

M.L.V. GOVERNMENT COLLEGE

BHILWARA-311001 (Raj.)



PROGRAMME OUTCOMES

PROGRAMME SPECIFIC OUTCOMES

COURSE OUTCOMES

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M.L.V. GOVERNMENT COLLEGE BHILWARA

The following POs, PSOs and COs are based on the syllabi set by the MDS University, Ajmer-

1. Programme Specific Outcomes of English (UG)

PSO 1 - Student is able to understand the various periods of Literature. They also learn the use of language and its pronunciation patterns.

PSO 2 - To identify different genres.

PSO 3 - Students are able to select different literary texts like plays, poems, prose, short stories and novels.

PSO 4 - To enable the students to understand literary terms like sonnet, lyric, paradox, ode etc.

PSO 5 - Student is able to understand literature in connection with socio-cultural milieu.

Programme Specific Outcomes of English (PG)

PSO 1 – Two papers offered at masters in English. One is Grammar and other is linguistics.

PSO 2 – In Grammar, students learn the usages and Communication skills in English whereas in linguistics they learn phonetics.

PSO 3 – Students enter the domain of literature and understand its relation to life with the texts of John Donne and Milton.

PSO 4 – With the world of drama, students study Shakespeare and other prominent playwrights.

PSO 5 – Students get enlightened by the writings of Bacon and other profound prose writers.

2. Programme Specific Outcomes of Economics (UG)

Economics is the evergreen subject which has high demand at both national and International level because of its utility in our day to day life

PSO 1 – To develop understanding of consumer behavior and factors of market dynamics.

PSO 2 – To develop comprehensive view of Indian Economist towards idea of economics.

PSO 3 – To develop understanding of general theories and major concepts of macro economics.

PSO 4 – To develop understanding of problem areas of Indian Economy, an overview of Indian Economy and factors determining Indian economy.

PSO 5 – To develop understanding of money economy, role of bank, monetary & fiscal policies in a money market system.

PSO 6 – Understanding of co-relation between techniques of statistics and concepts of working economy thereby qualifying and analyzing economic behavior for future predictions.

Programme Specific Outcome of Economics (PG)

PSO 1 – To develop understanding of consumer behavior and factors of market dynamics.

PSO 2 – To develop understanding of general theories and major concepts of macro economics.

PSO 3 – Understanding of co-relation between techniques of statistics

and concepts of working economy thereby qualifying and analyzing economic behavior for future predictions.

PSO 4 – Understanding of the concepts, theories of public finance, scope and function of public expenditure and public revenue. They also understand the role of government in adjustment of public expenditure and revenue, tax system.

PSO 5 – Understand various models of growth and development such as solo model, harrod-domer model.

PSO 6 – Understand various concepts of International trade like international trade policy, international trade system and theories and international finance institutions.

PSO 7 – Understand the functioning and dynamics of the markets for wage labour and study of labour force as an element in the process of production.

PSO 8 – Understand concept, policy, problems and solutions of Agriculture Economics. They also understand role of agriculture in Indian economy.

PSO 9 – Study all different branches of Economics as a whole like micro economics, macro economics, Indian economics, international economics, growth and development economics, agriculture economics and labour economics and quantitative techniques of economics.

3. Programme Specific Outcomes of Geography (UG)

The sample program outcomes of the different papers offered are presented below. After completion of the course the student will be able to:

PSO1- To understand knowledge of physical geography. They will gather knowledge about the fundamental concepts of Geography and will have a general understanding about the geomorphologic and geotectonic process and formation. Imbibing knowledge, skills and holistic understanding of the Earth, atmosphere, oceans and the planet through analysis of landform development; crustal mobility and tectonics.

PSO 2 - To understand knowledge about the physical, social, cultural aspects of Rajasthan

PSO 3 - Gain knowledge about major themes of human Geography. Acquire knowledge on the history and evolution of humans. Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations.

PSO 4 - Understand the concept of economic activity, factors affecting location of economic activity. Gain knowledge about different types of Economic activities.

PSO 5 - Know about the physical, social, cultural aspects of all continents.

PSO 6 - Know about the physical, social, cultural aspects of India.

PSO 7 - Comprehend the concept of scales and representation of data through cartograms. Learn the usages of survey instruments. Develop an idea about different types of thematic mapping techniques and projections.

Details of Program Specific Outcome of Geography (PG)

PSO 1 - This course is helpful to understand various aspects of Evolution of Geographical Thoughts.

PSO 2 - This course is helpful to understand various aspects of Structural and Dynamic Geomorphology.

PSO 3 - This course is helpful to understand analytical aspects of Principles and Theory of Economic Geography.

PSO 4 - This course is helpful to understand analytical aspects of Transportation Geography.

PSO 5 - This course is helpful to understand various aspects of Advanced Geography of India.

PSO 6 - This course is helpful to understand various analytical aspects of Agricultural Geography.

PSO 7 - This course is helpful for students to understand various aspects of Political Geography.

PSO 8 – Camp work: A topographical survey of a settlement of about 500 acres of land will be done by organizing a camp at least for a week away from the centre of the institution and maps and reports of the same will be prepared.

4. Programme Specific Outcomes of Hindi Literature (UG)

PSO 1 – To Understand the origin and development of Hindi Language & Literature

PSO 2 – To Understand poetry from the beginning with reference to Adikaal and Bhakti movement including the texts of Sant, Sufi, Krishna and Ramdhara poets.

PSO 3 – To Understand the poetry of the Reetikaal (Specially Ritibaddh, Ritisiddh and Ritisiddh)

PSO 4 - To Understand the origin and development of the modern One Act Play and Drama . (Specially with reference to Raktdhwaj)

PSO 5 - To Understand the modern poetry. (Specially from Maithilisharan Gupt to Naresh Mehta)

PSO 6 - To Understand the Origin and development of Hindi novel with reference to Jyon mehandi ke rang & To Understand the Origin and development of Hindi Story with reference to nine Stories of modern writers.

Details of Program Specific Outcome of Hindi Literature (PG)

PSO 1 - This course is helpful to understand various aspects of the origin and development of Hindi Literature.

PSO 2 - This course is helpful to understand various aspects of Indian and Western Poetic Theory.

PSO 3 - This course is helpful to understand analytical aspects of works of early Hindi Literature (Aadikaal & Bhaktikaal) with

reference to the texts of Chandbardai, Vidyapati, Kabir and Jayasi.

PSO 4 - This course is helpful to understand analytical aspects of the works of poets of Bhaktikaal & Ritikaal with reference of texts of Surdas, Tulsidas, Meera, Bihari and Ghananand.

PSO 5 - This course is helpful to understand various analytical aspects of Drama, Essay, Story and Novel with reference to the texts of Jaishankar Prasad, Hajariprasad Dwivedi, Ramchandra Shukla, Premchand etc.

PSO 6 - This course is helpful to understand various analytical aspects of the modern poetry (with reference of the texts of Maithilisharan Gupta, Jaishankar Prasad, Dinkar and Dharamvir Bharti).

PSO 7 - This course is helpful for students to understand various aspects of Linguistics.

PSO 8 - This course is helpful for students to understand various aspects of Premchand.

PSO 9 - This course is helpful to develop writing skill.

5. Programme Specific Outcomes of History (UG)

PSO 1 – Understand the Foundation of Indian Culture throughout the ages.

PSO 2 – Learn about Ancient Indian History from the stone age to 1200 AD along with socio-economic and cultural aspects.

PSO 3 – Understand the political, social, economic aspects of Medieval

India along with its culture.

PSO 4 – Able to understand the transformation of Rajasthan from the earliest times to 1949 A.D.

PSO 5 – Gain knowledge of Indian freedom movement under various leaders, Gandhian era and impact of British policies on India.

PSO 6 – Understand the major events of Modern World History.

Programme Specific Outcomes of History (PG)

PSO7 – Understand basic concepts, methods and tools of Historiography and Philosophy of History.

PSO8 – Know the historical application in tourism with special reference to Rajasthan.

PSO9 – Understand and analyze various aspects of Modern Indian History from 1858 to 1947.

PSO10 – Analyze the issues and problems of Indian Economic History (1757-1947).

PSO 11- Understand Gandhian Philosophy.

PSO 12- Understand historical evolution of ideas and philosophical thoughts of indian and western thinkers.

6. Programme Specific Outcomes of Political Science (UG)

PSO 1 - Students can understand the basics of Political theory. They can differentiate between traditional and modern Political theory .Modern Political theory concept like power, political modernization, political culture and political system which will be useful to them to understand

basics of political science.

PSO 2 - Students can develop a comprehensive approach towards politics and political system by gaining knowledge about Ancient political thinkers.

PSO 3 - Students can develop a deep knowledge of Indian Government and politics by knowing Indian constitution and other aspects of Indian politics.

PSO 4 - The knowledge of comparative politics will be useful to students to understand other countries political system and process.

PSO 5 - The knowledge of international Relations will be helpful to them to develop understanding of international Relations, international organizations, India's relationship with other countries, and other countries foreign policies.

PSO 6 - The knowledge of western political thoughts will develop a comprehensive and deep knowledge of political science concepts and theories.

Programme Specific Outcomes of Political Science (PG)

PSO1-Students can develop a comprehensive approach towards political system, political process and political dynamics of the world by gaining knowledge about various political ideologies through understand the political philosophy of eminent political thinkers. They can understand the contemporary debates on State, Government, Civil Society, emerging ideologies of feminism, environmentalism, post modernism etc.

PSO2- Students can develop a deep knowledge of the structural and functional aspects of Indian Government by knowing Indian constitution. They can also understand the dynamics of Indian Polity and can analyse the policies of Government in India. They can understand the making of India as a nation and analyse the present political issues of Indian politics. Students can develop a comprehensive approach towards dynamics of Indian Politics.

PSO3–Students can be able to compare different political systems of the world through studying the different theories, models and tools of comparative study of politics. They can compare different political structures horizontally and vertically with the help of Input-Output Model, Structural Functional model, Political Development model, Political Socialization model, Political Culture Model.

PSO4-Students can develop a deep knowledge of the structure and functions of Indian Administration by knowing different theories of administration.

PSO 5 – Students can analyse and study the various political events through understanding the basic approaches of study and analysis of Politics. They can use scientific approach for studying the politics. They can prepare themselves for scientific research and field study with the knowledge of modern research tools.

PSO6 -The knowledge of international Relations will be helpful to them to develop understanding of Relations among nations and

dynamics of international politics. They can understand the decisions of governments and various organizations and can analyse the international political events.

PSO7 -Students can understand the federal structure and politics of India. They can have knowledge of state politics in India. After study of federal polity of India , they can analyse the issues regarding center-state politics in India.

PSO8– Students enable to get knowledge of various political parties of India. They can know their policies, principals, ideologies, techniques etc. They can better understand of parliamentary politics of India.

PSO9 - Students can aware of human rights issues by studying the theories of human rights. They can research and examine the issues regarding human rights in society.

7. Programme Specific Outcomes of Public Administration (UG)

PSO 1 – Organization being the core of Administration thereby understanding the meaning, its various forms and their dimensions, functioning, objectives and principles of organization.

PSO 2 – Understanding the organizational set up of Indian Administration, functioning of major posts and institutions.

PSO 3 – Understanding of various forms of state, branches of governments, various administrative institutions of constitutional, statutory and executive origin. Their role in a democratically governed society.

PSO 4 – Understanding the set up of State administration in India, functioning of the various administrative agencies and functionaries up to district level.

PSO 5 – A comprehensive understanding of the importance of the comparative study in the field of Pub. Admn. taking practical examples from some chosen countries of cross cultural matrix. The thrust is on to understand the ecological impact on structures – process behavior of Public Administration.

PSO 6 – Understanding of the importance of Democratic Decentralization, the constitutional arrangement made in this regard and its functioning. Understanding of the various bottlenecks and lacunas in realization of the peoples participation in the governance.

Programme Specific Outcomes of Public Administration (PG)

PSO 1 – Deals with the understanding the various dynamics of Organization, its various approaches and theories and governing principles of organization.

PSO 2 – Understanding the contribution of eminent thinkers of Administration on the various aspects of organizational dynamics.

PSO 3 – A comprehensive understanding of the importance of the comparative study in the field of Public administration including various approaches and models in the field of comparative public administration. It also deals with some of the important institutions in countries of cross cultural matrix. The thrust is on understanding the ecological impact on

structure –process behavior of Public administration.

PSO 4 – Understanding the importance of personnel administration and some of the key principles and practices of representative countries.

PSO 5 – To develop understanding of the framework of Indian administration and to discuss major issue areas of Indian Administration.

PSO 6 – To understand the position, role and function of states in Indian Federation.

PSO 7 – To understand the importance of Social Administration as heart of Public Administration in a welfare state.

PSO 8 – To make students understand the close nexus between politics and administration at various level of governance.

PSO 9 – To impart a detailed understanding of the Indian Constitution as it stands today.

8. Programme Specific Outcomes of Sanskrit (UG)

Students of undergraduate degree programs in Sanskrit at the time of graduation will be able to –

PSO 1 - Understand the basic grammar of Sanskrit as Sangya, Sandhi, Karak, namikprakaran and kriyapad, Roop Siddhi and vyakhya.

PSO 2 - Understood the translation - Hindi to Sanskrit and Sanskrit to Hindi.

PSO3 - Understood the Vyakhya of slokas of Raghuvansham, Abhigyanshakuntalam, hitopadesh, swapnavasavadattam.

PSO 4 - Knew about the importance of Vedas Upanishad and Bhagavad Gita.

PSO 5 - Understood about the principal of lokjivan Lokvyavhar and value of life.

PSO 6 -Knew about the ancient Indian culture as varnashramavavastha, Sanskar, purusharthchatushtaya and moral cultural values.

PSO 7 - Understood the various philosophical theories and differencesbetween them.

9. Programme Specific Outcomes of Sociology (UG)

PSO 1 - Principals of sociology.

PSO 2- Indian Society .

PSO 3 – Social Research methods.

PSO 4 – Indian Society : Issues and Problems.

PSO 5 – Foundation of Sociological Thought

PSO 6 - Social Anthropology

Programme Specific Outcomes (PSOs) of Sociology (PG)

1. PSO 1 – Theoretical Perspective in sociology.

2. PSO 2- Methodology of Social Research.

3. PSO 3 – Indian Social System.

4. PSO 4 – Rural Society in India

5. PSO 5 – Contemporary Sociological Theories

6. PSO 6 - Classical sociological Traditions

7. PSO 7 - Perspectives on Indian Society

8. PSO 8 - Industrial Sociology

9. PSO 9 - Criminology or Dissertation

10. Programme Specific Outcomes of Botany (UG & PG)

PSO 1 - *Analytic and rational thinking*: knowledge of biology enables students to think Analytic way about scientific world and do some innovations.

PSO 2 - *Effective communication*: In the course students learn about systematic and evolution, diversity in flora by the knowledge they can explore new species of plants help other researchers to evaluate the species.

PSO 3 - *Environment and sustainability*: Students know the meaning of sustainable development so they become aware about environment and adopt the strategy for protection and conservation of Nature.

PSO 4 - *Self-directed and lifelong learning* : practical of various papers like anatomy and morphology make students Curious to explore and develop research aptitude and the learning with practice enable the students that whatever they learn it's remain long lasting.

PSO 5 - The students completing the course is able to identify various macro as well microscopic life forms, design, execute the experiment related to basic science including biotechnology evolution, recombination, molecular biology, genetic. Students are formalized with use of bio information and statistical tools.

PSO 6 – Students will be aware of different plant diseases, their causal organisms and their preventions.

11. Programme Specific Outcomes of Chemistry (UG)

PSO 1 – Student may be understand about the ionic bonding and covalent bonding, important compounds of s and p block elements, noble gases chemistry. Chemistry of elements of first second and third transition series. Properties of lanthanides and actinides series. Understanding about the concept of acid base and non-aqueous solvents. Learn about the coordination complex compounds and metal ligand bonding and their properties. Student may be able to understand bioinorganic chemistry, inorganic polymers and their physical and chemical properties.

PSO 2 - Understand about type of organic compound, organic reactions and their mechanism, stereochemistry of organic compounds. Understand preparation and properties of various organic compounds like alkane cycloalkane alkene cycloalkenesdienes and alkynes alkyl halides aromatic compounds and aryl halides alcohol phenol and ethers epoxide aldehydes ketones and carboxylic acid acid derivative and various nitro compounds like nitroalkanesnitroarenes amines diazonium salt.

PSO 3 – Students will be able to define structure of organic compound by using UV IR NMR spectroscopy. Understand organometallic compounds organic synthesis via enolates heterocyclic compounds and various bio organic compounds like carbohydrate amino acid protein nucleic acid fats and oils. Learn about detergent

synthetic polymers and synthetic dyes.

PSO 4 – Student will be able to define the basic difference of gaseous state liquid state solid state and colloidal state of matter and their chemical kinetics thermodynamics chemical equilibrium phase equilibrium electrochemistry. Mechanism of nuclear chemistry, quantum mechanics of photochemistry, and solutions and colligative properties.

PSO 5 - Understand practically qualitative analysis of inorganic mixer and organic compounds. Physical techniques like MP, BP of the organic compound and their recrystallization and sublimation properties. Understand quantitative analysis by volumetric and gravimetric method experiments and determine viscosity and surface tension of solution.

Programme Specific Outcomes of Chemistry (PG)

PSO 1 – Student will be able to obtain knowledge about various branch of chemistry like Stereochemistry, Redox reaction, electron transfer reactions, mechanism of one electron transfer reactions, outer-sphere type reactions, cross reactions and Marcus-Hush theory, inner sphere type reactions. Nature of Bonding in Organic Molecules Delocalized chemical bonding-conjugation, cross conjugation, resonance, hyperconjugation, bonding in fullerenes,tautomerism. Aromaticity in benzenoid and non-benzenoid compounds. Reaction Mechanism: Structure and Reactivity Types of mechanisms, types of reactions, thermodynamic and kinetic requirements, kinetic and thermodynamic

control, Hammond's postulate, Curtin-Hammett principle. Potential energy diagrams etc.

PSO 2 – Student will be to define about Schrodinger equation, Molecular Orbital Theory, Huckel theory of conjugated systems, bond order and charge density calculations. Thermodynamics Concept of fugacity and determination of fugacity. Non-ideal systems, Excess functions for non-ideal solutions, Chemical Dynamics Collision theory of reaction rates, steric factor, activated complex theory, ionic reactions.

PSO 3 – Student will do various programming language related to Chemistry research and development. Student will also be able to define various techniques of research like-electron diffraction, neutron diffraction, X-ray Diffraction, Ramchandran diagram.

PSO 4 – Student will understand about the various concepts of organic reaction mechanism like Addition to Carbon-Hetero Multiple Bonds Mechanism of metal hydride reduction of saturated and unsaturated carbonyl compounds, acids, esters and nitriles. Addition of Grignard reagents, Addition to Carbon-Carbon Multiple Bonds Mechanism and stereochemical aspects of addition reactions involving electrophiles, nucleophiles and free radicals, regio-and chemo-selectivity, orientation and reactivity. Student will also be discussed about Stereochemistry of Elements, Pericyclic Reactions, Electron Spin Resonance Spectroscopy, ¹³C NMR Spectroscopy, 2D NMR Spectroscopy, Mass Spectroscopy etc.

PSO 5 – Student will be able to define various environmental issues and status like air pollution, water pollution, soil pollution and radioactive and thermal pollution. Student will also be able to understand about chemistry of life and health issues like importance of element in biological system, Bioenergetics, Enzymes, Biotechnical Application of Enzymes, enzymes as targets for drug design, recombinant DNA technology etc.

PSO 6 – Students will be skilled about instrumentation, research techniques, instrument handling of various experimental techniques. They will also be able to do qualitative and quantitative analysis and define their result.

12. Programme Specific Outcomes of Physics (UG)

PSO 1 - Students know about frame of references and Galilean transformations. Coriolis force and its application. Students understand special theory of relativity and length contraction. Students gain knowledge about system of particles, energy and momentum conservation laws, rigid body motion and moment of inertia, elastic properties of matter.

PSO 2 - Students come across with simple harmonic oscillations, simple and compound pendulum, damped harmonic oscillators. Students learn about transverse & longitudinal waves and their speed in a medium, difference between group velocity and phase velocity.

PSO 3 - Students learn about scalars and vectors, divergence & curl of a

vector field, Gauss's divergence theorem, Stokes theorem, electrostatic field, Poisson's & Laplace's equations in Cartesian, cylindrical and spherical polar coordinates.

PSO 4 - Distribution of molecular velocities and applications of Maxwell's distribution function such as average speed, RMS speed and most probable speed. Students learn about Clausius-Clapeyron to study the effect of pressure on melting point and boiling point. Maxwell's relations are important ones by which one can draw the expression for Joule-Thomson expansion at constant Enthalpy.

PSO 5 - Students learn about circuit analysis (Kirchhoff's laws) and four terminal networks and various theorems which are useful for circuit analysis. Students study about rectifiers such as half wave, full wave, and bridge rectifiers and about filters. Configurations of transistor such as CE, CB, and CC are important ones. Students gain the basic knowledge about Logic gates such as AND, OR, NOT, NAND, NOR etc.

PSO 6 - Students study about laws of reflection and refraction, lens combinations etc. They learn what the aberration in image is? The phenomenon Interference of light is an important one in optics. Students gain the knowledge about laser, what is the spontaneous and stimulated emission, Einstein's A and B coefficients, population inversion etc.

PSO 7 - Students learn about black body radiation, quantum of energy and Planck Quantum hypothesis. They learn about the ejection of photo

electron from a metal surface at a particular frequency (photoelectric effect), uncertainty principle, time dependent and time independent Schrödinger equations. They also learn about simple harmonic oscillator.

PSO 8 - Rutherford scattering give the indication of the existence of nucleus. Students learn about various properties of nuclei, nuclear fission and fusion, nuclear forces etc. They also learn about the basics of the classification of elementary particles.

PSO9-Students learn about the bonding in solids, crystal structure, diffraction, band theory. They also gain the knowledge about energy band structures in semiconductors, conductors and insulators. They gain the basics of superconductivity which is the phenomenon of very low temperature (nearly 0K).

Programme Specific Outcomes of Physics (PG)

PSO1 – Classical mechanics Constraints, holonomic and non-holonomic constraints, D'Alembert's Principle and Lagrange's Equation, velocity dependent potentials, simple applications of Lagrangian formulation.

PSO2 – Classical electrodynamics - Electrostatics: Electric field, Gauss Law, Differential form of Gaussian law. Another equation of electrostatics and the scalar potential, surface distribution of charges and dipoles and discontinuities in the electric field and potential, Poisson and Laplace equations, Green's Theorem

PSO3 – Quantum mechanics - Origins of Quantum Physics : inadequacy

of classical mechanics ,Particles versus Waves , Complementarity ,Principle of Linear Superposition , Indeterministic Nature of the Microphysical World

PSO4 – Mathematical methods in Physics - Orthogonal curvilinear coordinates, scale factors, expressions for gradient, divergence and curl and their applications to cartesian, cylindrical and spherical polar coordinate system, Coordinate transformation, transformation of covariant, contravariant and mixed tensors.

PSO5 – Classical electrodynamics –II - Plane Electromagnetic Waves and Wave Equation : Plane wave in a nonconducting medium. Frequency dispersion characteristics of dielectrics, conductors and plasma, waves in a conducting or dissipative medium, superposition of waves in one dimension, group velocity, casualty connection between D and E. Kramers-Kroning relation.

PSO6 – Atomic and molecular physics - Gross structure of energy spectrum of hydrogen atom. Indistinguishability and exchange symmetry, many particle wave functions and Pauli's exclusion principle, spectroscopic terms for atoms.

PSO7 – Electronics and experimental data analysis - Digital Electronics:Combinational logic: Standard representations for logic functions, Simplification of logical functions using K-Map, Don't care conditions, Adder (half and full), Subtractor (half and full), comparator, Multiplexers, Demultiplexer / Decoders.

PSO8 – Numerical methods and computer programming - Errors in Numerical Analysis: Source of Errors, Round off error, Computer Arithmetic, Error Analysis, Condition and stability, Approximation, Functional and Error analysis, the method of Undetermined Coefficients.

PSO9 – Nuclear Physics - : General nature of the force between nucleons, saturation of nuclear forces, charge independence and spin dependence, General forms of two nucleon interaction.

PSO10 – Statistics and solid state physics - Basic Principles, Canonical and Grand Canonical ensembles : Concept of statistical distribution, phase space, density of states , systems and ensemble, entropy in statistical mechanics Connection between thermodynamic and statistical quantities

PSO11- Advanced Quantum mechanics (I) - Approximation Methods for Stationary States: Time-Independent Perturbation Theory ,Nondegenerate Perturbation Theory ,Degenerate Perturbation Theory etc.

PSO12 – Specialization in Microwave Electronics - Introduction to Microwaves and its frequency spectrum, Application of Microwaves. Microwave Communications: Advantages and disadvantages of microwave transmission , loss in free space, propagation of microwaves, atmospheric effects on propagation, Fresnel's zone problem

PSO13 – Nuclear Physics (II) - Nuclear Shell Model: Single particle and collective motions in nuclei. Empirical evidences of magic numbers,

Assumptions and justification of the shell mode.

PSO14 – Solid State Physics - Crystal structure, Imperfection in solids: Point, line planer and defects Semiconductors: Intrinsic and extrinsic semiconductors, mobility and electrical conductivity, Fermi level, Law of mass action, calculation of impurity conductivity, Ellipsoidal energy surfaces in Si and Ge, Hall Effect, recombination

PSO15- Advanced Quantum Mechanics - Relativistic Formulation and Dirac Equation, Symmetries of Dirac Equation, The Quantum Theory of Radiation etc.

PSO16- Practical work to use Michelson Interferometer, Telexometer, Determination of Ionization potential of Lithium, to study Faraday effect using He-Ne laser, Monostable and Bistable Multivibrators, Operational and Differential Amplifier, Verify Cauchy's relation & determination of constants, determine Lande's 'g' factor for IRRH crystal using electron spin resonance spectrometer, characteristic curve of Klystron, study microwave absorption in dielectric sheets, study characteristic of semiconductor devices - VDR, Photo transistor, LDR, LED etc.

13. Programme Specific Outcomes of Zoology (UG)

PSO 1 - To understand the diversity of animals and specimen type of invertebrate and the evolution of organism

PSO 2 - To understand the basic idea of cell, cell organelle and nucleus and to know about Protein, genome, genetic code syndrome etc.

PSO 3 - To understand the basic concept of embryology such as gametogenesis, spermatogenesis, fertilization stem cell regeneration xenobiotic.

PSO 4 - To understand the structure and function of all type of invertebrates from Protozoa to echinodermata and with the other phylum

PSO 5 - To understand the physiology such as the digestion, circulation excretion, absorption endocrine gland, and the biochemistry such as protein Carbohydrate and lipids, caban skeleton for an organism

PSO 6 - To understand immunology microbiology and biotechnology. The basic idea of antigen antibiotic and antigen, antibody reaction, and mechanism. The basic idea about internal structure of Gram Positive and negative which are harmful and useful bacteria. In Biotechnology to understand application, uses, genetic engineering genetic recombinant , carrier vector dairy products etc.

PSO 7 - To understand the development, structure and function of organs of all the type of vertebrate animals. Basic knowledge about parental care migration and development of fins and wings

PSO 8 - To understand the environment and Ecology ecosystem, succession, urbanization and different type of pollution. To know the classification of all classes of chordates vertebrate and lower chordates.

Ecology experiment such as water and soil analysis and some exercises such as graphs histograms, mean mode median, SD and SE.

PSO 9 - To understand about the applied zoology such as different type of culture and the economic importance of various invertebrate concepts of behaviour techniques of behaviour and social of animals. Applications, uses and different type of exercise of bio statistics.

PSO 10 - To understand the basic knowledge about microscope, reagents, stains and to know about all the invertebrate type specimen according to syllabus and to study the genetic exercise, mitosis and development of frog and chick

PSO 11 - Demonstration of larval stages and internal body parts of the invertebrate animals. The knowledge about culture medium and identification of Gram Positive and Gram Negative bacteria haemoglobin estimation and food test etc.

Programme Specific Outcomes of Zoology (PG)

PSO 1 - To understand the biodiversity and wild life and taxomomy with special reference to invertebrates.

PSO 2 - To understand the basic idea of molecular cellbiology.

PSO 3- To understand the basic concept of genetics and evolution.

PSO 4 - To understand the basic concept of biotechnology with special reference to immunology.

PSO 5 - To understand the structure and function of all type of invertebrates.

PSO 6- To understand the basic concept of biochemistry with special reference to biochemical events in the cell.

PSO 7- To understand the physiology of various body process and endocrinology.

PSO 8- To understand the basic concept of developmental biology.

PSO 9- To understand the biology of chordates with special reference to origin evolution and development.

PSO 10- To understand the environment and concepts of Ecology like ecosystem, succession, urbanization and different type of pollution.

PSO 11- To understand the concepts of cellbiology at molecular level ,structure and function of membranes and cell organelles,cell physiology,cell culture,events of cell cycle and various techniques involved to study various processess.

PSO 12- To understand anatomy and physiology of various fishes up to species level,pisciculture,morphometry and population dynamics.Estimation of fish production with special reference to fresh water.Methods of fishing and fishing gears.

14. Programme Specific Outcomes Commerce (UG)

PSO-1 Economic environment in India ,Economic planning population growth new population policy unemployment poverty disparity of income and wealth in India self-employment skill development human resources and economic development industries agriculture land reforms foreign trade in India export import policy, investment of foreign capital

in India role of multinational corporations economic of Rajasthan basic characteristics of economic of Rajasthan

PSO-2 Business Economics, roll concept economic concepts of Kautilya arthshastra economic law static and dynamic economics micro macro atomic models consumption law economic problems and functions law of demand elasticity relationship with revenue in different curve consumer equilibrium income effect price effect derivation of demand curve law of returns ISO product curve returns to sale capital formation efficiency of labour importance of cost in decision making commodity pricing change in demand and supply I and their effect on equilibrium price time element in price determination market definition and classification price output imperfect competition discriminating Monopoly and only go poly marginal productivity theory theories of rent wages interest and profit national income etc.

PSO-3 Cost accountaing– nature, maetod, technique, installation of costing system ,audit, accounting for material, labour ,overheads, unit costing, job /batch / contract costing, operating process costing, Integral, nonintegral system reconciliation of cost and financial accounts.

PSO-4 - Business Statistics, application collection of data, classification, partition, value dispersion, measurement of Central tendency analysis of bivariate data linear regression correlation index number problems in constructing index number consumer price index analysis of time series

decomposition average arithmetic progression geometric progression harmonic progression statistical quality control interpellation binomial method etc.

PSO-5 Business Management : management meaning nature principle and importance of management management thoughts objectives strategic management coordination planning organisation controlling modern techniques of communication leadership motivation management of change resistance to change origins of management in changing in a changing environment

PSO-6 Business Laws - Indian contract act 1872, sales of goods act 1930, consumer protection act 1986, negotiable instrument act 1881, partnership act 1932.

PSO-7- Financial Accounting and Decision making, financial accounting and decision making department and branch accounts accounting for investment in the stock market transaction insurance change claims marginal costing value added statement economic value added market value added change your product mix pricing break and even analysis exploring New Market shut down decisions budgeting for profit planning and control meaning of budget types of budgets standard costing and variance analysis meaning of standard cost and standard costing activity based costing next business management corporate personality e kind of companies promotion and incorporation of company e memorandum of association articles of association

prospectus shares share capital member transformation transfer transmission debentures and borrowing power directors managing director whole time director appointment rights liabilities remuneration company investigation prevention operation, mismanagement company meeting kinds quorum notice agenda no motion resolution methods of voting winding up kinds and legal provisions.

PSO-8- Corporate Accounting, advance study of issue four feature reissue of shares redemption of preference shares valuation of goodwill and share final accounts including computation an agerial remuneration disposer mprofit accounting for amalgamation of companies as per Indian accounting standard 14 liquidation of companies, accounting for internal reconstruction, accounts of holding and subsidiary companies in India, consolidated balance sheet profit and loss account.

PSO-9 -Fundamentals of entrepreneurship, emergence of entrepreneurial class, 3 years of entrepreneurship, qualities, promotion of a venture opportunities, analysis, interpret your behavior innovation, entrepreneurs psycho theories social responsibilities, entrepreneurship development programmes, EDP role of government organizing EDP, role of interpreter, augment and meeting local demands role in export promotion and import substitution foreign earnings augmenting and meeting local demands.

PSO-10-Company Laws – meaning definition types promotion, memorandum of association, articles , prospectus, share capital members

debenture borrowing power, director managing director company investigation company meeting method of voting winding up legal provision

PSO-11-Financial management, management meaning, scope, importance, limitations, ratio analysis, liquidity funds, flow analysis cost of capital cost of debts effect on profit financial planning and forecasting capital structure dividend policies Walter and Gordon's model cost-volume-profit analysis.

PSO12- Banking law and practice in India banking legislation in India reserve Bank of India act 1934 act 1949 banking companies 1970 definition of term banker and customer termination of relationship types of accounts and their operations types of customers negotiable instruments concept elements types of check bill promissory notes promissory notes crossing endorsement presentation paying and collecting rights duties protection and precautions this owner investment and lending of bank funds principle of investment meaning characteristic nature personal circular check traveller check procedure of opening a letter of credit making payments of letters of credit fraud and its prevention.

PSO-13 - Income tax law and Accounts, introduction and definition, residential status incidence of tax exempted, income, taxable income, under the head of salaries income from house property, income from business and profession computation of income from capital game

income from other services aggregation of clubbing of income set off and carry forward of losses exempted income deduction from gross total income computation of total income and tax liability of individuals computation of total income and tax liability of Hindu undivided family provisions regarding deduction of tax at source and advance payment of tax assessment procedure.

PSO-14 - Taxation - VAT and value of supply of goods and services into input tax credit transitional provisions registrations under VAT act keeping maintenance of accounts and record composition job work and procedure various exemptions demand and discovery rule of custom in international trade important terms and definitions under customs act 1962 assessable value baggage bill of entry durable goods duty exporter for and going vessels aircraft goods bill of lading export manifest letter of credit import of goods free import import of cargo import of personal baggage import of tax liability and valuation of goods computation of custom duty appeals and revisions nature and

PSO-15- Principles of Marketing, Nature and scope of marketing marketing concepts traditional and modern selling versus marketing marketing mix marketing environment concept of product brand name trademark product life cycle concept importance of price and marketing mix factors affecting price of a product or service discounts and rebate and consumer behaviour market segmentation distribution channels methods of promotion characteristics of an effective advertisement

personal selling publicity sales promotion and public relations physical distribution of goods transportation warehousing inventory control order processing.

PSO-16- Fundamentals of insurance introduction to insurance purpose and need of insurance insurance as a social security tool principle of life insurance Marine fire medical general insurance contract of various kind insurable interest fundamental of agency law distribution of an agent agents regulation agents remuneration procedure for becoming as agent cancellation of licence function of agent company profile organisation set up of a company e promotion strategy market share important activities structure product product pricing actuarial aspect distribution channel international marketing nature definition scope product planning for international market international pricing international distribution export policy and practices in India exim policy export finance pricing documentation produce assistance and incentives.

PSO-17 - Project planning and budgetary control project life cycle . Project feasibility analysis market technical financial business forecasting project budgeting methods payback AR npv I are zero based budgeting project layout methods project organisation structure marginal cost technique for project decision role of level and financial decision project financing use of networking techniques in project planning prt CPM budgetary control budgetary control versus standard costing material variances and labour variances

PSO-18 - Banking and financial system money meaning functional role type of money monetary standard methods of note issue alternative measures to money supply in India that different components financial systems meaning credit creation by bank credit creation process determination of money supply and total bank credit value of money quantity theory of money fisher Cambridge and cancer approach international financial institution and its affiliated international monetary fund international Bank for reconstruction and development IFC ADB problems between the government and commercial sector intersectoral and international problems operation of conflicting pressures before and after Bank nationalisation in 1969 banking and financial reforms in India RBI function credit policy in present setting and limitations.

Programme Specific Outcomes of Business Administration (PG)

PSO1 – Theory and Practice of Management

PSO2 – Human Resource Management

PSO3- Marketing Management

PSO4 – Bussiness Management

PSO5- Strategic Management

PSO6 – Development of Business Entrepreneurship

PSO7 – Management of a small scale industry

PSO8 – Human behavior

PSO9 – Industrial Relation and Social Security in India

Programme Specific Outcomes of ABST (PG)

PSO1 – Management Accounting and Financial Control

PSO2 – Research Methodology and Statistical Techniques

PSO3- Higher Accounting

PSO4 –Security Analysis and Portfolio Management

PSO5- Direct and Indirect Taxes

PSO6 – Advance Costing Problems

PSO7 – Management and Operational Audit

PSO8 – Operational Research and Quantitative Techniques

PSO9 – Taxation and Tax Planning

Programme Specific Outcomes of EAFM (PG)

PSO1 – Business Economics

PSO2 – Financial Management

PSO3- Monetary Economics

PSO4 –Indian Financial System

PSO5- Management and Management Accountancy

PSO6 – Economic Growth and Development

PSO7 – Bank Management

PSO8 – Public Finance

PSO9 – Quantitative Techniques for Decision Making

Course Outcomes

Course Outcomes of Economics (UG)

CO 1 – This course capacitates students to analyze consumer behavior in a specific market form.

CO 2 – Students will develop appreciation about principles of economics from the perspective of Indian culture and value system.

CO 3 – This course capacitates student to identify factors that govern market forces amid its behavior in Indian context.

CO 4 – Students will be able to develop understanding about role of banking, government in determining dynamics of a nation's economy.

CO 5 – Students will develop skill regarding quantifying economic behavior and using methods of statistics to predict economic behaviour.

CO 6 – Student will be able to understand various determinants of economy of Rajasthan, its basic issue areas and role of government in economic development.

Course Outcomes of Economics (PG)

CO 1 – This course capacitates students to analyze consumer behavior in a specific market form.

CO 2 – Students will develop understanding of principles of macro economics.

CO 3 - Students will develop skill regarding quantifying economic behavior and using methods of statistics to predict economic behaviour.

CO4 – Students will be able to analyze public finance mechanism of government.

CO 5 – Students will be able to analyze growth, development and planning policies.

CO 6 – Students will be able to analyze the relationship between international trade & policies and its impact on Indian economy. They also grasp the knowledge of international finance institutions and foreign investments system.

CO 7 – Students will understand labour related problems, issues and solutions.

CO 8 – This course also helps students to analyze the aspects that influence agricultural economy and distribution of resources such as raw material, labour and machinery.

Course Outcomes of English (UG)

CO 1 – To understand the origin and development of English language and literature.

CO 2 – To understand the beginning of the English Literature with reference to Chaucer.

CO 3 – To understand renaissance with reference to Shakespeare and John Milton.

CO 4 – To understand the term metaphysical poetry in connection with John Donne.

CO 5 – To understand the romantic literature, Victorian literature,

Modern literature, Neo-classical literature.

CO 6 – To understand the poems as par syllabi like Pope, Dryden, Wordsworth, Shelley, Keats, Tennyson.

Course Outcomes of English (PG)

CO 1 – Two papers offered at masters in English. One is Grammar and other is linguistics.

CO 2 – In Grammar, students learn the usages and Communication skills in English whereas in linguistics they learn phonetics.

CO 3 – Students enter the domain of literature and understand its relation to life with the texts of John Donne and Milton.

CO 4 – With the world of drama, students study Shakespeare and other prominent playwrights.

CO 5 – Students get enlightened by the writings of Bacon and other profound prose writers.

Course Outcomes of Geography (UG& PG)

CO 1. – Students will be able to explain the various theories of mountain building, theories of continental drift, plate tectonics and erosion cycle etc.

CO 2 – Students will be able to describe about types of folds and faults and earthquakes, volcanoes and associated landforms.

CO 3 – This course will enhance students knowledge about temperature, pressure, humidity and rainfall, approaches and processes

of Human Geography as well as the diverse patterns of habitat and adaptations.

CO 4 – Students will be able to define the major themes of human geography and evolution of human, assess the significance of Economic Geography, analyze the factors of location of agriculture and industries.

CO 5 – Students can describe the physical, social, cultural aspects of Rajasthan. They can also explain the concept of region, its delimitation methods and types of region.

Course Outcomes of Hindi Literature

CO 1 – Able to describe the history of various aspects of Hindi literature.

CO 2 – Able to enumerate the origin and progression of Hindi language.

CO 3– Able to express the general introduction of the poets and their compositions of the ancient, reetikaalin and modern times.

CO 4 - Able to describe the elements of writing of novels and stories, while providing an introduction of the writers.

CO 5 – Able to give a general introduction of the compositions of essays, drama and one act play.

CO 6 – Student is eligible for appearing in different competitions of various fields (administrative, subordinate, SSS, SI, etc.)

CO 7 – Student is eligible for different jobs in print & electronic media.

CO 8 – Student is eligible for higher education and different academic fields in schools (B.Ed, B.PEd).

CO 9 – Student is eligible for research degree in different universities.

CO 10 – Student is eligible for admission in legal degree.

CO 11 – Student is eligible for hindi officers' examination.

CO 12 – Student is eligible for different jobs in film line (song, script etc.)

Course Outcomes of History (UG)

CO 1 – Students are able to understand the foundation of Indian culture, its various rituals and enrich heritage, art and culture.

CO 2 – Students are able to acquire the knowledge of Ancient Indian History with special reference to Indus Civilization, Vedic Civilization, different political dynasties such as Gupta, Kushanas, Maurayans, Chola, Chalukya etc.

CO 3 – Students are able to understand the Medieval Indian History of Sultanate and Mughal period.

CO 4 – Students have comprehensive understanding of History of Rajasthan such as major dynasties of Rajasthan, Prajamandal Movement and also cultural aspects like Rajput Paintings and Architecture.

CO 13 – Students are able to understand main features of Modern Indian History viz. British Land Revenue Settlements, the theory of drain of wealth, growth of communal politics in India and Gandhian Movements.

CO17 – Students will have understanding of modern world history with special reference to French Revolution, American Revolution, Unification of Germany and Italy, causes and consequences of II World War etc.

Course Outcomes of History (PG)

CO1 – Students are able to understand Historiography , relationship between history and other disciplines and various approaches to history writing with special reference to Marxist, Sub-laltern and post modernist.

CO 2 – This course enables students to understand various events of Twentieth Century World viz. first world war, Russian Revolution, world between two wars, second world war, cold war , disintegration of Socialist block and end of cold war etc.

CO 3 –It enhance students knowledge of Medieval Rajasthan (1400-1708) A.D.

CO 4 – It enable students to analyze various ideas of polity, social , religious and philosophical ideas.

CO 5 – This course enable students to have comprehensive understanding of Gandhian Philosophy, Gandhi's contribution in National movement, his concepts of Sarvodaya, Trusteeship, Swarajya

and social and economic philosophy of Gandhi.

Course Outcomes of Political science (UG)

After completing the under graduate course in Political Science Students are enable to study politics through different approaches. They can find out where the power is existing in society. They can better understand the issues of liberty, equality, justice and democracy. Students can examine the political dynamics of Indian Politics. They can easily understand the main features of Indian Constitution and structure of Indian Government. They can compare Indian Constitution with other constitution of the world. They can have knowledge of the political ideas of eminent political philosophers from Plato to Marx. They can analyze the contemporary international political events.

After doing graduation with the subject of Political Science, students are enable to give civil services examination. Students prefer this subject due to the maximum coverage of the syllabus of civil service examinations. Besides civil services students can make opportunity in media field with the subject of Political Science. Knowledge of politics and political system enriched them in media services. Psephology is another better field of research and career in Political Science. L.L.B., police, subordinate state services, teacher are also options for the

students of Political Science. But above all, the study of Political Science can give a better leadership to the society.

Course Outcome for Political Science (PG)

After completing the post graduate course in Political Science, students are able to study and analyze politics through different approaches and research tools . They can find out where the power is existing in society and what are the power relations. They can better understand the issues of liberty, equality, justice and democracy. Students can examine the political dynamics of Indian Politics. They can easily understand the main features of Indian Constitution and structure of Indian Government. They can compare Indian Constitution with other constitution of the world. They can have a knowledge of the political ideas of eminent political philosophers from Plato to present day. They can analyze the contemporary international political events.

After doing post graduation with the subject of Political Science, students are able to enter in the field of research in different areas of political science like contemporary theories, political dynamics, political process, policy analysis, political philosophy, Gandhian Studies . They can build themselves as policy analyst. They can also develop themselves as Psephologist. Students can give civil services examination. Students prefer this subject due

to the maximum coverage of the syllabus of civil service examinations. Besides civil services students can make opportunity in media field with the subject of Political Science. Knowledge of politics and political system enrich them in media services. But above all, the study of Political Science can give a better leadership to the society.

Course Outcomes of Public Administration (UG)

CO 1 – Enable student to form, run and administer an organization with best practices.

CO 2 - Enable students to have a bird's eye view on the functioning of the Indian Administration.

CO 3 – Enable student to understand, analyze and point out various shortcomings of the functioning of administrative institutions thereby enabling them to think and suggest in perspective.

CO 4 – Enable student to understand the importance, role and position of the state administration under the scheme of Indian Federation and its problem areas.

CO 5 – Enable student to know as how structure, processes and behavior of administration are governed by their ecological factors of time and space .

CO 6 – Enable students to understand the importance of democratic decentralization, its functioning and prepare them to be an active citizen.

Course Outcomes of Public Administration (PG)

CO 1 – Enable students to have an understanding of the functioning of the Indian Administration in its constitutional settings besides developing a deep understanding of the major areas of concern, steps taken to resolve the issues and debating upon the ongoing conflicts..

CO 2 - Enable student to understand the constitutional position of the states in Indian federation, analyze and point out various of the functioning of administrative institutions thereby enabling them to think and suggest in perspective.

CO 3 – Enable student to understand the functioning of the various government and non-government agencies, importance of their inter relationship. Besides it encourages scholars to participate in social work.

CO 4– Enable student to understand the importance of a sound political system as a pre condition for good governance.

CO 5 – Enable student to understand the legal environment of the Indian Administration under which it works. It also makes them understand as why constitution of India serves as a reference to resolve the various conflict areas of the Indian Administration.

Course Outcomes of Sanskrit (UG)

CO 1 – Students will be able to describe the introduction of Indian culture and its many aspects, introduction of the basic sanskrit grammar.

CO 2 – Student will do the general study of the sanskrit text and understand history of Sanskrit literature and its classification.

CO 3 – Students can describe the Lakshan of Chand and Alankar and give examples and can also do classification and characteristics of Bhartiya darshan.

CO 4 – Student will be able to do Vyakhya of neetishatakam Bhagwat Geetamanusmriti.

CO 5 – This course will enhance students translation skills - Hindi to Sanskrit, and Sanskrit to Hindi.

