group Teaching and Discussion Concept.




Principal
Balbhim Art's Science &
Commerce College, Beed

2) To improve the teaching skills of teachers. To acquaint the teachers with new pedagogical approaches.

3) To improve the learning environment in the school. To diagnose the problems faced in the process of teaching learning.

SEC2-Course Code PHYE-306

Title of the paper: Anatomy, Physiology & Kinesiology of Phy- Edu.

Course Outcomes:

- 1) To know the Students can be able to understand human structure and function as well as effects of exercise on various human body systems.
- 2) To know the role of exercise Anatomy, Physiology on sports performance,
- 3) To know about the Effects of exercise on different system of human body, Able to test the Physiological Parameters,
- 4) To know about the function of internal human body. Students can be able to understand various aspects of Anatomy, Physiology and Kinesiology in Sports and able to apply in sports activities.

Generic Elective Course Code - PHYE-GE-2

Title of the paper: Sociology of Sports and Physical Activity

Course Outcomes:

1. Define and explain the foundational concepts and theories of sociology of sports.
2. Analyse the role of sports in socialization and its impact on individual identity.
3. Evaluate social stratification and disparities within the sports context.
4. Understand the interaction between sports and various societal institutions.
5. Examine deviance, controversies, and ethical considerations in sports.




Principal
Balbhim Art's Science &
Commerce College, Beed

6. Investigate the impact of sports on community dynamics and identity.
7. Develop critical thinking skills in evaluating the societal implications of sports.
8. Apply sociological theories to practical scenarios in sports and physical activity.

Department of Music

COs: Music B. A. Music B.A.F.Y INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)

CO1: Introduction to the basic concepts of music, its importance and development.

CO2: Understanding of basic Alankaars & Raaga's.

CO3: Understanding of Indian classical music

CO4: Understanding of biographies of musicians

B.A.S.Y INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)

CO1: To develop singing ability.

CO2: To understand Khayal's with Aalap & Tanas

CO3: To understand musical, technical terms & their characteristics.

CO4: To understand singing and playing

B.A.T.Y INDIAN CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)

CO1: To study of difficult Taalas with their laykaris.

CO2: To enhance ability to sing Gayaki & write Khayals with their notations.

CO3: To understand musical Gharanas.




Principal
Balbhim Art's Science & Commerce College, Beed

CO4: To understand musical Granthas.

CO5: To understand history & development of music.

CO6: To provide an overview of applications of music & their Raaga therapy.

Department of Drama

Describe the knowledge of theatre arts in details

Outcomes

PAPER CODE SEC01

At the end of this course students will be able to: The program focuses on enhancing skills in makeup application, product knowledge, and colour theory. Students will create makeup designs for various settings like theatre, film, and special events.

They will also learn about the business aspects of the industry, such as marketing and client relations. The program aims to prepare students for a career in makeup design and nurture their creative talents.

SEC01

At the end of this course students will be able to: Acting program practical offer students a chance to apply theory, receive feedback, and build confidence. Through exercises and scene work, students practice techniques learned in class. Feedback from instructors and peers helps identify areas for improvement. Practical experience helps students overcome stage fright and build confidence for live performances, preparing them for a career in the performing arts

Department of Sanskrit

B.A. / B.Com / B.Sc. First Year (Ist and IInd Semester)

Template of Course / Paper Contents :

Learning Objectives of the Course :

- i) To enhance the vocabulary clarity in speech and verbal fluency.
- ii) To inspire students to develop communication skills in Sanskrit




Principal
Balbhim Art's Science &
Commerce College, Beed

iii) To create sentences using the basic Sanskrit speaking pattern

Course Outcomes (COs) :

After completion of the course, students will be able to –

- i) Acquire the ability to communicate in Sanskrit along with the study of scriptures in Sanskrit.
- ii) Achieve pronunciation accuracy of speech.
- iii) Proficiency in the communication of Sanskrit language and other related Indian languages.

POS/COS – IInd Year

B.A. / B.Com / B.Sc. Second Year (SL)

Template of Course / Paper Contents :

Learning Objectives of the Course :

- i) To enhance the vocabulary clarity in speech and verbal fluency.
- ii) To inspire students to develop communication skills in Sanskrit
- iii) To create sentences using the basic Sanskrit speaking pattern

Course Outcomes (COs) :

After completion of the course, students will be able to –

- i) Acquire the ability to communicate in Sanskrit along with the study of scriptures in Sanskrit.
- ii) Achieve pronunciation accuracy of speech.
- iii) Proficiency in the communication of Sanskrit language and other related Indian languages.

BA - SANSKRIT Paper I - Sanskrit Sarita

CO1: To introduce learners to Sanskrit language, literature & Indian culture.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO2: To study usage of Sanskrit language in modern period.

CO3: To understand importance of language in communication skills & personality development.

CO4: To create interest in Sanskrit language for the study of scientific views in Sanskrit literature.²⁷

BAFY SANSKRIT - Optional Paper - I Aarshamahakavya

CO1: To introduce students the ancient Sanskrit poetics.

CO2: To introduce students to epics Ramayana & Mahabharata.

CO3: To develop literary values & ethics.

CO4: To study the importance of epics in Sanskrit Literature.

Sanskrit

Paper- II Vyakaranparampara

CO1: To understand the structure and development of Sanskrit grammar.

CO2: To study the origin & development in Sanskrit grammar.

CO3: To know the impact of Sanskrit grammar on Sanskrit language.

CO4: To study the Trimuni grammar tradition in Sanskrit grammar.

Paper - III SwpravasavDattamaNatak

CO1: To study Bhasa's literature according to social, political, cultural & moral values.

CO2: To introduce ancient & developed Sanskrit drama traditions.




Principal
Balbhim Art's Science &
Commerce College, Beed

Paper- IV Kathasahitya

CO1: To introduce tradition of Sanskrit stories.

CO2: To study literary merits of Sanskrit stories such as - imagination, description, symbolism etc.

CO3: To study ancient teachings and behavioral trainings.

BASY SANSKRIT - Second Language (SL) Paper - II Girvanmanjari

CO1: To introduce students to various forms of Vaidic Literature.

CO2: To introduce different aspects of Sanskrit language & develop accuracy in Sanskrit phonetics.

CO3: To study different styles of meters in Sanskrit poetics for recitation of poems.

BASY SANSKRIT - Optional Paper - V Pancha Mahakavyacha Etihcas

CO1: To study the tradition of skillfu lPanch Mahakavyas in Sanskrit literature

CO2: To understand the characteristics of skillful Panch Mahakavyas.

CO3: To study themes, character sketches, styles, rasa, alanakaras and meters of PanchMahakavyas and learn the impact of various aspects of literature on it.

Paper- VI Raghuvansham

CO1: To understand introductory nature of kalidasas Raghuvansham.

CO2: To understand the style of Raghuvansham.

CO3: To study the literary values of Raghuvansham.

CO4: To study the idols in Raghuvansham.




