

Programme Outcomes Annexure I

GOVT. COLLEGE SOLAN, H.P.
DEPARTMENT OF CHEMISTRY
B.Sc. (CHEMISTRY)

PROGRAMME OUTCOMES (POs)

- PO1 KNOWLEDGE AND LEARNING:** At the completion of Programme, Chemistry graduates will be able to understand and explain the fundamental behaviour of matter and its properties. They will have deep theoretical as well as practical/applied knowledge of basic principles of the Organic, Inorganic, Physical and Analytical Chemistry and apply the knowledge in Allied fields of Science and technology to solve the long lasting burning issues of society.
- PO2 INQUISITIVENESS:** The course curriculum will develop inquisitive characteristics among the students through appropriate questions, planning and reporting experimental investigation. The student is quite inquisitive about the mechanism of chemical reactions happening during the experiments in laboratories.
- PO3 SAFE HANDLING AND ECO FRIENDLY APPROACH:** The undergraduate students are trained in such a way that they have comprehensive understanding of the proper procedure for the safe handling, adverse effects, storage and use of the corrosive, poisonous and carcinogenic chemicals and their first aid treatment. It opens the doors of job opportunities in chemical industries.
- PO4 EXPERTISE IN ADVANCED ANALYTICAL TOOLS:** Students will be able to understand the basic principle of equipments, instruments used in the chemistry and pharmaceutical laboratories as well as in chemical industries. They are now well acquainted to apply appropriate techniques for the qualitative and quantitative analysis of various organic and inorganic compounds. They also acquire the ability to synthesize, separate and characterize chemical compounds using laboratory and advanced spectroscopic techniques.
- PO5 ANALYSIS OF RESULTS:** This course develops proficiency in designing and carrying out experiments as well as accurately record, interpret and analyze results and draw conclusions as supported by their data obtained through appropriate methods.
- PO6 RESEARCH RELATED SKILL DEVELOPMENT AND APPLICABILITY:** This course also inculcates critical thinking to solve the problems of numerical, synthetic and analytical nature independently and draw a logical conclusion. Also develops sense of inquiry, analytical, problem solving skills and capability to recognize cause and effect relationships. These skills are applicable in the all field so that the students may work as professional in these fields:
- 1) Analytical/ Medicinal Chemistry
 - 2) Chemical / Geochemical Engineering
 - 3) Forensic/ Material Science
 - 4) Food Technology/ Nanotechnology
 - 5) Research and Development
 - 6) Industrial Management.

- 7) Pesticides Chemistry
- 8) Hazardous Waste Treatment.
- 9) Pharmacology.

- PO7 TEAM SPIRIT AND CO-ORDINATION:** The programme develops the team spirit and co-ordination in students through experiential and investigative laboratory learning.
- PO8 ENVIRONMENTAL AWARENESS AND SUSTAINABILITY:** The students are now able to find out the green route for chemical reactions for sustainable development. Students adopt positive approach towards conservation of Environment from the Chemistry perspective.
- PO9 HIGHER STUDIES AND COMPETITIVE EXAMINATIONS:** The program leads the students to the advanced studies i.e. M. Sc, Ph.D. and then extending the research work in disciplinary and inter-disciplinary science for the welfare of the society. Besides, it also enable the graduates concepts building to prepare for national as well as international competitive examinations, especially UGC-CSIR NET, SET, HPSSC, HPPSC and UPSC Civil Services Examination.
- PO10 LIFELONG LEARNER:** The students will be equipped with analytical mind to create an awareness of the impact of chemistry on the environment and society. Chemistry graduates will engage in life-long learning process through self-study, continuing higher studies and research work in disciplinary and multi disciplinary fields and following latest innovations and developments in science and technology.
- PO11 SCIENTIFIC TEMPERAMENT:** To inculcate the scientific temperament in the students and outside the scientific community in terms of scientific literacy.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO1** At the completion of the programme, graduate students will have sound knowledge of fundamentals of the Inorganic, Organic, Physical, Analytical, Pesticides, Pharmaceutical, Environmental, Polymer, Fuel and Bio Chemistry such a way to foster their core competency and to choose a career in academics, industry or research.
- PSO2** Students will be skilled in problem solving, critical thinking and analytical reasoning as required for scientific problems.

