



ANNUAL TEACHING PLAN- 2023-24

Dept. of Zoology

First Term (I, II and III Year)




Dr. B. S. Khaire

Semester	Paper	July 2023	Aug. 2023	Sept. 2023	Oct. 2023	Nov. 2023
I	II Zol -102 Theory Cell Biology	Admission Process Introduction to Cell Biology Topic -1 - Structure of Prokaryotic and Eukaryotic cell. Energy efficiency of cell, Cell cycle, Mitosis, Meiosis	Topic -2 Cell Environment -Chemical bonds, Inorganic: Water, Salts, Ions Organic Compounds: Carbohydrates , Proteins Lipids, Nucleic acids, Vitamins	Topic -2 Organization of Cell -Plasma Membrane -E. R. -Mitochondria -Nucleus, -DNA - Types of RNA - Lysosomes - Ribosomes - Cytology of Cancer Micro-technique	Topic -4 Nucleus -Structure & Function - Str. of DNA -Types of RNA Topic -5 Cancer Biology and Ageing Charact. of Cancer Cell Types of Cancer - Study of Meiosis	Cell Ageing Effect of radiation on cells Term end Exam
	III Zool -103 Practical	Study of Prokaryotic Cell Study of Eukaryotic Cell	- Localization of Mitochondria Study of Cancer Cell	Study of Cell Organelles Mitosis - squash preparation to study mitosis		
III	VI - Zol -312 Ecology	Admission Process Topic -1 Introduction to Ecology Abiotic Components Biotic Components	Topic -2 Types of Ecosystem Marine, Freshwater, Desert and Forest Ecosystem Food web, Food chain, Ecological pyramids	- Ecological Niche -Community Succession Topic -3 Community and Biotic Interaction Str. of community Characteristics of Community	-Characteristics of Community -Community Succession -Biotic Interaction Topic 4 Population Ecology Characteristics of Population	Population Growth and Regulation Term end Exam
III	Zol -322 Practical	Estimation of DO Estimation of Alkalinity Estimation of Salinity	Esti. of Population Density -Study of Microscopic Fauna	Esti. of water holding capacity of soil Preparation of Permanent Slides	Visit to Ecosystems Study of Animal Association ship	Term end Exam
V	XV Theory Ecology	Admission Process Topic 1 Introduction to Ecology Definition • Concept • Terminology used in Ecology	Topic 2 Abiotic Environmental Factors • Light • Temperature • Moisture & Salinity Topic -2 Biotic environmental Factors • Competition • Predation • Parasitism	• Commensalism • Mutualism Topic -4 Population • Introduction • Characteristics of population • Population Growth & Regulation Topic- 5 Community, Structure	• Characteristics of Community Topic -6 Ecosystems -Types of Ecosystems Introduction to major ecosystems in the world a. Pond / Marine ecosystem	b. Desert ecosystem Term end Exam
V	XVII Practical	Admission Process  HEAD Dept of Zoology	Pract. No. 1 Estimation of Pond Productivity Pract. No.2 Soil Parameters • pH • Alkalinity	Soil Parameters • Chlorinity • Salinity Pract. No. 3 Water Parameters • DO • CO2	Water Parameters • Chlorinity, Salinity Pract. No. 4 Study of association ships Pract. No. 5 Estimation of Population Density	Pract. No.6 -Preparation of Slides  PRINCIPAL

Second Term

Dr. B. S. Khaire



Semester	Paper	Dec. 2023	Jan. 2024	Feb. 2024	Mar. 2024	Apr. 2024
II	Zol -107 (Practical)	<ul style="list-style-type: none"> Study of museum specimen Museum Study of Protochordata 	<ul style="list-style-type: none"> Museum Study of Agnata Fishes Museum Study of Fishes 	<ul style="list-style-type: none"> Museum Study of Amphibia Museum Study of Reptilia 	<ul style="list-style-type: none"> Museum Study of Aves Museum Study of Mammalia 	<ul style="list-style-type: none"> Term end Exam
IV	Zol -411 Biochemistry and Endocrinology	Section II Topic 5 Endocrine system of Vertebrates Introduction Significance of Endocrine & Neuro endocrine system	Structure of Pituitary Gland Structure and functions of Adenohypophysis Structure and functions of Neurohypophysis	-Structure and function of Thyroid Gland -Structure and function of Adrenal Gland	Pancreatic Hormones and their Functions Pineal Gland Ovaries and Testis	Term end Examination
IV	Zol -421 Practical	<ul style="list-style-type: none"> Qualitative test for Carbohydrates 	<ul style="list-style-type: none"> Qualitative test for Proteins Qualitative test for Fats 	<ul style="list-style-type: none"> Quantitative estimation of proteins Study of histological slides of endocrine glands 	Study of histological slides of endocrine glands	Term end Examination
VI	VI Paper – XIX Evolution	Topic -1 Concept and organic evolution. --Theories of Organic Evolution - Bear's Law -Biogenetic law -Catastrophism -Lamarckism,-Darwinism -Germplasm	Topic -2 Origin of Life - Definition - Biogenesis, abiogenesis, chemical evolution Topic -3 Evidences of Organic Evolution Topic- 4 Darwinism -Natural Selection Theory -Artificial selection Sexual Selection	Topic -5 Elemental forces of Evolution -Mutation\) -Recombination -Natural selection -Isolation Genetic Drift Topic -6 -Basic patterns of Evolution -Sequential - -Divergent - Microevolution -Macroevolution -Mega evolution	Topic -7 Speciation and Speciation Species- -concept Speciation: Allopatric, Sympatric and Parapatric Topic -8 <ul style="list-style-type: none"> Fossils - Definition - Fossil formation & types of fossils 	Term end Examination
VI	XXI Practical	Pract. No.1 Embryological Evidences of evolution  HEAD Dept of Zoology	Pract. No.2 -Adaptive modification in feet of birds - Adaptive modification in mouth parts of insects Pract. No.3 Evolution of Man/Horse	Pract. No.4 Speciation -Allopatric -Sympatric Pract. No.5 -Homologous organs -Analogous organs	Pract. No.6 Study of Natural Selection	Term end Examination

Department of Zoology
ANNUAL TEACHING PLAN 2023-24

Class: - B.Sc. Degree

Semester: - II, IV, VI

Teacher's Name: - Dr. S. D. Ovhal

Semester	Paper	Dec2023	Jan 2024	Feb 2024	March 2024	April 2024
B.Sc. I Sem-II	DSC-5 ZOO- 151 Principles of Genetics	Unit-1 1. Elements of Heredity and variation 2. Gene Interaction Unit-2 1. Multiple alleles 2. Blood group in man	Unit-2 3. Cytoplasmic inheritance 4. Male sterility 5. Kappa particles in paramecium	Unit-3 1. Sex Determination 2. Gene mutation 3. Triploid Intersexes & Gynandromorph in Drosophila	University Practical Examination	Term End University Theory Examination
B.Sc.II Sem-IV	Paper- VII ZOL- 411 Biochemistry & Endocrinology	A-Biochemistry Unit- 1 Carbohydrates	Unit- 2 Proteins	Unit- 3 Lipids	Unit- 4 Enzyme & Vitamins	Term End University Theory Examination
	ZOL- 421 practical based on ZOL- 411	1) Preparation of solutions	2) Study of Analytical Instruments	3) Factors affecting enzyme activity— Temperature & P ^H	4)Detection of amino acid by paper chromatography	Term End University Theory Examination
B.Sc.III Sem-VI	P-XX Theory Fishery Sci-II	Part-A Fish Culture Topic 01 Introduction -Types of ponds -construction & maintenance of ponds -productivity of ponds	Topic- 02 Fish Diseases Topic-3 Fish Breeding	Part-B Fish Technology Topic- 04 Fish Preservation and Processing	Topic- 05 Craft and Gears used in fishery science	Term End University Theory Examination
	P- XXII Practical Batch-A+B	1.Study of primary productivity of pond 2.Museum Study of fresh water fishes	2. Museum Study of fresh water fishes 3.Study of fish parasite & worms	4. Removal of fish pit. Gland & preparation of pituitary extract. 5.Identification of fish craft & gears	- Record book Certification	Term End University Theory Examination

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Department of Zoology ANNUAL TEACHING PLAN 2023-24

Class: - B.Sc. Degree

Semester: - I, III, V

Teacher's Name: - Dr. S. A. Anarse

Semester	Paper	July 2023	Aug 2023	Sept 2023	Oct 2023	Nov 2023
B.Sc. I Sem-I	Pap- 101 Animal Diversity Practical- D+E	Admission Process Section-A 1) Study of animals Belonging	2) Study of animals 3) Temporary Mounting Obilia Colony 4) Parapodium of Neris 5) Study of Diversity of Mouth of insect, Mosquito, Housefly, Honey Bee	6) Earthworm – Dig & Nervous system 7) Cockroach- Digestive system Part- B 1) Study of prokaryotic cells 2) Study of eukaryotic cells	3) Localization of Mitochondria by Janus screen stain 4) Study of osmosis using human RBCs 5) Study of cytoplasmic movement in paramecium	6) Study of cancer cells through permanent slides 7) Study of cell organelles 8) Study of Miosis using suitable material
B.Sc. II Sem-III	P- Zool-313 Practical Heamatology Batch – A+B	Admission Process Unit-1 Basic Concept of Heamatology 1) Introduction Of Heamatology.	Unit-2 2) Definition , components of blood. 3) To understand the composition function of human blood 4) Structure and function of blood cell of linph	5) Significance of blood 6) Collection arterial blood Unit- 3 1) Study of bood cell count-Total WBC count, 2) Total RBC count	Unit- 4 1) Study of bood semer for different cell WBC count-Preparation and staining semer 2) To develop skill of collecting Preserving and analyzing blood sample	Unit 5) 1) Counting method of cells Morphology of white cells, types of white cells, abnormalities inmorphology of blood cells and related disease.
B.Sc.III Sem V	Practical Paper- XVII Batch - C	Unit 1) 1) Admission Process Introduction to Ecology	Unit 2) 2) Estimation of productivity of pond of ecosystem, Determine the parameter of soil ,PH, Salinity, Alkalinity, Chlorinity	Unit 3) 3) Analysis of DO, Salinity, Chlorinity of Water sample.	Unit 4) 4) Study of animal association ship, Mutualism, Parasitism, prediction and commensalism, Competition.	Unit 5) 5) Preparation of permenant slides, Spirogyra, Verticilla, Odogonium, Daphnia, Cyclops , Mysis, Keretilla.


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Department of Zoology ANNUAL TEACHING PLAN 2023-24

Class: - B.Sc. Degree


Semester: - I, III, V

Teacher's Name: - Dr. S. A. Anarse

Semester	Paper	July 2023	Aug 2023	Sept 2023	Oct 2023	Nov 2023
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Annual Teaching Planning


(Academic Year: 2023-2024)

Class: B. Sc. First Year (Semester - II)

Subject: CHE-211 Physical Chemistry

Name of the Lecturer: Dr. D. B. Jirekar

Sr. No.	Month	Unit	Subunit
1.	November	Unit- I: Chemical Energetics A) Thermodynamics	Basic concepts of Thermodynamics: System, Surrounding, boundary. Types of systems. State and path functions. Thermodynamic Process, Intensive and Extensive properties. First law of Thermodynamics. Spontaneous and Non-spontaneous processes. Second Law of Thermodynamics. Carnot Cycle and its efficiency. Entropy, Physical significance of entropy. Third law of Thermodynamics. Calculation of absolute entropies of substances.
2.	December	B) Thermochemistry	Concept of standard state, standard enthalpy of formation. Hess's law of constant heat Summation and its applications. Bond dissociation energy and its calculations from thermochemical data. Temperature dependence of enthalpy, Kirchhoff's equation.
3.	December-January	Unit- II: Chemical Equilibrium:	Free energy change in chemical reactions. Thermodynamic derivation of the law of chemical equilibrium. Relation between K_p , K_c and K_x . For reactions involving ideal gases. Le Chatelier's Principle.
4	January-February	Unit- III: Gaseous State	Postulates of kinetic theory of gases and derivatives of the kinetic gas equation. Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion, Avogadro's hypothesis, deviation of real gases from ideal behaviour, van der Waals equation of state for real gases. critical Phenomena: PV isotherms of real gases.
3.	February-March	Unit- IV: Chemicals Kinetics	Rate of reaction, Definition and units of rate constants. Factors affecting rate of reaction. (Nature of reactant, concentration, pressure, temperature and catalyst). Order and Molecularity of reaction. Zero order reaction, First order reaction, Characteristics of first – order reaction, examples. Pseudo-unimolecular reactions, examples. Second order reaction: Derivation of rate constant for equal and unequal concentration of the reactants. Characteristics of Second order reaction. Numerical on First order and Second order reactions. Arrhenius equation, Concept of energy of activation.


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Annual Teaching Planning


(Academic Year: 2023-2024)

Class: B. Sc. Second Year (Semester-III)

Subject: Physical Chemistry (CHE-312)

Name of the Lecturer: Prof. D. B. Jirekar

Sr. No.	Month	Unit	Subunit
1.	June	Surface Chemistry	Introduction to surface chemistry some basic terms related to surface chemistry adsorption, adsorption materials, factors affecting adsorption, characteristics of adsorption, types of adsorption, classification of adsorption isotherms, Langmuir's adsorption isotherm, Freundlich's adsorption isotherms, BET theory (only introduction), applications of adsorption, Numericals.
2.	July	Phase equilibrium	Introduction; definitions of phase, components and degrees of freedom of a system; Stability of phases, criteria of phase equilibrium. Gibbs phase rule and its thermodynamic derivation, phase diagrams of one- component systems- water, carbon dioxide and sulphur systems, Numericals.
3.	August	Quantum Chemistry	Introduction, de Broglie hypothesis, The Heisenberg's uncertainty principle, quantization of energy, Operators, Schrodinger wave equation, well behaved function, Particle in a one-, two and three-dimensional box (no derivation), Physical interpretation of the ψ and ψ^2 . sketching of wave function and probability densities for 1D box, degeneracy, applications to conjugated systems, zero-point energy and quantum tunnelling, Numerical
4.	September	Photochemistry	Introduction, Difference between thermal and photochemical processes, Laws of photochemistry i) Grothus - Draper law ii) Stark-Einstein law. Quantum yield, Reasons for high and low quantum yield., Factors affecting Quantum yield, Experimental method for the determination of quantum yield, types of photochemical reactions - photosynthesis, photolysis, photocatalysis, Photosensitization. Jablonski diagram depicting various processes courses in the excited state: Qualitative description of fluorescence and phosphorescence, Chemiluminescence, Numericals
5.	October	Conductoinetry	Introduction, Electrolytic Conductance, Resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, variation of equivalent and specific conductance with concentrations, Kohlrausch's law and its applications, conductivity cell, conductivity meter, Wheatstone Bridge, determination of cell constant conductometric titrations (strong acid-strong base, strong acid-weak base, weak acid strong base) and Numericals.
6	November	Colorimetry	Introduction, interaction of electromagnetic radiation with matter, essential terms: radiant power, transmittance, absorbance, molar, Lambert's Law, Beer's Law, Lambert-Beer's Law, molar absorptivity, deviations from Beer's Law, Colorimeter: principle, construction and components, working. Applications unknown conc. By calibration curve method, Determination of unknown concentration of Fe(III) by thiocyanate method, Numericals.