Principal
Balbhim Art's Science &
Commerce College, Beed

Paper - VII GadyaKavyaShukanasopadesh

CO1: To study nature of prose tradition in Sanskrit literature.

CO2: To study nature and characteristics of prose Kadambari.

CO3: To enhance awareness of the importance of teacher's teachings for the youths.

CO4: To discuss the effects of power, asset and youthfulness in reference to Shukanasopadesh.

Paper- VIII SangeetSaubhadra

CO1: To study drama Sangeet Ssaubhadra as a symbol of modern Sanskrit literature.

CO2: To understand translated Sanskrit literature

BATY SANSKRIT - Optional Paper - IX Vaidic Sukte

CO1: To introduce the ancient Vedic Language and Vaidic Literature.

CO2: To study the Vedic Literature and culture in the point of view of science.

CO3: To learn the oral tradition of education through different Vedic Suktas.

Paper- X Natyalakshan&Natak

CO1: To study the properties of Natya in reference to Natyashastra.

CO2: To develop interest in the studies of socio-cultural aspects and idols of Abhijnansakuntalam.

CO3: To prepare students to go for detail study and understanding kalidasa's writing skills in dialogues, aesthetics and characters.

Paper - XI Vyakaran

CO1: To study the topic Sandhi.




Principal
Balbhim Art's Science &
Commerce College, Beed

CO2: To familiarize the students with different types of Sandhi to understand the language better.

Paper- XII Tattwajnan

CO1: To introduce students with the spiritual life of Indian culture.

CO2: To understand the philosophy in Bhagawadgita.

Paper - XIII Natak (Abhijnanshakuntalam)

CO1: To introduce students with literary merit, beauty and creativity of Kalidas.

CO2: To study Abhijnansakuntalam as a pre-eminent creation in Sanskrit literature.

Paper - IVX Sahityashastra

CO1: To understand the nature of poem and poetics.

CO2: To familiarize the learners with different types of rhetoric.

30

CO3: To aware students for enjoying perception of pleasure of literary sources with the help of rhetoric.

Paper - XV Project

CO1: To develop students to establish research values and findings.

CO2: To build confidence about creative writings among the learners.

CO3: To introduce advanced units of language so that they become aware of practical usage.




Principal
Balbhim Art's Science &
Commerce College, Beed

Department of Public Administration

B. A. First Year, Semester - I

Major(Core)

Discipline Specific Course (DSC)

Course Code: HAC04421011T

INTRODUCTION TO PUBLIC ADMINISTRATION

Course Outcomes(COs):

- i) Students will gain a broad understanding of Public Administration and the development of the discipline.
- ii) Learn about the basics of Organization.
- iii) Understand the roles and functions of line agencies, staff agencies, and auxiliary agencies in organizational structures.
- iv) Apply the principles of hierarchy, span of control, and unity of command to develop organizational hierarchies and calculate spans of control through practical exercises.
- v) Develop critical thinking and analytical skills by evaluating the application of organizational principles in real-world contexts.

Generic (GE)

Course for other Subject / Faculty Students

Course Code: HDC04421011T

**THEORIES AND PRINCIPLES OF MANAGEMENT AND
ADMINISTRATION**




Principal
**Balbhim Art's Science &
Commerce College, Beed**

Course Outcomes(COs):

- i) Understand the various Management theories
- ii) Understand the various Administrative theories.
- iii) Familiarize with the concept of Management and Administration.
- iv) Gain knowledge of principles of Management.
- v) Gain knowledge of principles of Administration.

Skill Enhancement Course (SEC)

Course Code: HEC04421021T

ADMINISTRATIVE LEADERSHIP AND COMMUNICATION SKILLS

Total Credits: 02 , Total Contact Hours: Theory- 30 Hrs, Maximum Marks: 50

Learning Objectives of the Course:

- i) To give theoretical knowledge of concepts of Administrative Leadership.
- ii) To give the knowledge about the leadership style.
- iii) To understand the Leadership theories.
- iv) To give the knowledge about the concept of communication.
- v) To improve the communicating skill so to develop the interview skills.

Course Outcomes(COs):

- i) Acquire theoretical knowledge of concepts such as Administrative Leadership.
- ii) Understand the style of Administrative Leadership.
- iii) Familiarize with the theories of Leadership.
- iv) Develop communication skills.




Principal
Balbhim Art's Science &
Commerce College, Beed

v) Able to face interviews in corporate and public sector.

B. A. First Year, Semester - II

Major(Core)

Discipline Specific Course (DSC)

Course Code: HAC04421512T

INDIAN ADMINISTRATION

Course Outcomes(COs):

- i) Understand and critically analyse the features of the Indian Administration.
- ii) Gain knowledge of role and functioning of the Union Legislature and Union Judiciary.
- iii) Demonstrate knowledge of the structure and functions of the Secretariat, and Prime Minister's Office (P.M.O.).
- iv) Comprehend the roles and responsibilities of constitutional agencies.
- v) Analyse case studies related to Judicial Review and Judicial Activism, and develop informed opinions on these topics based on the theoretical background and practical work

Generic (GE)

Course for other Subject/Faculty Students

Course Code: HDC04421512T

MANAGEMENT AND ADMINISTRATIVE THINKERS

Course Outcomes (COs):

- i) Gain the knowledge about various Administrative Thinkers.
- ii) Familiarize with the theories given by these Administrative Thinkers.




Principal
Balbhim Art's Science &
Commerce College, Beed

- iii) Understand concept of Scientific Management.
- iv) Know the approaches about organization, decision making etc. given by the thinkers.
- v) Acquire knowledge about the Behavioral theories.

Vocational Skill Course (VSC)

Course Code: HEC04421522T

OFFICE ADMINISTRATION AND RECORD MANAGEMENT

Total Credits: 02, Total Contact Hours: Theory- 30 Hrs, Maximum Marks: 50

Learning Objectives of the Course:

- i) To understand concept of Office & Office Administration.
- ii) To give the knowledge about office layout.
- iii) To familiarize about the various Office Procedures.
- iv) To equip with the skill of Record Management.
- v) To equip with the skill and knowledge regarding documentation and office communication

Course Outcomes (COs):

- i) Able to understand concept of Office & Office Administration.
- ii) Gain the knowledge about office layout.
- iii) Understand the various Office Procedures.
- iv) Acquire skill of Record Management.
- v) Gain the skill and knowledge regarding documentation and office communication.




Principal
Balbhim Art's Science &
Commerce College, Beed

S. Y. B. A. SEMESTER - III

(COMPULSORY CORE COURSE) Credits: 6

Paper - V: Public Personnel Administration

Learning Outcomes

- a) Conceptual clarity of Public Personnel Administration, its issues, career systems and other terms covering various aspects of personnel administration.
- b) Detailed understanding of the Public personnel system of India.
- c) Critical understanding of issues like Employee associations. Adjudication institutions.