- PSO3** The students are now expected to be thoroughly conversant with the laboratory behavior and proper handling of chemicals and instruments, data analysis, observation power and logical thinking. . Hence they will opt eco-friendly and green chemistry root for the conservation of environment.
- PSO4** Develop research oriented skills such as synthesizing, separating and characterizing various chemical compounds with the help of advanced characterization instruments/equipments highly required for R & D Industries.
- PSO5** Students will learn to analyze the inorganic salt mixtures and organic compounds qualitatively and quantitatively.
- PSO6** It enables student to opt for higher education and higher level research works in the emerging fields of chemistry and related areas.
- PSO7** Develop an understanding of the impact of Chemistry on Environment and society.

	Course type(DSC/DSE/SEC)	Course Code	Credits	Course Name	Course Outcomes
	Core Course-II	CHEM101TH	4	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons	In this course students will able to learn about following articles in details: <ul style="list-style-type: none"> • Atomic and molecular structure, Quantum Numbers • Applications of Slater’s rule • Chemical bonding, along with VB, VSEPR and MO theory. • Fundamentals of organic chemistry and stereochemistry • Synthesis and chemical reactions of aliphatic hydrocarbons including alkanes,

				alkenes and alkynes.
Core Course-II	CHEM101PR	2	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons Lab	<ul style="list-style-type: none"> ❖ Lab course will impart a scientific temperament and hands on practice to use appropriate instrumentation to record and analyze data from various experiments and utilize this in industries, medical Sciences and forensic science. ❖ Besides, students will also get expertise in following practical skills viz. ❖ Volumetric analysis ❖ Purification of organic compounds via crystallization ❖ Separation of mixture by chromatography.
Core Course-V	CHEM102TH	4	States of Matter, Chemical Kinetics and Functional Organic Chemistry	<ul style="list-style-type: none"> ❖ This course will impart detailed knowledge about the various states of matter i.e. solid, liquid and gases and their properties. ❖ Students also learn about the kinetic theory of gases and chemical kinetics. ❖ Experimental determination of Surface tension and Viscosity of liquid ❖ Qualitative treatment of collision and activated complex theory of bimolecular reactions. ❖ X-Ray diffraction by crystals, Bragg's law. XRD is a powerful analytical tool for structure determination of nanomaterials. ❖ Defects in crystals. ❖ The organic part gives descriptive knowledge about the aromatic hydrocarbons, alkyl halides, alcohols, phenols, ethers and aldehydes & ketones along with some important naming reactions.
Core Course-V	CHEM102PR	2	States of Matter, Chemical Kinetics and Functional Organic Chemistry Lab	<p>Lab course enables students in:</p> <ul style="list-style-type: none"> ❖ Measurements and variation of surface tension and viscosity of liquids. ❖ Kinetics of Hydrolysis and saponification. This will give detailed information regarding the mechanism of the reaction. ❖ Qualitative organic analysis of organic compounds with mono-functional groups.
Core Course-VIII	CHEM201TH	4	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Organic chemistry	<p>This course will equip the students with</p> <ul style="list-style-type: none"> • Depth knowledge about various solutions and azeotropes and their importance in our daily life. • Solvent extraction part will be of extreme important for further carrying out research on natural products. • Phase Equilibrium part include one and two component systems along with complete explanation of phase diagrams. • Conductance part includes the electrolytes, Kohlrausch law, transference number its determination, degree of ionization, solubility product, hydrolysis constant and importance of conductometric titrations • In Electrochemistry study of Reduction, oxidation, EMF data and various types of cells. • Organic chemistry part includes synthesis, physical and chemical properties of carboxylic acids and their derivatives,

					<p>along with amines and diazonium salts.</p> <ul style="list-style-type: none"> • Carbohydrates and their chemistry give better understanding about classification, ascending and descending of series.
Core Course-VIII	CHEM201PR	2	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Organic chemistry Lab	<ul style="list-style-type: none"> ❖ This lab Course will develops keen interest in ❖ Distribution law and its practical applications. ❖ Determination of cell constant, equivalent conductance, degree of dissociation and dissociation constant of a weak acids ❖ Advantages of Conductometric titrations over volumetric titrations. ❖ Synthesis of organic compounds. ❖ Paper chromatography technique along with analysis of organic compound. 	
Core Course-XI	CHEM202TH	4	Chemistry of Main Group Elements, Chemical Energetics and Equilibria	<p>This course emphasize on</p> <ul style="list-style-type: none"> • Hydrogen and its Industrial preparations, Hydrides, Heavy water, Hydrogen bonding and Hydrates. • Detailed information of Main group elements of periodic table, • Chemical energetic and laws of thermodynamics. • Chemical and ionic equilibria. 	
Core Course-XI	CHEM202PR	2	Chemistry of Main Group Elements, Chemical Energetics and Equilibria Lab	<ul style="list-style-type: none"> ❖ Lab work makes students enable with inorganic mixture analysis and expertise on calorimeter to calculate wide varieties of enthalpies. ❖ Hand on practice of pH meter and determination of pH of various solutions. ❖ Preparation of buffer solutions. 	
Skill Enhancement Course (SEC1)	CHEM203TH	4	Basic Analytical Chemistry	<ul style="list-style-type: none"> • This course develops the analytical thinking and experimental skills • It also imparts deep understanding of basic analytical terms and its applications to soil, food and environment. • This course gives students knowledge about the qualitative and quantitative aspects of chemistry. • A section of this course develops industrial skills and awareness regarding adulterations, contaminants and pollutants etc. • Hands on practice on Chromatography techniques, spectrophotometer and flame photometer. 	
Skill Enhancement Course (SEC2)	CHEM204TH	4	Fuel Chemistry & Chemistry of Cosmetics & Perfumes	<ul style="list-style-type: none"> • This course will give immense information about • The chemistry of various commercially useful products like fuels, cosmetics and perfumes • Properties and Classification of lubricants. • Refining of Petroleum products and their applications. • Petrochemicals • Classification and importance of essential oils. 	
Discipline Specific Elective (DSE:2A)	CHEM301TH	4	Polynuclear hydrocarbons, dyes, heterocyclic compounds and spectroscopy (UV, IR, NMR)	<ul style="list-style-type: none"> • This course will give depth knowledge regarding • Synthesis and chemical reactions of Polynuclear hydrocarbons like naphthalene, anthracene and phenanthrene. • Chemistry of various dyes 	

				<ul style="list-style-type: none"> • Heterocyclic compounds synthesis and their chemical properties • As we know that structure determination of synthesized material is highly desirable for its properties and practical applications, so, here the role of spectroscopic techniques is utmost desirable. • This course will provide deep theoretical knowledge about structure elucidation by UV-Visible, Infra Red (IR) and NMR spectroscopic techniques
Discipline Specific Elective (DSE:2A)	CHEM301PR	2	Polynuclear hydrocarbons, dyes, heterocyclic compounds and spectroscopy (UV,IR,NMR) Lab	<p>The students will be well verse with:</p> <ul style="list-style-type: none"> ❖ Paper chromatographic separation of ions and mixtures. ❖ Synthesis and measurement of conductivity of complexes ❖ Colorimetric determination of concentration of unknown coloured solutions.
Discipline Specific Elective (DSE:2A)	CHEM302TH	4	Industrial Chemistry And Environment	<p>This course will groom students in following areas:</p> <ul style="list-style-type: none"> • Various Industrial, metallurgical operations, industrial gases and highly important inorganic chemicals. • Preparation methods of ultrapure metals for semiconductor technology. • Students will also benefitted with vast knowledge of burning Environment issues like Air Pollution, Greenhouse effect, Global warming and Ozone depletion etc. along with sources of energy. • Water Pollution, Water treatment and purification, Effluent treatment, Sludge disposal. • Nuclear Pollution and its management • Importance of green chemistry is also there in this course.
Discipline Specific Elective (DSE:2A)	CHEM302PR	2	Industrial Chemistry And Environment Lab	<p>Lab work enables the students with</p> <ul style="list-style-type: none"> ❖ The techniques used in industrial and environmental chemistry like: Determination of Dissolved Oxygen, CO₂, BOD, COD, salinity and alkalinity in water sample. ❖ Estimation of SPM in air Sample etc. ❖ Preparation of borax/ boric acid.
Discipline Specific Elective (DSE:2A)	CHEM303TH	4	Quantum Chemistry, Molecular Spectroscopy & Photochemistry	<ul style="list-style-type: none"> • As knowledge of quantum mechanics is of utmost important in Research and Development. Hence by introducing this course student will be benefitted in following ways: • To differentiate between Classical and quantum mechanics and have better insight into the vast field of quantum chemistry. • Structure elucidation of organic molecules with advanced analytical tools viz. Molecular spectroscopy, Raman spectroscopy, Electronic and NMR spectroscopy. • Photochemistry and role of photochemical reactions in biochemical processes
Discipline Specific Elective (DSE:2A)	CHEM303PR	2	Quantum Chemistry, Molecular Spectroscopy & