

COURSE OUTCOMES (CO): DEPARTMENT OF PHYSICS

Course Outcome (CO) for B. Sc. I



Course	Course Outcome	PSO	CL	CR
Phy101 (Mechanics, Properties of Matter and Sound)	CO1 Understand the concepts of mechanics, acoustics and the properties of matter	PSO1	U	C
	CO2 Understand the basic ideas of elasticity	PSO3	U	C
	CO3 Understand and apply the basic concepts of viscosity and surface tension to physical systems	PSO5	Ap	C, P
	CO4 Understand application of acoustics in noise and music, musical scale, sonar and ultrasonic.	PSO2	An	C, P
Phy102 (Heat and Thermodynamics)	CO1 Understand and analyze the basic concepts of thermal conductivity	PSO4	An	C, F
	CO2 Understand concepts of Real gases and Transport phenomenon	PSO1	U	C
	CO3 Understand the thermodynamics processes and Heat engine	PSO5	U	C
	CO4 Understand the basic ideas of entropy, and second law of thermodynamics and its applications	PSO3	U	C, P
Phy103 (Practical)	CO1 A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2 The ability to identify, formulates, and solve physics problems.	PSO6	Ap	C, P
	CO3 The ability to formulate, conduct, analyzes and interprets experiments in	PSO6	Ap	C, P

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		physics.			
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	
Phy104 (Geometrical and Physical Optics)	CO1	Understand foundation of optics and apply it for optical instruments	PSO2	Ap	C
	CO2	Understand the basic concepts of interference	PSO1	U	C
	CO3	Understand the basic concepts of diffraction	PSO1	U	C
	CO4	Understand the concepts of polarization	PSO5	U	C
Phy105 (Electricity and Magnetism)	CO1	Learn and understand vector and scalar. Understand divergence, gradient and curl and their physical interpretation	PSO3	U	C
	CO2	Understand the basic ideas of static and current electricity	PSO1	U	C
	CO3	Understand the mechanism of magnetic field in matter	PSO2	U	C, P
	CO4	Understand the transient currents	PSO1	U	C
Phy106 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulates, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics	PSO6	Ap	C, P

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1, P.O. 4, Raipur, Chhattisgarh

2020-21

	techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.		
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Course Outcome (CO) for B. Sc. II

Course	Course Outcome	PSO	CI	KC
Phy 201 (Mathematical, Statistical Physics and Relativity)	CO1 Understand differential equations i.e. ordinary differential equations with constant coefficients, first order ODE's with variable coefficients, second order ODE's partial differential equation	PSO1	U	C
	CO2 Understand the basic principles of statistical physics, classical statistics and its applications	PSO2	U	C
	CO3 Understand the basic principles of quantum statistics and its applications	PSO2	U	C
	CO4 Understand the fundamental ideas of special relativity	PSO3	U	C
Phy 202 (Modern and Nuclear Physics)	CO1 Understand the basic concepts of photoelectric effect and their applications in daily life	POS2	Ap	C, P
	CO2 Understand the basic concepts of X-ray and their applications in research and industry	PSO3	Ap	C, P
	CO3 Understand the basic aspects of nuclear Physics	PSO1	U	C
	CO4 Describe the principle and working of particle accelerators	PSO1	U	C, P

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Phy 203 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	
	CO2	The ability to identify, formulates, and solve physics problems.	PSO6	Ap	
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 204 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulates, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 205 (General Electronics)	CO1	Apply and illustrate the principles of semiconductor diode and transistor	PSO1	Ap	C
	CO2	Understand the working and designing of transistor biasing and Op – Amp and its applications	PSO3	Ap	C, P
	CO3	Understand the basic operation Oscillators and Multivibrators	PSO2	U	C



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	CO4	Understand the basics of Modulation and demodulation	PSO1	U	C
Phy 206 (Solid State Physics)	CO1	Understand the basic aspects of crystallography in solid state physics	PSO3	U	C
	CO2	Understand the basic ideas of bonding in materials	PSO5	U	C
	CO3	Understand the basic concepts of thermal properties of solids	PSO1	U	C
	CO4	Understand the basics of transport properties	PSO1	U	C
Phy 207 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulate, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyze and interpret experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 208 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulate, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyze and interpret experiments in physics.	PSO6	Ap	C, P

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	CO1	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
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Course Outcome (CO) for B. Sc. III



Course		Course Outcome	PSO	CL	KC
Phy 301 (Classical and Quantum Mechanics)	CO1	Understand the mechanics of system of particles	PSO1	U	C
	CO2	To study Origin of Quantum Mechanics	PSO1	U	C
	CO3	Learn more about Physical interpretation of wave function	PSO1	Ap	C, P
	CO4	Outline the basic Schrodinger's equation in spherical polar co-ordinate system, Compare the different Operators in Quantum Mechanics	PSO1	U	C
Phy 302 (Electrodynamics)	CO1	Understand the basic concepts of electrostatics	PSO1	U	C
	CO2	Understand the time varying fields	PSO1	U	C
	CO3	Understand and analyze the properties of electromagnetic waves	PSO5	An	C, P
	CO4	Understand the mechanism of Interaction of Electromagnetic waves in matter	PSO2	U	C
Phy 303 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P

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	CO2	The ability to identify, formulates, and solve physics problems.	PSO6	Ap	
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO1	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 304 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulates, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 305 (Atomic, Molecular Physics and LASER)	CO1	Understand the basic of atomic model	PSO1	U	C
	CO2	Understand many electron atoms and interaction of spins i.e. LS and JJ coupling	PSO5	U	C
	CO3	Understand rotational, vibrational, electronic and Raman spectra of molecules and their applications	PSO5	U	C
	CO4	Understand the basic principles of	PSO3	U	C

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Laser and Describe the applications					
Phy 306 (Non-conventional energy sources and Optical fiber)	CO1	Understand the need of energy conversion and the various methods of energy storage	PSO5	U	C
	CO2	Explain the field applications of solar energy	PSO2	U, Ap	C
	CO3	Demonstrate an understanding of optical fiber communication link, structure, propagation and transmission properties of an optical fiber	PSO2	U	C
	CO4	To understand the construction and characteristics of optical fiber cable	PSO2	U	C
Phy 307 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulate, and solve physics problems.	PSO6	Ap	C, P
	CO3	The ability to formulate, conduct, analyze and interpret experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P
Phy 308 (Practical)	CO1	A working knowledge of fundamental physics and basic mechanics principles.	PSO6	Ap	C, P
	CO2	The ability to identify, formulate, and	PSO6	Ap	C, P

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		solve physics problems.			
	CO3	The ability to formulate, conduct, analyzes and interprets experiments in physics.	PSO6	Ap	C, P
	CO4	The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.	PSO6	Ap	C, P

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Course Outcomes (COs)

Department of Chemistry

B.Sc. Chemistry Paper II Inorganic Chemistry

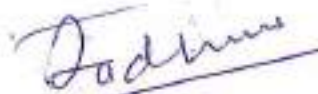
- CO1:** To study the basics of atomic structure-Atomic orbitals, Quantum numbers, Heisenberg uncertainty, Aufbau and Pauli exclusion principles, Hund's multiplicity rule: Electronic configurations of the elements, Bohr's atomic model.
- CO2:** To understand some periodic properties-atomic and ionic radii, ionization energy, electron affinity and electro negativity with reference to trends in periodic table and application in predicting chemical behavior.
- CO3:** To study s- and p-block elements.

Paper No. II Organic Chemistry

- CO1:** To understand the basic concepts in organic chemistry-reactions, reagents and mechanisms of organic reactions.
- CO2:** To study stereochemistry and its importance.
- CO3:** To familiarize open chain compounds like alkanes, alkenes and aromatic compounds chemistry and their importance.

Paper V Physical Chemistry

- CO1:** To understand basic mathematical concepts - logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions simple mathematical functions, maxima and minima, partial differentiation.
- CO2:** To understand kinetic theory of gases, kinetic gas equation, and gas laws Boyle's Law, Charles Law, Graham's Law of diffusion, Avogadro's hypothesis, deviation from ideal behavior, van der Waals equation of state.
- CO3:** Critical Phenomena: P-V isotherms of real gases.
- CO4:** To study chemical kinetics; Factors influencing the rate of reaction, rate law and characteristics of simple chemical reactions-zero order, first order, second order, Pseudo order, half-life. Arrhenius equation,



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concept of activation energy. Catalysis: Definition, types and characteristics, Enzyme catalysis.

CO5: To understand basics of liquid and solid state -Intermolecular forces, structures, liquid crystals:Classification, structure of nematic and cholestricphases.

CO6: To study solids, Miller Indices, laws of crystallography, X-ray diffraction by crystals. Derivation of Bragge quation.

CO7:To familiar izelearners with colloidal state.

Paper VI Inorganic Chemistry-II

CO1: To understand chemical properties of the noble gases, chemistry of xenon, structure and bonding in xenon compound.

CO2: To understand types of bonds- ionic, covalent and coordinate, Hydrogenbonding, Van-der-Waals forces, Metallic bond Theories of bonding - VBT, VSEPR, MOTwith form ationand shapes of molecules.

CO3: To understand the basics of nuclear chemistry-Isotopes, Isobars mass, Binding Energy, Packing fraction N/Z ratio, Radio activity, properties of fundamental particles, Artificial transmutation. Applications with respecttotrans-uranicelements, carbondating.

CO4: To study theory of volumetric analysis - Types of titrations, volumetric apparatus, calibration of pipette and burette, in dicatorsusedin pH-titrations, oxidizing agents used in titrations. Theory of internal, external and self-indicators forredox titration.

(Organic Chemistry) Paper IX

CO1: To understand structure, reactivity, methods of preparation and chemical reactions of different types of compound - alcohols; Phenols, aldehydes-ketones, amines and carboxylic acids.

CO2: To study named reactions-Pinacol-Pinacolone rearrangement, FriesRearrangement, Claisen Rearrangement, Gatterman Synthesis and Reimer Tiemann Reaction, Baeyer-Villeger Oxidation, Benzoin, AldolKnoencnagel condensations, Mannich Reactions. Hoffmann BromamideReactions, Gattermann Koch synthesis, Hell-Volhard-

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Zelinsky Reaction. Regents inorganic chemistry— LiAlH_4 , LiAlEt_4

CO3: To understand the basic functional group transformations, aromatic electrophilic substitution reactions, nucleophilic additions.

(Physical Chemistry-I) Paper X

CO1: To understand the basic concepts in thermodynamics.

CO2: To understand the laws of thermodynamics and terms like W , q , du and dH , for the expansion of ideal gas under isothermal and adiabatic conditions for reversible process, Hess's law.

CO3: To study Carnot cycle, its applications, concept of entropy, Gibbs and Helmholtz Functions, Criteria for thermodynamic equilibrium and spontaneity, their advantage over entropy change. Variation A with P , V and T .

CO4: To understand equilibrium constant and free energy - law of mass action, LeChatelier's principle, Reaction isotherm and reaction isochore, Clapeyron equation, Clausius-Clapeyron equation.

(Physical Chemistry-II) Paper XIV

CO1: To study the basic terms and laws—Henry law, Raoult's law in phase equilibrium and their applications.

CO2: To understand different systems—Water, Pb-Ag, Mg-Zn, $\text{FeCl}_3\text{-H}_2\text{O}$, phenol-water, trimethyl amine - water, nicotine-water system, acetone-dry ice.

CO3: To understand the concept of ideal behavior and deviations from ideality.

CO4: To understand the concept of conductivity and its types, Kohlrausch's law, Arrhenius Theory of Electrolyte Dissociation, Ostwald's dilution law,

Transport number and its determination, Conductometric titrations.

CO5: To familiarize with types of reversible electrodes, Nernst Equation, Cell E.M.F., single electrode potential, Reference electrodes, Electrochemical series, Electrolytic and galvanic cells, types of cells, Thermodynamic quantities of cell reactions, Concepts - pH, pK_a and their determination, Buffers—types, and mechanism of action, Henderson-Hasselbalch equation. Corrosion: Concept, types and electrochemical theory.

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(Inorganic Chemistry) Paper XIII

- CO1:** To familiarize students with transition elements, lanthanide and actinides with reference to characteristics, position in periodic table and variation in periodic properties.
- CO2:** To understand concepts and the origin in coordination compounds - Werner's co-ordination theory, EAN rule, VBT, isomerism, chelates.
- CO3:** To understand the concepts of acids and bases - Arrhenius, Bronsted-Lowry, Lux-Flood, Solvent System and Lewis Concept of Acids and Bases
- CO4:** To study chemical reaction in non-aqueous solvents.

Paper XVII Physical Chemistry

- CO1:** To understand concepts in Quantum Mechanics - Black body radiation, Planck's radiation law, photoelectric effect, Bohr's model of hydrogen atom, Compton Effect, De Broglie Hypothesis, Heisenberg's uncertainty principle, Hamiltonian operator, Schrödinger wave equation
postulates of quantum mechanics, Schrödinger wave equation for H-atom.
- CO2:** To study the basics of spectroscopy - Electromagnetic radiation, regions of the spectrum, Born-Oppenheimer approximation, Rotational Spectrum
- Diatomic molecules, energy levels of a rigid rotor (semi classical principles), selection rule, rotational spectra of rigid diatomic molecule, determination of bond length.
- CO3:** To understand photochemistry - Photochemical processes, laws of photochemistry, Grothuss-Draper law, Stark-Einstein law, Jablonski diagram qualitative description of fluorescence, phosphorescence, non-radiative processes, quantum yield and photosensitized reactions.
- CO4:** To study some physical properties and their relation with the assignment of molecular structure - Optical activity, dipole moment, magnetic property.
- CO5:** To introduce nano-materials - Properties, methods of synthesis and applications.

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CO6: To enable students to solve numerical problems...

Paper XVIII Organic Chemistry

CO1: To introduce learners to organic spectroscopy-¹H NMR, shielding and deshielding, chemical shifts; interpretation of PMR spectra of simple organic molecules, combined problems on UV, IR and PMR spectroscopic techniques.

CO2: To familiarize students with organo metallic compounds-Structure, methods of synthesis and synthetic applications of Grignard reagents, Organozinc and organolithium compounds.

CO3: To understand organic synthesis via enolates-Active methylene compound, Claisen condensation, Acidity of alpha hydrogen and its synthetic applications.

CO4: To introduce fats, oil and detergents - Saponification value, iodine value, and acid value. Detergents preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, cleansing action of detergent.

Paper XIX Organic Chemistry

CO1: To understand nature of metal-ligand bonding in transition metal complexes - crystal field theory with respect to octahedral, tetrahedral and square planar complex.

CO2: To familiarize with electronic spectra of transition metal complexes.

CO3: To introduce organometallic compounds-classification, nomenclature, synthesis and reactions.

CO4: To study the roles and biological functions of metals in biological systems.

CO5: To introduce chromatography-types, classification and applications.

Paper No. XVII Organic Chemistry

CO1: Curriculum benefits to study the heterocyclic compounds in details, their aromatic characters and importance in medicinal chemistry, structure elucidation of five and six member heterocyclic compounds using molecular orbital theory.

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CO2: To understand synthesis and properties of some five and six member heterocyclic compound.

CO3: To study carbohydrate chemistry and its importance.

CO4: To understand synthesis and properties of some polymers, polymerization reactions.

CO5: To know constitution, classification, synthesis and properties of some eyes.

CO6: To understand constitution, classification, synthesis, properties and applications of some drugs.

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Course Outcomes (COs)

Post Graduate (PG) M.Sc.-I Organic Chemistry



M.Sc.-I Organic Chemistry

CHE-101: Analytical Chemistry

CO1: To understand basic concepts in analytical chemistry - Role of analytical chemistry, qualitative and quantitative analysis, analytical processes of validation of method.

CO2: To understand the methods of statistical treatment of analytical data.

CO3: To study the basic separation techniques in analytical chemistry.

CO4: To familiarize with different chromatographic techniques-theory, experimental and different parameters-TLC, column, liquid-liquid partition, gel permeation, ion exchange, gas and HPLC.

CHE-102: Inorganic Chemistry

CO1: To familiarize with different spectroscopic term symbols, Orgel diagrams and Tanabe Sugano diagrams for different configurations.

CO2: To understand the interpretation electronic spectra of metal complexes.

CO3: To study preparations, reactions and structure of metal carbonyls and nitrosyls and EAN rule.

CO4: To understand the chemistry of dioxygen, dinitrogen complexes and non-carbonyl metal clusters.

CO5: To understand bioinorganic chemistry involved in biological systems.

CHE-103: Organic Chemistry

CO1: To study aromatic electrophilic and nucleophilic substitutions with reference to orientation and reactivity, energy profile diagram, ortho/para/ortho, IPSO substitution, orientation in other ring system, Recapitulation of halogenation, nitration, sulphonation and Friedel-Craft reaction, diazonium coupling.

CO2: To understand nucleophilic substitution- S_N^Ar , S_N^1 , benzyne mechanism

CO3: Effect of substrate structure, leaving group and attacking nucleophile on reactivity.

CO4: To study reaction mechanism and reaction intermediates- carbocations,

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carbanions, freeradicals.

CO5: To study mechanism and stereochemical aspects of addition reaction involving electrophile, nucleophile and free radicals.

CO7: To understand regioselectivity and chemoselectivity, orientation and reactivity in addition to carbon-carbon multiple bond; Michael addition, Sharpless asymmetric epoxidation.

CO8: Study of elimination and rearrangement reactions.

CHE-104: Physical Chemistry

CO1: To understand ionic equilibrium and biological reactions.

CO2: To study the order of reaction rates, kinetic order reactions, methods of determining rate order reactions.

CO3: To study classical and statistical thermodynamics.

CO4: To understand model involved in surface chemistry.

CO5: To understand advanced concepts in electrochemistry.

CHE205: Spectroscopic methods of analysis

CO1: General introduction to spectral methods.

CO2: Basic concepts, instrumentation and applications of Microwave, Vibrational and Raman spectroscopy.

CO3: To understand photoelectron spectroscopy.

CO4: To study thermal methods of analysis-TGA, DTA.

CO5: To understand the principle instrumentation, applications of UV, IR and NMR spectroscopy.

CO6: To enable students to structure elucidation of compounds using combined spectral data.

CHE-206: Inorganic chemistry

CO1: To understand spectroscopic term symbols, microstates, Orgel diagram.

CO2: Study of electronic spectra and magnetic properties of transition metal complexes.

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CO3: To understand the preparation, properties and reactions of metal carbonyls and nitrosyls.

CO4: Inorganic chemistry of haemoglobin and myoglobin.



CHE-207: Organic chemistry

CO1: To understand aliphatic and aromatic electrophilic as well as nucleophilic substitution reactions.

CO2: Mechanisms and stereochemical aspects of additions to C-C double bonds and carbon-heteroatom multiple bonds.

CO3: To understand various named reactions with their mechanisms.

CHE-208: Physical chemistry

CO1: To understand basics and advanced concepts in quantum mechanics.

CO2: To understand phase rule and its applications to different systems.

CO3: To study laws in crystallography, symmetry elements, and principles of crystal structure.

CO4: To understand concepts in photochemistry, photochemical processes and mathematical equations.

M.Sc. II - Organic Chemistry Structural elucidation by spectral methods [CHEO-313]

CO1: To understand spin-spin and different types of couplings.

CO2: To study principles and applications of mass and NMR Spectroscopy.

CO3: To study the basic principles and applications of Mossbauer and ESR spectroscopy.

CO4: To understand structure elucidation of organic molecules by analysis of spectral data.

Organic Synthesis [CHEO-314]

CO1: To study applications of different oxidizing reagents.

CO2: To study applications of various reducing reagents.

CO3: To understand methods of synthesis and synthetic applications of organic

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reagents in synthetic organic chemistry.

CO4: To study carbon-carbon and carbon-heteroatom bond forming reactions.

CO5: Study of ylides and enamines.

Asymmetric synthesis of and bio-organic chemistry [CHEO-315]

CO1: To understand classification and extraction of enzymes.

CO2: To introduce the students to enzyme catalysis.

CO3: To study chemical structure of co-enzymes and cofactors.

CO4: To study chiral pool and Fokin's model.

Photochemistry, free radical and pericyclic reaction [CHEO-316]

CO1: To study the principles and applications of pericyclic reactions.

CO2: To understand electro-cyclic reactions and their applications.

CO3: To study important cyclo-addition reactions with examples.

CO4: To understand applications of photochemistry.

CO5: To understand free radical reactions.

Organic Synthesis retrosynthetic Approach [CHEO-417]

CO1: To study importance and applications of disconnection approach.

CO2: To understand protecting groups for different functional groups in organic synthesis.

CO3: To study disconnection approach of cycloaddition reactions.

CO4: To study disconnection strategies for ring synthesis.

CO5: To understand retro-synthesis of complex organic molecules.

Advanced organic and heterocyclic chemistry [CHEO-418]

CO1: To study structure, synthesis and reactions of mono and fused ring heterocyclic compound.

CO2: To understand advanced named reactions in organic chemistry.

CO3: To study rearrangement reactions and their applications.

CO4: To study nomenclature and classification of heterocyclic compound.



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Course Outcomes (COs)

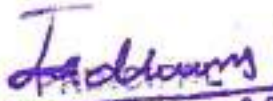
Department of Botany

Paper No.	Paper Name	Outcomes
Semester-I		
I	Diversity of Cryptogams-I	<ol style="list-style-type: none">1. Develop understanding on the concept of microbial nutrition.2. Classify viruses based on their characteristics and structures.3. Develop critical understanding of plant diseases and their remediation.4. Examine the general characteristics of bacteria and their cell, reproduction and recombination.5. Increase the awareness and appreciation of human friendly viruses, bacteria, Algae and their economic importance
II	Morphology of Angiosperms	<ol style="list-style-type: none">1. Develop understanding of the angiosperm2. Classify plants based on their characteristics and structures.3. Develop critical understanding of plant morphology.4. Examine the general characteristics of root, stem leaves and flowers.5. Increase the awareness and economic importance of Angiosperm
III	Practical based on Paper- I and II	<ol style="list-style-type: none">1. Develop practical understanding on the concept of microbial nutrition.2. Classify viruses based on their characteristics and structures.3. Develop critical practical understanding of plant diseases and their remediation.4. Examine the general characteristics of bacteria and their cell reproduction and Recombination.5. Conduct experiments using skills appropriate to subdivision:
Semester-II		

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IV	Diversity of Cryptogams- II	<ol style="list-style-type: none"> 1. Develop critical understanding on morphology, anatomy and reproduction of Bryophytes and Pteridophytes. 2. Understanding of plant evolution and their transition to land habitat.
V	Histology, Anatomy and Embryology	<ol style="list-style-type: none"> 1. Develop an understanding of concepts and fundamentals of plant anatomy. 2. Examine their internal anatomy of plant systems and organs. 3. Develop critical understanding on the evolution of concept of organization of shoot and root apex. 4. Analyze the composition of different parts of plants and the relationships. 5. Evaluate the adaptive and protective systems of plants.
VI	Practical based on Paper- I and II	<ol style="list-style-type: none"> 1. Demonstrate proficiency in the experimental techniques and methods of appropriate analysis of Bryophytes and Pteridophytes. 2. Analyze the composition of different parts of plants and the relationships. 3. Evaluate the adaptive and protective systems of plants.
Semester-III		
VII	Taxonomy of Angiosperm	<ol style="list-style-type: none"> 1. Classify Plant systematics and recognize the importance of herbarium and Virtual herbarium. 2. Evaluate the Important herbaria and Botanical gardens. 3. Interpret the rules of ICN in botanical nomenclature. 4. Assess terms and concepts related to Phylogenetic Systematics. 5. Generalize the characters of the families according to Bentham & Hooker's system of classification.
VIII	Plant Ecology	<ol style="list-style-type: none"> 1. Understand core concepts of biotic and abiotic factors and classify the soils on basis of physical, chemical and biological components. 2. Analyze the phytogeography or phytogeographical divisions of India. 3. Evaluate energy sources of ecological system. 4. Assess the adaptation of plants in relation to light, temperature, water, wind and fire.
IX	Practical based on Taxonomy of Angiosperms	<ol style="list-style-type: none"> 1. Practically Classify Plant systematics and recognize their importance of herbarium and Virtual herbarium. 2. Preparation of Herbaria. 3. Practically Assess terms and concepts related to Phylogenetic Systematics. 4. Generalize the characters of the families according to Bentham and Hooker.


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X	Practical based on Plant Ecology	<ol style="list-style-type: none">1. Understand core concepts of biotic and abiotic classify the soils on the basis of physical, chemical and biological components.2. Analysis the phytogeography or phytogeographical division of India.3. Evaluate energy sources of ecological system.
Semester IV		
XI	Gymnosperms and Utilization of plants	<ol style="list-style-type: none">1. Develop critical understanding on morphology, anatomy and reproduction of Gymnosperm.2. Understanding of gymnosperm plant evolution and their transition to land habitat.3. Understand core concepts of Economic Botany and relate with environment, populations, communities, and ecosystems.4. Develop critical understanding on the evolution of concept o organization of apex new crops/varieties, importance of germplasm diversity, issues related to access and owners hip.5. Develop a basic knowledge of taxonomic diversity and important families of useful plants.6. Increase the awareness and appreciation of plants & plant products encountered in everyday life.7. Appreciate the diversity of plants and the plant products in human use.
XI I	Plant Physiology	<ol style="list-style-type: none">1. Understand Water relation of plants with respect to various physiological processes.2. Explain chemical properties and deficiency symptoms in plants.3. Classify aerobic and anaerobic respiration.4. Explain the significance of Photosynthesis and respiration.5. Assess dormancy and germination in plants.
XI II	Practical based on Gymnosperms and Utilization of plants	<ol style="list-style-type: none">1. Demonstrate proficiency in the experimental techniques and methods of appropriate analysis of Gymnosperm.2. Develop a basic practical knowledge of taxonomic diversity and important families of useful plants.3. Increase the practical awareness and appreciation of plants & plant products encountered in everyday life.
XI V	Practical based on Plant Physiology	<ol style="list-style-type: none">1. Practical understand Water relation of plants with respect to various physiological processes.2. Explain chemical properties and deficiency symptoms in plants.3. Practical explanation aerobic and anaerobic respiration.4. Explain the practical significance of Photosynthesis and respiration.