S. Y. B. A. SEMESTER - III

(Skill Enhancement Course) Credits: 4

Paper - VI: Management of NGOs

Learning outcomes

- 1. Comprehending the theoretical conceptualization of NGOs and the Public sector
- 2. Critically understanding the National Policy on Voluntary Sector and Government-NGO interface
- 3. Knowledge of public and private funding and national and foreign financial contributions to NGOS
- 4. Understanding capacity building, ethical and accountability concerns
- 5. Acquiring the necessary skills student to plan and execute projects
- 6. Acquiring the skills for case study analysis

S. Y. B. A. SEMESTER – IV




Principal
Balbhim Art's Science &
Commerce College, Beed

(COMPULSORY CORE COURSES)

Credits: 6

Paper - VII: Public Financial Administration

Learning Outcomes

1. Knowledge of various aspects of Public Financial Administration in general and in the Indian context in particular.
2. Understanding Public budgeting, Public financial institutions and financial resource mobilization strategies in the Indian context.
3. Deep understanding of the role of Comptroller and Auditor General in a public financial administration.

S. Y. B. A. Semester - IV

(Skill Enhancement Course) Credits: 4

Paper - VIII: Secretarial Practice

Learning outcomes:-

1. Developing an understanding of the basic concepts of office management.
2. Acquiring quality skills and competencies in office management, official correspondence and time management.




Principal
Balbhim Art's Science &
Commerce College, Beed

B.A.T.Y., Semester-V (CBCS Pattern)

(Discipline Specific Course)

DSC-LOCAL SELF GOVERNMENT IN INDIA

Learning Outcomes: -

1. Understanding Importance and Structure of Local Self Government and Its Implications.
2. Develop Clarity on Comprehension of the Administrative System of Local Self Government. Understanding The Budgeting System.
3. Comprehension of Different Development Models Through Local Self Government.
4. Create Awareness about Importance of Participation in Public Administration.
5. Understanding New Trends in Local Self Government.

B. A. T.Y. Semester-V (CBCS Pattern)

(Skill Enhancement Course)

SEC: TRAINING OF COMMUNITY RESOURCE PERSONS

Learning Outcomes: -

1. Development of the ability to understand self, others and the society by gaining the conceptual understanding of youth issues set of transferable skills, positive attitude to work.
2. Inculcation of the capacity to deal with various social problems in professional manner by using scientific methods and approaches.
3. Facilitation of students to become capable to serve as an instrument for bringing transformation in the




Principal
Balbhim Art's Science & Commerce College, Beed

lives of youth and communities through research, policy, direct practice and teaching.

4. Become professional workers in designing, organizing and delivering services for bringing change in the lives of young people, especially the socially and economically disadvantaged categories.

GE-1: PRINCIPLES OF PUBLIC ADMINISTRATION

Learning Outcomes: -

1. Demonstrate broad understanding of Public Administration including principles of Management and Organization.
2. Explain the development of Public Administration from ancient to contemporary times.
3. Acquire an understanding of the features and principles of Organization.
4. Understanding capacity building, ethical and accountability concerns.

B.A.T.Y. Semester- VI (CBCS Pattern)

(Discipline Specific Course)

DSC-ADMINISTRATIVE THINKERS

Learning Outcomes: -

1. Gain the knowledge about various Administrative Thinkers.
2. Familiarize with the theories given by these Administrative Thinkers.
3. Understand concept of Scientific Management.
4. Know the Approaches about Organisation, Decision Making etc. given by the Thinkers.




Principal
Balbhim Art's Science & Commerce College, Beed

B.A.T.Y. Semester- VI
(CBCS Pattern) (Skill Enhancement Course)

SEC-E-GOVERNANCE

Learning Outcomes: -

1. Gaining theoretical understanding about the concept, theory and models of e-governance.
2. Learning practical application of e-governance in different walks of life.
3. Awareness of various e-governance initiatives undertaken to deliver Public services to the stakeholders.
4. Developing necessary skills to use and operate e-governance or digital service delivery.

B.A.T.Y., Semester- VI
(CBCS Pattern) (Generic)
GE-2: INDIAN ADMINISTRATION

Learning Outcomes: -

1. Explain the Development of Indian Administration from ancient to contemporary times.
2. Understand the system of Indian Administration and Governance.
3. Students will be able to understand the basic Structure, Function and Behavior of Indian Administration.
4. Acquire knowledge of legislature, Executive and judiciary's working.




Principal
Balbhim Art's Science &
Commerce College, Beed

5. Acquire an broad understanding of constitutional Values, Rights and Duties.




Principal
Balbhim Art's Science &
Commerce College, Beed

Programme Outcomes

(POs)

2024-2025




Principal
Balbhim Art's Science &
Commerce College, Beed

PROGRAMME OUTCOME (POs)

INDEX

Particulars	Sr.No.
Programme Outcomes - B.Sc.	1.
Programme Outcomes - B.Com.	2.
Programme Outcomes- B.A.	3.
Programme Outcomes- B.Sc. Computer Science	4.
Programme Outcomes - BCA (Science)	5.




Principal
Balbhim Art's Science &
Commerce College, Beed

Programme Outcome B.Sc.

- Student develop a strong foundation in the fundamental concepts of physical sciences, chemical sciences, Life sciences and mathematical sciences
- Students can work skillfully in a laboratory and field setting.
- Students can employ the scientific method to generate new information.
- Students can synthesize a cogent argument in the language of science.
- Students can have enough knowledge to pursue further study.
- To develop the scientific temper and research attitude.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Outcome B.Com.

- After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of Commerce and Finance.
- The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business.
- The programme offer a number of value based and job oriented courses ensures that students are trained into up-to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.
- Having basic knowledge of important business laws, final accounting and basic principles of economics.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Outcome B.A.

- After completing bachelors in arts (B.A.) program the students acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.
- The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.
- The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.
- The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
- The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
- Programme provides the base to be the responsible citizen.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Outcome B.Sc. (Computer Science)

- This programme makes learners aware of the history of the discipline of Computer Science and understand the conceptual underpinnings of the subject.
- Students understand the nature of the software development process, including the need to provide appropriate documentation.
- The programme also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of MSc Computer Science.
- Understand standard techniques for solving a problem on a computer, including programming techniques and techniques for the representation of information.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Outcome B.C.A.

- B.C.A. programme facilitates the graduates to use and apply current technical concepts and practices in the core computer applications.
- Identify computer application related problems, analyze them and design the system or provide the solution for the problem considering legal, ethical and societal issues.
- The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programmed of their choice.
- Students learn to work and communicate effectively in interdisciplinary environment, either independently or in team, and demonstrate scientific leadership in academic and industry.
- Recognize the need for and an ability to engage in continuing professional development.




Principal
Balbhim Art's Science & Commerce College, Beed




Principal
Balbhim Art's Science &
Commerce College, Beed

M.S.P.Mandal's
Balbhim Arts, Science and Commerce College, Beed.
Academic Year 2024-2025

Particulars	Sr. No.
Bloom's Taxonomy and its application in the attainment of PSOs	1.
PSOs of B.Sc. Chemistry	2.
PSOs of M.Sc. Organic Chemistry	3.
PSOs of B.Sc. Botany	4.
PSOs of M.Sc. Botany	5.
PSOs of B.Sc. Agro Chemicals and Fertilizers	6.
PSOs of Electronic	7.
PSOs of B.Sc. Physics	8.
PSOs of M.Sc. Physics	9.
PSOs of B.Sc. Mathematics	10.
PSOs of M.Sc. Mathematics	11.
PSOs of B.Sc. Zoology	12.
PSOs of B.Sc. Microbiology	13.
PSOs of B.Sc. Computer Science	14.
PSOs of M.Sc. Computer Science	15.
PSOs of B.C.A. Science	16.
PSOs of B.Com.	17.
PSOs of M.Com.	18.
PSOs of B.A. English	19.
PSOs of M.A. English	20.
PSOs of B.A. Hindi	21.
PSOs of M.A. Hindi	22.
PSOs of B.A. Marathi	23.
PSOs of M.A. Marathi	24.
PSOs of B.A. Urdu	25.




Principal
Balbhim Art's Science & Commerce College, Beed

PSOs of B.A. Political Science	26.
PSOs of M.A. Political Science	27.
PSOs of B.A. Economic	28.
Particulars	29.
PSOs s of B.A. Psychology	30.
PSOs of M.A. Psychology	31.
PSOs of B.A. Physical Education and Sports	32.
PSOs of B.A. Music	33.
PSOs of B.A. Mass Communication and Journalism	34.
PSOs of B.A. Drama	35.
PSOs of B.A. Sanskrit	36.
PSOs of B.A. Public Administration	37.
PSOs of B.A. Sociology	38.
PSOs of NSS	39.
PSOs of NCC	40.
PSO of Ph.D. Chemistry	41.
PSO of Ph.D. Botany	42.
PSO of Ph.D. Commerce	43.
PSO of Ph.D. Hindi	44.
PSO of Ph.D. Marathi	45.




Principal
Balbhini Art's Science & Commerce College, Beed

Bloom's Taxonomy and its application in the attainment of PSOs

Bloom's Taxonomy is a widely used framework in education that categorizes cognitive skills into different levels, from basic knowledge recall to higher-order thinking skills like analysis, evaluation, and creation. It was originally developed by Benjamin Bloom in 1956, and it has since been revised by Anderson and Krathwohl to reflect modern educational practices. The taxonomy is typically divided into six hierarchical levels:

Revised Bloom's Taxonomy (Anderson & Krathwohl)

1. **Remembering:** Recalling facts and basic concepts.
2. **Understanding:** Explaining ideas or concepts.
3. **Applying:** Using information in new situations.
4. **Analyzing:** Breaking down information into components and understanding relationships.
5. **Evaluating:** Making judgments based on criteria and standards.
6. **Creating:** Putting together elements to form a new structure or solution.

Program Specific Outcomes (PSOs)

Program Specific Outcomes (PSOs) refer to the unique set of competencies, skills, and knowledge that students are expected to achieve upon the completion of a specific academic program. PSOs are often defined by academic institutions and are aligned with industry requirements and academic standards. The achievement of PSOs is central to ensuring that graduates are equipped with the necessary capabilities to succeed in their field.




Principal
Balbhim Art's Science & Commerce College, Beed

Department of Chemistry

Programme Specific Outcomes of B. Sc. Chemistry

- Students will be able to get exposed to strong theoretical and practical background in fundamental concepts of chemistry.
- Develop scientific temper in student
- To make them able to express ideas persuasively in written and oral form to develop their leadership qualities
- Know structure-activity relationship.
- Application of knowledge and techniques of used in chemical sciences
- Compilation and interpretation of chemical compounds.
- Gained the theoretical as well as practical knowledge of handling chemicals
- Achieve the skills required for good laboratory practices and safety
- To make students competitive in pursuing higher studies

Programme Specific Outcomes of M.Sc. (Organic Chemistry)

- To inculcate the research attitude and scientific temperament in the students
- Develop Ability to handle instruments, chemicals and solvents
- Develop Skill of writing of reaction mechanism
- Application of knowledge and techniques of used in chemical sciences
- Compilation, analysis and interpretation of chemical compounds.
- Gained the theoretical as well as practical knowledge of handling chemicals
- Achieve the skills required for good laboratory practices and safety
- To make students competitive in pursuing higher studies




Principal
Balhim Art's Science &
Commerce College, Beed

DEPARTMENT OF BOTANY

Programme Specific Outcomes of B. Sc.

- Provides opportunity for post-graduation in Botany
- Provides basic knowledge of Biosciences.
- Opportunities for administrative exams like UPSC and MPSC.
- Creates platform to serve in seed industries.
- Develops awareness regarding plant resources, economical and medicinal.

Programme Specific Outcomes of M.Sc. Botany

- Provides opportunity for research, project assistant in Botany
- Provides basic knowledge of Biosciences.
- Opportunities for administrative exams like UPSC and MPSC.
- Creates platform to serve in seed industries.
- -Develops awareness regarding plant resources, economical and medicinal.




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF AGROCHEMICALS AND FERTILIZERS

Programme Specific Outcomes of B.Sc.

- To impart firsthand knowledge on agriculture and allied sciences
- To provide knowledge from ancient to modern agricultural practices
- To give detailed knowledge about agri-allied sectors
- Detailed knowledge on various agri-business activities
- To disseminate different technologies through various extension activities
- To identify and overcome the problems encountered in day-to-day agriculture
- To provide knowledge on commercial agricultural production practices




Principal
Balhim Art's Science & Commerce College, Beed

Department of Electronics
Programme Specific Outcomes of B.Sc.

- Understand basic concepts of electronic components.
- They are able to analyze different parameters of various circuits.
- Know the use of electronics in computer science.
- Know testing of different electronic components.
- Understand applications of electronic appliances in day to day life.
- Are able to repair small house hold electronic appliances.




Principal
Balbhim Art's Science & Commerce College, Beed

Department of Physics
Programme Specific Outcomes of B.Sc.

- Got the knowledge of physics.
- Develops research skills.
- Are able to handle sophisticated instruments.
- Increased problem solving capacity of students

M.Sc. Physics
Program Specific Outcomes (PSOs)

Program Specific Outcomes (PSOs) refer to the unique set of competencies, skills, and knowledge that students are expected to achieve upon the completion of a specific academic program. PSOs are often defined by academic institutions and are aligned with industry requirements and academic standards. The achievement of PSOs is central to ensuring that graduates are equipped with the necessary capabilities to succeed in their field. After successful completion of M.Sc. physics students are able to- Specific program outcomes

- Got the knowledge of designing electrical circuits.
- Understand the basic concepts of physics.
- Increased logical thinking of students.
- Increased specific temper among the students.
- Able to know laboratory techniques.
- Grow research skills among the students.