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Annual Teaching Planning


(Academic Year: **2023-2024**)

Class: B. Sc. Third Year (Semester-V & VI)

Subject: Lab. Course – V (Paper No. XV)

Name of the Lecturer: Prof. D. B. Jirekar

Sr. No.	Month	Unit	Subunit
1.	June	Binary Mixture:	i) Benzoic Acid + β -naphthol ii) Salicylic Acid + P- nitro aniline
2.	July	Binary Mixture:	iii) β -naphthol + Acetanilide iv) m-nitroaniline + Naphthalene
3.	August	Binary Mixture:	v) α -naphthol + O-nitroaniline vi) Cinnamic Acid + Naphthalene
4.	September	Binary Mixture:	vii) Salicylic Acid + Naphthalene viii) β -naphthol + m-dinitrobenzene
5.	October	Binary Mixture:	x) Salicylic Acid + β -naphthol
6.	December	Inorganic Qualitative Analysis (Semi-Micro Analysis)	1. Five mixtures of Semi-Micro Analysis.
7.	January	Inorganic Qualitative Analysis (Semi-Micro Analysis)	2. Separation of calcium and Barium and estimation of Ca-volumetrically. 3. Separation of Cu and Ni from binary mixture solution and estimation of Cu-volumetrically 4. Estimation of oxalic acid and H_2SO_4 in a given mixture Solution using NaOH and $KMnO_4$ solution.
8.	February	Inorganic Qualitative Analysis (Semi-Micro Analysis)	5. Estimation of Fe by potassium dichromate using diphenyl ammine indicator. 6. Estimation of available chlorine in the given sample of Bleaching powder. 7. Separation of calcium and Barium and estimation of Ba-gravimetrically.
9.	March	Inorganic Qualitative Analysis (Semi-Micro Analysis)	8. Separation of Cu and Ni from binary mixture solution and estimation of Ni-gravimetrically


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Annual Teaching Planning


(Academic Year: **2023-2024**)

Class: B. Sc. Third Year (Semester-V & VI)

Subject: Lab. Course – VI (Paper No. XVIII)

Name of the Lecturer: Prof. D. B. Jirekar

Sr. No.	Month	Unit	Subunit
1.	June	Organic Estimation	i. Estimation of Carbonyl group by hydrazone formation method ii) Estimation of vitamin C in commercial soft drink / Glucon D
2.	July	Binary Mixture:	iii) Estimation of ascorbic acid iv) Estimation of Saponification value of oil
3.	August	Organic Preparation and its purity by TLC	i) Preparation of Hydrazobenzene from azobenzene. ii) Preparation of Phthalic anhydride from phthalic acid. iii) Preparation of 2, 4 dinitrophenyl hydrazone of acetone.
4.	September	Organic Preparation and its purity by TLC	iv) To prepare picrate of Naphthalene. v) To prepare picrate of Anthracene. Vi) preparation of p – bromo acetanilide from acetanilide
5.	October	Instrumental:	1. Determine the Strength of HCl and CH ₃ COOH in a given mixture by titrating against strong base conductometrically. 2. Determine the strength of oxalic acid conductometrically using sodium hydroxide solution.
6.	December	Instrumental:	3. To determine empirical formula of ferric -5-sulphosalicylate 4. Determine the amount of Fe ²⁺ in the given solution potentiometrically.
7.	January	Instrumental:	5. To determine the refractive indices of series of salt solutions and to find out concentration of the salt in given unknown solution
8.	February	Non-Instrumental	1. To determine the interfacial tension between two immiscible liquids. 2. To study the effect of addition of an electrolyte NaCl / KCl on the solubility of benzoic acid at room temperature.
9.	March	Non-Instrumental	3. To determine the standard free energy change ΔG^0 and equilibrium constant for the reaction. $\text{Cu} + 2 \text{Ag}^+ = \text{Cu}^{2+} + 2 \text{Ag}$


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Annual Teaching Planning

(Academic Year: 2023-2024)


Class: B. Sc. Second Year (Semester-III & IV)

Subject: Lab. Course – III +VII (Paper No. CHE-321 + 421)

Name of the Lecturer: Prof. D. B. Jirekar

Sr. No.	Month	Unit	Subunit
1.	June	Chemical Kinetics	i. To study the acidic catalyzed hydrolysis of an ester (methyl acetate) and determine the rate constant (K) First order reaction. ii. To study the kinetics of the kinetics of saponification reaction between sodium hydroxide and ethyl acetate.
2.	July	Chemical Kinetics	iii. To compare the relative strength of HCL and H ₂ SO ₄ or HNO ₃ by studying the kinetics of hydrolysis of methyl acetate. iv. To determine the energy of activation of the reaction between K ₂ S ₂ O ₈ and KI with unequal initial concentration. v. To determine the order of reaction with respect to K ₂ S ₂ O ₈ by fractional life method following the kinetics of per-sulphate iodide reaction.
3.	August	pH metry Conductometry	vi. To determine equivalence point of neutralization of acetic acid by pH metric titration with NaOH. vii. To determine the cell constant of the given cell using 0.01M KCl solution and determine dissociation constant of a given monobasic weak acid viii. To investigate the conductometric titration of strong acid against strong base.
4.	September	Conductometry Colorimetry	ix. To investigate the conductometric titration of weak acid against strong base. x. Prepare standard solution of KMnO ₄ /CuSO ₄ record their absorbance and verify Beer's law and determine unknown concentration. xi. Prepare Fe (III) and SCN ⁻ of in different molar proportion record their absorbance and calculate equilibrium constant of [Fe(SCN)] ²⁺ Complex.

5.	October	Colorimetry Potentiometry	xii. Prepare Fe (III)/Cu (II) and salicylic acid in different molar proportion and determine metal ligand ratio in Fe (III) or Cu (II) – salicylic acid complex. xiii. Potentiometric titration of strong acid against strong base. xiv. Potentiometric titration of weak acid against strong base.
6.	December	Potentiometry	xv. Potentiometric titration of Potassium dichromate Vs Mohr's salt.
7.	January	Organic Preparations	1. Preparation of Benzoic acid from ethyl benzoate 2. Acetylation of primary amine 3. Base catalysed Aldol condensation 4. Preparation of Quinone from hydroquinone 5. Preparation of phthalimide from phthalic acid.
8.	February	Organic Estimations	1. Determination of alcoholic OH groups by phthalation with phthalic anhydride in pyridine. 2. Determination of equivalent weight of a carboxylic acid by titration with standard aqueous alkali solution. 3. Estimation of amino acids by iodine titration
9.	March		4. Estimation of carbonyl compound with 2,4-dinitrophenylhydrazine 5. Estimation of aldehyde/ketone by hydroxylamine-pyridine procedure


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Annual Teaching Plan

(Academic Year : 2023-2024)

Class : F.Y. B.Sc. (Semester –I)

Paper No. : CHE-111

Subject : Inorganic Chemistry


Name of the Lecturer : Dr. P. P. Ghumare

Signature

Sr. No.	Month	Unit	Subunit
1	July - August	I. Atomic Structure & Periodic Properties	Atomic orbital's ,Quantum numbers ,Heisenberg uncertainty principle , shapes of s, p, d orbital's, Aufbau principle , Pauli exclusion principle, Hund's multiplicity rule, Electronic configurations of the elements, Bohr's atomic model Atomic and Ionic radii, Ionization Energy, Electron affinity , Electro negativity, Trends in periodic table and application in predicting and explaining the chemical behavior.
2	August- September	II. Chemical bonding and Molecular Structure(I) Ionic bonding	Defination and general characteristics of ionic bonding, factor affecting on an ionic bond formation, Lattice energy and their importance. Born Lande equation (no derivation) to calculate lattice energy. Born-Haber cycle for NaCl and its applications. Fajans rule, Applications of Fajans's rule for Polarizing power and polarizability, ionic character in covalent compounds, Dipole moment and percentage ionic character
3	September -October	III. Chemical bonding and Molecular Structure(II) covalent bonding	Cocept of hybridization, different types of hybridization and geometry of following molecule on the basis of VBT. Linear geometry BeCl_2 , Planar trigonal geometry BF_3 , Tetrahedral geometry SiCl_4 , trigonal bipyramidal geometry PCl_5 , octahedral

			<p>geometry SF_6 , Pentagonal bipyramidal geometry IF_7</p> <p>VSEPR theory assumptions explain the geometry of following irregular molecule on the basis of VSEPR theory. XeF_2 , ClF_3 , SF_4 , IF_5 .</p>
4	October	<p>IV. chemical bonding and molecular structure(iii)</p> <p>molecular orbital theory</p>	<p>Rules for the lcao method.formation of bonding , antibonding and non bonding molecular orbital. types of overlaps- s-s, s-p and p-p combinations of atomic orbitals. energy level sequence for molecular orbital when $n=1$ & 2.mo diagram for homonuclear diatomic molecule of i & ii periods. i.e. (He_2 , Li_2 , B_2 , N_2 , O_2). molecular orbital diagram for heteroatomic diatomic molecule. CO, NO. bond order and its significance.</p>


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Annual Teaching Plan

(Academic Year : 2023-2024)

Class : S.Y. B.Sc. (Semester –IV)

Paper No. : CHE-411

Subject : Inorganic Chemistry

Name of the Lecturer : Dr. P. P. Ghumare

Signature :

Sr. No.	Month	Unit	Subunit
1	November-December	I. Chemistry Of Elements Of First Transition Elements	General characteristic feature of d-block elements Properties of the elements of the first transition series: Ionic Size, Atomic Size, Metallic properties, Ionization potential, magnetic properties, Oxidation State.
2	December	II. Co-ordination Compounds	Double salt, coordination compound coordinate bond, ligand, types of ligand chelate, central metal ion, charge on complex ion, calculation of oxidation state of central metal ion, metal ligand ratio, Werner's Co-ordination Theory, Effective atomic Number concept, equilibrium constant, chelates effect, IUPAC nomenclature Cationic and anionic complexes, isomerism in co-ordination compounds, polymerization, ionization, hydrate, linkage, coordination isomerism, coordination position isomerism geometric isomerism, optical isomerism. valence bond theory of transition metal complexes
3	January	III- Valence Bond theory of Coordination compound	Aspects and assumptions of VBT, applications of VBT. Hybridisation, structure and bonding in inner orbital complexes $[\text{Ag}(\text{NH}_3)_2]^+$, $[\text{NiCl}_4]^{2-}$, $[\text{Ni}(\text{CN})_4]^{2-}$ $[\text{Cr}(\text{H}_2\text{O})_6]^{3+}$, $[\text{Fe}(\text{CN})_6]^{2-}$ and outer orbital complexes $[\text{Cr}(\text{H}_2\text{O})_6]^{3+}$ $[\text{Cu}(\text{NH}_3)_6]^+$ $[\text{FeF}_6]^{3-}$ limitation of VBT
4	January-February	IV- Crystal Field Theory	Shapes of d-orbital, Assumptions of Crystal Field Theory, splitting of Octahedral ligand field, effect of weak and strong ligand field, spectrochemical series, crystal splitting energy, CFSE and factor affecting it, tetragonal distribution in Cu(II) complexes. Crystal Field Splitting in Octahedral, Tetrahedral and Square Planar Complexes, applications of CFT

5	February	IV- Oxidation and Reduction	Introduction, oxidation number, Galvanic cell, single electrode potential, signs of single electrode potential, electrochemical series, Nernst equation, application of electrochemical series, source of electric energy in a galvanic cell, Hydrogen over voltage, oxygen over voltage, redox stability in water, oxidation by atmospheric oxygen, Latimer diagram, Frost diagram, pourbaix diagram.
6	February-March	V- Volumetric Analysis	Introduction, terminology, basic requirement of titration reaction, Primary standards, expressing concentration of standard solution, volumetric titration, co-relation, P-Function, Acid –base titration, Theory of acid-base indicator, mathematical treatment, redox titration, complexometric titration, poledentate titrants for complexometric titration, EDTA titration methods,caution of volumetric titrimetry, correction for unavoidable error
7	March	VI- The chemistry of elements in medicine	Int roduction, chelation therapy, cancer treatment, anti-arthritis drug, imaging agents


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Annual Teaching Plan

(Academic Year : 2023-2024)

Class : T.Y. B.Sc. (Semester –VI)

Paper No. : XVI

Subject : Inorganic Chemistry

Name of the Lecturer : Dr. P. P. Ghumare



Sr. No.	Month	Unit	Subunit
1	December	I- Metal-Ligand Bonding in Transition Metal Complexes	Limitations of Valence Bond Theory An Elementary idea of Crystal Field Theory Crystal Field Splitting in Octahedral, Tetrahedral and Square Planar Complexes, Factors affecting Crystal Field Parameters
2	December - January	II- Organometallic Compounds	Definition, Nomenclature and classification of Organometallic Compounds, Preparation, Properties, Bonding and Applications of alkyls and aryls of - Li, Al, Hg, Sn and Ti. A Brief account of metal - ethylenic Complexes, Nature of bonding in metal carbonyls.
3	January	III -Electronic Spectra of Transition Metal Complexes	Types of Electronic Transitions Selection rules for d -d transitions, Spectro -chemical series, Orgel Energy level diagram for d1, d5 and d9 Electronic Spectrum of [Ti (H ₂ O) ₆] ³⁺ complex ion.
4	February	IV- Bioinorganic Chemistry	Essential and trace elements in biological processes Metalloporphyrins with special reference to hemoglobin and myoglobin Biological role of alkali (Na ⁺ , K ⁺)
5	February- March	V- Chromatography	Definition and classification of chromatography Paper and Thin Layer Chromatography Method of Development (Ascending, Descending Chromatography) Locating Technique (UV-light / Chemicals) R _f value, Comparison between paper and TLC Applications.