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Semester-V		
XV	Cell Biology and Molecular Biology	<ol style="list-style-type: none">1. Study the prokaryotic and eukaryotic cell.2. To study different cell organelles3. Analyze the structures and chemical properties of DNA and RNA.4. Comprehend the effect of chromosomal abnormalities in numerical as well as structural changes leading to genetic disorders.5. Develop critical understanding of chemical basis of genes and their interactions at population and evolutionary levels.6. Analyze the effect of mutations on gene functions and dosage.7. Examine the structure, function and replication of DNA.
XVI	Diversity of Angiosperms- I	<ol style="list-style-type: none">1. Classify Plant systematics and recognize the importance of herbarium and Virtual herbarium.2. Evaluate the Important herbaria and Botanical gardens.3. Assess terms and concepts related to Phylogenetic Systematics.4. Generalize the characters of the families according to Bentham & Hooker 's system of classification
XVII	Practical based on Cell Biology and Molecular Biology	<ol style="list-style-type: none">1. Examine structure of cell and cell organelle2. Analyze the structures and chemical properties of DNA and RNA.3. Examine the structure, function and replication of DNA.
XVIII	Practical based on Diversity of Angiosperms- I	<ol style="list-style-type: none">1. Practically Classify Plant systematics and recognize their importance of herbarium and Virtual herbarium.2. Preparation of Herbaria.3. Practically Assess terms and concepts related to Phylogenetic Systematics.4. Generalize the characters of the families according to Bentham and Hooker

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College Pathar, Tq. Phulebani,
Dist. Amravati, (M.S.) INDIA - 431111



Semester-VI		
XIX	Genetics and Biotechnology	<ol style="list-style-type: none">1. Have conceptual understanding of laws of inheritance, genetic basis of loci and alleles and their linkage.2. Understand the core concepts and fundamentals of plant biotechnology and genetic engineering3. Have conceptual understanding of laws of inheritance, genetic basis of loci and alleles and their linkage.4. Comprehend the effect of chromosomal abnormalities in numerical as well as structural changes leading to genetic disorders.5. Develop critical understanding of chemical basis of genes and their interactions at population and evolutionary levels.6. Analyze the effect of mutations on gene functions and dosage.
XX	Diversity of Angiosperms-II	<ol style="list-style-type: none">1. Classify Plant systematics and recognize the importance of herbarium and Virtual herbarium.2. Assess terms and concepts related to Phylogenetic Systematics
XXI	Practical based on Genetics and Biotechnology	<ol style="list-style-type: none">1. Examine the structure, function and replication of DNA.2. Develop practical understanding of chemical basis of genes and their interactions at population and evolutionary levels.
XXII	Practical based on Diversity of Angiosperms-II	<ol style="list-style-type: none">1. Practically Classify Plant systematics and recognize their importance of herbarium and Virtual herbarium.2. Preparation of Herbaria.3. Practically Assess terms and concepts related to Phylogenetic Systematics.4. Generalize the characters of the families according to Bentham and Hooker

S.T. Bandewar

Dr. S. T. Bandewar
M.Sc., Ph.D., SET
Research Guide (Botany)
Rajarshi Shahu Arts, Comm. & Science
College Pathri, Tq. Phulambri,

S. T. Bandewar

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Rajarshi Shahu Arts, Comm. & Science
College Pathri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA. - 431114

COURSE OUT COMES(CO)
DEPARTMENT OF MATHEMATICS

1	B.Sc.FY (Sem-I) MAT- 101 Differenti al Calculus.	On completion of this course students will be able to : <ol style="list-style-type: none"> 1. Explain the relation between the derivative of a function as a function and notion of the derivative as slope of tangent line to a function at a point. 2. Compare and contrast ideas of continuity and differentiability. 3. To find the hyperbolic function and inverse hyperbolic functions, Logarithmic differentiation, implicit function. 4. Find the nth Derivative of the function, evaluate its indeterminate form and way to expand a function in series form using Taylors and Maclaurin theorem. 5. Solve the partial derivative of higher order homogeneous function, total differentials and implicit function. 6. Scalar and vector valued point functions, limit and continuity, directional derivative. 7. Find and interpret the Gradient curl, divergence for a function at a given point.
2	B.Sc. FY (Sem-I) MAT- 102 Differenti al Equation.	On completion of this course students will be able to : <ol style="list-style-type: none"> 1. The main aim of the course is to introduce the student to the technique of solving various problem of engineering and science. 2. Distinguish between linear, non linear, partial and ordinary differential equation. 3. Solve basic application problem by second order linear differential equation with constant coefficients. 4. Obtain an appropriate set of solution of homogenous linear equation, equation reducible to homogenous linear form. 5. Find the exact differential equation and equation of particular form. 6. Ordinary differential equation with more than two variables. 7. Definition, derivation of partial differential equation by the elimination of constants and arbitrary function.
3	B.Sc. FY (Sem-II) MAT- 201 Integral calculus	On completion of this course students will be able to : <ol style="list-style-type: none"> 1. Apply the principal of integral to solve a variety of practical problem in science and engineering. 2. Equip the students with standard concepts and tools at an intermediate to advanced level that will serve them well towards tackling more advanced level of mathematics. 3. Solve the problem of methods of integration, integration of Algebraic Functions and Trigonometric Functions. 4. Find the Areas of plane Region bounded by a curve. 5. Solve the problem Rectification, length of plane curve. 6. Interpret Line, surface and volume integrals. 7. Evaluate integrals by using Gauss theorem, Greens theorem, Stooks thm

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**COURSE OUT COMES(CO)
DEPARTMENT OF MATHEMATICS**



4	B Sc.FY (Sem-II) MAT-202 GEOMETRY.	On completion of this course students will be able to : 1. Describe the various forms of equation of a plane, straight line ,sphere ,cone and cylinder. 2. Find the angle between planes, Bisector planes, perpendicular distance from apoint to a plane, Image of a line on a plane, Intersection of two lines. 3. Define coplanar lines and illustrate. 4. Compute the angle between a line and plane, length of perpendicular from a point to line. 5. Define skew lines. 6. Calculate the shortest distance between two skew lines. 7. Find the nature of general cone.
5	B.Sc.SY (Sem-III) MAT-301 Number Theory	On completion of this unit successful students will be able to: 1. Define and interpret the concepts of divisibility, congruence, greatest common divisor, prime, and prime-factorization. 2. Apply the Law of Quadratic Reciprocity and other methods to classify numbers as primitive roots, quadratic residues, and quadratic non-residues. 3. Prove results involving divisibility and greatest common divisors. 4. Solve systems of linear equations; 5. Find integral solutions to specified linear Diophantine Equations; 6. Apply Euler-Fermat's Theorem to prove relations involving prime numbers; 7. Apply the Wilson's theorem. 8. Polynomial addition, subtraction, division, multiplication, roots of polynomials. 9. Define and interpret the concept of divisibility, congruences, gcd divisor, prime and prime factorization.
6	B.Sc. SY (Sem -III) MAT-302 Integral Transforms	On completion of this unit successful students will be able to: 1. Able to understand the Laplace transform of elementary functions. 2. Able to use the rules of integration & definition of Laplace transform students to prove the properties of Laplace transform. 3. Learns the topics inverse Laplace transform, application of Laplace transform helps to solve linear higher order differential equation, system of differential equations. 4. Understand the concept of Fourier series which gives the idea of expanding the sectionally continuous functions in to infinite series.
7	B.Sc.SY (Sem-III) MAT-303 Mechanics.	On successful completion of this course unit students will be able to 1. Understand the basic ideas of Forces acting on a partical 2. To find the magnitude and direction of the resultant of any number of coplanar forces acting at a point. 3. Obtain the trangle law of forces, polygon of forces, lamis theorem and Trigonometric theorem. 4. To find the centroid of weighted points, center of gravity of some uniforms bodies.


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8	B.Sc. SY (Sem-IV) MAT -401 Numerical Methods.	On completion of this unit successful students will be able to <ol style="list-style-type: none"> 1. Solve an algebraic or transcendental equation using an appropriate numerical method. 2. Define basic concepts of operators 3. Find the difference of polynomial. 4. Solve problems using Newton,Lagranges,Hermite interpolation formula 5. Determine the Least Square curve fitting procedure 6. Solve the linear system of equation using numerical method. 7. Find the solution of ordinary differential equation of first by Eulers, Taylor and Runge –Kutta methods.
9	B.Sc. S Y (Sem –IV) MAT -402 Partial Differential Equation.	Upon successful completion of this course, students will be able to: <ol style="list-style-type: none"> 1. Explain the concepts and language of partial differential equations. 2. Understand the difference between ordinary & partial differential equation 3. Classify the partial differential equations 4. To find the Lagrange linear partial differential equation. 5. Solve the partial differential equation using charpits method, Jacobis method. 6. Solve the problem of Linear Homogeneous and Non-Homogeneous partial differential equation with constant coefficients. 7. To find the partial differential equation of second order using Monges method.
10	B.Sc. S Y (Sem –IV) MAT -403 Mechanics.	Upon successful completion of this course, students will be able to: <ol style="list-style-type: none"> 1. Definition of velocity and acceleration in terms of vector derivatives. 2. To find the Tangential and normal components of velocity and acceleration. 3. Solve the problem in kinetics of a partical, Newtons Law of motion . 4. Demonstrate their understanding of motion of a projectile and motion in resting medium. 5. Definitions of Areal velocity in central orbit and find the differential equation of central orbit.
11	B.Sc. TY (Sem-V) MAT -501 Real Analysis I	By the end of the course, students will be able to: <ol style="list-style-type: none"> 1. Discribe the basic difference between the rational and real numbers. 2. Give the definition and concepts related to the sequences of real numbers. 3. Evaluate the limit of wide class of real sequences. 4. Determine whether or not real series are convergent by comparison with standard series bring the ratio test. 5. Understand and perform simple proof of sequence and series of real numbers. 6. Students will be able to demonstrate basic knowledge of key topics in real analysis. 7. Demonstrate the knowledge of Jacobian of implicit functions. Necessary and sufficient condition for a Jacobian vanish. 6. Solve the problem of convergent and divergent of sequence and series.


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12	B.Sc. TY (Sem-V) MAT -502 Algebra I	<p>On completion of this unit successful students will be able to:</p> <ol style="list-style-type: none"> 1. Assess properties implied by the definitions of groups and rings. 2. Use various canonical types of groups including cyclic groups and groups of permutation and canonical type of rings 3. Determine possible subgroups of a group. 4. Identify normal subgroups of a group. 5. Examine symmetric and permutation groups. 6. Explain group and subgroup orders using Lagrange's theorem. 7. Identify cyclic subgroups and their generators. 8. Identify factor group. 9. Analyse and demonstrate example of ideals and quotient rings . 10. Use of concept of isomorphism and homomorphism for groups and rings 11. Provide rigorous proofs of propositions arising in the content of abstract algebra.
13	B.Sc. TY (Sem-V) MAT -504 Ordinary Differential Equation-I	<p>On completion of this unit successful students will be able to:</p> <ol style="list-style-type: none"> 1. Main aim of the course to introduce the students to the techniques of solving various problem of engineering and science. 2. Distinguish between linear, nonlinear, partial and ordinary differential equations. 3. Recognize and solve a homogeneous differential equation. 4. Find particular solutions to initial value problems. 5. Solve basic application problems described by second order linear differential equations with constant coefficients. 6. Find power series solution about ordinary point and singular points. 7. Find transforms of derivatives and integrals. 8. Obtain an appropriate set of solution function value to a second order boundary value problem using a finite difference equation. 9. Solve a homogeneous linear equation.
14	B.Sc. TY (Sem-VI) MAT -601 Real Analysis II	<p>Upon successful completion of this course, students will be able to</p> <ol style="list-style-type: none"> 1. Give the definition and concept of metric spaces and limit in metric spaces. 2. Determine whether or not functions continuous on metric spaces. <p>Define open sets and closed sets .</p> <ol style="list-style-type: none"> 3. determine the given sets are either open sets ,connected sets, bounded sets and totally bounded sets 4. Define compact metric space and check out given function is continuous or uniformly continuous on compact metric space. 5. Define Riemann integral and Riemann sums 6. Prove a theorem about Riemann sums and Riemann integrals 7. understand the fundamental theorem of calculus.
15	B.Sc. TY (Sem-VI) MAT -602 Abstrac Algebra-II	<p>Upon successful completion of this course, students will be able to</p> <ol style="list-style-type: none"> 1. Define vector space and subspace and study the examples 2. To write precise and accurate mathematical objects in vector spaces. 3. For checking the linearly independence or linearly dependence. 4. To understand the concepts of dual spaces and inner product spaces. 5. To understand the concept of modules and sub modules. 6. Provide rigorous proofs of propositions arising in the content of abstract

COURSE OUT COMES(CO)
DEPARTMENT OF MATHEMATICS



		algebra.
16	B.Sc. TY (Sem-VI) MAT 603 Mathematical Statistics	<p>On completion of this unit successful students will be able to:</p> <ol style="list-style-type: none">1. Main aim of the course to introduce the students to the techniques of solving various problem of engineering and science.2. Recognize and solve initial value problem for homogeneous equation.3. Understand the wronskian method of linearly dependence and Independence4. Find the solutions of non-homogeneous equations.5. Understand the Legendre equation and Euler's equation.6. solve second order equation with regular singular point .7. Understand the Bessel equation.

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COURSE OUTCOMES (CO): DEPARTMENT OF ZOOLOGY



Course Outcome (CO) for B. Sc. I

Course	Course Outcome	PSO	CL	KC	
ZOL 101 Protozoa to Annelida	CO1	Came to knowing the basic concept of biosystematics and procedure in taxonomy.			
	CO2	Identified the taxonomic status of the entire non-chordates up to annelids and discuss the evolutionary model of the group.			
	CO3	Described the general biology of few selected non-chordates useful to mankind.			
	CO4	Know about some of the important and common protozoans, helminths of parasitic nature causing diseases in human beings.			

Course	Course Outcome	PSO	CL	KC	
ZOL-102 Cell biology Course Code	CO1	Understood the structure of cells and cell organelles in relation to the functional aspects and understanding of the working principles and applications of microscopes			
	CO2	Described the composition of prokaryotic and eukaryotic cells.			
	CO3	Understood the structure and functions of chromosome; mitotic and meiotic cell divisions and their significance			
	CO4	Understood the properties and treatment of cancer cells.			
	CO5	Acquired knowledge of principles and working mechanisms of microscopes			
	CO6	Understood the mechanism of mitosis and meiosis.			

Course	Course Outcome	PSO	CL	KC	
	CO1	Understood the importance of metamerism in annelids.			

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ZOL 201 Arthropoda to Protochordata	CO2	Understood the diversity and classification and functional aspects of different systems of phylum Arthropoda, Mollusca and Echinodermata.			
	CO3	Described the social life and economic importance of insects.			
	CO4	Described the advanced characteristic features of cephalopod molluscs.			
	CO5	Came to know that the resemblance and evolutionary significance of larval forms of echinoderms.			

Course	Course Outcome	PSO	CI	KC	
ZOL 202 Genetics I	CO1	Understood the theories of classical genetics and blood group inheritance in man			
	CO2	Described the genetic variation through linkage and crossing over, chromosomal aberrations and sex determination.			
	CO3	Understood the genetic defects and inborn errors of metabolism and genetic counselling and role of inbreeding and outbreeding.			
	CO4	Understood the molecular structure of genetic materials and understood the mechanism of gene expression and regulation character formation.			

Course Outcome (CO) for B. Sc. II

Course	Course Outcome	PSO	CI	KC	
ZOL 301	CO1	Identified the taxonomic status of the entire chordates and discussed the evolutionary model of the group.			
	CO2	Imparted the knowledge on ecology of some important fishes, amphibians reptiles, birds and mammals.			

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B.Sc. Geology

Course specific out come

B. Sc. I year- Semester I



Paper I. Mineralogy and Crystallography

The purpose of this subject is to familiarize the student with those concepts that are basic to minerals and crystals. Students acquire a good understanding of all the concepts of geology related to minerals and crystals. Students get to describe the different physical properties for identifying minerals megascopically and to study normal class belonging to seven crystal systems.

B. Sc. I year- Semester I

Paper II. General Geology and Structural Geology

This subject accumulates events that the Earth has witnessed for more than 4.5 billion years, like the formation of the mineral resources (the back bone of modern society), the origin and evolution of the life, the evolution of atmosphere, and causes of disappearance of so many great organisms from the earth as a function of the varying environment. This time-span of million years and associated events and their causes and consequences are preserved on the earth as the pages in a book. In this subject, from general introduction of geology upto Natural disasters like volcanoes and Earthquake studies are included. In structural geology, different structures showing rocks were studied. This subject creates a basic mind set in the students about all the basic condition of mother earth and its formation with all the related details.

B. Sc. I year- Semester II

Paper IV. Petrology

Various rocks and types are identified and studied. Students get complete awareness of the various rocks which are Igneous rocks, Metamorphic rocks and Sedimentary rocks which are the base of Geology subject. Classification, forms, textures and the structures of the rocks are studied in details. Students get the basic and complete detailed knowledge of the subject.

B. Sc. I year- Semester II

Paper V. Palaeontology & Stratigraphy

This subject is divided into two parts where first part i.e. Palaeontology deals with the study of various phyla such as Mollusca, Brachiopoda and Echinodermata. The phyla are studied with their detailed classes. The other part i.e. Stratigraphy deals with the study of the principles, Physiographical divisions of India, Time scale, code and various units. Simultaneously the Geology of Maharashtra is also studied. Hence students get the complete information and knowledge of the past of the place where they study and belong to.

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B.Sc. II year- Semester III



Paper VII. Physical Mineralogy & Igneous Petrology.

The subject is divided in two parts first part i.e. Physical Mineralogy deals with the various 7 families of the minerals such as Silicates, Pyroxenes, Amphiboles, etc in details. Though this the students get to know the various minerals and also the secondary minerals in basalt along with the precious and semi precious stones in details. The second part i.e. the Igneous petrology deals with the physiochemical constitution of magma with its crystallization, structures and microstructures. Hence students get the detailed knowledge of the subject which helps them for their future exam preparation.

B.Sc. II year- Semester III

Paper VIII. Crystallography And Optical Mineralogy

This subject deals in parts of Crystallography which in details says about the classes of crystals such as Hemihedral System i.e. cubic and hexagonal System. Also it deals with the crystal in detail telling the types and study of crystals in detail. The second part i.e. optical mineralogy deals with the nature of light, properties of optics such as extinction, Pleochroism, twinning etc. these minerals are studied with their optical properties. The minerals cannot be distinguished till the minerals are not studied optically hence these subjects are very important through the knowledge point of view.

B.Sc. II year- Semester IV

Paper XI. Sedimentary and Metamorphic Petrology.

The first part deals with the Sedimentary rocks, their types, composition, formation. Lithification and Diagenesis, Classification of the rocks, study of the structures, roundness, sphericity of the rocks. The structures and textures found in the sedimentary rocks. The second part deals with metamorphic rocks, their formation, metamorphosis, metasomatism etc. it also includes metamorphism along with its types. This subject makes us aware of the various rocks and types of metamorphic and sedimentary rocks along with the details.

B.Sc. II year- Semester IV

Paper XII. Structural Geology & Palaeontology.

This subject is divided into two parts where first part i.e. Structural Geology which deals with the various structures such as planar, linear and all other outlier, inlier, folds, faults, joints, and unconformity. The second subject deals with Palaeontology that includes plant fossils, index fossils, zonal guide fossils and morphology of various trilobites and other fossils. Micropaleontology and its application in stratigraphy is also studied in detail.

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Rajeshi Shahu Arts, Commerce & Science
College Patil, Tq. Patilnagar,
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Course Outcomes (COs)
Department of Computer Science

Computer Fundamental Course code: CSO1

- CO1:** To make the students familiar with computer environment.
- CO2:** To familiarize with the basics of Operating System and business communication tools
- CO3:** To identify parts of a computer system.
- CO4:** To explain adequately the functioning of computer components.
- CO5:** To understand problem solving using computers.
- CO6:** To design an algorithmic solution for a given problem.

Digital Electronics: Course code: CSO2

- CO1:** To familiarize with basic concepts of digital electronics.
- CO2:** To learn number systems and their representation.
- CO3:** To understand the basic logic gates, Boolean algebra and K-maps.
- CO4:** To study arithmetic circuits, combinational circuits and sequential circuits.
- CO5:** Study comparative aspects of logic families.

Operating System (CSO4)

- CO1:** To understand structures, functions and history of operating systems
- CO2:** To understand designs and issues associated with operating systems.
- CO3:** To understand process management concepts including scheduling, Synchronization, and deadlocks.
- CO4:** To familiarize learners with multi-threading.

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PRINCIPAL

Nefarshi Shiksha Sangh, Comm. & Science
Sodaga Road, To. Halmabad,
Dist. Aurangabad, (M.S.) INDIA - 431011



CO5: To study master concepts of memory management including virtual memory.

CO6: To understand master system resources sharing among the users.

CO7: To understand issues related with system interface, implementation, and disk management.

CO8: To familiarize with protection and security mechanisms.

Programming in C (CS05):

CO1: To understand a programming language.

CO2: To apply problem solving techniques.

CO3: To enable learners to write programs in C-programming and to solve problems.

CO4: To read, understand and trace the execution of programs written in C language.

CO5: to write the C code for a given algorithm.

CO6: To implement programs with arrays and functions.

Course code: CS07: Advance C-Programming.

CO1: To create user defined functions for specific task in C language.

CO2: To understand the functions, types and working in C programming.

CO3: To understand use of user defined data types such as structures & unions.

CO4: Students will be able to deal with memory using pointers.

CO5: To understand library functions and storage classes in C language.

CO6: To learn pre-processor directives and operators in C language.

CO7: To study files stored on computer memory using file handling.

Course code: CS08 - Data Structure:

CO1: Student will be able to choose appropriate data structure as applied to specified problem definition.

CO2: Student will be able to handle operations like searching, insertion, deletion and traversing mechanism on various data structures.

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CO3: Students will be able to apply concepts learned in various domains like DBMS, compiler construction etc.

CO4: Students will be able to use linear and non-linear data structures like stacks, queues, linked list etc.

Course Code: CS011 - Programming in CPP:

CO1: To understand basic object oriented concepts & issues involved in effective class design.

CO2: To write C++ programs involving the use of object oriented concepts such as information hiding, constructors, destructors, inheritance etc.

Course Code: CS012 - DBMS Using SQL:

CO1: Understanding the database system basic concepts, architecture, features, purpose, and advantage of DBMS.

CO2: Learning about the components of a DBMS: Users, facilities & structure.

CO3: Learning about data modeling & design.

CO4: Learning about entity-relationship and data model.

CO5: Understanding the basics of relational model, normalization, relational algebra.

CO6: Introduction to Oracle.

CO7: Student will be able to deal with database system using SQL to manipulate data.

CO8: Understanding of physical storage of data.

CO9: Learning architecture of database system.

CO10: Learning about transaction processing and concurrency control.

CS015- Software Engineering:

CO1: To manage selection and initiation of individual projects and of portfolios of

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projects in enterprise.

CO2: To conduct project planning activities that accurately forecast project costs, timelines, and quality.

CO3: To implement processes for successful resource, communication, risk and change management.

CO4: To demonstrate effective project execution and control techniques that result in successful projects.

CO5: To conduct project closure activities and obtain formal project acceptance.

CO6: To demonstrate a strong working knowledge of ethics and professional responsibility.

CO7: To demonstrate effective organizational leadership and change skills for managing projects, project teams, and stakeholders.

CSO16-VB .Net:

CO1: To understand the structure and model of programming language VB .Net

CO2: To use the programming language VB.Net for programming technologies.

CO3: To develop software in VB.Net.

CO4: To evaluate user requirements for software functionality required to decide whether the programming language VB .Net can meet user requirements.

CO5: To solve the given problem by applying technologies using implementation of VB.Net programming language.

CO6: To choose an engineering approach for solving problems, starting from acquired knowledge of programming and operating systems.

CSO19 -Data Communication and Networking:

CO1: Understand types of networks, technologies and application of networks.



CO2: Understand types of addresses and data communication.

CO3: Understand the concept of networking models, protocols and functionality of each layer.

CO4: Learn basic networking hardware and tools.

CO5: Understand wired and wireless networks, its types, functionality of layer.

CSO20- Ethics and Cyber Law:

CO1: To describe laws governing cyberspace and analyze the role of internet governance in framing policies for internet security.

CO2: To discuss different types of cybercrimes and analyze legal frameworks of different countries to deal with these cybercrimes.

CO3: To explain the importance of jurisdictional boundaries and identify the measures to overcome cross jurisdictional cyber-crimes.

CO4: To illustrate the importance of ethics in legal profession and determine the appropriate ethical and legal behavior according to legal frameworks.

CO5: To identify intellectual property right issues in cyberspace and design strategies to protect intellectual property.

CO6: To assess legal issues with online trading, analyze applicable e-contracting and taxation regulations.

CO7: To create security policy to comply with laws governing privacy and develop policies to ensure secure communication.