Principal
Balhim Art's Science & Commerce College, Beed

DEPARTMENT OF MATHEMATICS

Programme Specific Outcomes of B.Sc.

After the successful completion of this Programme, the student will:

- Capable for accurately organize, analyze and interpret data.
- Capable to develop the mathematical logic which is very useful for solving mathematical reasoning problems.
- Capable to setup mathematical models of real world problems and obtain solutions in structured and analytical approaches.
- Capable to carry out objective analysis and prediction of quantitative information.
- Capable to understand both concrete and abstract problems.
- Capable to make critical observations.
- Capable to recognize the power of abstraction and generalization.

Programme Specific Outcomes of M.Sc.

After the successful completion of this Programme, the student will:

- Capable for accurately organize, analyze and interpret data.
- Capable to develop the mathematical logic which is very useful for solving mathematical reasoning problems.
- Capable to setup mathematical models of real world problems and obtain solutions in structured and analytical approaches.
- have enough knowledge to pursue research.
- Capable to understand both concrete and abstract problems.
- Capable to make critical observations.
- Capable to recognize the power of abstraction and generalization.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF ZOOLOGY

Programme Specific Outcomes of B.Sc.

- Students get the answers of the most complex questions of life, like the formation of earth, life on earth, first life form on the earth
- Atmosphere on the earth at present and in the past when earth was formed
- They are aware of the Evolution of all the animals and mainly Human
- They learn the evolution of Human being from single bacteria and the middle stages
- All extinct animals like Mammoth, Dinosaurs, fishes, invertebrates are studied in details

Some Skill Based Outcomes from Zoology Applied in Practical Use

- They gain knowledge of agro based small scale industries like Sericulture, Pisciculture, Vermiculture, Mushroom Culture, apiculture and apply them practically in their farms.
- Majority of students are applying their knowledge of zoology in Pearl culture now a day.
- They prepare ornaments made by the shells of different molluscan animals.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF MICROBIOLOGY

Programme Specific Outcomes of B.Sc.

- provides opportunity to post graduate in microbiology
- Production of antibiotics e.g. Penicillin from penicillium
- Production of enzyme, vaccine, biosurfactant , alcoholic product
- Diagnosis of disease and treatment e.g. ELISA, widal test 5 Production of pharmaceutical products




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF COMPUTER SCIENCE

Programme Specific Outcomes of B.Sc.

- Serve as the Computer Engineers with enhanced knowledge of computers
- And its building blocks.
- Work as the Hardware Designers/Engineers with the knowledge of Networking Concepts.
- Work as the System Engineers and System integrators
- Serve as the System Administrators with thorough knowledge of DBMS.
- To Give Technical Support for the various systems.
- Serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.

Programme Specific Outcomes of M.Sc.

- Utilize and implement hardware and software technologies that provide computing solutions to address the needs of an organization.
- Understand standard techniques for solving a problem on a computer, including programming techniques
- Identify various needs within the organization and provide solution using computing technologies.
- Apply basic cultural, social, legal, and ethical practices inherent in the discipline of computing.
- Understand analyze and develop computer programs in the areas related to algorithms, system software, compiler design, data mining, mobile computing and networking for efficient design of computer based system of varying complexity.
- To attain deep knowledge and understanding the principles of programming for applying in broad range of languages and open source platforms.




Principal
Balhim Art's Science &
Commerce College, Beed

- To improve the ability of imparting knowledge in various domains and to solve real world problems with modern technological tools.
- The program also empowers the knowledge of student to appear for various competitive examinations or NET/SET examination.
- This program enables the learners to perform the jobs in diverse fields such as science, engineering, industries, survey, education, banking, development-planning, business, public service, self-business etc. efficiently.
- The students can work as Programmer or Software Engineer, Computer Engineer, Web Designer, Hardware Designer/Engineer, Systems Engineer, System integrator, System Administration, Technical Support, Support Engineer, Technical Writer, Consultant, Management, Administration, IT Sales and Marketing, IT Officer, Computer Scientist, Research Staff Member, Systems Analyst, Logic Designer, Computer Scientist in research and R & D laboratories.




Principal
Balbhim Art's Science &
Commerce College, Beed




Principal
Balhim Art's Science &
Commerce College, Beed

Programme Specific Outcomes of B.C.A. (Science)

- Improve their computer literacy, their basic understanding of operative systems and a working knowledge of software commonly used in academic and professional environments.
- Develop criteria to organize and present different type of works in academic and professional environments.
- Learn how to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
- Develop the skills to present ideas effectively and efficiently.
- Do Academic and Professional Presentations - Designing and delivering effective presentations and developing the various IT skills to the electronic databases.
- Use the Systems Analysis Design paradigm to critically analyze a problem.
- Solve the problems (programming networking database and Web design) in the Information
- Technology environment. Function effectively on teams to accomplish a common goal and demonstrate professional behavior.
- Develop IT-oriented security issues and protocols.
- Design and implement a web page.
- Improve communication and business management skills, especially in providing technical support.




Principal
Balbhim Art's Science &
Commerce College, Beed

FACULTY OF COMMERCE

Programme Specific Outcomes of B.Com.

- To impart the various skills like accounting skills managerial skills communication skills and overall personality development of the students, also to make the students competent to face the challenges in present competitive market acquaint the students relating to changes in global scenario besides this the theoretical concepts and its application into the business.
- To develop among the students the qualities of an entrepreneurship also to give the ideas about the modern business strategies.

Apart from this to provide the ideas relating to various fields like banking sector, insurance sector, Income Tax, e-commerce in addition to this give the knowledge about Indian economy Five Year Plan WTO New industrial Policy etc.

Programme Specific Outcomes of M.Com.

To impart the various skills like accounting skills managerial skills communication skills and overall personality development of the students, also to make the students competent to face the challenges in present competitive market acquaint the students relating to changes in global scenario besides this the theoretical concepts and its application into the business. To develop among the students the qualities of a researcher also to give the ideas about the modern business strategies. Apart from this to provide the ideas relating to various fields like banking sector, international business sector, HRM in management , Tax planning, in addition to this give the knowledge about Indian economy, Five Year Plan WT0, New industrial Policy, etc.




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF ENGLISH

Programme Specific Outcomes of B.A.

- Use received pronunciation.
- Know about Standard English.
- Use Accent, intonation in speech.
- Know about modern English structure.
- Identify the word classes, clause elements, type of sentences, etc.
- Students will have knowledge of speech mechanism.
- Transcribe the words and sentences with appropriate accent in phonetic transcription.

Programme Specific Outcomes of M.A. (ENGLISH)

On successful completion of the course students will be able to

- Describe the culture, thought, literary trends movements of the period through prescribed texts.
- Appreciate and interpret literary texts.
- Demonstrate on appropriate level of knowledge of literature, literary background and literary theory.