Course Outcomes (COs) of Sociology

CO1 – Students are able to describe the general values of Indian society.

CO 2 - Students are able to describe the role and status.

CO 3 - Students are able to describe the poverty in India.

CO 4 - Students are able to describe the socialization.

CO 5 - Students are able to describe the research method.

CO 6 - Students are able to describe the gender problem in India.

CO7- Scope In field of MBA,LLM, MSW, Demography, Tata School of Social Sciences etc.

Course Outcomes of Botany (PG)

CO 1 – Student will be able to understand molecular biology, cell biology and microbiology.

CO 2 - Students learn about systematic and evolution, diversity in flora by the knowledge they can explore new species of plants help other researchers to evaluate the species

CO 3 - *Environment and sustainability*: Students know the impact of

men on environment and ecosystem, pollution and conservation, role of international organizations viz. IUCN, UNEP, UNESCO.

CO 4 - *Self-directed and lifelong learning* : practical of various papers like anatomy and morphology and plant physiology make students Curious to explore and develop research aptitude and the learning with practice enable the students that whatever they learn it's remain long lasting.

CO 5 - The students completing the course is able to identify various macro as well microscopic life forms, design, execute the experiment related to basic science including biotechnology evolution, recombination, molecular biology , genetic. Students are formalized with use of bio information and statisticaltools.

CO 6 – Students will be aware of different plant diseases, their causal organisms and their preventions. Students will be able to understand various principles and techniques of plant pathology.

CO 7 – Through seminars, students will enhance their presentation skills.

Course Outcomes of Chemistry (UG)

CO 1 – Student will be able to know about general chemistry, inorganic chemistry, organic chemistry, physical chemistry related thoughts and ideas and amplify in various area related to chemistry.

CO 2 – The practical related skills will be developed in the students by doing and learning methods.

CO 3 – Student will be able to get job in the chemical industry and research laboratories.

CO 4 – Student will be able to obtain jobs in government as well as private sector.

CO 5 – Student will be able to start their own industries related to chemistry and our daily needs.

Course Outcomes of Chemistry (PG)

CO 1 – Student will be able to know about various branches of chemistry like photochemistry, nanochemistry, environment chemistry, chemistry for life, heterocyclic chemistry, natural product and organic synthesis, analytical chemistry etc.

CO 2 – The practical and research related skills will be developed in the students by doing experiments methods.

CO 3 – Student will be able to get job in the chemical industry and research laboratories of various part of land and abroad.

CO 4 – Student will be able to obtain jobs in government as well as skill based research laboratories and production division.

CO 5 – Student will be able to do research in various areas of advanced science and environment and also establish their own industries.

Course Outcomes of Physics (UG)

CO 1 – Student will be able to know about various phenomenons of Physics.

CO 2 – The practical related skills will be developed in the students by doing and learning methods.

CO 3 – Student will be able to get job in the electrical and mechanical industry and research laboratories.

CO 4 – Student will be able to obtain jobs in government as well as private sector.

CO 5 – Student will be able to start their own industries related to electronics and our daily needs.

Course Outcomes of Physics (PG)

CO 1 – Student will be able to know about various branches of Industries.

CO 2 – The practical and research related skills will be developed in the students by doing experiments methods.

CO 3 – Student will be able to get job in the industries and research laboratories of various part of land and abroad.

CO 4 – Student will be able to obtain jobs in government as well as skill based research laboratories and production division.

CO 5 – Student will be able to do research in various areas of advanced science and environment and also establish their own industries.

CO 6 – Students will be able to obtain the opportunities to work in ISRO and other space organization.

Course Outcomes of UG course in Zoology

CO1-After completion of this course students will attain graduate degree which will make him eligible for appearing in various competitive exams in public and private sectors.

CO 2 - The course will teach the students the practical aspects of Immunology,pathology and biotechnology.Which would make them aware about different contagious/non contagious diseases which in turn beneficial in community health management during Covid-19 like pandemic situations..

CO 3 - Study of systematics and animal taxonomy would enhance their knowledge of living world and association with the nature. This knowledge help the students to become a responsible civilian having a keen knowledge of the nature and its constituents.

CO 4 - After completion of the course they as zoology students,shall able to use the principle's of Zoology and corelate them with the other subjects of science and humanities

CO 5 - The practical knowledge of economic zoology would develop their interest in starting their own work as entrepreneur.

Course Outcomes of Zoology (PG)

CO1-After completion of this course students will attain postgraduate degree which will make him eligible for NET , Ph.D and appearing in various competitive exams for college and university as teaching faculties.

CO 2-The course inculcates the identification and conservation of elements of biodiversity in both theory in classes and practical way in the nature.It develops a sense of saving the nature in the students.

CO 3 - Statistical analysis of problems of various aspects of zoology such as population ecology, reproductive biology and environmental biology shall introduce and increase logical ability and also develop a clear understanding about them.

CO 4 -The practical knowledge of study of cell organelles and their functioning makes the students prepare for higher study such as research in the field of cell and molecular biology.

CO 5 - Study of fisheries science would make the students competent to do work as a resource person in fish biology.The course also make them eligible for the post of District Fisheries Officer in public sector.

COURSE OUTCOME – B.Com - UG

CO 1 – Students able to opt for CA, CS

CO 2 – Students able to appear in different competitive examinations in banking sector

CO 3- Students able to opt for administrative, subordinate services

CO 4 – Students able to opt for Indian Economic Services

Course Outcome for EAFM PG

CO 1- Students able to opt for chit fund services

CO 2 – Students able to opt for Management related jobs

CO3– Students able to opt for jobs in Accountancy & Management

- CO 4 – Students able to opt for jobs in Public Finance
- CO 5 – Students able to opt for jobs in insurance sector
- CO 6 – Students able to opt for jobs in Indian statistics services
- CO 7 – Students able to opt for jobs in academics
- CO 8 – Students able to opt for jobs in share market

Course Outcome for ABST PG

- CO 1- Students able to opt for chit fund services
- CO 2 – Students able to opt for Management related jobs
- CO3– Students able to opt for jobs in Accountancy & Management
- CO 4 – Students able to opt for jobs in Public Finance
- CO 5 – Students able to opt for jobs in insurance sector
- CO 6 – Students able to opt for jobs in Indian statistics services
- CO 7 – Students able to opt for jobs in academics
- CO 8 – Students able to opt for jobs in share market

Course Outcome for Business Management (PG)

- CO 1- Students able to opt for chit fund services
- CO 2 – Students able to opt for Management related jobs
- CO3– Students able to opt for jobs in Accountancy & Management
- CO 4 – Students able to opt for jobs in Public Finance
- CO 5 – Students able to opt for jobs in insurance sector
- CO 6 – Students able to opt for jobs in Indian statistics services
- CO 7 – Students able to opt for jobs in academics
- CO 8 – Students able to opt for jobs in share market