Jadhav

PRINCIPAL
Pajarehri Shani Arts, Comm. & Science
College Paluri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA.- 431111



Course Outcomes (COs)
Department of Marathi

Sr. No.	Course	Course Objective	Course Outcome
1.	B.A., B.sc, B.com. F.Y. (SL) भारतीय भाषा - मराठी भाग - १, २ (मायवोली)	१. मराठीतील वैविध्यपूर्ण सृजनाविष्काराचा आस्वाद घेण्याची अभिरुची निर्माण करून कलाकृतीतील सौंदर्यस्थळांचा शोध घेण्याची वृत्ती वाढीस लावणे. २. विद्यार्थ्यांमध्ये नीतीमूल्यांचे व वैज्ञानिक जाणिवेचे संस्करण करणे. ३. राष्ट्रीय एकात्मता व बंधुभाव वाढीस लागण्यास मदत करणे. ४. उपयोजित मराठी माध्यमातून रोजगाराभिमुख शिक्षण देऊन व्यावसायिक वृत्ती वाढविणे व स्वावलंबी बनण्यास मदत करणे. ५. भाषिक लेखनाचा स्तर उंचावण्यास मदत करणे. ६. निवडक गद्य व काव्याच्या अनुषंगाने मराठी साहित्यातील विविध प्रवाहंचा परिचय करून देणे. ७. सृजनासाठी विद्यार्थ्यांना उद्बुक्त करणे.	१. मराठीतील वैविध्यपूर्ण सृजनाविष्काराचा आस्वाद घेण्याची अभिरुची निर्माण करून कलाकृतीतील सौंदर्यस्थळांचा शोध घेण्याची वृत्ती वाढीस लागते. २. विद्यार्थ्यांमध्ये नीतीमूल्यांचे व वैज्ञानिक जाणिवेचे संस्करण केले जाते. ३. राष्ट्रीय एकात्मता व बंधुभाव वाढीस लागण्यास मदत होते. ४. उपयोजित मराठी माध्यमातून रोजगाराभिमुख शिक्षण देऊन व्यावसायिकवृत्ती वाढविणे व स्वावलंबी बनण्यास मदत केली जाते. ५. भाषिक लेखनाचा स्तर उंचावण्यास मदत होते. ६. निवडक गद्य व काव्याच्या अनुषंगाने मराठी साहित्यातील विविध प्रवाहंचा परिचय होण्यास मदत होते. ७. सृजनासाठी विद्यार्थी उद्युक्त होतात.
2.	[अ] निवडक अभंग (अभंग अविष्कार) नियमित	१. संतसाहित्याचा आणि त्या प्रवाहाचा परिचय करून देणे. २. अभंग प्रकारचे स्वरूप विशेष (फॉर्म) लक्षात आणून देणे. ३. निवडक अभंग रचनेतील आशय व अभिव्यक्ती समजून सांगतानाचा अभंगातील मूल्याविचार उलघडून दाखवणे. ४. संतांच्या अभंग रचनेतील पृथगात्मता व साम्य स्थळांचा उलगडा करणे. ५. आजच्या काळात अभंगाची उपुक्तता सांगतानाच अभंगाचे अक्षरत्व व कालातीतता सिद्ध करणे.	१. संतसाहित्याचा आणि त्या प्रवाहाचा परिचय होतो. २. अभंग प्रकारचे स्वरूप विशेष (फॉर्म) लक्षात येते. ३. निवडक अभंग रचनेतील आशय व अभिव्यक्ती समजून सांगतानाचा अभंगातील मूल्याविचार समजून येतो. ४. संतांच्या अभंग रचनेतील पृथगात्मता व साम्यस्थळांचा उलगडा होतो. ५. आजच्या काळात अभंगाची उपुक्तता सांगतानाच अभंगाचे अक्षरत्व व कालातीतता सिद्ध होते.
	[ब] साहित्याचे विशेष अध्ययन : चरित्र-आत्मचरित्र पर्यायी	१. चरित्र- आत्मचरित्रप्रकारचे स्वरूप-विशेषांची माहिती देणे. २. चरित्र- आत्मचरित्र परंपरा व प्रकारचा परिचय करून देणे.	१. चरित्र- आत्मचरित्रप्रकारचे स्वरूप-विशेषांची माहिती होते. २. चरित्र- आत्मचरित्र परंपरा व प्रकारचा परिचय होतो.



		<p>३. निवडक चरित्र- आत्मचरित्राच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय करून देत मूल्यांचे संस्करण करणे.</p> <p>४. निवडक चरित्र-आत्मचरित्राच्या माध्यमातून विद्यार्थ्यांच्या आकलन व आस्वादात्मक वाढीस चालना देणे.</p> <p>५. वाङ्मयीन अभिरुची वाढीस लावून विद्यार्थ्यांना चरित्र- आत्मचरित्र सृजनाविष्कारास उद्दत्त करणे.</p> <p>६. चरित्र-आत्मचरित्र लेखनातील वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात आणून देणे.</p> <p>७. चरित्र- आत्मचरित्राच्या अनुषंगाने समकालीन जाणीवा व सामाजिक स्थिती जाणून घेण्यास मदत करणे.</p>	<p>३. निवडक चरित्र- आत्मचरित्राच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय करून देत मूल्यांचे संस्करण केले जाते.</p> <p>४. निवडक चरित्र-आत्मचरित्राच्या माध्यमातून विद्यार्थ्यांच्या आकलन अनुषंगाने व आस्वादात्मक वाढीस चालना मिळते.</p> <p>५. वाङ्मयीन अभिरुची वाढीस लावून विद्यार्थी चरित्र-आत्मचरित्र सृजनाविष्कारास उद्दत्त होतो.</p> <p>६. चरित्र- आत्मचरित्र लेखनातील वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात येतात.</p> <p>७. चरित्र- आत्मचरित्राच्या अनुषंगाने समकालीन जाणीवा व सामाजिक स्थिती जाणून घेण्यास मदत होते.</p>
3.	[अ] निवडक कथा (कथार्थ) नियमित	<p>१. कथा वाङ्मय प्रकारचे स्वरूप - विशेष व प्रेरणा यांची माहिती देणे.</p> <p>२. कथा वाङ्मयाची परंपरा, विविध प्रवाह, प्रकारचा परिचय करून देणे.</p> <p>३. निवडक कथांचा माध्यमातून विद्यार्थ्यांच्या आकलन व आस्वादात्मक वाढीला चालना देणे.</p> <p>४. निवडक कथांच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय देऊन मूल्यांचे संस्करण करणे.</p> <p>५. वाङ्मयीन अभिरुची वाढीस लावून विद्यार्थ्यांना कथात्म सृजनाविकास उद्दत्त करणे.</p> <p>६. कथेची वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात आणून देणे.</p> <p>७. कथेच्या अनुषंगाने समकालीन जाणीवा व तत्कालीन सामाजिक स्थिती समजून घेण्यास मदत करणे.</p>	<p>१. कथा वाङ्मय प्रकारचे स्वरूप - विशेष व प्रेरणा यांची माहिती होणे.</p> <p>२. कथा वाङ्मयाची परंपरा, विविध प्रवाह, प्रकारचा परिचय होतो.</p> <p>३. निवडक कथांचा माध्यमातून विद्यार्थ्यांच्या आकलन व आस्वादात्मक वाढीला चालना मिळते.</p> <p>४. निवडक कथांच्या आधारे विद्यार्थ्यांना कलामूल्ये व जीवनमूल्ये यांचा परिचय देऊन मूल्यांचे संस्करण होण्यास मदत होते.</p> <p>५. वाङ्मयीन अभिरुची वाढीस लावून विद्यार्थ्यांना कथात्म सृजनाविकासास उद्दत्त केले जाते.</p> <p>६. कथेची वाङ्मयीन मूल्ये व भाषिक रूपे लक्षात आणून दिले जाते.</p> <p>७. कथेच्या अनुषंगाने समकालीन जाणीवा व तत्कालीन सामाजिक स्थिती समजून घेण्यास मदत होते.</p>
	[ब] साहित्याचे विशेष अध्ययन : प्रवासवर्णन पर्यायी	<p>१. प्रवासवर्णनयावाङ्मय प्रकारची माहिती देणे.</p> <p>२. लेखकाच्या काळातील स्पंदने व कलावंताची संवेदनशीलता उलघडून दाखवणे.</p> <p>३. प्रवासवर्णनयावाङ्मय प्रकारच्या आकलन व आस्वादाची क्षमता वाढीला लावणे. तसेच रसिक, वाचक निर्माण करणे.</p> <p>४. प्रवासवर्णनाच्या माध्यमातून</p>	<p>१. प्रवासवर्णनयावाङ्मय प्रकारची माहिती होणे.</p> <p>२. लेखकाच्या काळातील स्पंदने व कलावंताची संवेदनशीलता उलघडून दाखवली जाते.</p> <p>३. प्रवासवर्णनयावाङ्मय प्रकारच्या आकलन व आस्वादाची क्षमता वाढीला लावणे. तसेच रसिक, वाचक निर्माण होतो.</p> <p>४. प्रवासवर्णनाच्या माध्यमातून सामाजिक</p>

Jadhav's



		सामाजिक वाङ्मयकीची मूल्ये रुजविणे. ५. प्रवासवर्णनातील आशय व अभिव्यक्तीचे स्वरूप न्याहाळणे.	वाङ्मयकीची मूल्ये रुजतात. ५. प्रवासवर्णनातील आशय व अभिव्यक्तीचे स्वरूप न्याहाळले जाते.
4.	[अ] निवडक ललित गद्य (ललित गद्य) नियमित	ललित गद्याचे स्वरूप विशेष व परंपरा यावर प्रकाश टाकणे. २. इतर वाद्याय प्रकारपेक्षा ललित गद्याचे वेगळेपण उलघडून दाखवणे. ३. ललित लेखकाच्या तरल, संवेदनशील, विचारशील, प्रवृत्तीचा शोध व त्या लेखनास झालेले स्पर्श आणि त्यातून निर्माण झालेले सौंदर्य याचा शोध घेणे. ४. निवडक लेखकाच्या ललित लेखांची भिन्न प्रकृती व त्यातील साम्यता यांचा उलगडा करणे. ५. ललित लेखांच्या अंगाने जाणाऱ्या विविध लेखांचा परिचय करून देवून विद्यार्थ्यांना ललित लेखनाच्या सर्जनशीलतेसाठी उद्युक्त करणे.	१. ललित गद्याचे स्वरूप विशेष व परंपरा यावर प्रकाश पडतो. २. इतर वाद्याय प्रकारपेक्षा ललित गद्याचे वेगळेपण उलघडून येते. ३. ललित लेखकाच्या तरल, संवेदनशील, विचारशील, प्रवृत्तीचा शोध व त्या लेखनास झालेले स्पर्श आणि त्यातून निर्माण झालेले सौंदर्य याचा शोध घेतला जातो. ४. निवडक लेखकाच्या ललित लेखांची भिन्न प्रकृती व त्यातील साम्यता यांचा उलगडा होतो. ५. ललित लेखांच्या अंगाने जाणाऱ्या विविध लेखांचा परिचय करून देवून विद्यार्थ्यांना ललित लेखनाच्या सर्जनशीलतेसाठी उद्युक्त केले जाते.
	[ब] साहित्याचे विशेष अध्ययन : विज्ञानकथा पर्यायी	१. विज्ञानकथा स्वरूप वैशिष्ट्ये लक्षात आणून देणे. २. विद्यार्थ्यांमध्ये वैज्ञानिक जाणीवा निर्माण करणे. ३. विज्ञान कथेच्या माध्यमातून काल्पनिकता आणि वैज्ञानिकता यातील फरक लक्षात आणून देणे. ४. विज्ञानकथेचे आकलन व आस्वादाची क्षमता वाढीला लावणे. तसेच एक रसिक वाचक निर्माण करणे.	१. विज्ञानकथा स्वरूप वैशिष्ट्ये लक्षात येतात. २. विद्यार्थ्यांमध्ये वैज्ञानिक जाणीवा निर्माण केल्या जातात. ३. विज्ञान कथेच्या माध्यमातून काल्पनिकता आणि वैज्ञानिकता यातील फरक लक्षात येतात देणे. ४. विज्ञानकथेचे आकलन व आस्वादाची क्षमता वाढीला लावते. तसेच अनेक रसिक वाचक निर्माण होतात.
5.	[अ] निवडक मराठी कविता (आधुनिक) नियमित	१. कविता वाङ्मयप्रकारची माहिती करून देणे. २. कवितेच्या माध्यमातून कवितेच्या काळातील स्पंदने व कलावंताची संवेदनशीलता उलगडून दाखवणे. ३. मूल्याधारित कवितेच्या माध्यमातून सामाजिक वाङ्मयकीची मूल्ये रुजविणे. ४. कविता वाङ्मय प्रकारच्या आकलन व आस्वादाची क्षमता वाढविणे. तसेच एक रसिक वाचक निर्माण करणे. ५. काव्याचे प्रवाह, प्रवृत्ती, अभिव्यक्ती यांचा परिचय करून देणे. ६. निवडक कवींच्या कवितेतील आशय व अभिव्यक्ती यांचे स्वरूप न्याहाळणे.	१. कविता वाङ्मयप्रकारची माहिती होते. २. कवितेच्या माध्यमातून कवितेच्या काळातील स्पंदने व कलावंताची संवेदनशीलता दिवून येते. ३. मूल्याधारित कवितेच्या माध्यमातून सामाजिक वाङ्मयकीची मूल्ये रुजविली जातात. ४. कविता वाङ्मय प्रकारच्या आकलन व आस्वादाची क्षमता वाढते. तसेच एक रसिक वाचक निर्माण होतात. ५. काव्याचे प्रवाह, प्रवृत्ती, अभिव्यक्ती यांचा परिचय करून देणे. ६. निवडक कवींच्या कवितेतील आशय व अभिव्यक्ती यांचे स्वरूप स्पष्ट होते.
	[ब] साहित्याचे विशेष	बालसाहित्याचे स्वरूप व वैशिष्ट्ये लक्षात	बालसाहित्याचे स्वरूप व वैशिष्ट्ये लक्षात

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अध्ययन: बालसाहित्य पर्वारी	आचून देणे. २. बालसाहित्याविषयी विद्यार्थ्यांमध्ये गोडी निर्माण करणे. ३. बालसाहित्य आकलन व आस्वादाची क्षमता वाढीस लागणे. ४. बालसाहित्याच्या माध्यमातून बालसाहित्य सर्जनाविष्कारास उद्युक्त करणे.	येतात. २. बालसाहित्याविषयी विद्यार्थ्यांमध्ये गोडी निर्माण होते. ३. बालसाहित्य आकलन व आस्वादाची क्षमता वाढीस लागते. ४. बालसाहित्याच्या माध्यमातून बालसाहित्य सर्जनाविष्कारास उद्युक्त होतात.	
Course Outcomes			
2.	B.A., B. Sc., B.Com. F.Y. (S.L.) इष्ट पद्य व उपयोजित मराठी	१. इष्टाच्या माध्यमातून सामाजि मूल्य रूजवो २. तत् लिन समाजजीवनावर प्र श टा ओ ३. भाषि शैल्ये आत्मसात रो ४. पद्याचे स्वरूप समजून घेो ५. ले ान शैल्याचा वापर रो	१. इष्टाच्या माध्यमातून सामाजि मूल्य रूजवले जातात २. तत् लिन समाजजीवनावर प्र श टा ला जातो ३. भाषि शैल्ये आत्मसात लेी जातात ४. पद्याचे स्वरूप समजून घेतले जाते ५. ले ान शैल्याचा वापर लेा जातो
	B.A., B.Sc. S.Y. (S.L.) इष्ट पद्य व उपयोजित मराठी	१. साहित्यातील विविध प्रवाह आि प्र ार ल ात आ नून देो २. साहित्याचा आस्वाद घे याची ामता वि सित रो ३. प्रसार माध्यमांची ओळ ा रून देो ४. माहिती तंत्रज्ञानाचा परिचय रून देो	१. साहित्यातील विविध प्रवाह आि प्र ार ल ात आ नून दिले जातात २. साहित्याचा आस्वाद घे याची ामता वि सित र यात येते ३. प्रसार माध्यमांची ओळ ा रून दिली जाते ४. माहिती तंत्रज्ञानाचा परिचय रून दे यात येतो
	B.Com.S.Y. (S.L.) वार्िा ज्य व्यवहार, व्यवसाय	१. वार्िा ज्य व्यवहारासाठी मराठी भाषेचे आ लन	१. वार्िा ज्य व्यवहारासाठी मराठी भाषेचे आ लन रून दिले जाते

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आणि मराठी भाषा	रून देणे २. भाषे शैल्ये आत्मसात करणे ३. वाचन संस्कृती वृद्धी करणे ४. व्यवसायात मराठी भाषेला स्थान मिळवून देणे	२. भाषे शैल्ये आत्मसात केली जातात ३. वाचन संस्कृती वृद्धी करणेत होते ४. व्यवसायात मराठी भाषेला स्थान मिळवून दिले जाते
B.A.F.Y. (Opt.) व्यात्म साहित्य, धात्म साहित्य	१. साहित्य प्रसाराची ओळख रून घेणे २. साहित्य प्रसाराच्या पुर्वपिठीवर प्रसाराचे ३. निवड घेण्या वितांचा परिचय रून देणे ४. निवड घेण्याचा परिचय रून देणे	१. साहित्य प्रसाराची ओळख रून दिली जाते २. साहित्य प्रसाराच्या पुर्वपिठीवर प्रसाराचे ३. निवड घेण्या वितांचा परिचय रून देण्यात येतो ४. निवड घेण्याचा परिचय रून दिला जातो
B.A.F.Y. (Opt.) नाट्यात्म साहित्य, मुद्रित माध्यमांसाठी लेखन शैल्ये	१. निवड नाट्यांचा परिचय रून देणे २. नाट्याच्या परंपरा, प्रेरणांचा शोध घेणे ३. वृत्तपत्रासाठी लेखन शैल्ये आत्मसात करणे ४. वृत्तपत्राचे स्वरूप समजून घेणे	१. निवड नाट्यांचा परिचय रून दिला जातो २. नाट्याच्या परंपरा, प्रेरणांचा शोध घेण्यात येतो ३. वृत्तपत्रासाठी लेखन शैल्ये आत्मसात केली जातात ४. वृत्तपत्राचे स्वरूप समजून घेतले जाते
B.A.S.Y. (Opt.) आधुनिक मराठी वाङ्मयाचा इतिहास (१८०० ते १९२०)	१. वाङ्मयीन इतिहासाचा सर्वांगीण अभ्यास करणे २. कालावधीची सामाजिक व सांस्कृतिक पार्श्वभूमी समजून घेणे ३. वाङ्मयप्रसाराचा इतिहास इतिहासाचा आढावा घेणे	१. वाङ्मयीन इतिहासाचा सर्वांगीण अभ्यास केला जातो २. कालावधीची सामाजिक व सांस्कृतिक पार्श्वभूमी समजून घेतली जाते ३. वाङ्मयप्रसाराचा इतिहास आढावा घेतला जातो

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B.A.S.Y. (Opt.) दृ -श्राव्य माध्यमांसाठी ले ले न शैल्ये, साहित्याचे प्र रांतर आि माध्यमांतर	१. दृ -श्राव्य माध्यमांसाठी ले ले न शैल्यांचा आभ्यास रो २. दृ -श्राव्य रूपात र्य, मांची ओळ । रून देो ३. साहित्याच्या प्र रांतराचे स्वरूप समजून घेो ४. साहित्याच्या माध्यमांतरावर प्र श टाो	१. दृ -श्राव्य माध्यमांसाठी ले ले न शैल्यांचा आभ्यास े ला जातो २. दृ -श्राव्य रूपात र्य, मांची ओळ । रून दे-यात येते ३. साहित्याच्या प्र रांतराचे स्वरूप समजून घेतले जाते ४. साहित्याच्या माध्यमांतरावर प्र श टा यात येतो
B.A.T.Y. (Opt.) भारतीय, पाश्चात्य साहित्यविचार	१. साहित्याचे स्वरूप समजून घेो २. साहित्याच्या प्रयोजनावर प्र श टाो ३. साहित्याची निर्मितीप्रि या समजून घेो ४. साहित्यातील रसविचाराचे आ लन रो	१. साहित्याचे स्वरूप समजून घेतले जाते २. साहित्याच्या प्रयोजनावर प्र श टा ला जातो ३. साहित्याची निर्मितीप्रि या समजून घे यात येते ४. साहित्यातील रसविचाराचे आ लन े ले जाते
B.A.T.Y. (Opt.) भाषाविज्ञान, व्या रा व निबंध	१. भाषेचे स्वरूप समजून घेो २. व र्नात्म भाषाविज्ञ ानाचा अभ्यास रो ३. मराठी व्या र तील सं ल्पना समजून घेो ४. निबंधाच्या स्वरूप व प्र राचा आढावा घेो	१. भाषेचे स्वरूप समजून घेतले जाते २. व र्नात्म भाषाविज्ञानाचा अभ्यास े ला जातो ३. मराठी व्या र तील सं ल्पना समजून घे यात येते ४. निबंधाच्या स्वरूप व प्र राचा आढावा घेतला जातो
B.A.T.Y. (Opt.) मध्ययु गिन मराठी वाङ्मयाचा इतिहास	१. मराठी भाषेच्या प्रारंभ ळाचा शोध घेो २. महानुभाव संप्रदायातील इध व पद्याचा आढावा घेो	१. मराठी भाषेच्या प्रारंभ ळाचा शोध घेतला जातो २. महानुभाव संप्रदायातील इध व पद्याचा आढावा घे यात येतो

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		३. वार री संप्रदाय व त्याच्या वाङ्मयीन ार्वावर प्र ाश टा ी ४. पंडिती वितेचे स्वरूप समजून घे ी ५. शाहिरांच्या पोवाडा व लाव यांचा अभ्यास र ी	३. वार री संप्रदाय व त्याच्या वाङ्मयीन ार्वावर प्र ाश टा ला जातो ४. पंडिती वितेचे स्वरूप समजून घे यात येते ५. शाहिरांच्या पोवाडा व लाव यांचा अभ्यास े ला जातो
B.A.T.Y. (Opt.) प्र ल्प ार्प		१. संशोधनात्म दृष्टीचा वि ास र ी २. साहित्याचे सं लन व मूल्यमापन र ी ३. संशोधनात्म ले ान ैशल्ये आत्मसात र ी ४. संदर्भ व साधनांचे उपयोजन र ी	१. संशोधनात्म दृष्टीचा वि ास होतो २. साहित्याचे सं लन व मूल्यमापन र यात येते ३. संशोधनात्म ले ान ैशल्ये आत्मसात होतात ४. संदर्भ व साधनांचे उपयोजन े ले जाते

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Programme Specific Outcomes (PSOs) - B.A. Marathi

Sr. no.	Programme Objective	Programme Objective	Programme Specific Outcome
1.	UG Marathi	१. भाषिककौशल्यविकसितकरणे. २. मराठीसाहित्याविषयीरुचीनिर्माणकरणे. ३. जीवनजाणीवाविकसितकरणे. ४. साहित्यनिर्मितीचेकौशल्यप्राप्त करणे. ५. साहित्यप्रकारचीमांडणीआत्मसातकरणे. ६. भाषेचे स्वरूप व कार्य समजून घेणे.	१. भाषिककौशल्यविकसितहोतात. २. मराठीसाहित्याविषयीरुचीनिर्माणहोते. ३. जीवनजाणीवाविकसितहोतात. ४. साहित्यनिर्मितीचेकौशल्यप्राप्त केले जातात. ५. साहित्यप्रकारचीमांडणीआत्मसातहोते. ६. भाषेचे स्वरूप व कार्य समजून घेतले जाते.

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Course Outcomes (COs)

Department of Hindi

बी.ए.

सामान्यहिंदी (SL-I & II) (बी.ए.बी.कॉम.बी.एस्सी.)

- CO1: साहित्य सुविधाओं का विकसित करना।
- CO2: हिंदी कहानी का सामान्य परिचय करना।
- CO3: कहानी का रसास्वाद एवं सृजन क्षमता का विकास करना।
- CO4: भाषा कौशल्य का विकास करना।
- CO5: हिंदी कविता का सामान्य परिचय करना।
- CO6: कविता का रसास्वादन क्षमता का विकास करना।

प्रश्नपत्र- I. हिंदी साहित्य का इतिहास (आदि तथा मध्यकाल) भाग 1

- CO1: साहित्य इतिहास लेखन तथा उसकी परंपरा का अध्ययन करना।
- CO2: साहित्य और युगबोध के संबंधों का अध्ययन करना।
- CO3: साहित्य अध्ययन की ऐतिहासिक दृष्टि का विकास छात्रों को करना।

प्रश्नपत्र- III. आधुनिक कविता

- CO1: साहित्य सुविधाओं का विकास करना
- CO2: हिंदी कविता का सामान्य परिचय करना
- CO3: कविता का रसास्वादन क्षमता का विकास करना
- CO4: भाषा कौशल का विकास करना

प्रश्नपत्र- II. कथा साहित्य

- CO1: साहित्य सुविधाओं का विकास करना
- CO2: हिंदी कहानी का सामान्य परिचय करना
- CO3: कहानी का रसास्वादन क्षमता का विकास करना

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CO4: भाषा कौशल का विकास कराना

प्रश्नपत्र- IV. मध्ययुगीन कविता

CO1: साहित्य सेवन का विकास कराना

CO2: हिंदी कविता का सामान्य परिचय कराना

CO3: कविता का रसास्वादन एवं सृजन क्षमता का विकास कराना

CO3: भाषा कौशल का विकास कराना

प्रश्नपत्र -3 सामान्यहिंदी (SL- III&IV) (बी .ए .बी .कॉम .बी .एस्सी .)

CO1: साहित्य आस्वादन अभिरुचिका परी संस्कार करना।

CO2: जीवन मूल्यों के प्रति आस्था निर्माण करना।

CO3: हिंदी के आधुनिक गद्य साहित्य की प्रतिनिधि रचनाओं का परिचय करना।

CO4: अत्याधुनिक इलेक्ट्रॉनिक माध्यमों का परिचय करना।

CO5:

व्यवहारिक प्रयोजन मूलक तथा संप्रेषण मूलक व्यवसायिक हिंदी भाषा से विद्यार्थी परिचित हो और रोजमर्रा की जिंदगी में अपनी मांगों को पूरा करने में सक्षमता पाए यह अपेक्षा भी इस पाठ्यक्रम में, कीर ही है।

CO6: पत्र लेखन के सारे प्रकार आवेदन पत्र बैंकिंग तथा सरकारी कार्यालयों की प्रयोजन मूलक भाषा से विद्यार्थी परिचित होता है।

CO7:

हिंदी साहित्य की कहानी, कविता, निबंध, जीवनी, डायरी आत्मकथा, रेखाचित्र, संस्मरण, यात्रा वृत्त, व्यंग, रिपोर्टाज, पत्र आदि विधाओं का परिचय भी विद्यार्थी कर चुके हैं जीवन मूल्य भाव भावनाओं से भी नाओं के परिचय के साथ आधुनिक साधनों का भाषाई प्रयोग के से करे इसका भी परिचय विद्यार्थी पाते हैं।

CO8:

रेडियो वार्तालेख समाचार लेखन मीडिया के विविध आयाम हिंदी भाषा की व्यवसायिक उपयोगिता बैंकों में हिंदी वैश्वीकरण के परिप्रेक्ष्य में हिंदी भाषा का महत्व उद्योग व्यापार में हिंदी के सहारे कैसे आर्थिक प्रगतिकर सकते हैं आदि बातों का परिचय करवाना।

प्रश्नपत्र -3 कथेत्तर गद्य साहित्य

CO1: कथेत्तर गद्य साहित्य पेपर खने का उद्देश्य यह ही है कि हिंदी के विद्यार्थी हिंदी साहित्य के, कथेत्तर विधाओं से परिचित हो।

CO2:

गद्य गौरव और गद्य प्रभाव के माध्यम से विद्यार्थी किता रेखाचित्र - लेख आदि विधाओं से भली, यात्रा वृत्त, आत्मकथा अंश, व्यंग, जीवनी पर लेख, संस्मरण, निबंध, भाति परिचित हो।



CO7: साहित्य का मूल्यांकन करने का नजरिया भी विकसित करना। साहित्य के अंगों पर प्रकाश डालने की दृष्टि का विकास करना।

प्रश्नपत्र -12 व 11

प्रकल्प कार्य

CO1: पठन पाठन लेखन कौशलों का विकास करना।

CO2: आलोचनात्मक क्षमता का विकास करना।

CO3: अनुसंधात्मक दृष्टि का विकास करना।

CO4: प्रकल्प प्रस्तुति का तकनीक से परिचित कराना।

प्रश्न पत्र - 13 मध्यकालीन काव्य

CO1: भारतीय भक्ति आंदोलन का अध्ययन करना।

CO2: रीतिकालीन संवेदनाओं का अध्ययन करना।

CO3: कविताओं के माध्यम से मध्यकालीन सांस्कृतिक संवेदना का अध्ययन करना।

CO4: भक्ति तथा रीतिकालीन पृष्ठभूमि और प्रवृत्तियों से विद्यार्थियों को परिचित कराना।

CO5: साहित्य का चिंतन आकलन और मूल्यांकन करना एक प्रकार की शास्त्रीय तकनीक है। इसी तकनीक का विकास करना इस पाठ्यक्रम का उद्देश्य है।

प्रश्न पत्र -14 आधुनिक हिंदी साहित्य का इतिहास

CO1: हिंदी साहित्य के आधुनिक काल का परिचय करना।

CO2: हिंदी साहित्य के आधुनिक काल की पृष्ठभूमि और प्रवृत्तियों पर प्रकाश डालना।

CO3: हिंदी साहित्य के आधुनिक काल में कविता और गद्य लेखन के विभिन्न प्रकारों का आकलन और मूल्यांकन।

CO4: भारतीय स्वतंत्रता संग्राम में हिंदी साहित्यकारों ने कौन सी भूमिका निभाई और देशभक्ति से प्रेरित होकर कितना साहित्य लिखा इसका मूल्यांकन करना।

CO5: हिंदी साहित्य के सामाजिक और आधुनिक पहलुओं पर प्रकाश डालना।

प्रश्न पत्र -15 साहित्य शास्त्र

CO5: साहित्य चिंतन परंपरा का अध्ययन करना।

CO5: साहित्यालोचन क्षमता का परिचय कराना।

CO5: साहित्य सृजन के संस्कार करना।

CO5: साहित्य के रस, अलंकार, छंद, विविध विधाओं स्वरूप, आलोचना आदि अंगों का परिचय छात्रों को करवाना।

Jadhav

प्राचार्य

**राजर्षी शाहू कला, शक्तिज्य व विज्ञान
पदाविद्यालय पाद्री ता. फूलव्री**



Programme Specific Outcome: B. A. Hindi

PSO1: बी.ए. हिंदी एक परंपरागत उपाधि है। हिंदी भाषा में उपाधि स्तर की पढ़ाई के बाद विद्यार्थियों के लिए रोजगार के कई अवसर प्राप्त होते हैं। (BL6)

PSO2: यह परंपरागत को कोर्स मानवीय मूल्यों, संवेदनाएं, इंसानियत, जीवन मूल्य, देशभक्ति, सांस्कृतिक पृष्ठभूमि, संस्कार आदि आयामों को लेकर भी विद्यार्थियों को ताकतवर बनाता है। (BL6)

PSO3: लेखक और कवियों द्वारा लिखे गए विविध विधाओं के पाठ विद्यार्थियों के स्तर, उम्र और मानसिक विकास को ध्यान में रखकर रखे जाते हैं। इन पाठों का उद्देश्य भारत का भविष्य उज्ज्वल और तजोमय हो ऐसी अपेक्षा होती है। (BL3)

PSO4: समाचार लेखन, रेडियो वार्ता लेखन, विज्ञापन लेखन, प्रयोजनमूलक हिंदी, संप्रेषणमुक्त हिंदी, अनुवाद, मीडिया लेखन, हिंदी में कंप्यूटर का ज्ञान, अशुद्धि शोधन आदी पाठों से जुड़ा पाठ्यक्रम रोजगार तथा हिंदी भाषा की व्यावसायिक व्यावहारिक और व्यापारिक सफलता को उजागर कर देता है। (BL6)

PSO5: बी. ए. हिंदी की उपाधि प्राप्ति के बाद कई विद्यार्थी इन कोर्सों में आगे की पढ़ाई के लिए जा चुके हैं। पत्रकारिता, अनुवाद, उद्योग और व्यापार, बैंक आदि क्षेत्रों में काम कर रहे हैं और जिम्मेदार भारतीय नागरिक होने के नाते अपना योगदान दे रहे हैं। (BL6)

PSO6: हिंदी साहित्य, समीक्षा, प्रादेशिक भाषा साहित्य तथा व्यावसायिक प्रयोजनमूलक हिंदी के पाठों को पढ़कर निपुण बना विद्यार्थी M.A., B.Ed., M.Phil., Ph.D., पत्रकारिता, अनुवाद जैसे कई क्षेत्रों में अपनी पढ़ाई आगे जारी रखता है। (BL6)

PSO7: संपूर्ण पढ़ाई के बाद उसके रोजगार के अवसर और उसमें सफल होने का प्रतिशत भी बढ़ जाता है। अर्थात् बी. ए. हिंदी की उपाधि पाने के बाद परिपूर्ण बना विद्यार्थी एक जिम्मेदार इंसान बनकर अपने घर, गांव और देश के लिए योगदान दे रहा है। (BL6)

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Tajarahi Shahu Arts, Commerce & Science
College Pethri, Tq. Phulambri,
Aurangabad, (M.S.) INDIA. - 431111



Course Outcomes

Department of English

B. A. Optional English Paper I/II, III/IV: Forms of Literature

- CO1: To make the students aware of basic concepts of literature;
- CO2: To make them aware of forms of literature;
- CO3: To help the students develop their taste for literature and its judgment;

B.A.Optional English Paper V/VI, VII/VIII Literature in English

- CO1: To make the students aware of literature in English;
- CO2: To make them aware of diverse cultures presented in literature;
- CO3: To help the students develop their ability to compare different literary worlds

B.A. III Optional English

- CO1: To introduce students to modern English Literature
- CO2: To familiarize students with literary terms and introduce them with various literary evaluations.
- CO3: To help learner to approach and appreciate Indian literature in English and make them see its place among world literature in English
- CO4: American literature and its diverse cultures reflected in writing.
- CO5: To make students able to understand the background of English literature
- CO6: To understand how literature of modern period relates to the important trends of the period.
- CO7: To make the students aware of the fact that all readers are critics and introduce them to basic texts in criticism while developing critical thinking in them.
- CO8: To introduce students to the thematic concerns, genres and trends of both Indian writing in English and American literature



Paper IX & XIII: Twentieth Century English Literature Semester V

Contents: Unit One:

Poetry

On successful completion of the course, the student will be able to:

CO1: Understand how the literature of modern period relates to the important trends of 20th century.

CO2: Appreciate poem by T.S. Eliot and W.B. Yeats.

CO3: Comment on the themes of Osborne and G.B. Shaw plays.

CO4: Understand Character setting in the novel of Kingsley Amiss and D.H. Lawrence

Paper X & XVI: Introduction to Literary Criticism and Terms Semester

On successful completion of the course, students will be able to....

CO1: Identify and discuss classical Greek critics of literature.

CO2: Provide a brief overview of major critical theories by critics like Aristotle, Sir Philip Sidney,

William Wordsworth and F.R. Levis

CO3: Learn the terms related to various genres of literature

CO4: cultivate an understanding of major critical and interpretive methods.

Paper XI & XV: Indian Writing in English

After studying the course, the learners will be able to.....

CO1: To understand nineteenth Century Reform – Movements in India; the Indian National Movement; Rise of the Indian Novel and Caste-Class.

CO2: To become aware of social, political, and cultural issues reflected in Indian Writing in

English, with reference to Indian social reformations, freedom struggle, women education and empowerment in nineteenth century.



CO3: To appreciate artistic and innovative use of language employed by writers to install values

and develop human concern through literary texts.

CO4: To familiarize students with emergence and growth of Indian Writing in English in the context of colonial experience.

CO5: To discuss issues concerning Indian Writing in English such as representation of culture, identity, history, constructions of nation, (post) national and gender politics, cross-cultural transformations.

Semester V Poetry:

On successful completion of the course, the students will be able to....

CO1: Understand background of Indian English literature and its development

CO2: Understand evaluate theme, plot, the plays of Girish Karnad and Vijay Tendulkar.

CO3: Appreciate the theme, setting, characters in the novels of Raja Rao and U.R. Anantha Murthy.

Paper XII & XVI: Project Work on History of English Literature

CO1: English literature and empower learners on its development.

CO2: To understand different aspects of research methodology.

CO3: To write research papers.

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Rajarsi Shahu Arts, Comm & Soc Sci
College Pathri, Tq. Phulambri,
Dist. Solapur, (M.S.) INDIA. - 431111



Program Specific Outcome: B. A. English

After completion of the B.A. English, students will be able to.....

- PSO01: Analyze the structure of English phonology.
- PSO02: Speak English in an accent that is understood by a majority of English speakers in Europe.
- PSO03: Understand the basic principles of phonetics and phonology.
- PSO04: Recognize and use of standard descriptive terminology for phonetics and English phonology
- PSO05: Identify and describe some non-standard varieties of spoken English.
- PSO06: Know the International Phonetic Alphabet.
- PSO07: Understand and evaluate speech mechanism, classification of sounds, description of consonants and vowels, word accent, intonation and phonetic transcription.

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Mira Sadhana Shiksha Prasarak Mandali
Rajawade Shahu Arts, Comm &
College Peth, Tq. Peth
Aurangabad (M.S.) 431001



Course Outcomes (COs)

Department of History

B.A. History

Shivaji and His Times (1630-1818)

CO1: To introduce learner about the innovative study technique in the field of History of Marathas.

CO2: To provide value based conceptual and thought provocative.

CO3: To provide insights into the Mughal rulers and the Maratha Empire.

CO4: To introduce international elements in the study of Marathas to facilitate Comparative analysis of the history.

CO5: To highlight the importance of past in exploration of present context.

CO6: To understand the socio-economic, cultural and political background of 17th century of Maharashtra.

CO7: To provide spirit of healthy Nationalism & Secularism among the learners.

History of Modern Maharashtra (1818-1960)

CO1: To familiarize students to the study of Maharashtra.

CO2: To acquaint learners with the basic understanding of developmental stage of Maharashtra.

CO3: To impart high quality education to the students with reference to Maharashtra.

CO4: To prepare the students for a variety of challenging careers through innovation in teaching and research.

CO5: To develop comprehensive understanding of interdisciplinary issues of the society.

History of Early India (upto B.C.300)

CO1: To understand the ancient Indian history.

CO2: To understand the nature of races and tribes in term of early India.

Dr



CO3: To evaluate Hinduism, Jainism, and Buddhism in ancient times.

CO4: To understand the nature of past and obstacles that impedes India's progress a nation.

History General Paper-VIII History of Mughal India(A.D.1526-A.D.1757)

CO1: To understand the Mughal contribution to the Indian history.

CO2: To know the Mughal period.

CO3: To study Persian art and culture amalgamated with native Indian art and culture.

CO4: To study the political unity provide by the Mughal rulers.

History General Paper-IX Historiography

CO1: To understand and evaluate the development of history as a discipline.

CO2: To understand writing of historical accounts.

CO3: To highlight the significance of thinking "historiographically".

CO4: To provide new angle store search and interpretations.

History General Paper-X History of Indian national Movement (A.D.1885-A.D.1947)

CO1: To provide a comprehensive understanding of the transformations in the economy of colonial India.

CO2: To introduce land and agrarian policies under the British rule.

CO3: To develop nationalism in learner's mind.

CO4: To understand the British economic policy and India volts.

CO5: To understand the British parliamentary acts that led to the foundation for the Indian constitution.

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Rajarshi Shahu Arts, Comm. & Science
College Pethri, Tq. Phulambri,
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Programme Specific Outcome: B. A. History

- PSO 01:** To understand basics of social sciences, literature and humanities which make learners sensitive and sensible enough. (BL6)
- PSO 02:** Graduates will acquaint with social, economic, historical, geographical, political, ideological and philosophical tradition and thinking ability. (BL3)
- PSO 03:** To empower graduates for appearing in competitive examinations and higher studies. (BL6)
- PSO 04:** To understand human values, frame the base to deal with problems in life with courage and humanity. (BL4)
- PSO 05:** To ignite the learners for thinking and finding solutions to issues prevailed in human life. (BL4)
- PSO 06:** To provide base as a responsible citizen. (BL6)
- PSO 07:** To build the pillars of interdisciplinary research, community leadership and cultural awareness. (BL6)

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Course Outcomes (COs)

Department of Economics

Micro Economics:

CO1: To provide foundations of economics.

CO2: To understand scope of micro-economics, the behavior of an economic agents – namely, a consumer, a producer, a factor owner and the price fluctuation in a market.

CO3: To study behavior of a unit and analysis.

Price Theory:

CO1: To understand different components regarding price determination under various types of markets.

CO2: To understand theory of production, cost and revenue analysis, forms of market and factor pricing theories.

Indian Economy:

CO1: To study analytical factor of the students, by highlighting an integrated approach to be functioning aspects of the Indian economy, keeping in view the scope for alternative approaches.

CO2: To study social, political and economic environment influencing policy decisions.

CO3: To develop specific modules.

Macro Economics:

CO: To create awareness of basic theoretical frameworks underlying the field of macroeconomic

Development Economics:

CO: To understand theories and developments underlying the field of development economics.

International Economics:

CO1: To understand the basic principles that trend to govern the free flow of trade in goods and services at global level.

CO2: To understand and analyze the difference between various economies of the world.

Agricultural Economics:

CO1: To study the treatment of issues in agriculture economics to those intending to specialize in the area.

CO2: To familiarize students with policy issues those are relevant to Indian agricultural economics.

CO3: To analyze the issues using basic micro economics.

History of Economic Thought:

CO1: To understand the basic ideas of classical, new classical and marginality economist.

CO2: To compare the basic economic ideas of various economic thinkers of the world.

Money Banking and Finance:



CO1: To understand role of money and banking as the components of modern economy.

CO2: To understand the operations of money and banking.

CO3: To study interaction of money and banking with the rest of the economy.

CO4: To understand monetary and banking systems in India.

Public Finance:

CO1: To study the significance and scope of Public Finance.

CO2: To provide detailed information about the fiscal policy, public revenue, public debt and public expenditure.

Statistical Methods:

CO1: To understand techniques of statistical analysis which are commonly applied to economic problems.

CO2: To study the tools and techniques of statistical methods.

CO3: To understand data collection, its presentation, and analysis and making inferences.

Research Methodology:

CO1: To understand the concept of social science research.

CO2: To know the importance of social research, design of research problem, data collection and presentation of data.

CO3: To understand the idea of research in social sciences.

Industrial Economics:

CO1: To understand basics of industrial economics.

CO2: To study globalization and liberalization in contemporary world

Economy of Maharashtra:

CO1: To understand the basic features of economy of Maharashtra.

CO2: To study the problems related with agriculture, industries, cooperative sector and infrastructure in the Maharashtra state.

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COURSE OUTCOMES (CO): DEPARTMENT OF COMMERCE



Course Outcome (CO) for B. Com. I

Course		Course Outcome	PO
Financial Accounting - I	CO ₁	Provide a basic knowledge about Basic Concepts Fundamentals of Book Keeping accounting concepts.	PO ₁
	CO ₂	Understand use the Final accounts of a sole trading concern.	PO ₂
	CO ₃	Understanding the Final accounts of Non- trading concerns.	PO ₂
	CO ₄	To have knowledge on preparation Bank Reconciliation statement and Royalties.	PO ₁
	CO ₅	To have knowledge on preparing Depreciation Accounts.	PO ₂
Business Mathematics & Statistics I	CO ₁	Be able to relate statistics and mathematics with economics to understand various economics policies	PO ₂
	CO ₂	Be able to use different statistical tools in research work	PO ₈
	CO ₃	This subject will help the students in selecting appropriate statistical methods and applying them in the analysis of data.	PO ₈
	CO ₄	Solve business arithmetic operations with fractions to do business problems, and be able to select methods need to solve problems	PO ₂
	CO ₅	Critically assess the strengths and weaknesses of published studies, and evaluate the validity of reported results.	PO ₈
Business and Industrial Economics	CO ₁	To enable students to understand how optimum real life decisions are taken by individuals under situations of scarcity	Po5
	CO ₂	To enable students to understand how optimum decisions are taken by firms in the economy.	Po1
	CO ₃	To enable students to understand how price decisions are taken by firms in the economy.	Po1
	CO ₄	To understand the pricing and output decisions under various market structure.	Po2
	CO ₅	To familiarize the students with the basic concept of economics	Po5
IT Application in Business & Business Communications	CO ₁	Students will be familiarized with computer system and its communicating power.	PO7
	CO ₂	Students will understand the role of computerized system in corporate accounting & its application.	PO6
	CO ₃	They can use MS office in their routine activities.	PO2
	CO ₄	Students will understand the power of Internet world.	PO5
	CO ₅	Students will use MS excel properly in arithmetic work.	PO2

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Entrepreneurship Development - I	CO ₁	Students will understand the role of entrepreneurship in economic development of society.	PO8
	CO ₂	They will aware about Pradhan Mantri Skill India Programme and make in India movement.	PO5
	CO ₃	Understanding of entrepreneurship in service sector in 21 st century.	PO1
	CO ₄	Students will make their mindset for thinking entrepreneurship as career.	PO2
	CO ₅	They will get information about proper financing sources to business.	PO1
Financial Accounting - II	CO ₁	Have knowledge on preparing Branch and Departmental Accounts.	PO2
	CO ₂	Have skill in the procedure for preparing of accounts from incomplete Records.	PO1
	CO ₃	Learn about the partnership Accruing.	PO2
Mathematics & Statistics II	CO ₁	This subject will help the students in selecting appropriate statistical methods and applying them in the analysis of data	PO8
	CO ₂	To Provide knowledge and information about statistical application	PO6
	CO ₃	To Create skill and ability among student for using the statistical method, tools, techniques by using it devices.	PO8
	CO ₄	To Provide logical reasoning, Ability and interpretation application of various statistical and mathematical tools and techniques in taking logical and scientific decision in business operation	PO1
	CO ₅	Critically assess the strengths and weaknesses of published studies, and evaluate the validity of reported results.	PO8
Business Organization and Management	CO ₁	Understand the concepts related to Business Organization	Po1
	CO ₂	Demonstrate the roles, skills and functions of management.	Po2
	CO ₃	To help the students gain understanding of the functions and responsibilities of managers.	Po1
	CO ₄	To enable them to analyze and understand the environment of the organization	Po5
	CO ₅	To help the students to develop cognizance of the importance of management principles.	Po5
Business Communications and IT Application	CO ₁	Students will aware about communication in business.	PO4
	CO ₂	They will able to make effective resume.	PO2
	CO ₃	Students will understand role of network and networking devices in business operation.	PO6
	CO ₄	Students can give an effective business presentation.	PO4

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Entrepreneurship Development - II	CO ₁	Students will understand the entrepreneurial atmosphere in India.	PO1
	CO ₂	They will find out various chances are available for business in rural area of India.	PO2
	CO ₃	Students will get information about EDP in their own district.	PO5
	CO ₄	They can understand the proper method for project selection and preparation.	PO2

Course Outcome (CO) for B. Com. II



Course	Course Outcome	PO	
Corporate Accounting I	CO1	Understanding the concept of Equity Shares Issued at Par, at Premium and at Discount & Forfeiture and Re-issue.	Po1
	CO2	Learning about the provisions relating to redemption of preference shares.	Po2
	CO3	Various Methods of Redemption, Writing off discount on Redemption of debentures.	Po2
	CO4	Ability to Valuation of Goodwill and shares & Learning about methods of valuation of shares.	Po2
	CO5	To learn the Pre -incorporation, Post -incorporation & Preparation of Final accounts of companies.	Po2
Cost Accounting-I	CO1	It's a very easy to learn to students the use of costing concept in manufacturing business like as wage calculation, preparation of cost sheet, budgeting and finding out total cost etc.	Po1
	CO2	Students will learn the difference between cost accounting and financial accounting.	Po2
	CO3	Students will understand difference between fixed overhead and variable overhead.	Po2
	CO4	They will aware about impact of fixed cost on earning of unit.	Po2
IT Application in Business I	CO ₁	To Provide assistance in understanding how internet workspace makes business enterprise work easier	PO ₃
	CO ₂	To help students to acquire internet & cloud skill's	PO ₇
	CO ₃	To create an understanding among students relating to cyber crimes	PO ₅
	CO ₄	To require skills to be employed at a various offices and administrative level jobs using technology	PO ₂
	CO ₅	student will acquire knowledge of major cyber-crimes and their resulting impact.	PO ₅
GST Account I	CO ₁	The students will gain practical training under any GST practitioner and can also practice it as a profession	PO ₂
	CO ₂	The students will know how GST structure working in India, what are the authorities under GST and how to take credit on the	PO ₁


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 Dist. Aurangabad, (M.S.) Maharashtra - 431004

GST Account II	CO ₁	The students can apply the provisions of GST and tackle with the situation(s) for their own business(s)	PO ₂
	CO ₂	The students will know how GST structure working in India, what are the authorities under GST and how to take credit on the GST paid	PO ₁
	CO ₃	The students can become GST practitioners and earn their living by having a good line of business and clientele.	PO ₂
	CO ₄	The students can take up a career as a Customs officer working at the airport as well as in the office of Central Board of Indirect Taxes and Customs	PO ₂
	CO ₅	Students will be able to calculate the customs duty to be paid by them.	PO ₅
Insurance	CO1	Importance of insurance in business as well as human life.	Po5
	CO2	Understand the clearing procedures of insurance of life insurance.	Po2
	CO3	Benefit of unit linked insurance plan comparing with normal insurance policy.	Po5
	CO4	To have knowledge on Fire and Marine Insurance	Po1
	CO5	To have knowledge on Miscellaneous Insurance	Po1

Course Outcome (CO) for B. Com. III



Course	Course Outcome	PO	
Advanced Financial Accounting - I	CO1	Prepare financial accounts for partnership firms in different situations of admission, retirement, death and insolvency of the partners.	Po2
	CO2	Prepare financial statements for partnership firm on dissolution of the firm.	Po2
	CO3	Employ critical thinking skills to understand the difference between the dissolution of the firm and dissolution of partnership.	Po3
	CO4	Understand the various types of capital structure of the company and their representation in the balance sheet.	Po2
Management Accounting-I	CO1	Students will understand the basic difference within Management Accounting and Financial Accounting	Po2
	CO2	They will understand the importance of management accounting in decision making in business.	Po1
	CO3	Students will learn various ratios for understanding of current business situation.	Po1
	CO4	They will understand the importance of working capital and various factors that impacting to working capital.	Po1
	CO5	Students will learn heads of cash flow in business operation as per AS-3.	Po2

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Auditing	CO1	Apply their knowledge in the practical auditing work of various business organisations by using the concepts of the Auditing	PO ₁
	CO2	Search out opportunities and challenges in the field of the profession of Chartered Accountant at various levels.	PO ₂
	CO3	Develop an understanding of various auditing techniques such as vouching verification valuation report writing etc	PO ₃
	CO4	Working knowledge of the different type of audit of special businesses like banking and insurance.	PO ₁
	CO5	Able to work as an investigator of financial matters related with sole trader, partnership firm or a joint stock company.	PO ₂
Business Regulatory Framework - I	CO1	Students will aware the needs of business laws in India.	Po5
	CO2	They will understand the various essential factors that require to become valid contract between two parties.	Po2
	CO3	Students will understand the contractual ability of parties.	Po2
	CO4	They will learn the importance of free consent in contract.	Po2
	CO5	Students will understand the role of RBI in banking business in India.	Po1
Computerized Accounting - I	CO ₁	To introduce the students to Basic of Accounts and the usage of Tally for accounting purpose.	PO ₂
	CO ₂	To help students to work with well-known accounting software i.e. Tally ERP.9. Tally is an accounting package which is used for learning to maintain accounts.	PO ₆
	CO ₃	Students will learn to create company, enter accounting voucher entries in Tally ERP.9 software.	PO ₆
	CO ₄	Demonstrate an understanding of various predefined inventory vouchers	PO ₆
	CO ₅	Demonstrate an understanding of how to maintain a payroll register	PO ₆
Rural Development and Agricultural Management-I	CO1	To expose student to the basics of knowledge one of the forms of commerce.	Co1
	CO2	To familiarize them with different types of scheme of GOVT.	Po2
	CO3	To make them understand the development of rural area.	Pio2
	CO4	To introduce some advanced techniques of agricultural development.	Po6
	CO5	To prepare student to go for detailed study and understand of rural and agricultural development.	Po8
Advanced Financial Accounting - II	CO1	Evaluate the different situations of capital issue to public like issue at premium, issue at discount, forfeiture of shares etc.	Po2
	CO2	Demonstrate an understanding about the profits of the company and their division.	Po1
	CO3	Preparation of financial accounts with profits before incorporation.	Po2



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	CO4	Understand the valuation of shares and goodwill and prepare financial statements accordingly.	Po2
Management Accounting - II	CO1	Students can understand the importance of budgeting in business as well as in human life.	Po5
	CO2	They can learn the various types of budgets in business.	Po1
	CO3	They can forecast the requirement of fund through budget.	Po1
	CO4	Students can understand the various steps in responsibility accounting.	Po2
Direct Tax	CO ₁	Understand the basic concepts of Indian income tax act 1961 and tax liability of person on the basis of their residential status.	PO ₃
	CO ₂	Develop the understanding and skill to calculate the various heads of the income of an individual assessee.	PO ₂
	CO ₃	Prepare and present statement of total income and state various provisions of deductions and calculations related with tax liability.	PO ₁
	CO ₄	Able to understand amendments made from time to time in Finance Act.	PO ₅
	CO ₅	Able to file IT return on an individual basis	PO ₇
Business Regulatory Framework - II	CO1	Students can understand the nature of negotiable instrument.	Po5
	CO2	They will know the rights of unpaid seller.	Po2
	CO3	Students will learn how to transfer ownership of material.	Po1
	CO4	They will understand the various types of cheques.	Po5
	CO5	They will aware about the composition of state and central human right commission.	Po5
Computerized Accounting - II	CO ₁	Students do possess required skill and can also be employed as Tally data entry operator	PO ₂
	CO ₂	Develop the students use the Tally software, that helps to prepare Accounting, Payroll, Billing, Sales and Profit Analysis, Auditing Banking Inventory, Taxation such as GST, TDS, TCS etc. Application of key accounting assumption and principles of Tally ERP.9 in real business	PO ₆
	CO ₃	Students be able to understand the need of Tally software in developing computerized accounts	PO ₂
	CO ₄	Students will be able to use accounting and business terminology in Tally package	PO ₆
	CO ₅	After the completion of this course, students be able to understand the essential components of internet in business and society	PO ₇
Advertising & Salesmanship	CO1	Concept of Marketing; Marketing environment; Marketing Information System; Marketing Research; Consumer Behavior; Segmenting, Targeting and Positioning.	



	CO2	Concept of Advertising; Advertising Objectives, Budget aida.	
	CO3	Advertising Media; Classifications of Advertising; Internet Advertising; Advertising Appeals; Role and Impact of Advertising on the Indian Economy.	
	CO4	Advertising and Indian Art & Culture; Advertising and Indian Society; Misleading and Deceptive advertisements.	
	CO5	Concept of Brand, Role of Social Media in Marketing Brands; Important concepts of Brand Management; Branding Decisions.	



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Pathri, Tq. Phulambri, Dist. Aurangabad.
DEPARTMENT OF POLITICAL SCIENCE

COURSE OUTCOMES, PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME

Course Outcome

B.A. First Year -1st & IInd Semester

Pol-Core Course CC-1A- 2B Principle of Political Science-

Course Objective -To introduce the basis of Political Science to the freshers

Pol-Core Course CC-1B 2B Indian Government and Politics.

Course Objective:To impart an understanding of the functioning of the Government within the Constitutional framework.

B.A. Second Year (Semester -III-IV)

Pol -105-107: Indian Government and Politics.

The Study of Indian Political System Conveys the whole body of knowledge to the students about Indian Government and Politics. This encourages the students to think and analyse about the Politics of our nation.

POL -106-108: International Relations

It inculcates knowledge of various concepts of International Relations for example collective Security, Balance Of Power etc. It also helps to understand verious process of international Organization functioning for the maintenance of International Peace and Security.

B.A.III Year Semester -V & VI

It enables the students to learn the Ideas of great Political Thinkers of ancient as well as modern period. To understand the Concept of Liberalism, Feminism Communism etc.

It helps the students to understand the importance of equality of different cultures.

POL -109-112: Indian Political Thinkers

POL - 110-113: Western Political Thinkers

POL- 111-114: Political ideologies



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Programme Outcome

Political Science education provides learners with knowledge and skill needed to prepare for a professional career as a teacher, administrator, Political Scientist, lawyers etc. It also provides ground knowledge about the basis of Political education. It trains about the Politics and Government at Local, State, National and Global levels.

Programme Sepsific Outcome

Political Science organizes guest talk by scholars in the field of Political Science and encourage the students to think critically and gives information about Politics and various aspects of public life. Political science department enables the students to participate in various programs conducted by Humanities department as well as forums of college and also avaii the students to participate in various activities of the college and outside.



Mr. Dhanedhar Kiran Karbhari

Associate Professor and Head Department of Political Science.



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COS: Psychology



Psychology, B. A. I. year.

Semester - I

PSY 101 General Psychology.

CO1: To provide solid foundation for the basic principles of psychology.

CO2: To familiarize students with the historical trends in psychology, major concepts, theoretical perspectives, empirical findings.

CO3: To provide an overview of the applications of psychology.

PSY 102 Social Psychology.

CO1: To appreciate how individual behavior is influenced by social and cultural contexts.

CO2: To enable student to develop an understanding of functioning of dyads, groups and organization.

CO3: To understand the unique features of Indian socio-cultural context.

CO4: To analyze social problems in terms of various social psychological theories.

Semester - II

PSY 104 Basic Concepts in Psychology.

CO1: To understand basic concepts in psychology.

CO2: To familiarize learners with the historical trends in psychology, major concepts, theoretical perspectives and empirical findings.

CO3: To provide an overview of the applications of psychology.

105 Basic Concepts in Social Psychology.

CO1: To understand the influence of social factors on individual's behavior.

CO2: To analyze impact of social problems on psychological theories.

Psychology B.A. II year.

Semester - III

PSY 107 Psychology of Adjustment:

CO1: To understand psychology and its practical applications in daily life.

CO2: To enable learners for psychological principles and their applications.

CO3: To enables learners to analyze and face issues encountered in everyday life.

Dr. Arti S. Thale

M.A., M.Ed., Ph.D

Asst. Professor, Dept. of Psychology

Rajarshi Shahu Arts, Comm. & Science

College Pathri, Tq. Phulambri,

Dist. Aurangabad, (M.S.) INDIA - 431111

Dr. Sachin

Asst. Professor, Dept. of Psychology

Rajarshi Shahu Arts, Comm. & Science

College Pathri, Tq. Phulambri,

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PSY 108 Psychological Testing:

CO1: To understand psychological assessment techniques.

CO2: To understand uses and interpretations of psychological tests.

CO3: To impart and enhance skills for selecting and applying different tests

Semester - IV

PSY 110 Psychology for Living:

CO1: To understand the connection between psychology and its practical application to everyday life.

CO2: To apply psychological principles to face challenges in life.

CO3: To enable learners to solve issues encountered in life stress, health, personal relationships communication and self-esteem.

PSY 111 Psychological Statistics:

CO1: To understand psychological assessment techniques.

CO2: To familiarize learners with statistical methods, their applications and interpretations.

CO3: To inculcate skills for selecting and applying different tests for evaluation, training, rehabilitation etc.

CO4: To enhance observation skills.

Psychology B.A. III year.

Semester - V

PSY 113 Subsidiary Abnormal Psychology

After studying the course, learners will be able to understand.

CO1: Critical Thinking.

CO2: Effective Communication.

CO3: Community and Civic Responsibility.

CO4: Quantitative Literacy

CO5: Scientific and Technological Effectiveness.

PSY 114 Organizational Psychology

CO1: This course aims and understanding the behaviour of individuals along with other organizational assets

Dr. Arti S. Thale

M.A., M.Ed., Ph.D

Asst. Professor, Dept. of Psychology
Rajarshi Shahu Arts, Comm. & Science
College Pathri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA - 431111

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CO2: Students are expected to learn not only the theoretical aspects of the course but also to familiarize themselves with the skills, techniques and their application

CO3: The course would create an enabling experience with the societal contexts.

PSY 116 Introduction to Counseling.

CO1: To understand importance, goals and scope of counseling.

CO2: To gain the knowledge of establishing good rapport.

CO3: To impart knowledge about when will stop counseling process.

Semester - VI

PSY 119 Psychopathology.

CO1: To impart Knowledge about the normality and Abnormality

CO2: To make students understand the nature and Course of various abnormal conditions.

CO3: To impart Knowledge and skills needed for Psychological assessment of different abnormal conditions.

PSY 120 Organizational Behaviour.

CO1: To understand individual differences in organization.

CO2: To understand nature, types and stages of group development.

CO3: To gain knowledge about communication process in organizational progress.

PSY 122 Counseling In Action.

CO1: To know the theories of counseling in counseling practice.

CO2: To know the scope of counseling in various stages of life.



Dr. Arti S. Thale

M.A., M.Ed., Ph.D.

Asst. Professor, Dept. of Psychology

Rajawshi Shahu Arts, Comm. & Science

College Pathri, Tq. Phulambri,

Dist. Aurangabad, (M.S.) INDIA. - 431111

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Course Outcomes (COs)
Department of Sociology
B.A.F.Y



PAPER Ist- INTRODUCTION TO SOCIOLOGY:

- CO1 Students understand basic concepts of sociology.
- CO2 Students know the emergence of Sociology.
- CO3 Students understand the culture, inequalities and Social exclusions in India.

PAPER IInd: INDIAN SOCIAL INSTITUTIONS:

- CO1 Students understand meaning and definitions of social institutions.
- CO2 Students know about marriage and family institutions in India.

PAPER IIIrd: BASIC CONCEPTS IN SOCIOLOGY:

- CO1 Students introduce with basic concepts in Sociology.
- CO2 Students familiarize with the theoretical aspect of different concepts.
- CO3 Students understand the outline of Sociological background.

PAPER IVrd: TRANSFORMATION IN SOCIAL INSTITUTIONS:

- CO1 Students know the transformation in social institutions.
- CO2 Critical understanding develop among the students about functioning of social institutions.

B.A.S.Y.

PAPER: V- Problems of Rural India

- CO1 Students understand the problems of rural India.
- CO2 Students study of rural economy.
- CO3 Students know the major issues of development of rural India.

PAPER: VI Contemporary Urban Issues

- CO1 Students know the contemporary urban issues.
- CO2 Students study of urbanization process.
- CO3 Students understand the urban planning
- CO4 Students know the urban changes that happened due to globalization.

PAPER: VII- POPULATION IN INDIA:

- CO1 Students understand dynamics of population.
- CO2 Students understand basic concept of Demography.
- CO3 Students study demographic transition.
- CO4 Students study Indian population police

PAPER: VIII- SOCIOLOGY OF DEVELOPMENT:

- CO1 Student study of conceptual perspectives on development.
- CO2 Students know the development issues.

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- CO3 Student study various development approaches.
CO4 Students know the Indian experience of development.

B.A.T.Y



PAPER: IX- SOCIOLOGICAL TRADITIONS:

- CO1 Students knows emergence of sociological thought.
CO2 Students understand thought of pioneers in Sociology.
CO3 Students study classical traditions.

PAPER: X- INTRODUCTION TO RESEARCH METHODOLOGY:

- CO1 Students studied of basic concepts of Research Methodology.
CO2 Students understood Research process.

PAPER: XI- SOCIAL PROBLEMS IN INDIA:

- CO1 Students understand nature of corruption and crime in India.
CO2 Students understand problems related displacement and rehabilitation.
CO3 Students study of problems of inequality.

PAPER: XII- PROJECT WORK:

- CO1 Students understand basic concepts in research methodology.
CO2 Students known the research methodology.

PAPER: XIII- SOCIOLOGICAL THEORIES:

- CO1 Theoretical approaches develop among the students.
CO2 Sociological thinking developed among the students.
CO3 Students study different theories in sociology.

PAPER: XIV: SOCIAL RESEARCH MEHTODS:

- CO1 Research approach develop among the students.
CO2 Students study of different techniques of sociological investigation.
CO3 Students understand basic statistical measures.
CO4 Students understand utility of social research.

PAPER: XV- SOCIAL DISORGANIZATION IN CONTEMPORARY INDIA:

- CO1 Students know the social disorganization in India.
CO2 Students understand violence and social disorder in India.
CO3 Students study of regionalism in India.

PAPER: XVI- PROJECT WORK:

- CO1 Research perspective develop among students
CO2 Students known the research methodology.
Course Outcomes (COs)

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Mitra Sadhana Shikshan Prasarak Mandal Pathri, Sanchalit.
Dr. Babasaheb Ambedkar Marathwada University Aurangabad Affiliated
RAJARSHI SHAHU ARTS, COMMERCE & SCIENCE COLLEGE PATHRI,
Tq. Phulambri, Dist. Aurangabad – 431 111.

DEPT. OF GEOGRAPHY

Course Outcomes (COs)

B.A. F.Y. Semester I CCGEOG-3A Physical Geography

Learning Outcomes:

After the completion of the course, the students will have the ability to:

1. Students will know the basic concept in physical geography.
2. Understand earth's tectonic and structural evolution.
3. Gain knowledge about earth's interior and various theories regarding earth.
4. Acquire knowledge about types of folds and faults and earthquakes, volcanoes and rocks classification.

B.A. F.Y. Semester I CCGEOG-3B Human Geography

Learning Outcomes:

After the completion of the course, the students will have the ability to:

1. Gain knowledge about major themes of human Geography.
2. Acquire knowledge on the history and evolution of humans.
3. Learn about the various races and racial groups of the world
4. Learn the rural house types, census categories of rural settlements and idea of social segregation.

B.A. F.Y. Semester II CCGEOG-1E Geography of Landforms

Learning Outcomes:

After the completion of course, the students will have ability to:

1. Understand the functioning of Earth systems in real time and analyze how the natural and anthropogenic operating factors
2. Overview the landform formation process.
3. Assess the roles of structure, stage and time in shaping the landforms.
4. To acquaint the students with the utility and applications of Geomorphology in different areas and

B.A. F.Y. Semester II CCGEOG-2E Geography of Maharashtra

Learning Outcomes:

After the completion of course, the students will have ability to:

1. To acquaint students with Geography of our State.
2. To make students aware of the magnitude of problems and prospects in Maharashtra.
3. To help students understand the inter-relationship between the subject and the society.
4. To help students understand the recent trends in regional studies

B.A. F.Y. Semester I & II CCGEOG-3P1 & CCGEOG-3P2 Annual Practical

Learning Outcome:

After the completion of course, the students will have ability to:

1. Students will know the definition of Cartography and scale of maps.
2. Students Understand the methods of reliefs.

3. Comprehend the concept of relief features and representation of slopes through contour line.
4. Students will know how to reduce and enlarge the maps.
5. Students will understand the representation of landforms by contours.
6. Students will know signs and symbols used in SOI Maps.
7. Students will acquire the Knowledge of Toposheet (SOI Maps) Reading and Interpretation.



S.Y. B.A Semester III Geo.106 Paper NO. VI Climatology

Learning Outcome:

- After the completion of course, the students will have ability to:
1. Understand the elements of weather and climate and its impacts at different scales.
 2. Comprehend the climatic aspects and its bearing on planet earth.
 3. Learn the interaction between the atmosphere and the earth's surface. Understand the importance of the atmospheric pressure and winds.
 4. To analyze the dynamics of the Earth's atmosphere and global climate. Assessing the role of man in global climate change.
 5. Understand the structure, composition of Atmosphere, weather phenomena winds, humidity and precipitation. Understand heat balance and forecasting methods

S.Y. B.A Semester III Geo.107 Paper NO. VII Population Geography

Learning Outcome:

- After the completion of course, the students will have ability to:
1. Learn the role of demography and population studies as a distinct field of human geography
 2. To identify and understand environment and population in terms of their quality and spatial distribution pattern.
 3. To comprehend the contemporary issues facing the global community.
 4. Understand the history of population, types of data and Study of distribution and density of population. Get knowledge of population theories.

S.Y. B.A Semester IV Geo.108 Paper NO. VIII Oceanography

Learning Outcome:

- After the completion of course, the students will have ability to:
1. To understand the major concept in oceanography.
 2. To describe the ocean bottom floor.
 3. To acquire knowledge about temperature of oceanic water.
 4. Identify marine resources and characteristics of ocean waters.
 5. Understand importance of ocean.
 6. Knowledge about effect of ocean Currents.
 7. Understand human impacts on Ocean.
 8. Study about types of tides
 9. To make aware about judicious use of water.

S.Y. B.A Semester IV Geo.109 Paper NO. IX Settlement Geography

Learning Outcome:

1. Understand the Nature and Scope of Settlement Geography Characteristics of Rural and Urban Settlements according to Indian Census and nature, scope, evolution and study methods.
2. Understand the settlement types, pattern and nature and process of urban settlement and some basic concept related to settlement geography

S.Y. B.A Semester III & IV Geo.110 Paper NO. X Practical Geography

Learning Outcome:

After the completion of course, the students will have ability to:

1. To enable the students to use various projections to prepare maps.
2. Appreciate how projections are applied to prepare maps from the globe.
3. Acquire knowledge to prepare maps from geographic data and also the ability to interpret them.
4. Distinguish between various types of maps and also appreciate the elements of map;
5. Develop an idea about different types of mapping techniques.
6. Acquire knowledge to prepare maps from statistical data and also the ability to interpret them.
7. Introduce the student of top sheet, weather map.
8. Understand the mechanism function of topographical maps.
9. Understand interpretation if weather images. CO4. Get knowledge about Graphs.

T.Y. B.A Semester V Geo.111 Paper NO. XI Physical Geography of India

Learning Outcome:

1. Understand the location Physiographic, Drainage, Climate, and Vegetation of India
2. To know the silent feature, problems and prospects of Agriculture.
3. Study the Problems And Prospect of Industrial Area.

T.Y. B.A Semester V Geo.112 Paper NO. XII Geography of Environment

Learning Outcome:

After the completion of the course, the students will have the ability to:

1. Appreciate the structure and functions of ecosystems with examples;
2. Understand the environmental problems and relevant management strategies;
3. Acquire knowledge about the new environmental policies and the need to revise policies to tackle the environmental issues of India, in particular
4. Understand Structure, Components of Atmosphere.
5. Study about Nutrient cycling.
6. Acquire knowledge about biodiversity.
7. Understand the value of Resource.
8. Understand environmental problems there Cause, Effect and Remedies.
9. Get knowledge about environmental hazards and management.
10. Make aware about conservation of resources.

T.Y. B.A Semester V Geo.113 Paper NO. XIII Industrial Geography of Maharashtra

Learning Outcome:

1. Understand study about the industrial geography, its nature, scope, and different study methods in Maharashtra
2. To study the locations of industry and their activities primary and secondary and its factors responsible for same.

T.Y. B.A Semester VI Geo.114 Paper NO. XIV Agriculture Geography of India

Learning Outcome:

After the completion of course, the students will have ability to:

1. Conceptualize the agriculture and its determinants.
2. Get the overview of Indian and World agriculture regions and systems.
3. Have sound knowledge of agriculture revolutions and food security
4. Examining the introduction to agriculture, nature, scope, significance and development of agriculture geography, approaches to study.



5. Understand the fundamental concept, land use, crops, agricultural production and envelopment and study the determinants of agricultural activities, physical determinants, and socio-economic determinants.

T.Y. B.A Semester VI Geo.115 Paper NO. XV Geography of Natural calamity

Learning Outcome:

- After the completion of the course, the students will have the ability to:
1. Understand the basic concepts and the classification method of calamities;
 2. Acquire knowledge on the causes, impacts, distribution and mapping of calamities of India;
 3. Appreciate the responses and mitigation measures of calamities in India.
 4. Understand environmental problems there Cause, Effect and Remedies.
 5. Get knowledge about environmental hazards and management.
 6. To understand the environmental global problems such as deforestation, desertification, depletion of ozone, global warming.



T.Y. B.A Semester V & VI Geo.116 Paper NO. XVI Practical Geography

Learning Outcome:

1. Understand the representation of Statistical data.
2. Know the Importance of Statistic in Geography.
3. Compute of Measures of Central tendency of dispersion
4. Compute the Correlation of Pearson's and Spearman's methods.
5. Statistical data Analysis of simple regression.

T.Y. B.A Semester VI Geo.117 Paper NO. XVII Bio- Geography

Learning Outcome:

1. Understand about environment, Habitat and plant animal association.
2. Understand biome types and zoo geography

T.Y. B.A Semester V & VI Geo.118 Paper NO. XVIII Practical Geography

Learning Outcome:

1. Understand the different surviving techniques.
2. Knowledge about preparation of layout.
3. Chain and tape survey CO4. Prismatic compass survey

T.Y. B.A Semester V & VI Geo.119 Paper NO. XIX Practical Project

Learning Outcome:

1. Organize the field work and collect the authentic and appropriate data about selected village and analyzed that data help with Microsoft Excel, work sheet and prepare slide and the village report for presentation.

Dr. Pravin Vilasrao Thakare

MA., Mphil., Ph.D.

Research Guide

Dept. of Geography

Rajarshi Shahu Art's, Comm. & Science

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PRINCIPAL

Rajarshi Shahu Arts, Comm. & Science

College Pathri, Tq. Phulambri,

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Course Outcomes (COs)
Department of Public Administration

B.A. F.Y.

Semester I

Principles and Concepts of Public Administration (Paper-I)

Upon completion of the course, the students will be able to-

CO1: Explain meaning, nature and scope of Public Administration.

CO2: Differentiate between Public and Private Administration.

CO3: Explain meaning and forms of Organization.

CO4: Describe different Principles of Organization.

CO5: Identify concepts of Public Administration like Leadership, communication, supervision etc.

Public Administration in India (Paper-II)

Upon completion of the course, the students will be able to-

CO1: Explain historical evolution and current global scenario of Indian Administration.

CO2: Explain the constitutional framework, fundamental rights and duties.

CO3: Discuss structure and function of Rajya sabha and Loksabha.

CO4: Explain the structure and function of Indian judiciary/Supreme courts.

Semester II

Maharashtra Administration (Paper-III)

Upon completion of the course, the students will be able to-

CO1: Discuss formation of Maharashtra State and its administrative features.

CO2: Describe structure and functions of the state Executive and legislative.

CO3: Analyze structure and functions of the state judiciary.

CO4: Identify relevance of Constitutional and Statutory bodies at the state level such as MPSC, Maharashtra Finance Commission, Election Commission etc.

District Administration (Paper-IV)

Upon completion of the course, the students will be able to-

CO1: Explain evolution and importance of District Administration.

CO2: Explain the various functions of District Collector.

CO3: Discuss changing role of district collector.

CO4: Identify various aspects of the concept Law and Order and its Principles.

CO5: Understand functioning of revenue administration.

CO6: Understand functioning and issues of district police administration.

B.A. S. Y. B.A. Public Administration

Semester III

Personnel Administration (Paper-V)

Upon completion of the course, the students will be able to-

CO1: Explain the meaning and function personnel administration and public services in India.

CO2: Identify the role of personnel training institutions such as YASHDA, MPA and LBSNAA.

CO3: Discuss personnel grievance redressal mechanism in India CVC.

CO4: Comprehend with the problems of personnel administration in India.

CO5: Explain relevance of administrative tribunal mechanism in India CAT, MAT.

Panchayati Raj and Rural Development (Paper-VI)

Upon completion of the course, the students will be able to-

CO1: Discuss basic concept and history of Local Self Government in India.

CO2: Discuss on Panchayat Raj system structure and function in Maharashtra.

CO3: Explain composition and function of state Rural Development Ministry.

CO4: Acquaint concept and Program of Rural Development.

CO5: Describe Problems of Rural area.

CO6: Discuss the financial resources of local self government.

Semester IV

Financial Administration (Paper-VII)

Upon completion of the course, the students will be able to-

CO1: Explain basics of information financial administration as well as importance of the finance ministry.

CO2: Comprehend process and importance of budget.

CO3: Describe major accounts and audit mechanism in India.

CO4: Explain methods and importance of parliamentary control over financial administration in India.

CO5: Discuss concept of Liberalization, Privatization and Globalization.





Urban Local Self Government and Urban Development (Paper-VIII)

Upon completion of the course, the students will be able to-

CO1: Discuss basic concept of urban local self-Government in India.

CO2: Understand the causes of urbanization.

CO3: Explain urban local self-Government system in Maharashtra.

CO4: Acquaint Urban Development Agencies in Maharashtra.

CO5: Describe the problems of urban area.

CO6: Identify major Urban Development Program.

B.A. T.Y. Public Administration

Semester V

Human Resource Development (Paper-IX)

Upon completion of the course, the students will be able to-

CO1: Explain nature, scope, structure and processes of human resource development

CO2: Discuss changing paradigms of human resources development.

CO3: Understanding means of human resource development.

CO4: Explain the human resource management and its objective.

CO5: Discuss on recruitment process.

CO6: Explain importance of human resource planning.

Educational Administration in India (Paper-X)

Upon completion of the course, the students will be able to-

CO1: Discuss objectives and importance of Education.

CO2: Describe historical background of Education in the light of various Committee's recommendations and government policies.

CO3: Identify role of Quality Control Institutions, such as NAAC and AICTE, in Higher Education.

CO4: Describe structure, relevance and the present Scenario of Higher Education.

CO5: Analyze impact of Globalization on Higher Education in India.

Administrative Thinkers (Paper-XI)

Upon completion of the course, the students will be able to-

- CO1: Discuss F.W.Taylor's concept of Scientific Management.
- CO2: Understand Fayol's elements and Principles of Management.
- CO3: Describe Max Weber's Ideal Model of Bureaucracy.
- CO4: Explain Mary Follet's ideas of Authority, Conflict and Integration
- CO5: Describe Elton Mayo's Hawthorn Experiment or Human Relation Theory.
- CO6: Examine Herbert Saiman behavioural approach and Decision-Making approach.
- CO7: Explain Ecological approach and concept of Prismatic Society by F. W. Riggs.



Semester VI

Public Policy and Development (Paper-XII)

Upon completion of the course, the students will be able to-

- CO1: Explain concept of Public Policy.
- CO2: Discuss role of internal determinants in the formulation of Public Policy.
- CO3: Discuss role of Executive and Bureaucracy in the implementation of Public Policy.
- CO4: Explain concept of Development and Sustainable development.
- CO5: Understanding central government development policies – Food policy, Water policy, Land Reform.
- CO6: Describe challenges before Development.

Health Administration in India (Paper-XIII)

Upon completion of the course, the students will be able to-

- CO1: Explain organizational elements, structure, performance, and terminology and delivery modalities for India healthcare systems.
- CO2: Understanding structure and interdependence of healthcare system elements and issues using critical thinking to formulate innovative system designs that improve healthcare delivery.
- CO3: Explain the role and facilities of NRHM.
- CO4: Explain the challenges before Indian health care system.

Recent Trends in Public Administration and Important Laws (Paper-IV)

Upon completion of the course, the students will be able to-

- CO1: Discuss concept of New Public Administration and New Public Management.
- CO2: Explain Public Choice Approach and the relevance and role of the Civil Society.



CO3: Explain meaning and importance of the Citizen Charter.

CO4: Discuss concept and it's relevance of Good Governance, E-Governance and Disaster Management.

CO5: Discuss important Laws such as Civil Rights Protection, Consumer Protection, Environment Protection, and Right to Public Services.

Project Work

Upon completion of the course, the students will be able to-

CO1: Develop problem solving abilities and communications skill.

CO2: Understanding of the social, political, economic, and cultural factors and its influence on public administration.

CO3: Develop ability to effectively communicate, both in research writing as well as terminology, facts, concepts, and theories used in the field of public administration.

CO4: Create awareness social, administrative issues and policies.

Jadhav
Rajarshi Sasho Arts, Comm. & Science
College Patilri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA.- 431111



Mitra Sadhna Shikshan Prasarak Mandal's
Rajarshi Shahu Arts, Commerce & Science College, Pathri

INTERNAL QUALITY ASSURANCE CELL

Programme Outcomes (POs)

Sr. No.	PARTICULARS
1	Programme Outcomes-B. A.
2	Programme Outcomes -B. Com.
3	Programme Outcomes- B. Sc.
4	Programme Outcomes- B.Voc
5	Programme Outcomes -M. Sc.
6	Aims and Objectives-NSS
7	Aims and Objectives- Physical Education

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Rajarshi Shahu Arts, Comm. & Science
College Pathri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA.- 431108

IQAC Coordinator
Rajarshi Shahu Arts, Comm.
& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.

Programme Outcomes – B. A.



PO1: Social responsibility and awareness: Students acquire knowledge and can apply in social sciences, literature and humanities which make them sensitive and help to grow ability as responsible citizens. It also creates social consciousness.

PO2: Inculcation of human values: Students can apply knowledge with human values framing the base to deal with various problems in life with courage and humanity.

PO3: Familiarize learners with social and economic issues: Learners get familiarize with social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.

PO4: Communication and linguistic skills: Students acquire good communication and linguistic skills which is the need of modern time and essential for campus drives.

PO5: Competency: It empowers graduates to appear for competitive examinations and higher studies.

PO6: Creativity: Students will acquire the sense of social service and creative ability.

PRINCIPAL

**Rajarshi Shahu Arts, Comm. & Science
College Pathri, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA.- 431111**

IQAC Coordinator

**Rajarshi Shahu Arts, Comm.
& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.**

Programme Outcomes -B. Com.



- PO1: Management skills:** The programme provides administrative abilities as trained professionals required for banking, industrial and financial sectors.
- PO2: Problem analysis:** Learners can apply the intensive knowledge of accountancy, business law, economic principles and taxation to complex commercial problems.
- PO3: Professional ethics:** After completion of the programme, graduates can work as - Accountant, Auditor, Consultant, Company Secretary, Business Analyst, Finance Officer, Sales Analyst, Junior Analyst, Tax Accountant, Stock Broker, Economist, Business Development Trainee.
- PO4: Professional skills:** A student can opt for LLB after M.Com. Business Law is one of the best options in it.

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IQAC Coordinator
Rajarshi Shahu Arts, Comm.
& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.



Programme Outcomes - B. Sc.

PO1: Scientific temperament: The programme inculcates scientific attitude in the minds of earners in physical, chemical, material, life and mathematical sciences. Students acquire scientific abilities such as logical thinking, problem solving approach, data collection and decision making and apply the same.

PO2: Basic scientific knowledge: Students acquire scientific knowledge to extract information, formulate and solve problems in a systematic manner.

PO3: Technical competence and practical skills: Learners acquire skills to handle basic scientific instruments following the general lab safety practices through experimental skills.

PO4: Creative thinking and numerical ability: It empowers the learners with creative thinking and numerical ability.

PO5: Environment and sustainability: It provides understanding of current environmental scenario and necessity of sustainability along with solutions. Students are made aware of environment related issues and sustainable technology development.

PO5: Competency: The programme prepares learners for post- graduation and higher education. Students become eligible for appearing to competitive examinations such as MPSC/UPSC and banking.

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IQAC Coördinator

Rajarshi Shahu Arts, Comm.
& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.



Programme Outcomes – B.VOC.

PO1: Disciplinary Knowledge: Demonstrate comprehensive knowledge of one or more disciplines that form a part of an undergraduate B.Voc programme Execute strong theoretical and practical understanding generated from the chosen B.Voc programme.

PO2: Research-Related Skills: Demonstrate a sense of inquiry and capability for asking relevant/appropriate questions; ability to plan, execute and higher academic achievements in the chosen field and allied subjects and aware about research ethic.

PO3: Personal and Professional competence: Perform independently and participates in team activities and demonstrates cooperation. Integrate enthusiasm and commitment to improve personal and team performance levels and build skills to achieve the goals.

PO4: Self-directed and Life-long learning: Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes.

PO5: Trans-disciplinary Research competence: Create new conceptual, theoretical, methodological innovations that integrate and transcend beyond discipline-specific approaches to address a common problem.

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IQAC Coordinator
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& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.

Programme Outcomes - M. Sc.



PO1: Scientific knowledge: Learners acquire scientific knowledge and ability to integrate in-depth understanding of theoretical principles and apply them. The programme affords interdisciplinary applications of the respective subjects.

PO2: Problem analysis and analytical thinking: Learners can identify, formulate, review research literature, formulate research problem, analyze them and conclude the result.

PO3: Research skills: Students can acquire research skills through project works which are the foundations of research.

PO4: Basic instrumentation handling: Learners acquire skills for handling basic instruments.

PO5: Design / development of solutions: Learners can design solutions for scientific problems through practical based experiential learning for cultural, societal, and environmental considerations.

PO6: Development: Learners can apply knowledge independently for personal and professional development.

PO7: Research Aptitude: Learners are oriented towards basics of research.

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IQAC Coordinator

Rajarshi Shahu Arts, Comm.
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Tq. Phulambri, Dist. Aurangabad.

Aims and objectives (NSS)



- To empower youth for developing the personality and character through voluntary community service.
- To acquire social skills for personal and national development.
- To develop constructive and positive attitudes in the minds of youth.
- To make the youth aware of involvement in social activities.
- To encourage youth for participating in the community.
- To develop team spirit.

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IQAC Coordinator

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& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.

Aims and Objectives – Physical Education



- To increase muscular strength and endurance.
- To understand the significance of exercise and participative involvement in physical exercise.
- To develop individuals for attaining specific goals.
- To summarize and analyse current issues in health and wellness.

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IQAC Coordinator

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& Science College Pathri,
Tq. Phulambri, Dist. Aurangabad.

Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2021

Bachelor of Arts (Subject wise Result Analysis)

Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
English-Comp Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	39	31	79	87
English (Op) Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	8	7	87	71
English (Op) Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	8	7	87	74
Hindi (Op) Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	14	11	78	72
Hindi (Op) Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	14	10	71	73
Marathi (Op) Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	17	11	64	75
Marathi (Op) Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	17	13	76	68
Geography-I	A - Regular - P-2013 - F.Y.B.A. First Semest	21	17	80	73
Geography-II	A - Regular - P-2013 - F.Y.B.A. First Semest	21	18	85	69
Psychology - I	A - Regular - P-2013 - F.Y.B.A. First Semest	17	16	94	82
Psychology -II	A - Regular - P-2013 - F.Y.B.A. First Semest	17	15	88	71
Political Science Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	7	7	100	76
Political Science Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	7	7	100	80
Sociology Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	7	6	85	77
Sociology Paper- II	A - Regular - P-2013 - F.Y.B.A. First Semest	7	5	71	60
History Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	18	12	66	76
History Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	18	14	77	80
Economics Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	5	4	80	70
Economics Paper-II	A - Regular - P-2013 - F.Y.B.A. First Semest	5	3	60	79
Public Administration-I	A - Regular - P-2013 - F.Y.B.A. First Semest	3	2	66	67
Public Administration-II	A - Regular - P-2013 - F.Y.B.A. First Semest	3	2	66	75
Hindi (SL) Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	17	14	82	93
Marathi (SL) Paper-I	A - Regular - P-2013 - F.Y.B.A. First Semest	22	19	86	92
English-Comp -II	- Regular - P-2013 - F.Y.B.A. Second Semest	91	70	76	63
English (Op) -III	- Regular - P-2013 - F.Y.B.A. Second Semest	15	10	66	58

Tadhuraj
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English (Op) -IV	- Regular - P-2013 - F.Y.B.A. Second Sem	15	10	66	69
Hindi (Op)-III	- Regular - P-2013 - F.Y.B.A. Second Sem	38	28	73	61
Hindi (Op) -IV	- Regular - P-2013 - F.Y.B.A. Second Sem	38	25	65	58
Marathi (Op) -IV	- Regular - P-2013 - F.Y.B.A. Second Sem	38	29	76	71
Geography -(Practical)	- Regular - P-2013 - F.Y.B.A. Second Sem	45	44	97	86
Geography -III	- Regular - P-2013 - F.Y.B.A. Second Sem	45	35	77	75
Geography -IV	- Regular - P-2013 - F.Y.B.A. Second Sem	45	39	86	81
Psychology-III	- Regular - P-2013 - F.Y.B.A. Second Sem	44	35	79	67
Psychology-IV	- Regular - P-2013 - F.Y.B.A. Second Sem	44	33	75	63
Psychology -(Practical)	- Regular - P-2013 - F.Y.B.A. Second Sem	44	33	75	85
Political Science -III	- Regular - P-2013 - F.Y.B.A. Second Sem	16	9	56	74
Political Science-IV	- Regular - P-2013 - F.Y.B.A. Second Sem	16	13	81	82
Sociology -III	- Regular - P-2013 - F.Y.B.A. Second Sem	23	20	86	71
Sociology -IV	- Regular - P-2013 - F.Y.B.A. Second Sem	23	22	95	72
History Paper-III	- Regular - P-2013 - F.Y.B.A. Second Sem	42	35	83	73
History Paper-IV	- Regular - P-2013 - F.Y.B.A. Second Sem	42	33	78	78
Economics Paper-III	- Regular - P-2013 - F.Y.B.A. Second Sem	6	3	50	56
Economics Paper-IV	- Regular - P-2013 - F.Y.B.A. Second Sem	6	4	66	76
Public Administration-III	- Regular - P-2013 - F.Y.B.A. Second Sem	6	5	83	69
Public Administration-IV	- Regular - P-2013 - F.Y.B.A. Second Sem	6	5	83	66
Hindi (SL) -II	- Regular - P-2013 - F.Y.B.A. Second Sem	40	31	77	70
Marathi (SL) -II	- Regular - P-2013 - F.Y.B.A. Second Sem	51	44	86	79
Marathi (Op) -III	- Regular - P-2013 - F.Y.B.A. Second Sem	38	23	60	44
English-Comp-III	- Regular - P-2013 - S.Y.B.A. Third Semes	13	8	61	69
English (Op)-V	- Regular - P-2013 - S.Y.B.A. Third Semes	2	2	100	86
English (Op)-VI	- Regular - P-2013 - S.Y.B.A. Third Semes	2	2	100	83
Hindi (Op)-V	- Regular - P-2013 - S.Y.B.A. Third Semes	4	4	100	80
Hindi (Op)-VI	- Regular - P-2013 - S.Y.B.A. Third Semes	4	4	100	84
Marathi (Op)-V	- Regular - P-2013 - S.Y.B.A. Third Semes	7	5	71	82
Marathi (Op)-VI	- Regular - P-2013 - S.Y.B.A. Third Semes	7	6	85	81
Geography-V	- Regular - P-2013 - S.Y.B.A. Third Semes	2	2	100	83
Geography-VI	- Regular - P-2013 - S.Y.B.A. Third Semes	2	2	100	81
Psychology-V	- Regular - P-2013 - S.Y.B.A. Third Semes	11	7	63	71



राज्यातील सर्व शाळा
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 शतवर्षीय
 1912-2012

Public Administration-VIII	- Regular - P-2013 - S.Y.B.A. Fourth Semes	6	5	83	76
Hindi (SL) -IV	- Regular - P-2013 - S.Y.B.A. Fourth Semes	41	32	78	71
Marathi (SL) -IV	- Regular - P-2013 - S.Y.B.A. Fourth Semes	50	20	40	55
Economics-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	2	100	79
Economics-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	2	100	89
English-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	4	3	75	88
English-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	4	3	75	80
English-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	1	50	89
Geography-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	1	50	86
Geography-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	1	50	90
Geography-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	1	100	88
Hindi-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	2	100	61
Hindi-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	1	50	77
Hindi-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	2	2	100	80
History-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	1	100	84
History-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	1	100	91
Marathi-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	0	0	71
Marathi-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	0	0	80
Political Science-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	1	100	90
Political Science-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	0	0	71
Psychology-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	5	4	80	89
Psychology-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	5	4	80	90
Psychology-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	1	100	85
Sociology-IX	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	3	1	33	89
Sociology-X	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	3	1	33	83
Sociology-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	1	0	0	89
Marathi-XI	A - Regular - P-2013 - T.Y.B.A. Fifth Semes	0	0	0	81
Economics-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	15	9	60	70
Economics-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	2	0	0	82
Economics-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	15	12	80	79
Project Based on(Paper-XII & XIII)	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	2	0	0	90
English-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	22	12	54	76
English-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	22	12	54	82



Teachings

English-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	6	4	66	89
Project Based on(Paper-XII & P	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	6	2	33	94
Geography-XII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	36	32	88	86
Geography-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	36	30	83	80
Geography Practical-I	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	36	31	86	93
Geography-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	19	15	78	81
Geography Project	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	19	17	89	93
Hindi-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	22	18	81	82
Hindi-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	22	19	86	78
Hindi-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	8	7	87	77
Project Based on(Paper-XII & Pa	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	8	8	100	91
History-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	23	23	100	92
History-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	3	2	66	83
Project Based on(Paper-XII & Pa	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	3	3	100	90
History-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	23	19	82	89
Marathi-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	28	5	17	31
Marathi-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	28	13	46	58
Marathi-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	11	5	45	51
Project Based on(Paper-XII & P	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	11	8	72	89
Political Science-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	17	17	100	85
Political Science-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	17	14	82	60
Political Science-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	4	4	100	69
Project Based on(Paper-XII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	4	4	100	91
Psychology-XII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	35	30	85	79
Psychology-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	35	30	85	83
Psychology Practical-I	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	35	27	77	92
Psychology-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	16	11	68	83
Psychology Project	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	16	10	62	93
Psychology Practical-II	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	16	10	62	93
Public Administration-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	7	5	71	78
Public Administration-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	7	6	85	88
Public Administration-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	1	1	100	75
Project Based on(Paper	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	1	1	100	89



Sociology-XIII	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	14	11	78	75
Sociology-XIV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	14	12	85	81
Sociology-XV	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	3	1	33	80
Project Based on(Paper-XII & A	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	3	1	33	91
Geography Practical-II	A - Regular - P-2013 - T.Y.B.A. Sixth Semes	19	18	94	94

Tachum



Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2021

Bachelor of Commerce (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
ART-131	Paper-I English	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	1	100	90
COM-131	Paper III - IT App. in Business I	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	0	0	90
COM-132	Paper IV - Entrepreneurship Development	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	0	0	90
COM-133	Paper V - Business & Industrial Economics	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	1	100	92
COM-134	Paper VI - Business mathematics & Statistics	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	1	100	81
COM-135	Paper-VII Financial Accounting-I	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	0	0	81
ART-132	Paper-II Marathi-SL	n - Regular - P-2013 - F.Y.B.Com. First Sem	1	1	100	97
ART-1-13	Paper VIII - English	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	85
COM-1-13	Paper X - IT App. In Business II	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	0	0	83
COM-2-13	Paper XI - Entrepreneurship Development	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	97
COM-3-13	Paper XII - Business & Industrial Economics	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	96
COM-4-13	Paper XIII - Business Mathematics & Statistics	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	93
COM-5-13	Paper XIV - Financial Accounting-II	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	85
ART-2-13	Paper-IX Marathi-SL	n - Regular - P-2013 - F.Y.B.Com. Second Sem	1	1	100	95
ART-1-13	Paper XV - English	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	2	66	86
COM-1-13	Paper XVII - IT App. in Business-III	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	3	100	91
COM-2-13	Paper XVIII - Principles of Business Management-I	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	2	66	97
COM-3-13	Paper XIX - Corporate Accounting-I	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	3	100	88
COM-4-13	Paper XX - Business Regulatory Framework-I	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	2	66	96
COM-6-13	Paper XXI-Financial Management-I	n - Regular - P-2013 - S.Y.B.Com. Third Sem	3	2	66	96
ART-2-13	Paper-XVI Marathi-SL	n - Regular - P-2013 - S.Y.B.Com. Third Sem	1	1	100	96
ART-7-13	Paper-XVII Hindi-SL	n - Regular - P-2013 - S.Y.B.Com. Third Sem	2	2	100	98
ART-41-13	English	n - Regular - P-2013 - S.Y.B.Com. Fourth Sem	3	2	66	85
COM-41-13	IT Application in Business-IV	n - Regular - P-2013 - S.Y.B.Com. Fourth Sem	3	2	66	85
COM-42-13	Principles of Business Management-II	n - Regular - P-2013 - S.Y.B.Com. Fourth Sem	3	2	66	91



COM-43-13	Corporate Accounting-II	- Regular - P-2013 - S.Y.B.Com, Fourth Sem	3	2	66	77
COM-44-13	Business Regulatory Framework-II	- Regular - P-2013 - S.Y.B.Com, Fourth Sem	3	2	66	91
COM-46-13	Financial Management	- Regular - P-2013 - S.Y.B.Com, Fourth Sem	3	2	66	88
ART-42-13	Marathi-SL	- Regular - P-2013 - S.Y.B.Com, Fourth Sem	1	1	100	92
ART-47-13	Hindi-SL	- Regular - P-2013 - S.Y.B.Com, Fourth Sem	2	1	50	87
COM-121-13	Advanced Financial Accounting -II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	79
COM-122-13	Management Accounting -II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	85
COM-123-13	Cost Accounting -II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	82
COM-124-13	Indirect Taxes & Direct Taxes-II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	92
COM-125-13	New Auditing Trends-II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	88
COM-126-13	Banking & Insurance -II	- Regular - P-2013 - T.Y.B.Com, Sixth Sem	1	1	100	92
COM-135	Paper-I Financial Accounting-I	- Regular - P-2018 - First Year Fin	32	28	87	84
COM-134	Paper-II Business mathematics & Statistics	- Regular - P-2018 - First Year Fin	32	31	96	76
COM-133	Paper-III Business & Industrial Economics	- Regular - P-2018 - First Year Fin	32	30	93	88
COM-132	Paper-IV Computer Application in Business	- Regular - P-2018 - First Year Fin	32	27	84	84
ART-131	English	- Regular - P-2018 - First Year Fin	32	31	96	89
COM-201	Entrepreneurship Development-I	- Regular - P-2018 - First Year Fin	30	25	83	83
COM-202	Office Management	- Regular - P-2018 - First Year Fin	2	2	100	75
ART-132	Paper-VI Marathi-SL	- Regular - P-2018 - First Year Fin	15	13	86	93
ART-137	Paper-VI Hindi -SL	- Regular - P-2018 - First Year Fin	17	17	100	94
COM-231	English	- Regular - P-2018 - First Year Sec	56	40	71	75
COM-232	Financial Accounting II	- Regular - P-2018 - First Year Sec	56	49	87	83
COM-233	Business Mathematics & Statistics II	- Regular - P-2018 - First Year Sec	56	49	87	86
COM-234	Business Organization and Management	- Regular - P-2018 - First Year Sec	56	50	89	87
COM-203	Entrepreneurship Development-II	- Regular - P-2018 - First Year Sec	56	49	87	85
COM-204	Office Management-II	- Regular - P-2018 - First Year Sec	0	0	0	84
COM-235	Business Communication & IT Application	- Regular - P-2018 - First Year Sec	56	46	82	87
COM-SL-131	Marathi-SL	- Regular - P-2018 - First Year Sec	27	17	62	70
COM-SL-136	Hindi -SL	- Regular - P-2018 - First Year Sec	29	24	82	76
COM-SL-131	Marathi-SL	- Regular - P-2018 - Second Year T	12	12	100	89
COM-SL-136	Hindi -SL	- Regular - P-2018 - Second Year T	13	10	76	79
COM-303	Corporate Account-I	- Regular - P-2018 - Second Year T	25	20	80	88
COM-301	English	- Regular - P-2018 - Second Year T	25	20	80	80



PRINCIPAL
Rajeshi Shambhaji Chavan
Principal
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Principal
Rajeshi Shambhaji Chavan
Principal

2018

COM-304	Cost Account-I	Credits) - Regular - P-2018 - Second Year T	25	24	96	89
COM-305	I.T. Application in Business-I	Credits) - Regular - P-2018 - Second Year T	25	23	92	92
COM-306	GST Account-I	Credits) - Regular - P-2018 - Second Year T	25	25	100	92
COM-307	Banking	Credits) - Regular - P-2018 - Second Year T	25	25	100	92
COM-SL-131	Marathi-SL	redits) - Regular - P-2018 - Second Year Fc	31	29	93	87
COM-SL-136	Hindi -SL	redits) - Regular - P-2018 - Second Year Fc	39	34	87	84
COM-401	English	redits) - Regular - P-2018 - Second Year Fc	70	47	67	78
COM-403	Corporate Account-II	redits) - Regular - P-2018 - Second Year Fc	70	42	60	76
COM-404	Cost Accounting-II	redits) - Regular - P-2018 - Second Year Fc	70	53	75	86
COM-405	I.T. Application In Business-II	redits) - Regular - P-2018 - Second Year Fc	70	62	88	90
COM-406	Lab-I.T.Application in Business-II	redits) - Regular - P-2018 - Second Year Fc	70	69	98	99
COM-407	Goods and Services Tax-II	redits) - Regular - P-2018 - Second Year Fc	70	54	77	82
COM-408	Insurance	redits) - Regular - P-2018 - Second Year Fc	70	62	88	87
COM-501	Advanced Financial Accounting-I	Credits) - Regular - P-2018 - Third Year Fi	8	6	75	89
COM-502	Management Accounting-I	Credits) - Regular - P-2018 - Third Year Fi	8	8	100	90
COM-503	Auditing	Credits) - Regular - P-2018 - Third Year Fi	8	7	87	91
COM-504	Business Regulatory Framework	Credits) - Regular - P-2018 - Third Year Fi	8	8	100	91
COM-505	Computerized Accounting	Credits) - Regular - P-2018 - Third Year Fi	8	8	100	93
COM-507	Jral Development & Agricultural Busine	Credits) - Regular - P-2018 - Third Year Fi	8	8	100	92
COM-601	Advanced Financial Accounting - II	Credits) - Regular - P-2018 - Third Year St	43	28	65	74
COM-602	Management Accounting - II	Credits) - Regular - P-2018 - Third Year St	43	39	90	89
COM-603	Direct Tax	Credits) - Regular - P-2018 - Third Year St	43	32	74	88
COM-604	Business Regulatory Framework - II	Credits) - Regular - P-2018 - Third Year St	43	40	93	92
COM-605	Computerized Accounting - II	Credits) - Regular - P-2018 - Third Year St	43	41	95	93
COM-607	Project Management Finance	Credits) - Regular - P-2018 - Third Year St	43	31	72	72



Tachum's
PROFESSIONAL

Rajarshi Shahu Arts, Comm. & Science
College Pattni, Ra. P. Dist. Mumbai,
India. - 431111
Dist. Aurangabad, (M.S.) INDIA.- 431111

Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2021

Bachelor of Science (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
ENG-CO-131	English-Comp Paper-I	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	158	153	96	92
MATH-1-13	Mathematics Paper-I	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	72	22	30	48
MATH-2-13	Mathematics-II	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	72	59	81	67
HIN-SL-131	Hindi (SL) Paper-I	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	110	106	96	96
MAR-SL-131	Marathi (SL) Paper-I	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	48	48	100	94
CHEM-1-13	Chemistry-I (Inorganic)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	151	142	94	86
CHEM-2-13	Chemistry-II (Organic)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	151	139	92	81
CS-1-13	Computer Science-I (Computer Fundamentals)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	16	16	100	89
CS-2-13	Computer Science-II (Digital Electronics)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	16	16	100	87
PHY-1-13	Physics-I (Mechanics and Properties of Matter)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	92	78	84	79
PHY-2-13	Physics-II (Heat and Thermodynamics)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	92	73	79	72
BOT-1-13	Botany-I (Diversity of Cryptogams)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	66	62	93	86
BOT-2-13	Botany-II (Morphology of Angiosperms)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	66	63	95	87
GEL-1-13	Geology-I (Mineralogy and Crystallography)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	14	13	92	80
GEL-2-13	Geology-II (General Geology & Structural Geology)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	14	13	92	84
ZOL-1-13	Zoology-I (Protozoa to Annelida)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	63	46	73	82
ZOL-2-13	Zoology-II (Cell Biology)	Sc - Regular - P-2013 - F.Y.B.Sc. First Semest	63	60	95	85
ENG-CO-132	English-Comp -II	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	306	282	92	80
HIN-SL-132	Hindi (SL) -II	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	205	195	95	80
MAR-SL-132	Marathi (SL) -II	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	101	92	91	86
CHEM-1-13	Chemistry-IV	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	292	275	94	86
CHEM-2-13	Chemistry-V	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	292	278	95	85
CHEM-3-13	Chemistry-Pr (III & VI)	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	292	276	94	95
CS-1-13	Computer Science-IV	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	45	42	93	88
CS-2-13	Computer Science-V	Sc - Regular - P-2013 - F.Y.B.Sc. Second Semest	45	39	86	79



CS-3-13	Computer Sci-Pr (III & VI)	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	45	42	93	94
ZOL-3-13	Zoology- Pr (III & VI)	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	146	140	95	93
ZOL-1-13	Zoology-IV	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	146	139	95	87
ZOL-2-13	Zoology-V	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	146	139	95	85
GEL-3-13	Geology Pr- (III & VI)	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	32	31	96	88
GEL-2-13	Geology-V	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	32	29	90	80
GEL-1-13	Geology-IV	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	32	31	96	75
MATH-2-13	Maths-IV	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	98	80	81	45
MATH-1-13	Maths-III	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	98	78	79	48
BOT-3-13	Botany Pr- (III & VI)	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	150	143	95	94
BOT-2-13	Botany-V	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	150	144	96	88
BOT-1-13	Botany-IV	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	150	145	96	89
PHY-3-13	Physics- Pr (III & VI)	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	155	154	99	93
PHY-2-13	Physics-V	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	155	63	40	46
PHY-1-13	Physics-IV	c - Regular - P-2013 - F.Y.B.Sc. Second Sem	155	103	66	67
ENG-CO-133	English-Comp-III	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	27	21	77	84
HIN-SL-133	Hindi (SL)-III	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	22	18	81	90
MAR-SL-133	Marathi (SL)-III	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	5	3	60	90
CHEM-4-13	Chemistry-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	26	19	73	79
CHEM-5-13	Chemistry-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	26	20	76	90
CS-4-13	Computer Science-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	5	3	60	90
CS-5-13	Computer Science-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	5	3	60	91
ZOL-4-13	Zoology-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	9	7	77	87
ZOL-5-13	Zoology-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	9	8	88	88
PHY-4-13	Physics-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	14	8	57	77
PHY-5-13	Physics-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	14	9	64	86
GEL-5-13	Geology-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	8	6	75	76
GEL-4-13	Geology-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	8	5	62	82
BOT-4-13	Botany-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	9	6	66	90
BOT-5-13	Botany-VIII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	9	7	77	88
MATH-4-13	Maths-VI	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	10	8	80	60
MATH-3-13	Maths-V	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	10	8	80	80
MATH-5-13	Maths-VII	c - Regular - P-2013 - S.Y.B.Sc. Third Semes	10	8	80	72



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Rajarshi Shahu Arts, Commerce & Science

ENG-CO-134	English-Comp-IV	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	210	178	84	79
CHEM-6-13	Chemistry-X	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	207	200	96	89
CHEM-7-13	Chemistry-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	207	194	93	86
CHEM-8-13	Chemistry-Pr-IX	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	207	200	96	94
CHEM-9-13	Chemistry-Pr-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	207	200	96	94
CS-6-13	Computer Science-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	38	35	92	89
CS-7-13	Computer Science-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	38	34	89	91
CS-8-13	Computer Sci.-Pr-(IX & XIII)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	38	38	100	95
CS-9-13	Computer Sci.-Pr-(X & XIV)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	38	38	100	95
PHY-6-13	Physics-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	107	97	90	87
PHY-7-13	Physics-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	107	90	84	70
PHY-8-13	Physics-Pr-(IX & XIII)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	107	107	100	94
PHY-9-13	Physics-Pr-(X & XIV)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	107	107	100	94
BOT-6-13	Botany-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	95	96	90
BOT-7-13	Botany-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	96	97	91
BOT-8-13	Botany-Pr-(IX & XIII)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	92	93	94
BOT-9-13	Botany-Pr-(X & XIV)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	92	93	94
MATH-8-13	Mathematics-X	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	51	45	88	77
MATH-6-13	Mathematics-VIII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	51	45	88	64
MATH-7-13	Mathematics-IX	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	51	40	78	45
GEL-6-13	Geology-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	31	27	87	81
GEL-7-13	Geology-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	31	27	87	79
GEL-8-13	Geology-Pr-(IX & XIII)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	31	31	100	88
GEL-9-13	Geology-Pr-(X & XIV)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	31	31	100	87
ZOI-6-13	Zoology-XI	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	97	98	88
ZOI-7-13	Zoology-XII	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	96	97	90
ZOI-8-13	Zoology-Pr-(IX & XIII)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	92	93	94
ZOI-9-13	Zoology-Pr-(X & XIV)	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	98	92	93	94
HIN-SL-134	Hindi (SL) Paper-IV	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	142	129	90	82
MAR-SL-134	Marathi (SL) Paper-IV	c - Regular - P-2013 - S.Y.B.Sc. Fourth Semes	68	49	72	64
CHEM-10-13	Chemistry-XIII	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	25	24	96	89
CHEM-11-13	Chemistry-XIV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	25	24	96	88
CS-10-13	Computer Science-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	4	4	100	94



Dr. Acharya

PHY-10-13	Physics-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	17	13	76	85
PHY-11-13	Physics-XVI	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	17	15	88	91
BOT-10-13	Botany-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	18	18	100	94
BOT-11-13	Botany-XVI(A)	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	18	18	100	93
MATH-9-13	Mathematics-XI(501)	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	12	5	41	63
MATH-10-13	Mathematics-XII(502)	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	12	7	58	83
MATH-11-13	Mathematics-XIII(503)	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	12	8	66	85
GEL-10-13	Geology-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	17	15	88	85
GEL-11-13	Geology-XVI	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	17	15	88	90
ZOL-10-13	Zoology-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	18	18	100	94
CS-11-13	Computer Science-XVI	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	4	4	100	94
ZOL-11-13	Zoology-XVI	Sc - Regular - P-2013 - T.Y.B.Sc. Fifth Semest	18	17	94	91
CHEM-13-13	Chemistry-XVII	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	155	139	89	86
CHEM-12-13	Chemistry-XVI	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	155	139	89	81
CHEM-14-13	Chemistry-P-XV	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	155	150	96	97
CHEM-15-13	Chemistry-P-XVIII	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	155	150	96	97
CS-12-13	Computer Science-XIX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	19	18	94	94
CS-13-13	Computer Science-XX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	19	17	89	93
CS-14-13	Computer Sci.-Pr-(XVII & XXI)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	19	17	89	98
CS-15-13	Computer Sci.-Pr-(XVIII & XXII)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	19	17	89	98
PHY-12-13	Physics-XIX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	83	72	86	86
PHY-13-13	Physics-XX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	83	69	83	85
PHY-14-13	Physics-Pr-(XVII & XXI)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	83	82	98	97
PHY-15-13	Physics-Pr-(XVIII & XXII)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	83	82	98	97
BOT-15-13	Botany-XIX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	84	76	90	86
BOT-16-13	Botany-XX(A)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	84	81	96	92
BOT-20-13	Botany-Pr-(XVII & XXI)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	84	80	95	97
BOT-21-13	Botany-Pr-(XVIII & XXII)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	84	80	95	97
MATH-14-13	Mathematics-XIV(601)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	70	24	34	47
GEL-12-13	Geology-XIX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	41	34	82	89
GEL-13-13	Geology-XX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	41	36	87	85
GEL-14-13	Geology-Pr -(XVII & XXI)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	41	40	97	97
GEL-15-13	Geology-Pr -(XVII & XXII)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	41	40	97	97



ZOL-12-13	Zoology-XIX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	85	77	90	88
ZOL-13-13	Zoology-XX	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	85	81	95	80
ZOL-14-13	Zoology-Pr -(XVII & XXI)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	85	84	98	97
ZOL-15-13	Zoology-Pr -(XVIII & XXII)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	85	84	98	97
MATH-15-13	Mathematics-XV(602)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	70	55	78	82
MATH-16-13	Mathematics-XVI(603)	Sc - Regular - P-2013 - T.Y.B.Sc. Sixth Semest	70	49	70	63

Rajarshi Shahu Arts, Comm. & Science
College Padur, Tq: Phulambri
Dist: Aurangabad, (M.S.) INDIA - 431431



Term Wise Institute Level Paper Wise Pass Fail Result Statistics
Exam Event: Mar/Apr-2021
B.Voc (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
ACC1101	E-Commerce	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1102	Soft Skill for Business	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1103	Auditing	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1201-T	Corporate Accounting	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1202-a-T	Management Accounting-II	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1204-a-P	Management Accounting-II-Practical	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1205-P	Project Report-II	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1206-P	In-Plant Training-III	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
ACC1203-P	Corporate Accounting-Practical	B.Voc.(Accounting)(with Credits) - R	14	14	100	100
BAN1101	E-Commerce	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1102	Soft Skill for Business	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1103	Auditing	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1201-T	Microfinance Operations XVI	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1203-P	Microfinance Operations XVI-Practical	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1202-a-T	International Financial Market XVII	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1204-a-P	International Financial Market XVII-Prac	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
BAN1205-P	Project Report-II	B.Voc.(Banking)(with Credits) - Regu	13	13	100	100
BAN1206-P	In-Plant Training-III	B.Voc.(Banking)(with Credits) - Regu	13	12	92	97
CHN1101	E-Commerce	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1102	Soft Skill for Business	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1103	Auditing	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1201-T	Programming In C++	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1203-P	Programming in C++ -Practical	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1202-a-T	Network Essential & Management	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1204-a-P	Network Essential & Management-Prac	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1205-P	Project-II	B.Voc.(Computer Hardware & Netw	10	10	100	100
CHN1206-P	Internship Training-IV	B.Voc.(Computer Hardware & Netw	10	10	100	100



Rajarshi Shahu Arsts, Commerce & Science College, Pathri
Term Wise Institute Level Paper Wise Pass Fail Result Statistics
Exam Event: Mar/Apr-2021

M.Sc. Zoology (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
ZOO-401	Taxonomy and Animal Diversity	M.Sc.Zoology/(with Credits) - Reg	3	3	100	95
ZOO-402	Ecology	M.Sc.Zoology/(with Credits) - Reg	3	3	100	95
ZOO-403	Biochemistry	M.Sc.Zoology/(with Credits) - Reg	3	3	100	95
ZOO-441	Practicals Based on ZOO-401	M.Sc.Zoology/(with Credits) - Reg	3	3	100	85
ZOO-442	Practicals Based on ZOO-402	M.Sc.Zoology/(with Credits) - Reg	3	3	100	85
ZOO-443	Practicals Based on ZOO-403	M.Sc.Zoology/(with Credits) - Reg	3	3	100	85
ZOO-421	Helminthology-I	M.Sc.Zoology/(with Credits) - Reg	3	3	100	89
ZOO-444	Practicals based on ZOO-421	M.Sc.Zoology/(with Credits) - Reg	3	3	100	82
ZOO-411	General Animal Physiology	M.Sc.Zoology/(with Credits) - Reg	32	31	96	96
ZOO-412	Genetics	M.Sc.Zoology/(with Credits) - Reg	32	32	100	97
ZOO-413	Cell Biology	M.Sc.Zoology/(with Credits) - Reg	32	32	100	97
ZOO-451	Practicals Based on ZOO-411	M.Sc.Zoology/(with Credits) - Reg	32	29	90	95
ZOO-452	Practicals Based on ZOO-412	M.Sc.Zoology/(with Credits) - Reg	32	29	90	94
ZOO-453	Practicals Based on ZOO-413	M.Sc.Zoology/(with Credits) - Reg	32	29	90	94
ZOO-431	Helminthology-II	M.Sc.Zoology/(with Credits) - Reg	32	31	96	93
ZOO-454	Practicals based on ZOO-431	M.Sc.Zoology/(with Credits) - Reg	32	29	90	92
ZOO-501	Evaluation & Animal Behavior	M.Sc.Zoology/(with Credits) - Reg	1	1	100	93
ZOO-502	Quantitative Biology	M.Sc.Zoology/(with Credits) - Reg	1	1	100	93
ZOO-503	Fundamental Processes	M.Sc.Zoology/(with Credits) - Reg	1	1	100	93
ZOO-521	Fishery Science I	M.Sc.Zoology/(with Credits) - Reg	1	1	100	88
ZOO-541	Practical Based on ZOO-501	M.Sc.Zoology/(with Credits) - Reg	1	1	100	100
ZOO-542	Practical Based on ZOO-502	M.Sc.Zoology/(with Credits) - Reg	1	1	100	100
ZOO-543	Practical Based on ZOO-503	M.Sc.Zoology/(with Credits) - Reg	1	1	100	100
ZOO-544	Practical Based on ZOO-521	M.Sc.Zoology/(with Credits) - Reg	1	1	100	100
ZOO 581	Pisciculture	M.Sc.Zoology/(with Credits) - Reg	1	1	100	100



ZOO-511	Developmental Biology	M.Sc.Zoology(with Credits) - Reg	20	19	95	98
ZOO-512	Methods in Biology	M.Sc.Zoology(with Credits) - Reg	20	20	100	99
ZOO-513	Applied Zoology	M.Sc.Zoology(with Credits) - Reg	20	20	100	99
ZOO-531	Fishery Science-II	M.Sc.Zoology(with Credits) - Reg	20	20	100	95
ZOO-551	Practical Based on ZOO-511	M.Sc.Zoology(with Credits) - Reg	20	20	100	99
ZOO-552	Practical Based on ZOO-512	M.Sc.Zoology(with Credits) - Reg	20	20	100	99
ZOO-553	Practical Based on ZOO-513	M.Sc.Zoology(with Credits) - Reg	20	20	100	99
ZOO-554	Practical Based on ZOO-531	M.Sc.Zoology(with Credits) - Reg	20	20	100	98
ZOO-561	Project Work	M.Sc.Zoology(with Credits) - Reg	20	20	100	99

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PROJN. CONTROL

Department of Zoology, Government College, Pune
 (Autonomous Institute, Reg. No. PUN/100/1997)
 Dist. Aurangabad, (M.S.) INDIA - 431113



Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2021

M.Sc. Chemistry (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
CHE-101	Analytical Chemistry	M.Sc. Chemistry(with Credits) - Regular -	4	4	100	87
CHE-102	Inorganic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	4	4	100	88
CHE-103	Organic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	4	4	100	84
CHE-104	Physical Chemistry	M.Sc. Chemistry(with Credits) - Regular -	4	4	100	83
CHE-205	Spectroscopic Methods of Analysis	M.Sc. Chemistry(with Credits) - Regular -	35	34	97	97
CHE-206	Inorganic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	35	34	97	96
CHE-207	Organic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	35	33	94	92
CHE-208	Physical Chemistry	M.Sc. Chemistry(with Credits) - Regular -	35	34	97	96
CHE-209	Laboratory Course (General & Analytical)	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	99
CHE-210	Laboratory Course (Inorganic Chemistry)	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	99
CHE-211	Laboratory Course (Organic Chemistry)	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	99
CHE-212	Laboratory Course (Physical Chemistry)	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	99
CHE-313	Structural Elucidation by Spectral Methods	M.Sc. Chemistry(with Credits) - Regular -	1	1	100	70
CHEO-314	Organic Synthesis	M.Sc. Chemistry(with Credits) - Regular -	1	1	100	92
CHEO-315	Asymmetric Synthesis & Bio-Organic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	1	1	100	96
CHEO-316	Photochemistry, Free Radicals & Pericyclic Reaction	M.Sc. Chemistry(with Credits) - Regular -	1	1	100	91
CHESC 301	Structural Elucidation by Spectral Method	M.Sc. Chemistry(with Credits) - Regular -	1	0	0	90
CHEO-417	Organic Synthesis: Retrosynthetic Approach	M.Sc. Chemistry(with Credits) - Regular -	35	34	97	89
CHEO-418	Advanced Organic and Heterocyclic Chemistry	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	96
CHEO-419	Chemistry of Natural Products	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	97
CHEO-420	Medicinal Chemistry	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	97
CHEO-421	Laboratory Course (Organic)-I	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	98
CHEO-422	Laboratory Course (Organic)-II	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	98
CHEO-423	Laboratory Course (Organic)-III	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	98
CHEO-424	Research Project Work (Organic)	M.Sc. Chemistry(with Credits) - Regular -	35	35	100	98



Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2021

M.Sc. Physics (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage	University Passing Percentage
PHY-401	Mathematical Methods in Physics	Credits) - Regular - Affiliated P-2015 - First Year	4	3	75	88
PHY-402	Classical Mechanics	Credits) - Regular - Affiliated P-2015 - First Year	4	2	50	92
PHY-403	Quantum Mechanics-I	Credits) - Regular - Affiliated P-2015 - First Year	4	3	75	88
PHY-404	Linear & Digital Electronics	Credits) - Regular - Affiliated P-2015 - First Year	4	3	75	97
PHY-451	Lab course 1 (General Physics + Nuclear Physics)	Credits) - Regular - Affiliated P-2015 - First Year	4	4	100	97
PHY-452	Lab course 2 (Condensed Matter Physics + Electrodynamics)	Credits) - Regular - Affiliated P-2015 - First Year	4	4	100	97
PHY-453	Seminars / Tutorials	Credits) - Regular - Affiliated P-2015 - First Year	4	4	100	97
PHY-405	Quantum Mechanics- II	Credits) - Regular - Affiliated P-2015 - First Year	28	23	82	74
PHY-406	Statistical Mechanics	Credits) - Regular - Affiliated P-2015 - First Year	28	27	96	95
PHY-407	Electrodynamics & Plasma Physics	Credits) - Regular - Affiliated P-2015 - First Year	28	27	96	96
PHY-408	Atomic & Molecular Physics	Credits) - Regular - Affiliated P-2015 - First Year	28	27	96	91
PHY-454	Lab Course 3 (General Physics + Nuclear Physics)	Credits) - Regular - Affiliated P-2015 - First Year	28	28	100	98
PHY-455	Lab Course 4 (Condensed Matter Physics + Electrodynamics)	Credits) - Regular - Affiliated P-2015 - First Year	28	28	100	98
PHY-456	Seminars / Tutorials	Credits) - Regular - Affiliated P-2015 - First Year	28	28	100	97
PHY-409	General Condensed Matter Physics	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	97
PHY-410	General Nuclear Physics	Credits) - Regular - Affiliated P-2015 - Second Year	3	2	66	90
PHY-459	Seminars / Tutorials	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	100
PHY-411	D1 - Crystallography	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	100
PHY-457	Lab course 5 (D1)	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	100
PHY-412	D2 - Material Properties and Superconductivity	Credits) - Regular - Affiliated P-2015 - Second Year	3	2	66	66
PHY-458	Lab course 6 (D2)	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	100
OLE 101	Laser in its Application	Credits) - Regular - Affiliated P-2015 - Second Year	3	3	100	90
PHY-413	Numerical Methods in Physics	Credits) - Regular - Affiliated P-2015 - Second Year	28	26	92	92
PHY-421 E7	Physics of Nanomaterials	Credits) - Regular - Affiliated P-2015 - Second Year	28	27	96	98



PHY-414 D3	Magnetism & Superfluidity	credits) - Regular - Affiliated P-2015 - Second Y	28	25	89	89
PHY-415 D4	Material Synthesis & Characterization	redits) - Regular - Affiliated P-2015 - Second Y	28	28	100	100
PHY-460	Lab course 7 (D3)	redits) - Regular - Affiliated P-2015 - Second Y	28	28	100	100
PHY-461	Project	redits) - Regular - Affiliated P-2015 - Second Y	28	28	100	98
PHY-462	Seminars/Tutorials	redits) - Regular - Affiliated P-2015 - Second Y	28	28	100	99

Tachum

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Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2022

Bachelor of Arts (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
ENG-CO-131	English-Comp Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	14	12	85
ENG-1-13	English (Op) Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	4	4	100
ENG-2-13	English (Op) Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	4	4	100
HIN-1-13	Hindi (Op) Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	7	6	85
HIN-2-13	Hindi (Op) Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	7	5	71
MAR-1-13	Marathi (Op) Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	3	3	100
MAR-2-13	Marathi (Op) Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	3	3	100
GEO-1-13	Geography-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	9	9	100
GEO-2-13	Geography-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	9	9	100
PSY-1-13	Psychology -I	B.A - Regular - P-2013 - F.Y.B.A. Firs	5	5	100
PSY-2-13	Psychology -II	B.A - Regular - P-2013 - F.Y.B.A. Firs	5	5	100
POL-1-13	Political Science Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	2	2	100
POL-2-13	Political Science Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	2	2	100
SBA-1-13	Sociology Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	2	1	50
SBA-2-13	Sociology Paper- II	B.A - Regular - P-2013 - F.Y.B.A. Firs	2	1	50
HIS-1-13	History Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	8	8	100
HIS-2-13	History Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	8	7	87
ECO-1-13	Economics Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	1	1	100
ECO-2-13	Economics Paper-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	1	1	100
PUB-1-13	Public Administration-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	1	0	0
PUB-2-13	Public Administration-II	B.A - Regular - P-2013 - F.Y.B.A. Firs	1	0	0
HIN-SL-131	Hindi (SL) Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	5	5	100
MAR-SL-131	Marathi (SL) Paper-I	B.A - Regular - P-2013 - F.Y.B.A. Firs	9	9	100



ENG-CO-132	English-Comp -II	B.A - Regular - P-2013 - F.Y.B.A. Sec	102	80	78
ENG-3-13	English (Op) -III	B.A - Regular - P-2013 - F.Y.B.A. Sec	29	19	65
ENG-4-13	English (Op) -IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	29	21	72
HIN-3-13	Hindi (Op)-III	B.A - Regular - P-2013 - F.Y.B.A. Sec	39	30	76
HIN-4-13	Hindi (Op) -IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	39	27	69
MAR-4-13	Marathi (Op) -IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	35	31	88
GEO-22-13	Geography -(Practical)	B.A - Regular - P-2013 - F.Y.B.A. Sec	57	56	98
GEO-3-13	Geography -III	B.A - Regular - P-2013 - F.Y.B.A. Sec	57	49	85
GEO-4-13	Geography -IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	57	52	91
PSY-4-13	Psychology-III	B.A - Regular - P-2013 - F.Y.B.A. Sec	45	29	64
PSY-5-13	Psychology-IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	45	41	91
PSY-6-13	Psychology -(Practical)	B.A - Regular - P-2013 - F.Y.B.A. Sec	45	40	88
POL-3-13	Political Science - III	B.A - Regular - P-2013 - F.Y.B.A. Sec	17	10	58
POL-4-13	Political Science-IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	17	15	88
SBA-3-13	Sociology -III	B.A - Regular - P-2013 - F.Y.B.A. Sec	23	20	86
SBA-4-13	Sociology -IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	23	19	82
HIS-3-13	History Paper-III	B.A - Regular - P-2013 - F.Y.B.A. Sec	59	39	66
HIS-4-13	History Paper-IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	59	48	81
ECO-3-13	Economics Paper-III	B.A - Regular - P-2013 - F.Y.B.A. Sec	1	0	0
ECO-4-13	Economics Paper-IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	1	1	100
PUB-3-13	Public Administration-III	B.A - Regular - P-2013 - F.Y.B.A. Sec	4	1	25
PUB-4-13	Public Administration-IV	B.A - Regular - P-2013 - F.Y.B.A. Sec	4	4	100
HIN-SL-132	Hindi (SL) -II	B.A - Regular - P-2013 - F.Y.B.A. Sec	44	43	97
MAR-SL-132	Marathi (SL) -II	B.A - Regular - P-2013 - F.Y.B.A. Sec	58	50	86
MAR-3-13	Marathi (Op) -III	B.A - Regular - P-2013 - F.Y.B.A. Sec	35	29	82
ENG-CO-133	English-Comp-III	B.A - Regular - P-2013 - S.Y.B.A. Thir	9	7	77
ENG-5-13	English (Op)-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	5	4	80
ENG-6-13	English (Op)-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	5	5	100
HIN-5-13	Hindi (Op)-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	3	3	100
HIN-6-13	Hindi (Op)-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	3	3	100
MAR-5-13	Marathi (Op)-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100



MAR-6-13	Marathi (Op)-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
GEO-5-13	Geography-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	4	4	100
GEO-6-13	Geography-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	4	4	100
PSY-7-13	Psychology-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	5	5	100
PSY-8-13	Psychology-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	5	5	100
POL-5-13	Political Science-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
POL-6-13	Political Science-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
SBA-5-13	Sociology-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	4	4	100
SBA-6-13	Sociology-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	4	4	100
HIS-5-13	History-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	2	2	100
HIS-6-13	History-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	2	2	100
ECO-5-13	Economics-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
ECO-6-13	Economics-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
PUB-5-13	Public Administration-V	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
PUB-6-13	Public Administration-VI	B.A - Regular - P-2013 - S.Y.B.A. Thir	1	1	100
HIN-SL-133	Hindi (SL)-III	B.A - Regular - P-2013 - S.Y.B.A. Thir	5	5	100
MAR-SL-133	Marathi (SL)-III	B.A - Regular - P-2013 - S.Y.B.A. Thir	4	4	100
ENG-CO-134	English-Comp -IV	B.A - Regular - P-2013 - S.Y.B.A. Fou	52	49	94
ENG-7-13	English (Op) -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	12	12	100
ENG-8-13	English (Op) -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	12	11	91
HIN-7-13	Hindi (Op) -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	20	19	95
HIN-8-13	Hindi (Op) -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	20	19	95
MAR-7-13	Marathi (Op) -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	21	19	90
MAR-8-13	Marathi (Op) -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	21	19	90
GEO-7-13	Geography -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	28	27	96
GEO-8-13	Geography -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	28	26	92
GEO-9-13	Geography(Practical)	B.A - Regular - P-2013 - S.Y.B.A. Fou	28	28	100
PSY-9-13	Psychology -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	21	87
PSY-10-13	Psychology -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	24	100
PSY-11-13	Psychology(Practical)	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	24	100
POL-7-13	Political Science -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	9	9	100



POL-8-13	Political Science -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	9	9	100
SBA-7-13	Sociology-VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	13	12	92
SBA-8-13	Sociology-VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	13	13	100
HIS-7-13	History -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	22	91
HIS-8-13	History -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	23	95
ECO-7-13	Economics -VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	6	6	100
ECO-8-13	Economics -VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	6	6	100
PUB-7-13	Public Administration-VII	B.A - Regular - P-2013 - S.Y.B.A. Fou	2	2	100
PUB-8-13	Public Administration-VIII	B.A - Regular - P-2013 - S.Y.B.A. Fou	2	2	100
HIN-SL-134	Hindi (SL) -IV	B.A - Regular - P-2013 - S.Y.B.A. Fou	28	28	100
MAR-SL-134	Marathi (SL) -IV	B.A - Regular - P-2013 - S.Y.B.A. Fou	24	22	91
ECO-9-13	Economics-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
ECO-10-13	Economics-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
ECO-11-13	Economics-XI	B.A - Regular - P-2013 - T.Y.B.A. Fift	1	1	100
ENG-9-13	English-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	1	1	100
ENG-10-13	English-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	1	1	100
GEO-10-13	Geography-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	4	4	100
GEO-11-13	Geography-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	4	4	100
GEO-12-13	Geography-XI	B.A - Regular - P-2013 - T.Y.B.A. Fift	1	1	100
HIN-9-13	Hindi-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	3	3	100
HIN-10-13	Hindi-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	3	3	100
HIN-11-13	Hindi-XI	B.A - Regular - P-2013 - T.Y.B.A. Fift	1	1	100
HIS-9-13	History-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	4	3	75
HIS-10-13	History-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	4	4	100
HIS-11-13	History-XI	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
MAR-9-13	Marathi-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
MAR-10-13	Marathi-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	0	0
POL-9-13	Political Science-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
POL-10-13	Political Science-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
PSY-12-13	Psychology-IX	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100
PSY-13-13	Psychology-X	B.A - Regular - P-2013 - T.Y.B.A. Fift	2	2	100



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PSY-14-13	Psychology-XI	B.A - Regular - P-2013 - T.Y.B.A. Fifth	1	1	100
PUB-9-13	Public Administration-IX	B.A - Regular - P-2013 - T.Y.B.A. Fifth	1	1	100
PUB-10-13	Public Administration-X	B.A - Regular - P-2013 - T.Y.B.A. Fifth	1	1	100
SBA-9-13	Sociology-IX	B.A - Regular - P-2013 - T.Y.B.A. Fifth	0	0	0
SBA-10-13	Sociology-X	B.A - Regular - P-2013 - T.Y.B.A. Fifth	0	0	0
MAR-11-13	Marathi-XI	B.A - Regular - P-2013 - T.Y.B.A. Fifth	1	1	100
ECO-12-13	Economics-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	5	2	40
ECO-14-13	Economics-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	1	0	0
ECO-13-13	Economics-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	5	5	100
ECO-15-13	Economics Project Based on(Pa	B.A - Regular - P-2013 - T.Y.B.A. Sixth	1	1	100
ENG-12-13	English-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	7	5	71
ENG-13-13	English-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	7	6	85
ENG-14-13	English-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	3	3	100
ENG-15-13	English Project Based on(Paper	B.A - Regular - P-2013 - T.Y.B.A. Sixth	3	2	66
GEO-13-13	Geography-XII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	30	29	96
GEO-14-13	Geography-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	30	29	96
GEO-16-13	Geography Practical-I	B.A - Regular - P-2013 - T.Y.B.A. Sixth	30	28	93
GEO-15-13	Geography-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	8	7	87
GEO-18-13	Geography Project	B.A - Regular - P-2013 - T.Y.B.A. Sixth	8	7	87
HIN-12-13	Hindi-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	18	18	100
HIN-13-13	Hindi-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	18	17	94
HIN-14-13	Hindi-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	8	8	100
HIN-15-13	Hindi Project Based on(Paper-X	B.A - Regular - P-2013 - T.Y.B.A. Sixth	8	8	100
HIS-12-13	History-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	24	23	95
HIS-14-13	History-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	6	6	100
HIS-15-13	History Project Based on(Paper-	B.A - Regular - P-2013 - T.Y.B.A. Sixth	6	6	100
HIS-13-13	History-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	24	22	91
MAR-12-13	Marathi-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixth	26	20	76
MAR-13-13	Marathi-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	26	24	92
MAR-14-13	Marathi-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixth	13	13	100
MAR-15-13	Marathi Project Based on(Paper	B.A - Regular - P-2013 - T.Y.B.A. Sixth	13	13	100



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 Dist. Aurangabad, (M.S.) INDIA. - 431111

POL-12-13	Political Science-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixt	16	15	93
POL-13-13	Political Science-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	16	15	93
POL-14-13	Political Science-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	4	4	100
POL-15-13	Political Science Project Based d	B.A - Regular - P-2013 - T.Y.B.A. Sixt	4	3	75
PSY-15-13	Psychology-XII	B.A - Regular - P-2013 - T.Y.B.A. Sixt	20	19	95
PSY-16-13	Psychology-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixt	20	19	95
PSY-18-13	Psychology Practical-I	B.A - Regular - P-2013 - T.Y.B.A. Sixt	20	18	90
PSY-17-13	Psychology-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	6	5	83
PSY-20-13	Psychology Project	B.A - Regular - P-2013 - T.Y.B.A. Sixt	6	5	83
PSY-19-13	Psychology Practical-II	B.A - Regular - P-2013 - T.Y.B.A. Sixt	6	5	83
PUB-12-13	Public Administration-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixt	3	3	100
PUB-13-13	Public Administration-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	3	3	100
SOC-12-13	Sociology-XIII	B.A - Regular - P-2013 - T.Y.B.A. Sixt	7	7	100
SOC-13-13	Sociology-XIV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	7	6	85
SOC-14-13	Sociology-XV	B.A - Regular - P-2013 - T.Y.B.A. Sixt	3	3	100
SOC-15-13	Sociology Project Based on(Pap	B.A - Regular - P-2013 - T.Y.B.A. Sixt	3	3	100
GEO-17-13	Geography Practical-II	B.A - Regular - P-2013 - T.Y.B.A. Sixt	8	7	87

Summary

Table

Rejareshi Shahu Arts, Comm. & Science
College Pethad, Ra. Phulembur,
Dist. Aurangabad, (M.S.) INDIA.- 431114



Rajarshi Shahu Arsts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2022

Bachelor of Commerce (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
COM-135	Paper-I Financial Accounting-I	B.Com.(with Credits) - Re	9	6	66
COM-134	Paper-II Business mathematics & Statistics I	B.Com.(with Credits) - Re	9	9	100
COM-133	Paper-III Business & Industrial Economics	B.Com.(with Credits) - Re	9	9	100
COM-132	Paper-IV Computer Application in Business-I	B.Com.(with Credits) - Re	4	3	75
ART-131	English	B.Com.(with Credits) - Re	9	9	100
COM-201	Entrepreneurship Development-I	B.Com.(with Credits) - Re	8	8	100
COM-202	Office Management	B.Com.(with Credits) - Re	1	1	100
ART-132	Paper-VI Marathi-SL	B.Com.(with Credits) - Re	4	4	100
ART-137	Paper-VI Hindi -SL	B.Com.(with Credits) - Re	5	5	100
COM-132(R)	Paper-IV Computer Application in Business-I (R)	B.Com.(with Credits) - Re	5	5	100
COM-231	English	B.Com.(with Credits) - Re	50	44	88
COM-232	Financial Accounting II	B.Com.(with Credits) - Re	50	39	78
COM-233	Business Mathematics & Statistics II	B.Com.(with Credits) - Re	50	44	88
COM-234	Business Organization and Management	B.Com.(with Credits) - Re	50	44	88
COM-203	Entrepreneurship Development-II	B.Com.(with Credits) - Re	50	45	90
COM-204	Office Management-II	B.Com.(with Credits) - Re	0	0	0
COM-235	Business Communication & IT Application	B.Com.(with Credits) - Re	5	5	100
COM-SL-131	Marathi-SL	B.Com.(with Credits) - Re	24	19	79
COM-SL-136	Hindi -SL	B.Com.(with Credits) - Re	26	22	84
COM-235(R)	Business Communication & IT Application (R)	B.Com.(with Credits) - Re	45	39	86
COM-SL-131	Marathi-SL	B.Com.(with Credits) - Re	5	5	100
COM-SL-136	Hindi -SL	B.Com.(with Credits) - Re	4	4	100
COM-303	Corporate Account-I	B.Com.(with Credits) - Re	9	8	88
COM-301	English	B.Com.(with Credits) - Re	9	8	88



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COM-304	Cost Account-I	B.Com.(with Credits) - Re	9	9	100
COM-305	I.T. Application in Business-I	B.Com.(with Credits) - Re	9	9	100
COM-306	GST Account-I	B.Com.(with Credits) - Re	9	9	100
COM-307	Banking	B.Com.(with Credits) - Re	4	4	100
COM-307	Financial Management	B.Com.(with Credits) - Re	5	5	100
COM-SL-131	Marathi-SL	B.Com.(with Credits) - Re	12	12	100
COM-SL-136	Hindi -SL	B.Com.(with Credits) - Re	20	19	95
COM-401	English	B.Com.(with Credits) - Re	32	31	96
COM-403	Corporate Account-II	B.Com.(with Credits) - Re	32	25	78
COM-404	Cost Accounting-II	B.Com.(with Credits) - Re	32	31	96
COM-405	I.T. Application in Business-II	B.Com.(with Credits) - Re	32	31	96
COM-406	Lab-I.T.Application in Business-II	B.Com.(with Credits) - Re	32	31	96
COM-407	Goods and Services Tax-II	B.Com.(with Credits) - Re	32	30	93
COM-408	Insurance	B.Com.(with Credits) - Re	29	28	96
COM-408	Business Environment	B.Com.(with Credits) - Re	3	3	100
COM-408	Advanced Financial Accounting-I	B.Com.(with Credits) - Re	2	2	100
COM-501	Management Accounting-I	B.Com.(with Credits) - Re	2	2	100
COM-502	Auditing	B.Com.(with Credits) - Re	2	2	100
COM-503	Business Regulatory Framework	B.Com.(with Credits) - Re	2	2	100
COM-504	Computerized Accounting	B.Com.(with Credits) - Re	2	2	100
COM-505	Rural Development & Agricultural Business	B.Com.(with Credits) - Re	2	2	100
COM-507	Advanced Financial Accounting - II	B.Com.(with Credits) - Re	48	46	95
COM-601	Management Accounting - II	B.Com.(with Credits) - Re	48	46	95
COM-602	Direct Tax	B.Com.(with Credits) - Re	48	46	95
COM-603	Business Regulatory Framework - II	B.Com.(with Credits) - Re	48	46	95
COM-604	Computerized Accounting - II	B.Com.(with Credits) - Re	48	46	95
COM-606	Capital Market	B.Com.(with Credits) - Re	2	1	50
COM-607	Project Management Finance	B.Com.(with Credits) - Re	46	45	97



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Rajarshi Shahu Arsts, Commerce & Science College, Pathri
Term Wise Institute Level Paper Wise Pass Fail Result Statistics
Exam Event: Mar/Apr-2022

Bachelor of Science (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
GEO-17-13	Geography Practical-II	B.A - Regular - P-2013 - T.Y.B.A. Sixt	8	7	87
ENG-CO-131	English-Comp Paper-I	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	34	34	100
MATH-1-13	Mathematics Paper-I	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	17	16	94
MATH-2-13	Mathematics-II	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	17	15	88
HIN-SL-131	Hindi (SL)Paper-I	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	23	23	100
MAR-SL-131	Marathi (SL) Paper-I	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	11	11	100
CHEM-1-13	Chemistry-I (Inorganic)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	34	34	100
CHEM-2-13	Chemistry-II (Organic)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	34	33	97
CS-1-13	Computer Science-I (Computer Fundamentals)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	6	6	100
CS-2-13	Computer Science-II (Digital Electronics)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	6	6	100
PHY-1-13	Physics-I (Mechanics and Properties of Matter)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	25	24	96
PHY-2-13	Physics-II (Heat and Thermodynamics)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	25	22	88
BOT-1-13	Botany-I (Diversity of Cryptogams)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	9	9	100
BOT-2-13	Botany-II (Morphology of Angiosperms)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	9	9	100
GEL-1-13	Geology-I (Mineralogy and Crystallography)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	2	2	100
GEL-2-13	Geology-II (General Geology & Structural Geology)	B.Sc - Regular - P-2013 - F.Y.B.Sc. Fi	2	2	100



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ZOL-1-13	Zoology-I (Protozoa to Annelida)	B.Sc - Regular - P-2013 - F.Y.B.Sc. FI	9	9	100
ZOL-2-13	Zoology-II (Cell Biology)	B.Sc - Regular - P-2013 - F.Y.B.Sc. FI	9	9	100
ENG-CO-132	English-Comp -II	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	269	248	92
HIN-SL-132	Hindi (SL) -II	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	205	174	84
MAR-SL-132	Marathi (SL) -II	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	64	59	92
CHEM-1-13	Chemistry-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	264	213	80
CHEM-2-13	Chemistry-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	264	239	90
CHEM-3-13	Chemistry-Pr (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	264	238	90
CS-1-13	Computer Science-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	37	33	89
CS-2-13	Computer Science-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	37	36	97
CS-3-13	Computer Sci-Pr (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	37	35	94
ZOL-3-13	Zoology-Pr (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	125	94
ZOL-1-13	Zoology-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	124	93
ZOL-2-13	Zoology-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	122	92
GEL-3-13	Geology Pr- (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	38	34	89
GEL-2-13	Geology-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	38	38	100
GEL-1-13	Geology-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	38	38	100
MATH-2-13	Maths-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	75	70	93
MATH-1-13	Maths-III	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	75	63	84
BOT-3-13	Botany Pr- (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	118	89
BOT-2-13	Botany-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	127	96
BOT-1-13	Botany-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	132	127	96
PHY-3-13	Physics- Pr (III & VI)	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	129	115	89
PHY-2-13	Physics-V	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	129	118	91
PHY-1-13	Physics-IV	B.Sc - Regular - P-2013 - F.Y.B.Sc. S6	129	110	85
ENG-CO-133	English-Comp-III	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	19	15	78
HIN-SL-133	Hindi (SL)-III	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	11	9	81
MAR-SL-133	Marathi (SL)-III	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	8	7	87
CHEM-4-13	Chemistry-VII	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	18	16	88
CHEM-5-13	Chemistry-VIII	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	18	16	88
CS-4-13	Computer Science-VII	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	5	4	80
CS-5-13	Computer Science-VIII	B.Sc - Regular - P-2013 - S.Y.B.Sc. TH	5	3	60



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GEL-8-13	Geology-Pr -(IX & XIII)	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	26	24	92
GEL-9-13	Geology-Pr -(X & XIV)	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	26	24	92
ZOI-6-13	Zoology-XI	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	112	105	93
ZOI-7-13	Zoology-XII	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	112	105	93
ZOI-8-13	Zoology-Pr -(IX & XIII)	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	112	102	91
ZOI-9-13	Zoology-Pr -(X & XIV)	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	112	102	91
HIN-SL-134	Hindi (SL) Paper-IV	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	153	138	90
MAR-SL-134	Marathi (SL) Paper-IV	B.Sc - Regular - P-2013 - S.Y.B.Sc. Fd	71	69	97
CHEM-10-13	Chemistry-XIII	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	11	10	90
CHEM-11-13	Chemistry-XIV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	11	11	100
CS-10-13	Computer Science-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	3	3	100
PHY-10-13	Physics-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	9	5	55
PHY-11-13	Physics-XVI	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	9	9	100
BOT-10-13	Botany-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	2	1	50
BOT-11-13	Botany-XVI(A)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	2	1	50
MATH-9-13	Mathematics-XII(501)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	8	7	87
MATH-10-13	Mathematics-XIII(502)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	8	7	87
MATH-11-13	Mathematics-XIII(503)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	8	8	100
GEL-10-13	Geology-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	1	1	100
GEL-11-13	Geology-XVI	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	1	1	100
ZOI-10-13	Zoology-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	2	2	100
CS-11-13	Computer Science-XVI	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	3	3	100
ZOI-11-13	Zoology-XVI	B.Sc - Regular - P-2013 - T.Y.B.Sc. Fi	2	2	100
CHEM-13-13	Chemistry-XVII	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	163	148	90
CHEM-12-13	Chemistry-XVI	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	163	137	84
CHEM-14-13	Chemistry-Pr-XV	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	163	159	97
CHEM-15-13	Chemistry-Pr-XVIII	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	163	158	96
CS-12-13	Computer Science-XIX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	34	34	100
CS-13-13	Computer Science-XX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	34	34	100
CS-14-13	Computer Sci.-Pr-(XVII) &	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	34	33	97
CS-15-13	Computer Sci.-Pr-(XVIII) &	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	34	33	97
PHY-12-13	Physics-XIX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	84	73	86
PHY-13-13	Physics-XX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	84	74	88



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PHY-14-13	Physics-Pr-(XVII & XXII)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	84	82	97
PHY-15-13	Physics-Pr-(XVIII & XXII)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	84	82	97
BOT-15-13	Botany-XIX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	74	97
BOT-16-13	Botany-XX(A)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	74	97
BOT-20-13	Botany-Pr-(XVII & XXI)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	74	97
BOT-21-13	Botany-Pr-(XVIII & XXII)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	74	97
MATH-14-13	Mathematics-XIV(601)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	45	45	100
GEL-12-13	Geology-XIX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	23	23	100
GEL-13-13	Geology-XX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	23	23	100
GEL-14-13	Geology-Pr-(XVII & XXI)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	23	23	100
GEL-15-13	Geology-Pr-(XVII & XXII)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	23	23	100
ZOL-12-13	Zoology-XIX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	75	98
ZOL-13-13	Zoology-XX	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	75	98
ZOL-14-13	Zoology-Pr-(XVII & XXI)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	75	98
ZOL-15-13	Zoology-Pr-(XVIII & XXII)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	76	74	97
MATH-15-13	Mathematics-XV(602)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	45	45	100
MATH-16-13	Mathematics-XVI(603)	B.Sc - Regular - P-2013 - T.Y.B.Sc. Si	45	44	97



Jagadgururaj

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Rajarshi Shahu Arts, Commerce & Science College, Pathri

Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2022

M.Sc. Zoology (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
ZOO-501	Evolution & Animal Behavior	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-502	Quantitative Biology	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-503	Fundamental Processes	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-521	Fishery Science I	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-541	Practical Based on ZOO-501	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-542	Practical Based on ZOO-502	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-543	Practical Based on ZOO-503	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-544	Practical Based on ZOO-521	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-581	Pisciculture	M.Sc. Zoology(with Credits) - Re	3	3	100
ZOO-511	Developmental Biology	M.Sc. Zoology(with Credits) - Re	28	28	100
ZOO-512	Methods in Biology	M.Sc. Zoology(with Credits) - Re	28	27	96
ZOO-513	Applied Zoology	M.Sc. Zoology(with Credits) - Re	28	28	100
ZOO-531	Fishery Science-II	M.Sc. Zoology(with Credits) - Re	28	28	100
ZOO-551	Practical Based on ZOO-511	M.Sc. Zoology(with Credits) - Re	28	27	96
ZOO-552	Practical Based on ZOO-512	M.Sc. Zoology(with Credits) - Re	28	27	96
ZOO-553	Practical Based on ZOO-513	M.Sc. Zoology(with Credits) - Re	28	27	96
ZOO-554	Practical Based on ZOO-531	M.Sc. Zoology(with Credits) - Re	28	25	89
ZOO-561	Project Work	M.Sc. Zoology(with Credits) - Re	2	2	100
IC-001	Constitution of India	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-101	BioSystematics and Animal Diversity	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-102	Biochemistry	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-103	Ecology : Principles and Practices	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-104	Research Methodology	M.Sc. Zoology(with Credits) - Re	2	1	50
ZOO-105	Helminthology-I	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-109	Practical Based on Zoo-101	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-110	Practical Based on ZOO-102	M.Sc. Zoology(with Credits) - Re	2	2	100



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ZOO-111	Practical Based on ZOO-103	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-112	Practical Based on ZOO-105	M.Sc. Zoology(with Credits) - Re	2	2	100
ZOO-201	Genetics and Bioinformatics	M.Sc. Zoology(with Credits) - Re	17	14	82
ZOO-202	Cell and Molecular Biology	M.Sc. Zoology(with Credits) - Re	17	10	58
ZOO-203	Biophysics	M.Sc. Zoology(with Credits) - Re	17	14	82
ZOO-204 & 205	Instrumentation & Biological Techniques	M.Sc. Zoology(with Credits) - Re	17	14	82
ZOO-206	Helminthology-II	M.Sc. Zoology(with Credits) - Re	17	12	70
ZOO-210	Practical Based on ZOO-201	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-211	Practical Based on ZOO-202	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-212	Practical Based on ZOO-203	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-214	Practical Based on ZOO-206	M.Sc. Zoology(with Credits) - Re	17	12	70
ZOO-213	Practical Based on ZOO-204 & 205	M.Sc. Zoology(with Credits) - Re	17	13	76



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Rajarshi Shahu Arsts, Commerce & Science College, Pathri
Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2022

M.Sc. Chemistry (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
CHEO-417	Organic Synthesis: Retrosynthetic Approach	M.Sc. Chemistry(with Credits) -	30	17	56
CHEO-418	Advanced Organic and Heterocyclic Chemistry	M.Sc. Chemistry(with Credits) -	30	27	90
CHEO-419	Chemistry of Natural Products	M.Sc. Chemistry(with Credits) -	30	30	100
CHEO-420	Medicinal Chemistry	M.Sc. Chemistry(with Credits) -	30	30	100
CHEO-421	Laboratory Course (Organic)-I	M.Sc. Chemistry(with Credits) -	30	30	100
CHEO-422	Laboratory Course (Organic)-II	M.Sc. Chemistry(with Credits) -	30	30	100
CHEO-423	Laboratory Course (Organic)-III	M.Sc. Chemistry(with Credits) -	30	30	100
CHE 205	Analytical Chemistry	M.Sc. Chemistry(with Credits) -	36	35	97
CHE 206	Inorganic Chemistry	M.Sc. Chemistry(with Credits) -	36	34	94
CHE 207	Organic Chemistry	M.Sc. Chemistry(with Credits) -	36	33	91
CHE 208	Physical Chemistry	M.Sc. Chemistry(with Credits) -	36	35	97
CHE 209	Laboratory Course (Analytical Chemistry)	M.Sc. Chemistry(with Credits) -	36	35	97
CHE 210	Laboratory Course (Inorganic Chemistry)	M.Sc. Chemistry(with Credits) -	36	35	97
CHE 211	Laboratory Course (Organic Chemistry)	M.Sc. Chemistry(with Credits) -	36	35	97
CHE 212	Laboratory Course (Physical Chemistry)	M.Sc. Chemistry(with Credits) -	36	35	97
IC-001	Constitution of India	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-101	Biosystematics and Animal Diversity	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-102	Biochemistry	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-103	Ecology : Principles and Practices	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-104	Research Methodology	M.Sc. Zoology(with Credits) - Rd	2	1	50
ZOO-105	Helminthology-I	M.Sc. Zoology(with Credits) - Rd	2	1	50
ZOO-109	Practical Based on Zoo-101	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-110	Practical Based on Zoo-102	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-111	Practical Based on Zoo-103	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-112	Practical Based on Zoo-105	M.Sc. Zoology(with Credits) - Rd	2	2	100
ZOO-201	Genetics and Bioinformatics	M.Sc. Zoology(with Credits) - Rd	17	14	82



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ZOO-202	Cell and Molecular Biology	M.Sc. Zoology(with Credits) - Re	17	10	58
ZOO-203	Biophysics	M.Sc. Zoology(with Credits) - Re	17	14	82
ZOO-204 & 205	Instrumentation & Biological Techniques and Scientific Writing	M.Sc. Zoology(with Credits) - Re	17	14	82
ZOO-206	Helminthology-II	M.Sc. Zoology(with Credits) - Re	17	12	70
ZOO-210	Practical Based on ZOO-201	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-211	Practical Based on ZOO-202	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-212	Practical Based on ZOO-203	M.Sc. Zoology(with Credits) - Re	17	13	76
ZOO-214	Practical Based on ZOO-206	M.Sc. Zoology(with Credits) - Re	17	12	70
ZOO-213	Practical Based on ZOO-204 & 205	M.Sc. Zoology(with Credits) - Re	17	13	76

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Rajarshi Shahu Arsts, Commerce & Science College, Pathri
Term Wise Institute Level Paper Wise Pass Fail Result Statistics

Exam Event: Mar/Apr-2022

M.Sc. Physics (Subject wise Result Analysis)

Paper Code	Paper Name	Course Name	Total Seat Generated	Pass	Institute Passing Percentage
PHY-405	Quantum Mechanics- II	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-406	Statistical Mechanics	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-407	Electrodynamics & Plasma Physics	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-408	Atomic & Molecular Physics	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-454	Lab Course 3 (General Physics + Nuclear	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-455	Lab Course 4 (Condensed Matter Physic	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-456	Seminars / Tutorials	M.Sc. Physics(with Credits) - Re	1	1	100
PHY-409	General Condensed Matter Physics	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-410	General Nuclear Physics	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-459	Seminars / Tutorials	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-411	D1 - Crystallography	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-457	Lab course 5 (D1)	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-412	D2 - Material Properties and Supercon	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-458	Lab course 6 (D2)	M.Sc. Physics(with Credits) - Re	4	3	75
OLE 101	Laser in its Application	M.Sc. Physics(with Credits) - Re	4	3	75
PHY-413	Numerical Methods in Physics	M.Sc. Physics(with Credits) - Re	28	28	100
PHY-421 E7	Physics of Nanomaterials	M.Sc. Physics(with Credits) - Re	28	27	96
PHY-414 D3	Magnetism & Superfluidity	M.Sc. Physics(with Credits) - Re	28	28	100
PHY-415 D4	Material Synthesis & Characterization	M.Sc. Physics(with Credits) - Re	28	28	100
PHY-460	Lab course 7 (D3)	M.Sc. Physics(with Credits) - Re	28	27	96
PHY-461	Project	M.Sc. Physics(with Credits) - Re	28	27	96
PHY-462	Seminars/Tutorials	M.Sc. Physics(with Credits) - Re	28	27	96
IC-001	Constitution of India	M.Sc. Physics(with Credits) - Re	5	5	100
PHYC 111	Mathematical Methods in Physics	M.Sc. Physics(with Credits) - Re	5	2	40
PHYC 112	Classical Mechanics	M.Sc. Physics(with Credits) - Re	5	5	100



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PHYC 113	Quantum Mechanics	M.Sc. Physics(with Credits) - Re	5	5	100
PHYC 114	Statistical Mechanics	M.Sc. Physics(with Credits) - Re	5	4	80
PHYF 115	Research Methodology	M.Sc. Physics(with Credits) - Re	5	5	100
PHYL 121	Lab Course 1(General Physics)	M.Sc. Physics(with Credits) - Re	5	5	100
PHYL 122	Lab Course 2(Computational Physics)	M.Sc. Physics(with Credits) - Re	5	5	100
PHYF 211	Foundation Course in Electronics(Linea	M.Sc. Physics(with Credits) - Re	16	16	100
PHYF 212	Foundation Course in Spectroscopy(At	M.Sc. Physics(with Credits) - Re	16	16	100
PHYF 213	Foundation Course in Nuclear Physics(Q	M.Sc. Physics(with Credits) - Re	16	16	100
PHYF 214	Foundation Course in Condensed Mat	M.Sc. Physics(with Credits) - Re	16	16	100
PHYL 221	Lab Course 3(Condensed Matter Physic	M.Sc. Physics(with Credits) - Re	16	16	100
PHYL 222	Lab Course 4(Electronics + Computatio	M.Sc. Physics(with Credits) - Re	16	16	100
PHYR 231	Research Project Part -1 (Review of Lite	M.Sc. Physics(with Credits) - Re	16	16	100

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Rajeshi Shahu Arts, Comm. & Science
College Patun, Tq. Phulambri,
Dist. Aurangabad, (M.S.) INDIA.- 431111