Principal
Balhim Art's Science & Commerce College, Beed

Programme Specific Outcomes of B.A (Hindi)

बी. ए. (हिंदी)

- बी.ए. हिंदी एक परंपरागत स्नातक स्तर है। हिंदी भाषा में स्नातक स्तर की पढ़ाई के बाद छात्रों के लिए रोजगार के कई अवसर प्राप्त होते हैं।
 - यह परंपरागत कोर्स मानवीय मूल्य, संवेदना, इंसानियत, नैतिकता, जीवनमूल्य, देशभक्ति, सांस्कृतिक पृष्ठभूमि, संस्कार आदि आयामों को लेकर भी छात्रों को सक्षम बनाता है।
 - लेखक और कवि द्वारा लिखित पाठ एवं काव्य छात्रों का स्तर, उनकी उम्र और मानसिक विकास का ध्यान रखकर निर्धारित किए जाते हैं। जिनका उद्देश्य उज्ज्वल भारत का निर्माण करना होता है।
 - हिंदी में आधुनिक कौशल से निर्माण विभिन्न कोर्स जैसे कि समाचार लेखन, रेडियो वार्ता, विज्ञापन लेखन, प्रयोजनमूलक हिंदी, संप्रेषणमूलक हिंदी, अनुवाद, मीडिया लेखन, कंप्यूटर का प्रयोग आदि से जुड़ा पाठ्यक्रम रोजगार एवं व्यवहारिक तथा व्यापारिक स्तर पर नए अवसर निर्माण करता है।
 - बी.ए.की उपाधि प्राप्त कर कई छात्र उपर्युक्त पाठ्यक्रम को पूर्ण करके पत्रकारिता, अनुवाद, बैंक, शिक्षा क्षेत्र, उद्योग, व्यापार आदि में जिम्मेदार नागरिक के रूप में अपना महत्वपूर्ण योगदान दे रहे हैं।
- बी.ए. की उपाधि के पश्चात् छात्र एम्. ए., बी. एड., एम्. फिल., पीएच्. डी. उद्योग, व्यापार आदि में जिम्मेदार नागरिक के रूप में अपना महत्वपूर्ण योगदान दे रहे हैं।
- बी.ए.की उपाधि के पश्चात् छात्र एम्.ए., बी.एड., एम्. फिल., पीएच्.डी. आदि पारंपरिक कोर्स के साथ पत्रकारिता, अनुवाद जैसे अधुनातन व्यावसायिक क्षेत्र में भी पढ़ाई हेतु प्रवेश लेते हैं।
- स्नातक की शिक्षापूर्ण करने के पश्चात् छात्रों के लिए रोजगार के विभिन्न अवसर निर्माण हो जाते हैं और सफलता का प्रतिशत बढ़ जाता है। छात्र जिम्मेदार नागरिक बनकर अपने परिवार और देश की उन्नति में महत्वपूर्ण योगदान देते रहे हैं।

Programme Specific Outcomes of M.A (Hindi)

- एम्.ए. हिंदी स्नातकोत्तर उपाधि है। हिंदी भाषा में स्नातकोत्तर स्तर की पढ़ाई के पश्चात् छात्रों के लिए रोजगार के कई अवसर उपलब्ध होते हैं। साथ ही अनुसंधान के क्षेत्र में भी छात्र अग्रसर होते हैं।
- इस कोर्स द्वारा छात्रों में मानवीय मूल्य, संवेदनाएं, इंसानियत, नैतिकता, मानवीय जीवन मूल्य, देशभक्ति, सांस्कृतिक पृष्ठभूमि तथा संस्कार आदि गुणों का विकास होता है।




Principal
Balhim Art's Science &
Commerce College, Beed

Programme Specific Outcomes: Marathi

B. A. Marathi

- PSO01: Students will be able to get employability opportunities (BL6).
- PSO02: To inculcate human values and their importance in life (BL5).
- PSO03: To understand Marathi literature and sensitize the learners towards life shade (BL2).
- PSO04: To realize reality and inspire learners for literary creations (BL2).
- PSO05: To understand social issues, literature, literary criticism & culture (BL6).
- PSO06: To provide employability to the learner in the field of media like T.V. radio, advertisement, translation and prepare for competitive examinations (BL6).
- PSO07: To sensitize students for becoming responsible citizens in society (BL6).

Programme Specific Outcomes: M. A. Marathi

- PSO01: To provide employability opportunities (BL6).
- PSO02: To empower learners with Marathi literature, criticism, and enrich them with Research skills (BL5).
- PSO03: To inculcate human values among the students (BL6).
- PSO04: To understand culture, society and real life situations (BL6).
- PSO05: To provide multiple learning opportunities in literature (BL2).
- PSO06: To sensitize learners for becoming responsible citizens in society. (BL5).




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF URDU

Programme Specific Outcomes of B.A

- General outcomes are broad statements identifying the knowledge, skills and attitudes that students are expected to achieve in the course of their language learning experience.
- Students will use Urdu in a variety of situations and for a variety of purposes.
- Students will use Urdu effectively and competently.
- Students will acquire the knowledge, skills and attitudes to be effective global citizens.
- Students will know and use various strategies to maximize the effectiveness of learning and communication.
- successful learners of Urdu language and culture, although they will learn in a variety of ways and acquire proficiency at varied rates
- Understand and appropriately use Urdu grammar.
- leads to enhanced learn about history of Urdu language and literature
- Gain knowledge about the authors, their lives and their contributions to Urdu literature.
- develop communicative competence in Urdu
- This degree course enables the students to go for various Urdu language related jobs.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF POLITICAL SCIENCE

Programme Specific Outcomes of B.A

- It gives new direction to the youth for leadership.
- The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.
- The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice. It is useful for socialization to politicizations
- It is play important role in foreign policy.
- It is a way to understand international foreign policy to know the daily movement international politics.
- A subject who gives the knowledge of current affairs of world politics.
- It is useful to understand Indian government and politics.
- Students will able to explain the Governmental mechanism from Gram panchayat to Parliament and can suggest solutions over various issues in its functioning and implementation.
- Students will use various political concepts and ideology to analyze new situations.
- It takes a main part to reach constitutional provisions to the citizens.
- It gives information of political history which is useful for future political policies.
- It aware to the people for their not only rights but also duties.
- Students can work as political analyst, political party adviser, as a research scholar or can be a free-lance political thinker and writer.

Programme Specific Outcomes of M.A. (Political Science)

- Through the PG programme the students will come know about research in their respective subject. It may also provide the information to the students for collection of Data. Enquiry, primary and secondary methods of collection of data, classification and tabulation of data. Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.
- Form to develop and assist political and Administrative leadership.
- To develop political moral values.
- The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice.
- To provide students with knowledge of social political & Economic system & their inter relationship.