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Annual Teaching Planning

(Academic Year : 2023-2024)

Name of the Teacher : Dr. B. N. Gawade

Class : S. Y. B. Sc. (Semester-III)

Paper No. DSC-1C CHE-311

Subject : Organic Chemistry

Sr. No.	Month	Unit	Subunit
1.	June-July	I. Aldehydes and Ketones	Introduction, IUPAC nomenclature, Preparation: from acid chloride and nitriles, Reactions of aldehydes and ketones with HCN, ROH, NaHSO ₃ , NH ₂ -G derivatives. Iodoform test, Aldol condensation, Cannizzaro's reaction, Witting reaction, Benzoin condensation, Clemenson reduction, Wolf-Kishner reduction and Meerwein-Ponndorf-Verley reduction.
2.	July	II. Carboxylic acids and their derivatives	Carboxylic acids (aliphatic and aromatic): Introduction and IUPAC nomenclature, factors affecting acidity of carboxylic acids. Preparation: Acidic and Alkaline hydrolysis of esters. Reactions: Hell-Vohlard-Zelinsky reaction. Carboxylic acids derivatives (aliphatic): (up to 5 carbons) Preparation: Acid chlorides, Anhydrides, Esters and Amides from acids and their inter conversion. Reaction: Comparative study of nucleophilicity of acyl derivatives. Reformatsky reaction, Perkin condensation.
3.	August	III. Amines and Diazonium Salts	Amines (Aliphatic and Aromatic): Introduction and IUPAC nomenclature, Preparation from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann bromamide reaction, Reactions: Hofmann vs. Saytzeff elimination. Nitration, bromination and sulphonation of aniline. Preparation of p-bromo aniline from aniline, Diazotization reaction, Sandmeyer reaction.
4.	August-September	IV. Heteronuclear Aromatic Compounds	Introduction, Classification of heterocyclic compounds, Structures of furan, pyrrole, thiophene, pyridine and their aromaticity. Basicity of furan, pyrrole, thiophene, pyridine and pyrrolidine. Preparation and electrophilic substitution of furan, pyrrole, thiophene and pyridine. Chichibabin reaction.
5.	September	V. Stereochemistry of Cyclohexane	Bayer's strain theory, structure of cyclohexane, axial and equatorial H-atoms, Heat of combustion cyclo alkanes, confirmations and stabilities of methyl cyclohexane, t-butyl cyclohexane, 1,1-dimethyl cyclohexane, 1,2-dimethyl cyclohexane, 1,3-dimethyl cyclohexane, 1,4-dimethyl cyclohexane
6.	September -October	VI. Active Methylene Compounds	Definitions, Preparation of Ethyl acetoacetate and Synthetic uses of ethyl acetoacetate. Preparation of Diethyl malonate and Synthetic uses of diethyl malonate.

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Annual Teaching Planning

(Academic Year : 2023-2024)


Name of the Teacher : **Dr. B. N. Gawade**

Class : **T. Y. B. Sc. (Semester-V)**

Subject : **Organic Chemistry. Paper No. XIV**

Sr. No.	Month	Unit	Subunit
1.	June-July	I. Spectroscopy	Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (^1H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, spin-spin splitting and coupling constants, areas of signals, interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 2, 2 tribromoethane, ethyl acetate, toluene and Acetophenone. Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and PMR spectroscopic techniques. (Combine and single λ max using woodworfischer rule)
2.	July-August	II. Organometallic Compounds	Organomagnesium compounds: The Grignard reagent formation, structure and chemical reactions. Organozinc compound, formation and chemical reactions, organolithium compound, formation and chemical reactions.
3.	August-September	III. Organic Synthesis via Enolates	Definition, Active methylene compounds, Preparation of Aceto acetic ester, (Claisen condensation with Mechanism), Acidity of alpha hydrogen, properties and reactions involving formation of mono, di and unsaturated carboxylic acids, also synthesis of ketone, di ketone, 4-methyl uracil from acetoacetic ester, keto-enol tautomerism. Preparation of diethyl malonate, properties and reactions involved in alkylation, formation of mono, di and unsaturated carboxylic acids, and also synthesis of glycine and barbutric acids from diethyl malonate.
4.	September-October	IV. Fats, oils and detergents	Natural fats, edible and industrial oils of vegetable origin, manufacture of soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animals fats and oils and defination of saponification value, iodine value, and acid value. Detergents: Defination, Introduction and preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, (one example each), Cleansing action of detergent.

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Annual Teaching Planning

(Academic Year : 2023-2024)

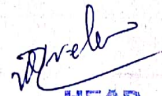
Name of the Teacher : **Dr. B. N. Gawade**


Class : **T. Y. B. Sc. (Semester-VI)**

Subject : **Organic Chemistry. Paper No. XVII**

Sr. No.	Month	Unit	Subunit
1.	November-December	I. Heterocyclic Compounds	Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine, Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. Mechanism of nucleophilic substitution reactions in pyridine. Comparison of basicity of pyridine, piperidine and pyrrole. Condensed Heterocycles: Introduction, Preparation of Quinoline (Skraups Synthesis), Isoquinoline (Bischler - Napiralski) and indole (Fischer indole Synthesis).
2.	December	II. Carbohydrates	Definition, Introduction and Classification. Monosaccharides-Interconversion of Glucose and Fructose, chain lengthening, chain shortening of aldoses. Conversion of Glucose into mannose. Determination of ring size of Monosaccharide, Mechanism of Mutarotation and Introduction to disaccharides (maltose, sucrose and lactose) and Polysaccharides (Starch and cellulose) without involving structure determination.
3.	January	III. Synthetic Polymers	Introduction, Classification based on nature of synthesis (without mechanism) with examples. (Addition and condensation polymers). Properties, uses and synthesis of polyvinyl chloride, polyvinyl acetate, polystyrene, polyacrylonitrile, Nylon 6, Nylon 66. Introduction to synthetic and natural rubber, properties, uses and synthesis of Buna N., Neoprene and silicon rubber.
4.	January-February	IV. Synthetic Dyes and Drugs	Definition, colour and constitution (electronic concept) of dye, classification based on chemical constitution, synthesis of methyl orange, Congo red, malachite green, crystal violet, Alizarin and indigo dyes. Synthetic Drugs, Definition, introduction, classification of drugs. Properties of ideal drug. Synthesis of chloramphenicol, paracetamol, phenacetin, sulphathiazole.


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Annual Planning 2023-2024

Dept. of Physics Dr. R. G. Vidhate

Class/Month	June	July	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
B.Sc.-II Paper No. Phy-312 & 412	C1- Photoelectric effect	C1- Photoelectric effect C2- LASER	C2- LASER C3- Nuclear Forces and Models	C4- Particles accelerators and detector	C4- Particles accelerators and detector	Examination start C1- Crystal Physics	C2- Bonding in solids	C3- Thermal Properties of Solids	C4- Free electron in crystals	C4- Free electron in crystals Examination start	Examination start
B.Sc.-II Paper No. Phy-321, 322 & 421,422 & B.Sc-III XVII, XVIII, XXI,XXII	Admission Process	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Practical No: 1,2,3,4,5,6,7,8	Examination start	
B.Sc.-III Paper No. XVI & XX	C1- Electrostatics	C1- Electrostatics C2-Time varying fields	C2- Time varying fields	C3- Electromagnetic waves III	C4- Interaction of electromagnetic waves with matter	Examination start	C1- Non-Conventional energy sources	C2-Solar Photovoltaic system	C3- Introduction of optical fiber	C4-Fiber cables and fabrication Examination start	Examination start



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Annual Planning 2023-2024

Dept. Of Physics

Class/Month	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.
B.Sc.-I Paper No. Phy-111 & Phy-211	Admission Process	C1- Mechanics	C2- Elasticity	C3- Viscosity	C4- surface Tension	C1- Geometrical Optics	C2-Lens Aberrations	C3-Optical Instruments	C4- Interference and Diffraction	Examination start
B.Sc.-UG Paper No. Phy- 121,221,3 21,322,42 1,422 and XVI,XVII, XXI,XXII.	Admission Process	Practical No: 1,2,3,4,5, 6,7,8	Practical No: 1,2,3,4, 5,6,7,8	Practical No: 1,2,3,4,5,6,7, 8	Practical No: 1,2,3,4,5,6,7, 8	Practical No: 1,2,3,4,5,6, 7,8	Practical No: 1,2,3,4,5,6, 7,8	Practical No: 1,2,3,4,5,6, 7,8	Practical No: 1,2,3,4,5,6, 7,8	Examination start
B.Sc.-III Paper No. XV & XIX	C1- Classical Mechanics	C2- Origin of Quantum Theory	C3- Wave Particle Duality	C4- The Schrodinger equation and its application	C4- The Schrodinger equation and its application	C1- The Atom model	C2- Vector atom model	C3- Molecular Spectra	C4- LASER	Examination start

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Annual Planning 2023-2024

Dept. of Physics
Dr. A. N. Vidhate

Class/Month	June	July	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
B.Sc.-I Paper No. Phy-112 & 311	Admission process	C1- Thermometry and Thermal Conductivity	C2- Real Gas	C3- Transport Phenomena	C4- Thermodynamics	Examination start	C1- Basic concept in statistical physics	C2- Classical statistics	C3- Quantum statistics C4- Theory of Relativity	C4- Theory of Relativity Examination start	Examination start
B.Sc.-II Paper No. Phy-121, Phy-221 & B.Sc-III XVII, XVIII,XXI XXII	Admission Process	Practical No: 1,2,3,4,5,6, 7,8	Practical No: 1,2,3,4, 5,6,7,8	Practical No: 1,2,3,4,5,6,7, 8	Practical No: 1,2,3,4,5,6, 7,8	Practical No: 1,2,3,4, 5,6,7,8	Practical No: 1,2,3,4,5, 6,7,8	Practical No: 1,2,3,4, 5,6,7, 8	Practical No: 1,2,3,4,5, 6,7,8	Examination start	
B.Sc.-II Paper No. Phy-212 & 411	Admission process	C1- Mathematics foundation (Vector Algebra)	C2- Electro statics	C3- Dielectrics	C4- Magnetics	Examination start	C1- Semiconductor devices C2- Transistor biasing and amplifier	C2- Transistor biasing and amplifier C3- Oscillator and OP- Amp	C4- Digital Electronics C3- Oscillator and OP- Amp.	C4- Digital Electronics Examination start	Examination start

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Annual Teaching Planning, **2023-2024**

(B.Sc. I, II, III year)

Subject - Chemistry

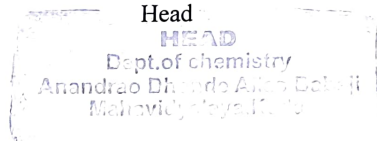


Class	Paper name & No.	First Term					Second Term				
		June	July	August	September	October	November	December	January	February	March
B. Sc. – I	Organic Chemistry-CHE-112 (II) & Applied Chemistry-CHE-212 (IV)	Fundamental of Organic Reaction Mechanism	Isomerism and Stereochemistry	Benzene and its Reaction & Alcohol and Phenols	Alkyl and Aryal Halides	Exam. & Dipawali Holidays	Basic Principle of Chromatography	Study of Drugs	Principle and Application of UltraViolet Spectroscopy	Study of Gas & Analysis of Fertilizers	Exam.
B. Sc. – II	Applied Chemistry CHE-412 (VIII)	–	–	–	–	Exam. & Dipawali Holidays	Infra-red Spectroscopy	Raman Spectroscopy	Dyes and Pigments & Cosmetics	Polymerization & Molecular Weight of Polymer	Exam

Teacher

(Nannaware Ishwar Gorakhnath)

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Annual Teaching Plan- 2023 - 24


Subject :- Mathematics


Semester I, III, V

1) Dr. Bodkhe D. S.(Head) : Paper no. : 102, 301, 302, 502

2) Dr. Smt. G. S. Jagtap : Paper no. : 101, 303, 501, 504

Class	Paper	Aug. 2022	Sept. 2022	Oct. 2022	Nov. 2022
B.Sc. I	101	The Plane	Right line Application of Right line	Sphere	Cones and Cylinders
	102	Sets and Real Sequences	Functions of single variables	Successive Differentiation	Vector Differentiation
B. Sc. II	301	Equation of the first order of &First degree	Equation of the first order of but not First degree	Linear equation with constant coefficient	Linear equation with constant variables coefficient
	302	Special Function	Special Function	Laplace transformation	Laplace transformation
	303	Forces acting on particle	Equilibrium of forces acting on particle	Force acting on rigid body	Centre of Gravity
B. Sc. III	501	Prerequisite, functions	Sequences of real numbers	Series of real numbers	Jacobians
	502	Group Theory	Group Theory	Group Theory	Group Theory
	504	Preliminaries	Linear equations of first order	Linear equations of first order	Linear equations with variable coeff.


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Annual Teaching Plan- 2023 - 24


Subject :- Mathematics


Semester II,IV,VI

1) Dr. Bodkhe D. S.(Head) : Paper no. : 202,401,402,602

2) Dr. Smt. G. S. Jagtap : Paper no. : 201,403,601,604

Class	Paper	Dec. 2022	Jan.2023	Feb. 2023	Mar. 2023	2023
B.Sc. I	201	Divisibility	Divisibility Congruence's	Congruence's	Some functions of Number Theory	Some Diophantine Equations
	202	Integration of Rational and Irrational Algebraic Fractions	Reduction Formulae	Definite integral and Rectification	Volume and Surfaces of Solids of Revolution	Integral Transformatio ns
B. Sc. II	401	Difference operators, Interpolation with equal interval	Interpolation with unequal interval	Central difference interpolation formulae	Inverse interpolation	Numerical differentiation
	402	Linear Partial diff. equations of first order	Nonlinear Partial diff. equations of first order	Partial diff. equations of second order	Linear Partial diff. equations of higher order	Nonlinear Partial diff. equations of second order
	403	Kinematics & Dynamics of particle in two dimensions	Kinematics & Dynamics of particle in two dimensions	Kinetics of particle	Motion of projectile & motion in resisting medium	Central orbits
B. Sc. III	601	Limits in metric Spaces	Continuous functions on metric spaces	Connectedness Compactness Completeness	Calculus Fourier Series	Fourier Series
	602	Ring Theory	Ring Theory	Ring Theory	Ring Theory	Ring Theory
	604	Linear equations with variable coeff.	Linear equations with constant coeff.	Linear equations with variable coeff.	Linear equations with regular singular points	Linear equations with regular singular points


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Dept. of Commerce

Annual Teaching Plan 2023-24

Dr. Aute P.N.

Class/ Sub	June	July	August	September	October	November	December	January	February	March
B.Com I Entrepreneurship Development	Concept of Entrepreneurship	Meaning, Nature & Importance	Role of Entrepr. in Eco. Development Theories & models of Entr. Development	Origin & Development of Entre. in India. Entrepreneur-Definition. Characteristic functionentre.	Entre.Devlp. Programme-meaning. Need, Objective EDD, MCED. Quick start methods-Turn-key business multy level marketing.	Set up a venture Preparation of project report.	Procedure of Registration with DIC or Local bodies, Procedure of formation of a private Ltd com Innovation of in Entre.	Role of Financial institution in promoting Entre. MSfC DIC. Nationalized Banks Co-operative Banks.	Entre. In LPG Era Concepts of Liberalization & Globalization. Profiles of successful entrepreneurs-Barwale.	B B Thombare Sunil Rathatt a. Ram Bhogale, K. K. Dhoot.
B.Com II Cost A/c	Cost A/c meaning & defi. Limitation of financial A/c.	Development of cost A/c function objects Limitations Material control purchase procedure classification coding of material	Store & handling of material handling costs Bincards Issue procedure methods of Pricing material	Simple Average, weiguted average Labour-meaning & Defi., Labour control methods of wage payment time & price rate incentive	Overheads-allocation methods of distribution primary secondary distribution	Elements of cost preparation of cost sheet single or output costing	Tender and quotations contract costing.	Contract Costing operating costing	Process costing	Reconciliation of cost & financial A/c.
B.Com II Banking & Insurance	Indian Banking systems Difi. Of Banks Type of Banks- commercial Banks Development Banks urban. Co-opl. Banks.	Foreign Banks functions progress and performance II- co-operative banks in India structure of co-operative banks state co-operative Banks functions & progress	Role of NABARD Reserve bank of India-objectives organization function monetary policy credit control measure.	Financial Institutions- SIDBI LIC UTI Bank functions progress & peroformance Modern trends in Banking, E-Banking core Banking	Phone Banking Net Banking objective & Benefits Debt. & credit card.	Introduction of Insurance meaning & function of Insurance	Signification of Insurance Socio-Economic Development LIC, Act 1956. IRDA-2000.	Fundamentals of Agency Law Difi. Of an Agent regulations Agents Compensation	Functions of the Agent-proposal form and other forms for grant of cover life Insurance.	General Insurance Principles & Scope of general Insurance type of General Insurance.
B.Com III Auditing Concept	Auditing Concepts meaning Defi.	Types of Auditing II Audit Access - Audit Programme Audit note books.	III Internal check System	IV Vouching mean Defi. Obj. of Vouching Duties of auditor	V Verification of assets and Liabilities	I Audit of Lit. Companies Company Auditor	II Cost & mgt. Audit. Meaning Defi. Qualification of auditor	III Tax audit Scope of auditor role under Income tax	Auditing in an Environment Problems in an EDP environment	Computer audit Programme.
B.Com III Rural Development & Agriculture	Introduction. Meaning Defi. , Scope Significance of Rural Development Causes of Rural Backwardness	Rural Poverty and Rural Unemployment: Meaning & Definition of of poverty, Causes of Rural Poverty Types of Unemployment in rural India.	Rural Development in India: MGNREGS, PMGSY, Gramin Aawas Yojana Training of rural Youth for self Emploment	Agribusiness: Meaning of Agribusiness, Importance of Agribusiness, Importance of Agribusiness Scope of Agribusiness in India	Agricultural Marketing: Meaning of Agricultural Marketing, Scope of Agricultural Marketing, Importance of Agricultural Marketing.	Concept of Salesmanship: Essential skill & types of Salesmanship, Advertising & Publicity concept, Need and Importance Skills required being a Good Salesman.	Process of Selling & Sales Promotion: Steps in Process of Selling, model of Selling, concept of sales promotion Emerging techniques in Consumers Sales Promotion.	Advertising and Media of Advertising: Concept, Meaning, Need, Objectives of advertising , merits & Limitation of advertising.	Advertising Media: Types of Media , Newspaper, Magazines. Electronic Media Radio, Television, audio, visuals, Press Conference Web advertising.	Advertising Agencies. selection of advertising agency, agency Commission and Types and fee

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Annual Planning-2023-24

Dr. D.B.Borade

Class/ Sub	June	July	August	September	October	November	December	January	February	March
B.Com I Business & Industrial Economics	Introduction to Busi Eco., Meaning .Definition, Nature, & scope of Busi. Economics.	Theory of consumer behaviour	Elasticity of demand-	Market structures.	Factor Pricing	Foundation of Indian Business	Business Enterprises	Management & organization , Leadership, Motivation & control.	Leadership, Motivation & control. , Functional areas of management	Functional areas of management
B.Com II Corporate Accounting.	Issue & Forfeiture of shares	Issue & Forfeiture of shares, Re- issue of shares.	Issue & Redemption of Debentures.	Redemption of Pref. Shares, Final Accounts to joint stock company.	Final Accounts to joint stock company, Profit prior to incorporation.	Amalgamation & Absorption	Absorption & Reconstruction of company	Accounts of Holding company (one subsidiary)	Holding company & Liquidation.	Liquidation of company
B.Com II Goods & Service Tax	Introduction, Overview & evaluation of GST	Registration Under GST, Supply under GST	Supply under GST & Valuation of supply, Input tax credit	Input tax credit & Tax Payment under GST, Documents, Accounts & records.	Documents, Accounts & records , Returns under GST, Others.	Documents, Accounts & Records	Documents, Accounts & Records ,Returns under GST,	Composition scheme under GST	Reverse charge mechanism under GST	..Others
B.Com III Management Accounting	.Management Accounting meaning, definition, scope & tool & techniques, difference between management & financial a/c, Advantages & limitation of Mgt,A/c.	Analysis & interpretation of Financial statement. Ratio Analysis.	Ratio Analysis , Fund flow Statement	Fund flow statement & cash flow statement	Cash flow statement	Working capital Management- Meaning, sources of working capital, objectives etc.	Budget & Budgetary control meaning, definition & classification of budget, objective, advantages & limitation of budgetary control.	Types of Budgets- Cash budgets, Production budgets, Sales budgets, Master budgets..	Capital budgeting - Meaning & types of capital budgeting, Pay back period method, Discounted cash flow method , Net present value method.	Responsibility Accounting - Definition, meaning, Basic principals Basic process in implementation, Responsibility reporting center control.
B.Com III Computerize d Accounting	.Introduction to Computerized Accounting	Fundamentals of computerized Accounting - (Tally.ERP9.0) Maintaining Accounting Masters, Inventory vouchers.	Accounting Vouchers, Inventory vouchers	Reports: Accounting Reports, Inventory Reports	GST Functionality - Setting up GST, Creating GST Masters, Recording GST Transaction, Practicals.	Advanced computerized accounting features - Maintaining bill- wise details, Cost centers & cost categories, Banking.	Advanced Inventory features in computerized Accounting : Stock Transfers, Bill of Materials, Batch - wise details	Advanced GST Transactions- (Tally ERP9) Recording Purchases, Recording sales, Recording sales of service, E- way bill, GST Returns	Tax Deducted at source. Technological features in Accounting software.	Practical

(Dr. D.B. Borade)



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ANNUAL TEACHING PLAN-2023-24

DEPARTMENT OF GEOGRAPHY

DR. MADHAV GANPATI RAJPANGE

Semester V	Paper	July	Aug	Sep	Oct	Nov	Dec Semester VI	Jan	Feb.	Mar.
B A T Y	Geography of Environment	SEM- V Introduction about Syllabus Chapter - I Definitions nature & scope of environment	Chapter - I Definition, nature & scope of environment Types of environment Chapter II Ecology, A biotic or physical factors	Ecology, A biotic or physical factors ,Temp. Soil, Water, Atmosphere, Biotic or Non physical factors -organism, population & Biotic community Chapter - III Ecosystem; coordinat principles of Ecosystem .Structure of Ecosystem(Producer, Consumer, Decomposer)	Chapter - III Nutrient cycling (carbon cycle, oxygen cycle, nitrogen cycle) Function of Ecosystem Energy flow, Food chain Food web, Ecological pyramid. Types of Ecosystem	Food chain Food web, Ecological pyramid. Types of Ecosystem Chapter - IV Problems of ecosystem & environment, global warming, food security Deforestation, Plastic bags Acid rainfall	Geography of Natural Calamity (Subsidiary) Paper no.XIV Geography of Climatics Introduction about Syllabus & Chapter. NO- L	Definition, nature & scope of natural climaties Chapter II .Earthquake & Volcano. causes& effect. World distribution of earthquake & volcano	Chapter III Drought & Floods 1.Metrological drought 2.Hydrological drought 3.Agricultural drought .Causes & effect ,Drought-prone-areas, flood causes,& effects Biological Hazards Chapter IV Global Warming &Green House effects	Chapter IV Global Warming &Green House effects Ozone deflation, Population Types (Air, Water, &soil) Chapter IV Ozone deflation, Population Types (Air, Water ,&soil)
	Industrial Geography of	SEM - V Introduction about	Chapter-I Meaning, Nature,&	Chapter - II Classification of Resources	Chapter - III Distribution & utilization of water	Chapter IV- Conservation of major resources	SEM, - VI (Main) Bio Geography	Chapter. I Nature , scope & significance of	Chapter II Environment, Habitat, & Plant animal association ,Biome	Chapter III Examples from flood plains & Glacial fore

Maharashtra XIII (Main)	Syllabus <i>Chapter-I</i> Meaning, Nature, & Scope of Resource Geography,	Scope of Resource Geography, significance of natural Resources	Renewable & Non-renewable Resources: Biotic: forest, wildlife, livestock, fisheries, agricultural crops. Abiotic: Land, water, & minerals	Mineral & energy resources Conservation of major resources	Soil, Water, Forest, & minerals	(Main) Paper no. XVII Biogeography Introduction about Syllabus	Biogeography <i>Chapter II</i> Environment, Habitat, & Plant animal association	types. Darwin's Theory of Evolution <i>Chapter III</i> Elements of plant Geography, Distribution of forest, successions in newly formed landforms. Examples from flood plains & Glacial fore field	fields <i>Chapter IV</i> Zoogeography & Its Environmental Relationship. <i>Chapter IV</i> Ecosystem forms & Function National forest policy of India
Practical Subsidiary V & VI Semester XVII (subsidiary)	Introduction about syllabus	<i>Unit 1. Measures of Central Tendency</i> <i>Mean median</i>	Median & mode	<i>Unit 2.</i> Mean Deviation Quartile Deviation	Standard Deviation	Practical Subsidiary V & VI Semester XVII	<i>Unit -03</i> Correlation Spearman's Method	Karl Pearson's Method <i>Unit 4.</i> Regression equation by least square method Regression Line X on Y & Y on X Chi-square test	<i>Unit 5.</i> Participation in Geographical tour/excursion Report Writing Practical checking & submission
Practical XVIII	Introduction about syllabus	<i>Unit -1. A.</i> Introduction of Instrumental survey. Chain & tape survey	Plane table survey & prismatic compass survey B. Open & close traverse methods	<i>Unit -2. A.)</i> Representation of bearing Whole circle Reduced bearing FB, BB, of WCB FB, BB of RB CONVERSION OF BEARING	CONVERSION OF BEARING WCB in to RB	Practical	CONVERSION OF BEARING WCB in to RB	Correction of bearing Closing error by Bowditch method Height determination by Abney level	Participation in Geographical tour/excursion Practical checking & submission
Project work practical XIX	Introduction about syllabus	Distribution of project title to the students Frame work analysis & methods of research	Frame work analysis & methods of research Data collection	Data collection	Data collection	Project work practical	Project writing	Project writing Proof checking & binding	Proof checking & binding Project checking & submission

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ANNUAL TEACHING PLAN- 2023 – 2024


Subject: - Geography

Teacher Name - Dr.Narsale D .V.

Semester I,III ,V	Paper	jun	July	Agst	Sep	Oct	Nov	Dec.Semester II,IV ,VI	Jan	Fab	Mar
B. A. I Semester I & II	Human Geogra phy II Geograp hyof Maharas htra IV	<u>Adm issio n proc ess</u>	<u>Adm issio n proc ess</u>	*Introductio n of Human Geography *definition ,Nature & scope of Human Geography man & Environmen t Nature and scope of cartography .linear scale .types of linear scale. I) simple	*man & Environment Relationship *Types of Environment . Concept of Determinism and Possibilism ,stop and Go deterministic Approach . Physical & Social profile of Racial Groups , I) linear scale II)comparative scale II) Diagonal scale . Methods of showing Relief	Physical & Social profile of Racial Groups , Ethnic Groupa , Tribal groups in world and india. Eskimos , Bushmen . Repretation of slopes by contours even and uneven Gentle and steep	Ethnic Groupa , Tribal groups in world and india . Masai ,Gonds , Gujar Gentle and steep concave and rs .convex & Terraced slopes cross profiles	Human settlement : Types forms patterns and functional classification *Geography of Iroductionl. Definition & classification of maps	Position & personality : Location ,size & shape , Relief and physical division of Maharashtra . * climate , *Drainage. Enlargement & Reduction of maps by square .	Maharashtra soil and natural vegetation of Maharashtra . Agriculture : cropping patter Major crops – jowar , wheat , Rice , sugarcane , oilseeds . Convenrional signs & symbols of SOI Maps . 1) Relief 2) Human settlement 3)Drainage 4) Transportation.	Agriculture : cropping patter Major crops – Pulses - Geogroduction Iroduction & Distribution. Industries : cotto and Textile Industries ,sugar Industries Transpiration : Raod and Railwa transportat . signs & symbo of SOI Maps . Relief 2) Human settlement 3)Drainage 4) Transportation. Raod & Railway

aper	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	De Semester II, IV, VI c.	Janewari	Feb.	Mar.
Introduction of GIS 03A Population Geography 3B	<u>Admission process</u> S	<u>Introduction</u> Of Geographical Information system (GIS)	GIS data structures *Types of data .spatial and Non . Introduction of Raster Data & Vector Data	GIS Data Analysis : Geographical - Referencing ; Toposheets Images Digitization .	Process of Map Making Tools . Applicatio n of GIS	Land use Mapping Urban Sprawl Analysis Forests Monitorin g Natural disasters .	Population Geography : Definition Nature Scope & Significance Sources of population Data	Distribution of population : factors affecting on population distribution and density , population distribution patter ns world & India .	Mortality & Fertility population regions of the world Composition population Age and sex composition Rural & Urban composition world regional patterns.	composition world regional patterns. In India *Migration meaning classification & their determinates & consequence s of migration in India .
practical X	<u>Admission process</u> S ---	Mechanism and uses of weather Instruments ---	Conventiona l signs and symbols used in IDWR ,Interpretati on of Idwr of winter season ,summer season ,Rainy season	Cartographic Teechniques ,definition nature & scope . importance of cartography	Attach the copy of studied Idwr	Unit III Cartographyi c Techniques , Definition Nature & scope , Importance of cartography	Representation of climatic statistical data byusing following cartographic Techniques : climograph, wind Rose ,Hythergraph	Star Diagram , Ergograph , Isobars , Isotherms , Isohyets , Representati on of statistical data by using following methods	Latitude ,Longitude ,Direction Area and Great Circle map projection ,uses & choice of the map projection *zenithal polar Gnomonic projection * Zenithal Equal Area projection	*Simple conical projection * Cylindrical projection .

B.A.I	Practical ge	Unit-I	Unit-II								
Physical Geography India XI Agricultural Geography of India XIV		<u>Admission process</u>	<u>Admission process</u>	India in the context of south east and south Asia .India : A land of diversities , Unity within diversities , shape ,size physical landscape of India .	Drainage systems of India their functional significance Climate : Regional and seasonal variations of climate . the Monsoons .	Soil types of India their distribution and characteristic s .	Natural vegetation : forest types & their distribution. in India	Agricultural Geography of India Nature & scope ,Significance & development of Agricultural Geography origin & dispersal of Agricultural policy India .	Agriculture in India. Agricultural Land use , Cropping pattern Regional pattern of productivity in india .	Agricultural policy in India . Distribution and production of major crops in India .1) RICE 2) WHEAT 3) JOWAR	Agricultural policy in India . Distribution and production of major crops in India 4) COTTON 5) SUGARCANE 6) TEA * Green Revolution in India . * Green Revolution in India .


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Annual Teaching Planning 2023-2024
(B.A. I/II, year) Subject – GEOGRAPHY

Dr. Mangal Shantinath Tekade

Class	Paper name & No.	July	Aug	Sept	Oct	Nov	Dec Semester II	Jan	Feb.	Mar.	Apr
B.A	Elements of Physical Geog-101 of Landform 103	SEM - I Introduct on about Syllabus	Chapter - I Introduction of Physical Geog. Meaning. Nature's Scope, Element, Branches of Physic-Gorg	Chapter - II Lithosphere Interior of Earth, Wegmiers Conti- Drift Theory, Isostatic, Plate Tectonic Theories	Chapter - III Earth Movements Vertical & Horizontal, Process of Folding causes & effect, Process of Faulting causes & effect & Volcanoes & Earthquakes,	Chapter - IV Rocks Classification of rocks on the basis of origin, properties of different rocks.	SEM - II Chapter - I Introduction about Syllabus & Concept of landforms, Evolution & types of landforms, Concepts of cycle of Erosion	Chapter - II Weathering : Types & Classification of weathering :- Mechanical, Chemical & biological soil formation Chapter - IV Land forms produced by Glacier & Underground water, Applied Geom& Settlement, Geom& Resources	Chapter - III Geomorphic Agents Erosion, Transportation, Deposition, Land forms produced by River, Winds & sea water Chapter - IV Geom& Settlement, Geom&landuse, Geom& Resources		
	AUG 2022	May	Jun	July	Aug	Sept.	Aug.	Nov.	Dec.	Jan	2023
B.A. II	Climatology	SEM - III	Chapter - 1	Chapter - II	Chapter - III	Chapter - IV	SEM - IV	Chapter - II	Chapter - III	Chapter - IV	
	- 106 Oceanography - 108	Introducti on about syllabus	Weather & climate- Definition, nature & Scope of climato. Signf. Of climate, Com. & structure of atmosphere, weather & climate	II Isolation & Temp. Defina of Temp. Defina of	Atmospheric pressure & winds evaporation & condensation, Hydro- cycle, Type of precipitation, world pattern of rainfall regional & seasonal dist, Air masses & fronts- concept, classi, & properties atmos. & temp, cyclones, Thunderstroms& tornadoes	IV Role of climate in human life - atmosp- pollution & global warming, consequence s& measures of control	Introduction about Syllabus & Chapters - I Introdu of oceanography Diftina Nature & Scope Surface configuration of ocean floors.	Chapter - II Submarine Relief - Gen-idea of submarine relief-cont-shelf, oceanic trenches & deeps, hypsographic curve, relief of atlantic, pacific, & Indian oceans Chapter - IV Marine deposits & coralreefs : ocean deposits- shallow sea deposits, deep sea deposits, Types of corals, Ocean as a storehouse of resources for the future.	Chapter - III Salinity& Temp of oceanic water, Meaning couases, of salinity factors affecting on salinity of ocean water distribution of salin. In the world. Factors affecting the temp. Of ocean water. Chapter - IV Ocean as a storehouse of resources for the future.	Chapter - IV Marine deposits & coralreefs : ocean deposits- shallow sea deposits, deep sea deposits, Types of corals, Ocean as a storehouse of resources for the future. - IV Ocean as a storehouse of resources for the future.	
B.A.I	Practical geography	Unit - I	Unit-I	Unit- II	Unit - II	Unit - III	Unit - III	Unit - IV	Unit - IV	Unit - V Unit - V	

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Class	B.A I	B.A II	B.A III		
Month	सूक्ष्म अर्थशास्त्र (१०१) Sem I CBCS	सार्वजनिक वित्त (5)	कृषि अर्थशास्त्र (१०)	आर्थिक विचारांचा इतिहास (११)	प्रकल्प कार्य (१२)
June	प्रस्तावना : अर्थशास्त्राची व्याख्या, व्याप्ती, कल्याणकारी अर्थशास्त्र व्याख्या, स्वरूप, पिगू parato मार्शल यांच्या व्याख्या	प्रस्तावना : सार्वजनिक आयव्यय अर्थ, महत्व, स्वरूप खाजगी व सार्वजनिक आयव्यय	शेतीचा विकास, आर्थिक विकासात शेतीची भूमिका, कृषि व अकृषी शेती, पीक पद्धती, शेतीची कार्यक्षमता, उपाय, संकल्पना, सहकार शेती	प्रारंभीक कालखंड : व्यापार वादाच्या सुरुवातीचा काळ, वैशिष्ट्ये	प्रकल्प कार्य व विषय निवड
July	मागणी पुरवठा नियम : नवीन कल्याणकारी अर्थशास्त्र, मागणी, पुरवठा, नियम लवचिकता मोजण्याच्या पद्धती, महत्व	मौद्रिक धोरण उद्दिष्ट्य अर्थ	शेतीमधील तंत्रज्ञान : शेतीमधील नवीन तंत्रज्ञान, धान्य उत्पादन, जैविक खतांचा वापर, निरंतर शेती, यांत्रिकीकरण, हरित क्रांतीचे देशाच्या अर्थव्यवस्थेवरील व शेतीवरील चांगले वाईट परिणाम	सनातनवादी कालखंड : सनातन काळ, अँडम स्मिथ, कामगार वर्ग, किंमत सिद्धांत, वितरण, आर्थिक विकास	विषय प्रस्तावना
Aug	उपभोक्त्याच्या वर्तवणुकीचा सिद्धांत : उपयोगिता अर्थ, प्रकार, सीमांत उपयोगिता, समावर्ति वक्र विश्लेषण, उपभोक्त्याचे संतोषाधिक्य	सार्वजनिक उत्पन्न : कर, अर्थ, व्याख्या, वर्गीकरण, करघात परिणाम	राज्य आणि कृषि क्षेत्र : सेंद्रिय शेती उच्च उत्पादन देणाऱ्या विविध जाती, जल सिंचन महत्व स्रोत, शाश्वत शेती कोरडवाहू शेती, भारतातील व महाराष्ट्रातील शेती	सनातनवादी कालखंड : रिकारडो खंड, वितरण, आर्थिक विकास संकल्पना. आंतरराष्ट्रीय व्यापार, मालथस, कार्ल मार्क्स, जेबीसे यांचे सिद्धांत	निवडलेल्या विषयाचे महत्व

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Sept	उपभोगत्याच्या वर्तवणुकीचा सिद्धांत : समवृत्ती वक्राचे गुणधर्म, किंमत व पर्यायता परिणाम	सार्वजनिक उत्पन्न : कराव्यतिरिक्त प्राप्त कर देयतेचे फायदे सार्वजनिक खर्च	राज्य आणि कृषि क्षेत्र : राज्य आणि कृषि शेतमालाचे किंमतविषयक धोरण, शेतीच्या उत्पादके स्वरूप, मागणी व पुरवठा किंमत अनिश्चितता, राष्ट्रीय अन्नसुरक्षा, पिकविमा	नवसनातनवादी कालखंड : मार्शलचा सिद्धांत, अर्थशास्त्राची पद्धत, गळतीची संकल्पना, प्राथमिक व पूरक किंमत, बहीस्थ व अंतर्गत अर्थशास्त्र	निवडलेल्या विषयाचे उद्दिष्ट्य
Oct	बाजार समतोलालाचे विश्लेषण : बाजार संतुलन, संतुलनाचे प्रकार	सार्वजनिक खर्च : अर्थ वर्गीकरण, तत्वे, खर्चाचे परिणाम	भारतीय शेतीची पन्नास वर्षे : भारतीय शेतीचे ५० वर्षे, भारतीय अर्थव्यवस्थेत शेतीविकासाचे स्थान, रोजगार व बेरोजगारी विषयक भूमिका, जागतिकीकरणाचे भारतीय शेतीवरील परिणाम	केन्स प्रणीत विचार : नफ्याचे स्वरूप, केन्सचा रोजगार विषयक सिद्धांत, भांडवल व गुंतवणूक विषयक कमतरता, कामगार विषयक धोरण, योग्य गुंतवणूक, सार्वजनिक काम व पूरक तत्त्वे	गृहितके
	सूक्ष्मअर्थशास्त्र II (१०३)	माहिती संकलन आणि विश्लेषण (८)	संशोधन पद्धती (१३)	भारतीय आर्थिक विचारवंत (१४)	प्रकल्प कार्य (१६)
Nov	उत्पादनाचा अर्थ, संकल्पना परिवर्तनीय नियम, परिणाम अंतर्गत आणि बाह्य अर्थव्यवस्था	सामाजिक विज्ञान संशोधन अर्थ, व्याप्ती आणि उद्दिष्ट्ये, वैज्ञानिक संशोधन टप्पे, सामाजिक संशोधनाचे घटक	प्रस्तावना : अर्थ, स्वरूप, व्याप्ती, उद्दिष्ट्ये, सामाजिक शास्त्र, संशोधनातील लेखी संकल्पना गृहितके, टप्पे, प्रोत्साहन देणारे घटक	कौटिल्याचे आर्थिक विचार : कौटिल्य आर्थिक रोजगार विषयक विचार, संकल्पना, कराचे तत्व	संशोधन पद्धती
Dec	खर्चाची संकल्पना स्थिर आणि परिवर्तनीय खर्च, सरासरी आणि सीमान्त खर्च, किरकोळ खर्च, सरासरी आणि एकूण खर्चातील	प्राथमिक माहिती अर्थ, माहिती गोळा करण्याच्या पद्धती, दुय्यम माहिती, दुय्यम डेटा चे स्रोत	संशोधन आराखडा : संशोधन आराखड्याची गरज, आराखड्याचे प्रकार वर्णनात्मक, विस्तारीत, प्रायोगिक	दादाभाई नौरोजी, रानडे व दत्त यांचे आर्थिक विचार : दादाभाई नौरोजी, रानडे व दत्त यांचे आर्थिक विचार, आर्थिक धोरणामधील	विश्लेषण व चर्चा

Annual Teaching Plan 2023-24

	संबंध . महसूल आणि महसूल वकरच्या संकल्पना . एकूण सरासरी आणि सीमान्त महसूल			सहभाग ,रानडे यांचे आर्थिक व राजकीय धोरण ,दत्त यांची आर्थिक संकल्पना, माणवेंद्र रॉय यांची आर्थिक कल्पना आणि नवीन मानवी संकल्पना	
Jan	बाजाराचे विविध प्रकार : बाजाराचे प्रकार ,मक्तेदारी ,पूर्ण स्पर्धा वैशिष्ट्ये . उद्योगाचे समतोल अल्प आणि दीर्घकालीन ,मक्तेदारी पूर्ण स्पर्धा ,किंमत भेदभाव प्रकार अटी	दुय्यम माहिती , दुय्यम डेटा चे स्त्रोत	माहिती संकलन : माहिती गोळा करण्याच्या पद्धती ,घटक ,वैशिष्ट्ये, प्राथमिक ,दुय्यम माहिती ,निरीक्षण आणि प्रश्नावली	महात्मा गांधीजींचे आर्थिक विचार : म .गांधी यांची आर्थिक, सर्वादायी ग्राम स्वराज्य, स्वदेशी, विषय विचार, आंबेडकर यांचा रुपयाचा प्रश्न	निष्कर्ष
Feb	ऑलीगोपाली आणि ड्युओपोली संकल्पना ,वैशिष्ट्ये . वेतनचा अर्थ वेतनचा आधुनिक सिद्धांत , वेतन भिन्नता आणि समूहिक सौदेबाजी	केंद्रीय प्रवृत्तीचे उपाय , मध्यक ,मोड ,चतुर्थांश ई . मालिका	माहिती विश्लेषण आणि सादरीकरण : वेळापत्रक मुलाखती ,कागदपत्रे, सार्वजनिक कागदपत्रे , मर्यादा	महात्मा फुले यांचे आर्थिक विचार : महात्मा फुले यांचे आर्थिक विचार,शेतीविषयक विचार, शेतकऱ्यांच्या संपत्तीची कारणे, गाडगीळ यांचे आर्थिक धोरण व सहकार	प्रकल्प कार्य संदर्भ ग्रंथ ची
March	व्याज अर्थ लोनेबल फंड ,सिद्धांत आणि व्याजचा तरलता प्राधान्य सिद्धांत नफ्याचा अनिश्चितता सिद्धांत ,अभिनव सिद्धांत .	डेटा विश्लेषण Sampling method	माहिती विश्लेषण आणि सादरीकरण : माहिती विश्लेषण आणि सादरीकरण, आलेख ,वेळ ,दर्शविणारा तक्ता, वारंवारीता	वाय . बी चव्हाण यांचे आर्थिक विचार, औद्योगिक, सामाजिक विचार, अमर्त्य सेन यांचे अर्थशास्त्र व सामाजिक निवड	प्रकल्प कार्य संदर्भ ग्रंथ ची

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College, Kada, Tal. Ashti, Dist. Beed



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Anand Rao Dhone Alias Babaji College, Kada
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Annual Teaching Plan 2023-24
Department of Public Administration

Class	B.A. I (I Sem)		B.A. III (V Sem)	
Month	Paper I	Paper II	Paper IX	Paper X
July	Admission Process	Admission Process	Admission Process	Admission Process
August	Public Administration Meaning, Nature, Importance, Organization	Evolution of Indian Administration, Constitution of frame work.	Human Resource Development. Role of Institutions in Human Resource Development.	Education, Meaning, objectives & Important historical background of education
September	Principal of Organization. Hierarchy spen of control.	Union Government, Union Legislature.	Means of Human Resource Development.	Institutions in Higher Education. Quality control Institution in higher education.
October	Concept of Public Administration	Union Judiciary, Statutory & non Statutory bodies.	Human Resource Management.	Challenges before higher education in India
November	Public Relation	Act of 2005	Human Resource Planning	Globalization & Higher Education. Impact & consequences
	B.A. I (II Sem)		B.A. III (VI Sem)	
Month	Paper III	Paper IV	Paper XIII	Paper XIV
December	Maharashtra State	District Administration	Public Policy, Meaning, Objecties. Types & process	Indian Health Care System.
January	State Executive	District Collector	Public Policy, formulation	Health & Financialy welfare ministry
February	State Legislature	Law & Order	Public Policy In India	National Rural Health Mission
March	State Judiciary	Key Posts in District Administration	Delopment Meaning & Concept.	Determinants of Health
April	Constitutional & Statutory bodies .	District Police Administration	Challenges before development	Challenges before Indian Health care system

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ANNUAL TEACHING PLAN- 2023-24

Subject: - English

Semest er- I	Paper	Jun.	Jul.	Aug.	Sept.	Oct.	Semester II	Nov.	Dec.	Jan.	Feb.	Mar.
B. A./ B. Sc	Comp. Pr. I. A Course in Communicati ve English	Admission Process & Introduction about Syllabus	The Essence of Democracy- Dr. B.R. Ambedkar, A Prayer for my daughter- W.B Yeats, Ophucus and Eurycle- William B. Forbush .	A Psalm of Life- H.W Longfellow, A tribute to the Buddha- M.S. Gokhwal, The toys – Coventry Patmore	Spoken English & Broken English The Marriage of true minds- William Shakespeare Grammar: The Clause Elements, S.V.O.C.A, Articles & Prepositions	Night of the Scorpion- Nisim Ezekiel, Sir Isaac Newton- Nathaniel Hawthorne, The Tenses, Marathi Alt. to English Words. Int eval.	B. A. / B. Sci.I Comp. Pr. II A Course in Communica tive English	India's message to the world- Vivekanand, Are the rich Happy- Leacock, Shopping by woods- Robert Frost, Poem of Serpants- Yashwant	I have a dream- MLK, Strange Meeting- Owen, Sentence Types, Blog Writing, Gong Public- W. Issacson	The ballad of Landlord- L. Hughes, Gold from the grave- A.B. Saib, Artifaction and word formation, Puruses & Idioms, Descriptive paragraph	The tiger and the deer- Aurobindo, Antonyms & Synonyms, Narrative Paragraph, Translation skills	Preparing an Adv. Internal evaluation and revision, Exercises
		Writing skills- Self introduction E mail	Job Application	Job Application	News and Report	Internal Evaluation		Dialogue writing				
B.A.I Optional English	Opt. Pr.I Forms of Literature	Admission Process & Introduction to syllabus	Types of poetry- The lyric, the ode, Ode on a Grecian Urn- Keats	Elegy written in a country Churchyard- Gray, The sonnet	On His Blindness- J. Milton, The Elegy, the Splendour Falls- Tennyson Fiction-Merchant of Venice	Types of Drama- Tragedy, Comedy, Tragy- Comedy, 'Tram to Pakistan ' Internal Evaluation	Opt. Pr. III Forms of Literature	Prose types- The essay, Autobiography, Biography	Essays of Francis Bacon- Of Truth, Of Death, Of Revenge, of Parents & Children, of Nobility	Autobiography- The race of my life- Milkha Singh Drama- Justice- John Galsworthy	Fiction – The Alchemist- Paulo Cobelo	Word Formation Revision, Internal Evaluation
	Opt. Pr.II Forms of Literature	Admission Process &Introducti on about Syllabus	Types of Drama-One act play, Dramatic Monologue, Farce and Melodrama, How He lied to Her husband	Poetry- Christabel- S.T. Coleridge, My Last Duchess, A morning prayer, Three Sisters	Poetry- Christabel- S.T. Coleridge, My Last Duchess, A morning prayer, Three Sisters, The Rule of the road,	Short Fiction Thepostmaster- R. Tagore, When I Hid my Caste- B. Bagul, The adventure of dying detective, Revision	Opt. Pr. IV Forms of Literature	Poetry Types – The Epic, The Satire, The Idyll Samson agonists- Milton Essays by Francis Bacon- Of Envy, Of Love, Of Adversity,	Of marriage and single life, Of Goodness and good nature, Of Boldness, of superstition, Of suspicion, Of Ambition, Of beauty	Drama- Dr. Faustus- Christopher Marlowe	Fiction – The English Patient – Michael Ondaatje	Revision Internal Evaluation

B.A II/B.Sc II	Comp. A Course in Communicat ive English, Pr.III	Introductio n about Syllabus	Memorial address to Education Commission- M.J. Phoolle, O Captain My Captain- whitman	The dolls house- Catherine Mansfield, The Leech Gatherer- Wordsworth, Common errors	Hope is the Thing with feathers- Dickson, How to tell a Story- Twain, Speech- Preparation & Presentation	How much land does a man need? The Conversation on Maghashtar Night Money Madness Interview Preparation- Internal Eval.	Comp. A Course in Communic ative English, Pr.III	Of Society & Civilization- Thomas Paine, To My daughter- Anna, Use of Words in sentences-Noun.	My Greatest Olympic Prize- Owens, Amalkanti - Chakrabarti, Types of Sentences,	The pleasures of Ignorance- Lund, Woman- Hira Bansode, Soft Skills- An Introduction	Lottery Ticket- Chekhov, The Dream Bird- Tripura, Indian English Brief Intro.	Indian English – Brief Introduction Revision and Internal Evaluation
	Opt. Pr. V Literature in English 1550-1750	Introductio n about Syllabus	The Essay: Definition, Origin and Kinds, The Epic: Definitio n, Convection and Kinds	Bacon's Essays: Of Friendship, Of Love, Of Studies	Of Revenge, Of Parents and Children	Poem: Rape of the Lock	Opt. Pr. VII Literature in English 1550-1750	Shakespearean Tragedy: Characterization and Plot	Restoration Literature: Features	Drama: Julius Caesar, Characters, Theme, Critical Notes	Novel: Robinson Crusoe, Theme, Characters, Critical Notes	Revision, Solving specimen question paper
B.A II	Opt. Pr. VI, Literature in English, 1750-1900	Introductio n about Syllabus	The Ballad: Origin, Features, Kinds	Romantic Literature: Features	Poem: Rime of the Ancient Mariner Theme Structure Critical Notes	Novel: Far from the Madding Crowd, Theme, Characters, Critical Notes	Opt. Pr. VIII, Literature in English 1750-1900	Dramatic Monologue: Characteristics, Nature	Victorian Literature: Features	Poem: Last Ride Together, Theme, Critical Notes	Play: Importance of Being Ernest, Theme, Character s, Critical Notes	Revision, Solving specimen question paper,
	Opt. Pr. IX, Twentieth Century English Literature	Introductio n about Syllabus	T. S. Eliot's Poem: The Love Song of J. Alfred Frufrank, Theme, Structure, Critical Notes	Poem: Prelude, Theme, Critical Notes	Drama: Pygmalion, by G.B. Shaw Theme Characters Critical Notes	Fiction, Sons and Lovers, Theme, Characters, Critical Notes, Test	Opt. Pr. XIII, Twentieth Century English Literature	Yeats's Poems: Biography of poet, Theme, Critical Notes	Edward 1916, Second Coming, Theme, Critical Notes	Among School Children, Theme, Critical Notes	Drama: Look Back in Anger. Theme, Character, Short notes and Critical notes.	Novel: Kingsley Arniss, Summary, Characters Critical Notes
B. A. III	Opt. Pr. X, Introduction to Literary Criticism	Introductio n about Syllabus	Aristotle's observations on tragedy, Parts of Tragedy, Tragic	The Aristotelian Solution: Definition Critical Notes, Hamartia	Philip Sidney Classicism, Value of his Criticism, Notes	Literary Terms, Allegory, Paltos, Burlesque, Caricature, Flat and Round Characters,	Opt. Pr. XIV, Introducti on to Literary Criticism	Wordsworth on Poetic Diction, Concept of Poetry.	F.R. Leavis Conception of Literature, Business criticism.	Literary Terms: Paradox, Personification, Satire, Sentiment, style etc.	Symbol, Theme, Techniques, wit, notes	Revision, Class Test, Solving Last year question paper.

		hero, thought									
Opt. Pr. XI Indian Writing in English,	Introduction about Syllabus	Poetry, Ezkeel's poems, Specialty of Ezkel, Characters of Indian writers.	Night of the Scorpion, theme, structure	Drama, Tendulkar's, Silence the court is in Session! Characters, theme, notes.	Fiction; Rajin Rao's Kantapura, Theme, Characters, Summary, notes.	Opt. Pr. XV Indian Writing in English,	Koliarkar's poems, the boat ride, theme, characters.	Drama: Karnad's play Tuglaq, characters, theme, notes.	Fiction; Anantmurthy's Sans kara. Characters theme: notes	theme: Notes, reading novel	Revision, Last year question paper
Opt. Pr. XII Project Work	Introduction about Syllabus	History of English Literature.	Discussion On Project writing.	Selection of Project Writing.	Topic Finalization	Opt. Pr. XVI. Project Work -	History of English Literature.	Project writing	Project writing	Project writing	Project Collection

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Assistant Professor

Head and Research Guide Dept. of English

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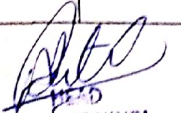
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वार्षिक नियोजन २०२३-२०२४

प्रो.एम.आर.पटेल

अ. नं.	कक्षा	जून	जुलाई	अगस्त	सितंबर	अक्तूबर	नवंबर	दिसंबर	जनवरी	फरवरी	मार्च
आधुनिक कविता प्रथम सत्र ऐच्छिक पेपर क्र. II							मध्ययुगीन कविता द्वितीय सत्र ऐच्छिक पेपर क्र. IV				
१	बी.ए. - I	काव्यकुसुम - पुस्तक परिचय, आधुनिक कविता	भारतेंदु हरिश्चंद्र, निजभाषा उन्नति, विविध कला शिक्षा	राष्ट्रसंत तुकडोजी महाराजकी कविताएँ	भारतमहिमा- जयशंकर प्रसाद, प्याला-बच्चन, प्रेत का बयान	सिंहासन खाली है, विथड़े में हिंदूस्थान, उतनी दूर मत ब्याहना बाबा, राष्ट्रलः खुडकाव्य	पद्य परिमल, संत नामदेव, जायसी, संत कबीर, सूरदास	संत रेदास, संत मोराबाई, रहिम, संत तुकाराम	बिहारी, भूषण, घनानंद	महाकाव्यांश रामचरितमानस - तुलसीदास, सारांश	चरित्र, भक्तिकाव्य और लोकजीवन संदेश, उद्देश्य
सामान्य हिन्दी तृतीय सत्र एस.एल. पेपर क्र. III							सामान्य हिन्दी चतुर्थ सत्र एस.एल. पेपर क्र. IV				
२	बी.ए./बी. एससी. - II	गद्य विभा : स्वरूप एवं परंपरा	गद्य विभा, गद्य की विविध विधाएँ	कहानी स्वरूप, दोपहर का भोजन - अमरकोत, रेखाचित्र रजियाँ - रामवृक्ष बेनी पुरी	संस्मरण : मैथिलीशरण गुप्त - महादेवी वर्मा, निबंध : मनुष्य की सर्वोत्तम कृति : साहित्य - ह.प्र.द्विवेदी	यात्रा साहित्य : शान्तिनिकेतन में - राष्ट्रल सांकृत्यायन	पर्यावरण हमारे जीवन में वनों का महत्व - कन्हैयालाल मुन्शी, प्रयोजनमूलक हिंदी	व्यंग्य - प्राइवेट कॉलेज का घोषणापत्र - हरिश्चंद्र पटसाई, प्रयोजनमूलक हिंदी	ललित निबंध - माँ की लोरी : रस की गागर - डॉ. श्रीराम परिहार	जीवनी अंश : धरती और धनि - पांडेय बचन शर्मा उग्र	एकांकी : सुखी डाली - उपेन्द्रनाथ अशक
नाटक साहित्य : ऐच्छिक हिंदी तृतीय सत्र पेपर क्र. VI							एकांकी साहित्य चतुर्थ सत्र ऐच्छिक पेपर क्र. VIII				
३	बी.ए. - II	नाटक साहित्य : स्वरूप और परंपरा	भीष्म साहनी : लेखक परिचय, नाटक के तत्व	कबीरा खडा बाजार में - संत कबीर का परिचय	ताजमहाल का टैंडर - अजय शुक्ला, नाटक का सारांश	नाटक - उद्देश एवं व्यंग्य	एकांकी साहित्य की परंपरा, एकांकी रंगतरंग,	तौलिए - उपेन्द्रनाथ अशक, उसर - भुवनेश्वर प्रसाद, ईद और होली - सेठ गोविंददास	नौद क्यों रातभर नहीं आती - सुरेंद्र वर्मा, सडक - विष्णु प्रभाकर	मकड़ी का जाला - जगदीशचंद्र माधुर, कुवारी धरती - मोहन राकेश	परिचय - लक्ष्मीनारायण लाल, आप न बदलेंगे - ममता कालिया
प्रादेशिक साहित्य पंचम सत्र विशेष पेपर क्र. IX							मध्यकालीन काव्य षष्ठम सत्र विशेष पेपर क्र. XIII				
४	बी.ए. - III	१. प्रतिनिधी कहानी, २. अनुवादित कहानियाँ: लाल किचड, जानवर	२. कहानीयाँ, जो है वह ऐसा है, कर्जमुक्ति, कुत्ते	३. कहानीयाँ, समीतर रेखाएँ, शान्ति	४. पराया: लक्ष्मण मानें, कथावस्तु एवं पात्र	५. पराया: लक्ष्मण मानें - भाषाशैली एवं उद्देश्य	१. भक्तिकालीन कविता-संवेदना	२. भक्तिकालीन कविता- शिल्प विधान	३. रीतिकालीन कविता : संवेदना	४. रीतिकालीन कविता : शिल्प विधान	५. भक्तिकालीन, रीतिकालीन निष्कर्ष एवं उद्देश्य
आधुनिक कविता प्रथम सत्र ऐच्छिक पेपर क्र. II							मध्ययुगीन कविता द्वितीय सत्र ऐच्छिक पेपर क्र. IV				
५	बी.ए. - I	१. काव्यकुसुम - पुस्तक परिचय, आधुनिक कविता	भारतेंदु हरिश्चंद्र, निजभाषा उन्नति, विविध कला शिक्षा	राष्ट्रसंत तुकडोजी महाराजकी कविताएँ	भारतमहिमा- जयशंकर प्रसाद, प्याला-बच्चन, प्रेत का बयान	सिंहासन खाली है, विथड़े में हिंदूस्थान, उतनी दूर मत ब्याहना बाबा, राष्ट्रलः खुडकाव्य	पद्य परिमल, संत नामदेव, जायसी, संत कबीर, सूरदास	संत रेदास, संत मोराबाई, रहिम, संत तुकाराम	बिहारी, भूषण, घनानंद	महाकाव्यांश रामचरितमानस - तुलसीदास, सारांश	चरित्र, भक्तिकाव्य और लोकजीवन संदेश, उद्देश्य


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Anandrao Dhonde Alias Babaji College, Kada

Dept. of Physical Education

Annual Teaching Plan 2023-24

Prof. Dr. Kote B. G.