Principal
Balbhim Art's Science & Commerce College, Beed

- Students will be able to critically analyze and apply the basic principles of Indian and western political thinkers and scholars.
- To help the students to understand International political activities.
- To keep the pace with changes and research in politics & political sci. at local to global.
- To make students competent to face challenges in the field of politics, political sci. & successfully prepare for the civil services.
- To strengthen the feelings of social commitment and humanity in the students.
- To create a good political man who totally aware for political society.
- The programme provides the students with the capacity to identify issues and problems relating to the realization of human rights.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF ECONOMICS

Programme Specific Outcomes of B.A

- The program of Economics in B.A. makes aware to the students about the basic knowledge of economics.
- It introduces economic behavior of the individual person, institution, society and country.
- Growth and Development theories are providing knowledge about how to be developed in certain circumstances.
- Knowledge of Indian Economy, public finance and International Economics support students to make strategy to be successful businessman.
- Economics subject knowledge is useful to be successful in UPSC, MPSC, Banks, Statistic Department, NSSO, CSO, IES, and RBI.

Programme Specific outcomes M.A. (ECONOMICS)

- The program provides deep knowledge of economic behavior of the individuals and community.
- Students understand properly the economic problems of the economy and analyze solutions on it.
- The economic policies of the government and certain government bodies from local to international level are being studied in the program which is supportive to decision making in the unit.
- It helps to enhance research oriented mind in economics which support to enhance the knowledge of economics.

With the complete knowledge of economics students are able to get higher position jobs in Government as well as private institutions as an Economist, Economic Advisor, Research Assistant, Director, Assistant Professor etc




Principal
Balhim Art's Science &
Commerce College, Beed

DEPARTMENT OF PSYCHOLOGY

Programme Specific Outcomes of B.A

- To enable student to make the connection between psychology and its practical application to everyday life.
- To train student how psychological principles can help them to face life's challenges
- To enables students to relate what they are learning in class to issues that they encounter in their everyday life, such as stress, health, work, personal relationships, communication and self-esteem.
- To enable student to appreciate how individual behavior is influenced by social and cultural contexts.
- To enable student to develop an understanding of functioning of dyads, groups and organization.
- To understand the unique features of the Indian socio-cultural context.
- To understand how social problems can be analyzed in terms of various social psychological theories.
- To impart Knowledge about the normality and Abnormality
- To make students understand the nature and Course of various abnormal conditions.
- To impart Knowledge and skills needed for Psychological assessment of different abnormal conditions.
- To create interest in psychological phenomenon.
- To develop awareness of psychological tools, techniques and tests.

Programme Specific Outcomes of M.A. - Psychology

- To create interest in psychological phenomena.
- To develop awareness of psychological tools. Techniques and tests.
- To nurture the skill of observation
- To acquaint the student and make them understand the different statistical method with their uses and interpretations.
- To develop computational skills in students and enable them to analyze the data practical project work and dissertation
- To familiarize student with the nature and process of counseling
- To acquaint students with various assessment techniques
- To expose the students to various types of intervention strategies,
- To develop computational skills in students and enable them to analyze the data practical project work and dissertation.




Principal
Balhim Art's Science & Commerce College, Beed

DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

Programme Specific Outcomes of B.A

- Students will be able to demonstrate adequate knowledge and competencies needed to be successful sports management professionals in a variety of settings.
- Students will be able to effectively apply knowledge and skills learned throughout the curriculum in real world settings.
- Students will be able to apply critical thinking and reasoning skills as sports management professionals.
- Students will be able to capably communicate, orally and in writing, as a sports management professional within various sport settings.

Students will be able to analyze situations and apply the principles of appropriate leadership skills and behaviours.




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF MUSIC

Programme Specific Outcomes of B.A

- Understand basic concept of Indian classical music.
- Able to learn basic concept of light music and Instrumental music.
- Understand notion of various Ragas and their presentation.
- Get knowledge of various gharanaes.
- Drama brings elements of play, humor, and laughter to those taking part - improves motivation and reduces stress.
- Acting and drama games allow students to express a range of emotions and encourage them to understand and deal with similar feelings they may be experiencing. Aggression and tension are released in a safe, controlled environment - often allowing for a period of reflection afterwards.
- Performing, even the most passive performances, requires intensive movement over a prolonged period. Many performing arts exercises improve flexibility, coordination, balance, and control.
- Rehearsing and performing lines and movements will improve memory. Your memory requires exercise, just like a muscle.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM

Programme Specific Outcomes of B.A

- The students can understand various types of journalism and their importance
- students an understanding of the importance of public opinion and role of journalism in framing
- Students understand the history and basics of online media
- Basic idea on cybercrimes and cyber laws that govern them
- Develop skill of reporting and writing for print media
- enable the students understand news values and qualities of reporters
- different types of reporting and their importance
- enable students to understand different forms of journalistic writing
- basic understanding on various media laws and ethics
- to basics of advertising and its role in society
- understand the scope, functioning of Public relations
- an understanding of various forms advertising
- issues in India and coverage of media on these issues
- idea of social responsibility and create awareness of state and central government welfare measure




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF DRAMA

Programme Specific Outcomes of B.A

- **Self-Confidence:** Students learn to trust their ideas and abilities. Confidence gained from learning performing arts skills applies to school, career, and life.
- **Imagination:** Being creative and learning to make creative choices helps students to be better at thinking of new ideas, allowing them to view the world around them in new ways. Problem solving: Students
- **Empathy:** Understanding characters, roles and the subtext of plays and musicals allows students to relate better to different situations, backgrounds, and cultures. It encourages them to show compassion and tolerance for others.
- **Cooperation:** Theatre is collaboration of different players and in many cases the quality of any performance reliance on an ensemble performance. Combining the creative ideas and the abilities of *all* participants is required for the best outcomes. This requires all those taking part to engage in discussions, feedback, rehearsing, and the performance.
- **Concentration:** Playing, practicing, and performing will develop the ability and skills to be able to focus the mind, the body, and the voice.
- **Communication Skills:** It seems obvious to say that drama, theatre and the performing arts improves verbal and nonverbal communication, but it is worth stating that this benefits young people through their life. It improves vocal projection, articulation, tone of speech and expression. Importantly is also develops listening and observation skills.
- **Fun:** Drama brings elements of play, humor, and laughter to those taking part - improves motivation and reduces stress.
- **Emotional Outlet:** Acting and drama games allow students to express a range of emotions and encourage them to understand and deal with similar feelings they may be experiencing. Aggression and tension are released in a safe, controlled environment - often allowing for a period of reflection afterwards.
- **Physical Fitness:** Performing, even the most passive performances, requires intensive movement over a prolonged period. Many performing arts exercises improve flexibility, coordination, balance, and control
- **Memory:** Rehearsing and performing lines and movements will improve memory. Your memory requires exercise, just like a muscle.




Principal
Balbhim Art's Science &
Commerce College, Beed

DEPARTMENT OF SANSKRIT
Programme Specific Outcomes of B.A

- Students graduating in this course can understand the linguistic features and literary aspects of Sanskrit language.
- Students will specialize the moral, social and philosophical values in ancient Sanskrit literature.
- They will develop the ability of comparison by the study of ancient and modern Sanskrit education, culture and literature.
- Learners of this course will be encouraged for the appreciation and creativity of Sanskrit literary aesthetics.
- Students can develop their interest in Sanskrit and thus work to rejuvenate the language.
- They can go for Postgraduate course in Sanskrit.
- Students can understand the moral and human values through the study of Sanskrit literature which will be beneficial to their day-to-day life.
- Students can develop their interest in literary sources given in Sanskrit Literature.

They can improve their communication skills by the study of Sanskrit grammar which will enhance their impressive personality.

- The knowledge of this course will be helpful for students to understand the Sanskrit poetics and its styles.




Principal
Balbhim Art's Science & Commerce College, Beed

DEPARTMENT OF PUBLIC ADMINISTRATION

Programme Specific Outcomes of B.A

- Students will be able to lead and deal with public governance.
- Students will participate and contribute to the policy process.
- Students will be able to analyze, synthesize, think critically, solve problems, and make decisions.
- Students will articulate and apply a public service perspective.
- Students will be able to communicate and interact productively with a diverse and changing workforce and citizenry.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Specific Outcomes of NSS

- 'NOT ME:BUT YOU' is the fundamental principle of personality development strictly followed in NSS programme.
- Student's nature created as supportive in community development work.
- The programme develops constructive and positive attitude in the personality of learners.
- The skills are being developed in the students which support to be good social worker, successful businessman, good politician etc.

The programme helps to bring sustainable social change with equity.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Specific Outcomes of NCC

- To meet the requirements expected of the current socio-economic scenario of the country.
- To develop character, comradeship, discipline, a secular outlook,
- To spread spirit of adventure and ideals of selfless service amongst young citizens.
- To be created a pool of organized, trained and motivated youth with leadership qualities in all walks of life,
- To provide an environment conducive to motivate young Indians to join the armed forces.




Principal
Balhim Art's Science & Commerce College, Beed

Program Name: Ph.D. Chemistry

Programme Specific Outcomes

1. To develop a concrete base for conceptual and logical thinking in chemical sciences.
2. Students will get advanced knowledge in the area of modern primary characterization techniques in Chemical Sciences.
3. Students will be capable to recognize and resolve problems related to Chemical Science and explore new areas of research.
4. Students will be explored to multidisciplinary areas of research related to Chemical Science.
5. Students will be capable for safety procedures, handling and use of chemicals.
6. Students will be capable for critical thinking and problem solving techniques.
7. To generate social awareness and benefits to society regarding Chemical science.
8. Students will gain the knowledge regarding Schiff bases, Metal complexes, Bioactive heterocyclic molecules Oxidations, Reductions, Enamines, Ylides. Enolates etc.




Principal
Balhim Art's Science &
Commerce College, Beed

Programme Name: Ph.D. Botany

Programme Specific Outcomes

- Research students study deep and critical thinking of any phenomenon.
- Research is eligible for the post of Assistant Professor after completion of Ph.D.
- Research Scholars also makes empirical data from real life experiences or observations.
- Research Scholars obtains new insights for the old theories.
- Research Scholar gets the knowledge of validity and verifiability of any research objective.
- Researcher acquires Doctorate Degree after research in their respective topics.
- Researcher can be able to solve the current agricultural, environmental, ecological problems.
- Researchers in Botany field are the need of forthcoming years because finally all human beings depend on plants for our life.




Principal
Balbhim Art's Science &
Commerce College, Beed

Programme Outcomes- Ph.D. Commerce

Programme Specific Outcomes

1. The Research students would gain and enrich a thorough understanding of various avenues for conducting research in the field of commerce, management, and economics.
2. The commerce, management economics, and finance pedagogy offers a number of specializations and practical exposures that would equip the scholars to face the contemporary challenges in the field of commerce, management, and business.
3. The comprehensive outlook of the course offers value based and job oriented courses that ensure that students are trained in state-of- the-art technology commerce and management. Conceptual clarity in the field of knowledge and research. Higher communication skills in every aspects, critical ability to apply theories and methods to address the research problem. Ability to lead the organization and society.
- 4 Research student will also gain the ability to pass on the refined knowledge to the next generation for higher learning and for the betterment of society
5. Research student will certainly have higher abilities as an employee or as an entrepreneur to work in a team for the growth of the organization.




Principal
Balbhim Art's Science & Commerce College, Beed

Programme Specific Outcomes of Hindi Ph.D.

- छात्र हिंदी विषय में निष्णात बन जाता है।
- छात्र किसी विश्वविद्यालय एवं महाविद्यालय में अध्यापन हेतु सक्षम बन जाता है।
- छात्र अगर NET और JRF उत्तीर्ण होता है, तो पीएच. डी. करते समय उसे अच्छी स्टाइपेंड मिलती है।
- छात्र को देश, विदेश में दुभाषिक रूप में काम करने के मौके मिल सकते हैं।
- आप असिस्टेंट प्राध्यापक है, तो पीएच. डी होने के कारण आप असोसिएट प्राध्यापक और प्रोफेसर बन सकते हैं।
 - हिंदी साहित्य से जुड़े छात्र मीडिया, साहित्य अकादमी, भाषा अनुसंधान आदि संस्थाओं से जुड़ सकते हैं।
 - पीएच.डी करने के पश्चात् सैलरी और भत्ते भी अन्य की तुलना में काफी ज्यादा मिलते हैं।
- छात्र हिंदी की मानक वर्तनी में निष्णात बन जाता है।
- छात्र अपने नाम के पहले डॉक्टर लिखने लगते हैं।
- छात्र के रिसर्च पेपर इंटरनेशनल लेवल पर छप सकते हैं। इससे छात्र को दुनियाभर में पहचान मिलती है।




Principal
Balbhim Art's Science &
Commerce College, Beed

Programme Outcomes- Ph.D. Marathi

१. संशोधक विद्यार्थी त्या त्या विषयाचा सखोल आणि चिकित्सक अभ्यास करतो.
२. संशोधक महाविद्यालयीन अध्यापकीय सेवेसाठी अध्यापक म्हणून पात्र होतो.
३. संशोधक संशोधन विषयात पारंगत होऊन नैपुण्य प्राप्त करतो.
४. आपल्या संशोधनातून संशोधक तौलनिक साहित्याचा अभ्यास करतो.
५. अनुवादाच्या क्षेत्रात विविध साहित्यकृतींची संशोधकाला मांडणी करता येते.
६. साहित्य, समाज आणि संस्कृती विषयक बाबींचे आकलन संशोधकास होते.
७. साहित्यविषयक नवी दृष्टी संशोधकास प्राप्त होते.
८. संशोधक नवी संशोधकीय मांडणी करण्यास सक्षम होतो.
९. संशोधकास संबंधीत विषयात डॉक्टर ही उपाधी प्राप्त होते.
१०. संशोधन पद्धती, संशोधनाची तात्विकता या बाबी संशोधकास आकलन करून घेता येतात.




Principal
Balhim Art's Science &
Commerce College, Beed




Principal
Balhim Art's Science &
Commerce College, Beed