B.A III

Class/Su b	August t	September r	October	November	December		January	February	March	April	May
PHYSICAL EDUCATION – 301 SAM – V ANCH ENT & MODERN HISTORY OF PHYSICAL EDUCATION & SPORTS	UNIT – I INTR ODU CTIO N OF PHY EDU. IN ANCI ENT AND HISTO RY OF PHYSI CAL EDUCA TION & SPORT S	UNIT – II PHY.ED U. IN THE STATE OF SPARTA AND ATHENS a) Phy. Edu in Ancient Rome. b) Phy. Edu and moral Education c) Phy. Edu in Mughal Period	UNIT – III PHY. EDU. IN INDIA AFTER INDEPENDENCE. a) Phy. Edu in British Period. b) Ancient Olympic Games, Historical Background. c) Modern Olympic Games. UNIT – IV GOVERNMENT BODIES & POLICIES IN PHY. EDU. a) Nature & Educational System in modern India.	b) Education & Physical Education Policies in India c) Central Advisory board of Physical Education UNIT – V SCHEME AND AWARDS RELATED TO PHY. EDU & SPORTS. a) Arjuna Award b) Dronacharya Award c) Rajiv Gandhi Khelratna Award.	UNIT – VI INSTITUTIONS OF PHY. EDU. IN INDIA. a) Y.C.M.O.U College of Physical Education of Madras. b) LNIPE Gwalior & NSNIS Patiala. c) HVPM Amaravati.	PHY. EDU. - 303 SAM- VI Organization Administration & Supervision In Physical Education Youth Welfare & Youth Services "	UNIT – I ORGANISATION, ADMINISTRATION & SUPERVISION. a) Meaning & Scope of Organization & Administration b) Objectives of Organization & Administration c) Guiding Principles of Organization.	UNIT – II ORGANIZING & CONDUCTING TOURNAMENTS. a) Different types of tournaments & competition. Knock out league tournaments. c) Merits & Demerits of tournaments.	UNIT – III INSTRUMENTALS PROGRAMME E. a) Need and importance. b) Objectives of intramurals programme. c) Methods of grouping & fixture. UNIT – IV EXTRAMURAL PROGRAMME E. a) Need & Importance. b) Selection and coaching of team. c) Emotional Development of the Students	UNIT – V SUPERVISION IN PHYSICAL EDUCATION. a) Meaning, Purpose & Scope of supervision. b) Objectives & Features. c) Qualities of Supervisor.	UNIT – VI YOUTH WELFARE & YOUTH SERVICES. a) Concept of youth welfare & youth services b) Youth Organization in India. c) Social services

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Dept. of Physical Education

Annual Teaching Plan 2023-24

B.A II.

Dr Bhagat S. B

Class/Subject	August	September	October	November	December	January	February	March	April	May
Phy. Edu. 201 Paper – IV SEME – III Health Education and Recreation In Physical Education and Sports	UNIT - I HEALTH EDUCATION a) Concept and objectives of Health Education. b) Importance of Health Education. c) Principles of Health Education.	UNIT – II CONTEMPORARY HEALTH PROBLEMS a) Abuse of Alcohol and its effects on Individual, family and community. b) Eating Habits and its effect on Health. c) Effect of Drugs and Tobacco on Sports person. UNIT – III FAMILY AND HEALTH EDUCATION a) Meaning functions and importance of family as a social institution.	b) Role of parents in child Health Care. c) Health Care during Disasters. UNIT - IV RECREATION IN PHYSICAL EDUCATION AND SPORTS. a) Meaning. Need Scope of Recreation b) Principles of Recreation. c) Types of Recreation.	UNIT - V PLANNING A PROGRAMME OF RECREATION a) Urban Recreative Program b) Rural Recreation Program c) Industrial Recreative Program	UNIT – VI AGENCIES PROMOTING RECREATION a) Facilities of Recreation. b) Organization of Recreation. c) Leadership in Recreation.	PHY. EDU. 202 PAPER – V SEM- IV Officiation, Coaching and Training Methods in Physical Education and Sports UNIT – I OFFICIATION OF GAMES AND SPORTS a) Meaning and Definition of Officiation b) Importance of Officiation in Phy. Edu and Sports c) Qualities of Good Officials d) Duties and Responsibilities of Official e) Rules and Marking System of Indian and Foreign Games.	UNIT – II COACHING OF GAMES AND SPORTS a) Meaning and Definition of Coaching b) Impedance of Coaching in Games and Sports c) Qualities of Good Coach. d) Duties and Responsibilities of Coaches.	UNIT – III ORIGIN AND DEVELOPMENT OF GAMES AND SPORTS a) Fundamental and Advanced Skills of Indian Games. i) Kabaddi ii) Kho-Kho iii) Wrestling iv) Ball Badminton b) Fundamental and Advanced Skills of Foreign Games. i) Volley Ball ii) Soft Ball iii) Badminton iv) Table Tennis.	UNIT - IV TRAINING METHODS IN GAMES AND SPORTS a) Need of Sports Training. b) Principles of Sports Training c) Factors affecting the Sports Training. d) Procedure and Planning of Specific Training.	UNIT V TYPES OF TRAINING METHOD IN GAMES AND SPORTS a) Weight Training. b) Circuit Training. c) Fartlek Training d) Interval Training.

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Dept. of Physical Education

Annual Teaching Plan 2023-24

Dr. Shaikh M.B.

B.A.I.

Class/Sub	October	November	December	January	February		March	April	May	June	July
Phy. Edu. 101 Paper – I Sem I Philosophical, Sociological and Foundation of History of Physical Education	Unit – I PHILOSOPHICAL FOUNDATIONS a) Meaning and Definition of Philosophy of Phys. Edu. b) Components of Philosophy of its Application in the field of Phys. Edu. c) Traditional and Modern Philosophies their implication in the programme of Edu.	d) Philosophies of Ddu applied to Phys. Edu. i) Idealism ii) Naturalism iii) Realism and iv) Humanism UNIT – II SOCIOLOGICAL FOUNDATIONS a) Sociological Basis of Phys. Edu. b) Social Environment for development of Individual Personality. c) Socialization and Sports d) Social Nature and Social Recognition	UNIT – III INREGRATION OF PHYSICAL EDUCATION WITH OTHER FACULTIES. a) Interaction of Phys. Edu. with History b) Integration of Phys. Edu. with Psychology. c) Integration of Phys. Edu. with Sociology. UNIT- IV NATURE OF PHYSICAL EDU. SYSTEM a) Ancient India and Mediaeval India b) Phys. Edu. in Ancient Civilization with reference to i) India ii) Greece iii) Rome iv) Egypt c) Development of Phys. Edu. With special reference to i) U.S.S.R ii) U.S.A iii) Germany	UNIT – V PHYSICAL EDUCATION IN INDIA DURING 20 th CENTURY a) Meaning Definitions, Aims and Objectives of Phys. Edu. b) Phys. Edu. Training Institutions c) Phys. Edu. after Independence e. i) Central Advisory Board of Phys. Edu. ii) All India Council of Sports (AICS) iii) Netaji Subhash National Institute of Sports (NSNIS) iv) Laxmibai National Institute of Phys. Edu. (LNIFE) v) Sports Authority of India (SAI)	UNIT – V HISTORICAL DEVELOPMENT OF ANCIENT OLYMPIC GAMES AND MODERN OLYMPIC GAMES a) Philosophy of Olympism and its impact on sSports movements in India. b) Current Trends in Phys. Edu. i) Role of Federations and Associations. ii) Courses and Coaching Centres. iii) Policies of Central and State Government. For Phys. Edu. and Sports. c) Movements of Akhada and Vyayamshalas in Maharashtra.	Phy. Edu. 102 Paper – II Sem II, Principles and recent development of Physical Education	UNIT – I PRINCIPLES OF PHYSICAL EDU. a) Biological Principles of Phys. Edu. b) Sex Differences c) Principles of exercise. d) Body Types. UNIT – II SOCIOLOGICAL PRINCIPLES OF PHY. EDU. a) Social Values and Development of Traits. b) Social Welfare c) Physical Edu. As Sociological Agency.	UNIT – III CLASSIFICATION OF CHILDREN a) Psychological Bases of Phys. Edu. b) Biological Characteristics of Children. c) Physiological and Sociological Characteristics of Children.	UNIT – IV RECENT DEVELOPMENT OF PHYSICAL EDUCATION a) Status of Phys. Edu. and Sports in Educational Institutions. b) Phys. Edu. at Pre- Primary and Primary School Level c) Phys. Edu. at University and Professional Level.	UNIT – V SPORTS AND GAME ORGANIZATION IN INDIA a) District Level Organization ns. b) State Level National Organization ns. c) International Level Organization ns. d) International Level Organization ns.	UNIT – VI ROLL OF ASSOCIATION AND SPORTS BODIES a) Indian Olympic Associations (IOC) b) International Olympic Associations (IOC) c) Sports Authority of India (SAI) Central advisory Board of Physical Edu. and Recreation.

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Dept of Phy. Education

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Anandrao Dhonde Alias Babaji Mahavidyalaya
Kada Tal. Ashti Dist. Solapur



आनंदराव धोंडे ऊर्फ बाबाजी महाविद्यालय कडा.

ता. आष्टी. जि. बीड

वार्षिक नियोजन आराखडा 2023-2024

विषय - राज्यशास्त्र

B.A I, II, III

Dr. J.R. Doifode

No.	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
B.A I	प्रवेश प्रक्रिया अभ्यास नामाविषयी चर्चा प्रस्तावना	संयुक्त महाराष्ट्र प्रस्तावना संयुक्त महाराष्ट्र चळवळ मूलतत्वे	संयुक्त महाराष्ट्र चळवळीतील पक्ष प्रस्तावना	संघटना आणि शासनाची अंगे कार्यकाळ मंडळ मंत्रिमंडळ व मुख्यमंत्री	विधिमंडळ कार्यसत्ता आणि अधिकार न्यायमंडळ, रचना कामे जिल्हा न्यायालय	पंचायत राज्य ग्रामपंचायत रचना व कामे जिल्हा परिषद रचना व कामे	नगरी प्रशासन नगर पालिका रचना व कामे महानगर पालिका रचना व कामे	महाराष्ट्रातील राजकीय पक्ष राष्ट्रीय काँग्रेस राष्ट्रवादी काँग्रेस भारतीय जनता पक्ष शिवसेना (E.P.) विचार सरणी कार्यक्रम	महाराष्ट्रातील राजकीय पक्ष राष्ट्रवादी काँग्रेस महानगर पालिका रचना व कामे	महाराष्ट्रातील राजकीय पक्ष राष्ट्रवादी काँग्रेस महानगर पालिका रचना व कामे
B.A II PR/III	भारतीय राज्यघटना प्रस्तावना	घटनेची उगमस्थाने सरनामा वैशिष्ट्ये	घटनात्मक तरतुदी, मूलभूत हक्क नागरिकांची कर्तव्ये मार्गदर्शक तत्वे	केंद्रीय शासन राष्ट्रपती संसद पंतप्रधान आणि मंत्रिमंडळ.	सर्वोच्च न्यायालय रचना, अधिकार व कामे न्यायालयीन पुनर्विलोकन	केंद्र-राज्य संबंध वैधानिक प्रशासकीय अधिक.	राजकीय पक्ष वैशिष्ट्ये काँग्रेस पक्ष भारतीय जनता पक्ष बहुजन समाज पक्ष राष्ट्रवादी काँग्रेस कम्यु.	प्रादेशिक पक्ष भारतीय राजकारणातील त्यांचा प्रभाव	निवडणूक आयोग रचना अधिकार व कार्य	भारतीय लोकशाही आरंभ
B.A III PRV	भारतीय राजकीय विचारवंत अभ्यासक्रम विषयी प्रस्तावना	राजाराम मोहन रॉय धर्म सामाजिक आणि राजकीय विचार	दयानंद सरस्वती परिचय सामाजिक व राजकीय विचार	म. गोविंद रानडे परिचय सामाजिक सुधारणा विषयक विचार राजकीय संकल्पना अधिक विचार	महात्मा गांधी परिचय धर्मविषयक संकल्पना सत्य, अहिंसा, सत्याग्रह साम्राज्या विषयीची संकल्पना.	लोकमान्य टिळक राष्ट्रवादा संबंधी विचार टिळकाचा च.सूत्री कार्यक्रम सामाजिक सुधारणा.	मौलाना अब्दुल कलाम आझाद धर्म आणि राजकारण हिंदू मुस्लीम ऐक्य	पंडित मेहरा राष्ट्रवाद लोकशाही आणि समाजवाद धर्मनिरपेक्षता आंतर-राष्ट्रवाद	एम. एन. रॉय मार्क्सवाद टीका नवमानवतावाद	डॉ. बाबासाहेब आंबेडकर धर्म समाज विचार लोकशाही ची संकल्पना अधिक विचार
PR VIII	अभ्यासक्रम विषयी प्रस्तावना राष्ट्रवाद प्रस्तावना	संकल्पना, अर्थ राष्ट्रवादाचा विकास तत्वे, समर्थन टीका	उदरमतवाद व्याख्या, स्वरूप विकास तत्वे मूल्यमापन	लोकशाही व्याख्या, लोकशाहीच्या मागील अडथळे यशस्वीपण	सामाज्यवाद स्वरूप व्याख्या विकास वाडीची कारणे गुण दोष	समाजवाद स्वरूप विकास समाजवादाची प्रमुख तत्वे	साम्यवाद अर्थ विकास मार्क्सचा भौतिकवाद वर्ग संघर्ष	अतिरिक्त मूल्यांचा सिद्धांत कामगारांची हुकुमशाही तत्वे, टीका	कॅसीडम विकास कॅसीडमचे प्रमुख तत्वे	आराज्यवाद विकास द परराज्यवाद व्याख्या

Teacher: Dr. B. B. Avhad

Anandrao Dhonde Alias Babaji Mahaviyalaya, Kada
Annual teaching plan 2023-2024

Subject: Sociology

sem	Paper	Jun.	Jul.	Aug.	Sept.	Oct.	Semester	Nov.	Dec.		Feb.	Mar.
B. A. I Sem-I	Introduction To Sociology Paper - I	Emergence of Sociology Definitio Nature and subject matter of	Sociology Sociological imagination Diverse fields and career opportunities in Sociology.	Basic Concepts in Sociology Social Structure & Social System Groups	Culture, Inequality and Social Exclusion Culture, Social Exclusion, Social Inequality	Analysis of Social Problem Evaluation of Social change Social Policy & action	B. A. / I Semester -II Basic Concepts in Sociology Paper -III	Society Definition and Meaning of Society Types of Society Community: Meaning, characteristics and Type Social Process Social Process:	Meaning Integrative Social Process Co-Operation Accommodation and Assimilation Disintegration social process Competition & conflict	Nature of Social Change Factors Responsible to Social Change Ideology, Demographic	Science and Technology, Socio- Cultural and Education Social Media	
B. A. II Sem- III	Indian Society	Ideas of India Mahatma Gandhi - Naiton Building , Hind swaraj Jawaharl al Nehru	State Holding planning Development , Dr. Babasaheb Ambedkar - Social Reconstructio n Critique on Caste	Mobilization & Change Middle class phenomena - Rise of middle class in Maharashtra Mobility &	change among the schedule caste Womens Participation in Various fields Challenges to Indian Society Religious of Fundamentalism Communalism	Problems of Nationalism Caste Atrocities against women	Semester-IV Indian Society : Issues & Concerns -VII	Introduction Meaning of social Problems, Approaches to the study of social problems 9 Functionalist , Conflict & symbolic)	Theories of Deviance Social Problem Crime : Meaning , Nature, Causes , Types, effects & Measures. Juvenile Delinquency: Meaning, Nature, Characteristics , causes, Types &	Effects Childs Labour : Nature, Causes , Types, effects & Measures. Meaning Currents Challenges	Problem of Unemployment Problem of Alcoholism and Drug Abuse Problem of communalism and Terrorism	
B. A. III Sem - V	Introduc tion to research methodol ogy Paper -X	Basic concepts in research methodol ogy Meaning of research	Scope & importance of social Research Theory, Facts, Objectivity	Types of research Pure & applied research Qualitative & Quantitative research	Descriptive Research & Exploratory Research Scientific Research Process	Formulation of problem Hypothesis Sampling & data Collection Data analysis & statement	Social Problems in India P-XI	Corruption & Crime Corruption in India & its implications (Nature & causes) White collar crime, suicide Measures on Corruption	Displacement & rehabilitation Displacement & problems of Development projects (SEZ) problem of land acquisition for industrial project (Acts & Ambiguity)	Measures on rehabilitation Problems Problem Of Inequality Educational Inequality (Poor, Weaker Sectiona & Women)	Rural India against urban India Globalization & increasing inequality	
B. A. III Sem - VI P-XIV	Social Research Methods	Techniqu es of sociologi cal investigat ion	Observation Questionnaire Interview	Computer application & statistics Use of computer in social research (computer data analysis)	Internet Introduction of statistical measures Introduction of SPSS, Utility of social Research	To analyze social problem, To study society & social structure, Evaluation of welfare schemes, policy Advocacy	Social Disorganiza tion in Contemporary India Paper-XV	Problem of Disorganization Concepts Disorganization Causes of social Disorganization	(population heterogeneity, lack of Mobility) cynicism , underdevelopment, changing values & culture)	Violence & social disorder Violence against women Terrorism in India Problem of Naxalism in India Regionalism (causes Regionalism & consequences) Analysis in regional	imbalanc e special reference to marathwa da & Vidarbha	

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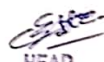
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आनंद धोंडे बाबाजी महाविद्यालय, कडा
ता. आश्टी जि. बीड
मराठी विभाग

वार्षिक नियोजन २०२३-२०२४

प्रा.डॉ.जी.पी.बोडखे

अ. क्र.	शाखा व वर्ग	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
		प्रथम सत्र ऐच्छिक पेपर क्र. I (अभंग अधिष्कार)					द्वितीय सत्र ऐच्छिक पेपर क्र. III (निवडक ललित गद्य)				
१	बी.ए. I (ऐच्छिक)	संत ज्ञानेश्वर संत नामदेव	संत गोरा कुंभार संत सेना नाइकी	संत बोखामेळा संत एकनाथ	संत जनाबाई संत तुकाराम	संत तुकाराम	साने गुरुजी दुर्गा भागवत	आनंद भालेराव, विजय तेड्ढकर	शरद जोशी, मारुती वित्तमपल्ली	सुधीर रसाळ, महेश एकुलकुचवार	नागनाथ कोतापळे
		तृतीय सत्र एस.एल. पेपर क्र. III (भारतीय भाषा - मराठी (मायबोली))					चौथे सत्र एस.एल. पेपर क्र. IV (भारतीय भाषा - मराठी (मायबोली))				
२	बी.ए. II एस.एल.	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी
		तृतीय सत्र एस.एल. पेपर क्र. III (भारतीय भाषा - मराठी (मायबोली))					चौथे सत्र एस.एल. पेपर क्र. IV (भारतीय भाषा - मराठी (मायबोली))				
३	बी.ए.सो. II एस.एल.	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी
		तृतीय सत्र ऐच्छिक पेपर क्र. V (मध्ययुगीन मराठी वाङ्मयाचा इतिहास)					चौथे सत्र ऐच्छिक पेपर क्र. VII (मध्ययुगीन मराठी वाङ्मयाचा इतिहास)				
४	बी.ए. II (ऐच्छिक)	मध्ययुगीन मराठी वाङ्मयाची पार्श्वभूमी	मराठी भाषेची पुर्व-पिठाका	आद्य कवी मुकुंदराज, महानुभाव पंथाचे वाङ्मय	वारकरी संप्रदाय व संत साहित्य	वारकरी संप्रदाय व संत साहित्य	समर्थ रामदास व समर्थकालीन कवी	पंडिती साहित्य	शाहीरी काव्य	बखर वाङ्मय	प्रकल्प
		पाचवे सत्र ऐच्छिक पेपर क्र. X (भाषाविज्ञान)					सहावे सत्र ऐच्छिक पेपर क्र. XIV (व्याकरण व निबंध लेखन)				
५	बी.ए. III (ऐच्छिक)	भाषेचे स्वरूप व विशेष	स्वन व स्वनिम विचार	रूपिम व पदविचार	रूपिका-रूपिम-रूपिकांतर	बोलीभाषेचे स्वरूप	शब्दाव्या जाती	संधी विचार	समास	अलंकार	निबंध लेखन


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प्रा.डॉ.आर.जे.खिळदकर

अ. क्र.	शाखा व वर्ग	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
		प्रथम सत्र ऐच्छिक पेपर क्र. II (निवडक कथा) कथार्थ					द्वितीय सत्र ऐच्छिक पेपर क्र. IV (निवडक आधुनिक कविता)				
१	बी.ए. I ऐच्छिक	बी.रघुनाथ, प्र.के.अत्रे	बाबुराव बागुल, भास्कर चंदनशिव	बाबाराव मुसळे, उर्मिला पवार	भारत सासणे, छाया महाजन	राजन खान	ना.थो.महानोर, अनुराधा पाटील	इलाही जमादार	प्रज्ञा दया पवार	श्रीकांत देशमुख	कल्पना दुधाळ
		तृतीय सत्र ऐच्छिक पेपर क्र. VI (साहित्य प्रकार - कादंबरी)					चौथे सत्र ऐच्छिक पेपर क्र. VIII (साहित्य प्रकार - नाटक)				
२	बी.ए. II ऐच्छिक	कादंबरी स्वरूप व विशेष	रणगण - विश्राम वेडेकर	रणगण - विश्राम वेडेकर	नदीष्ट - मनोज बोरगावकर	प्रकल्प	नाटकाचे स्वरूप व विशेष	कौतय - वि. वा. शिरवाडकर	जलमाचा गोळा - प्रतिमा इंगोले	जलमाचा गोळा - प्रतिमा इंगोले	प्रकल्प
		पाचवे सत्र ऐच्छिक पेपर क्र. IX (भारतीय साहित्य विचार)					सहावे सत्र ऐच्छिक पेपर क्र. XIII (पाश्चात्य साहित्य विचार)				
३	बी.ए. III (ऐच्छिक)	भारतीय साहित्य विचार पार्श्वभूमी	साहित्याचे स्वरूप व लक्षणे	साहित्याचे प्रयोजन	साहित्याची निर्मिती शब्दशक्ती	अर्थविचार व रसविचार	पाश्चात्य साहित्य लक्षणे	साहित्याचे स्वरूप	साहित्याचे प्रयोजन	साहित्याची निर्मिती	मार्क्सवादी समिक्षा


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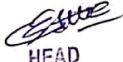

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प्रा.डॉ.एन.डी.चौधरी

अ. क्र.	शाखा व वर्ग	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
		प्रथम सत्र एस.एल. पेपर क्र. I भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)					द्वितीय सत्र एस.एल. पेपर क्र. II भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)				
१	बी.एससी। (एस.एल.)	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी
		प्रथम सत्र एस.एल. पेपर क्र. I भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)					द्वितीय सत्र एस.एल. पेपर क्र. II भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)				
२	बी.ए. I (एस.एल.)	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी
		प्रथम सत्र एस.एल. पेपर क्र. I भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)					द्वितीय सत्र एस.एल. पेपर क्र. II भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)				
३	बी.कॉम। (एस.एल.)	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी


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अ. क्र.	शाखा व वर्ग	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
		प्रथम सत्र एस.एल. पेपर क्र. I भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)					द्वितीय सत्र एस.एल. पेपर क्र. II भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी)				
१	बी.ए. I (एस.एल.)	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी					
		पाचवे सत्र ऐच्छिक पेपर क्र. XI (मध्ययुगीन मराठी वाङ्.मयाचा इतिहास)					सहावे सत्र ऐच्छिक पेपर क्र. XV (मध्ययुगीन मराठी वाङ्.मयाचा इतिहास)				
२	बी.ए. . III (ऐच्छिक)	मराठीचा आरंभ काळ	मुकुंदराज महानुभावपं थाचे वाङ्.मय	वारकरी संप्रदायाचे वाङ्.मयीन कार्य	वारकरी संप्रदायाचे वाङ्.मयीन कार्य	वारकरी संप्रदायाचे वाङ्.मयीन कार्य	पंडीती साहित्य	पंडीती साहित्य	शाहिरी वाङ्.मय	शाहिरी वाङ्.मय	वखर वाङ्.मय
		पाचवे सत्र ऐच्छिक पेपर क्र. XII (प्रकल्प कार्य भाग - १)					सहावे सत्र ऐच्छिक पेपर क्र. XVI (प्रकल्प कार्य भाग - २)				
३	बी.ए. . III (ऐच्छिक)	प्रकल्प लेखन व प्रस्तावना	प्रकल्प निवड	प्रकल्पबाबत संकलन	प्रकल्प आराखडा	प्रकल्प लेखन	प्रकल्प लेखन	प्रकल्प लेखन दुरुस्ती	प्रकल्प लेखन दुरुस्ती	प्रकल्प मांडणी	प्रकल्प सादरीकरण


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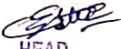

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अ. क्र.	शाखा व वर्ग	जून	जुलै	ऑगस्ट	सप्टेंबर	ऑक्टोबर	नोव्हेंबर	डिसेंबर	जानेवारी	फेब्रुवारी	मार्च
		तृतीय सत्र एस.एल. पेपर क्र. III (व्यावसायिक मराठी आणि वाणिज्य व्यापार)					चौथे सत्र एस.एल. पेपर क्र. IV (मराठी भाषा आणि वाणिज्य व्यवहार)				
१	बी.कॉम II एस.एल.	मराठी भाषा शिक्षण	व्यापारात वाचन संस्कृतीचे महत्व	पत्रलेखन	पत्रलेखन निबंध लेखन	निबंध लेखन	अनुवाद लेखन	अनुवाद लेखन	वाणिज्य व व्यापारातील भाषेचे महत्व	वाणिज्य व व्यापारातील भाषेचे महत्व	वाणिज्य व व्यापारातील भाषेचे महत्व
		तृतीय सत्र एस.एल. पेपर क्र. III (भारतीय भाषा - मराठी (शब्दवली))					तृतीय सत्र एस.एल. पेपर क्र. III (भारतीय भाषा - मराठी (शब्दवली))				
२	बी.एससी. II एस.एल.	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी
		प्रथम सत्र एस.एल. पेपर क्र. I (भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी))					द्वितीय सत्र एस.एल. पेपर क्र. II (भारतीय भाषा मायबोली (गद्य-पद्य उपयोजित मराठी))				
३	बी. ए. I (एस.एल.)	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी	गद्य साहित्य	गद्य साहित्य	पद्य साहित्य	पद्य साहित्य	उपयोजित मराठी


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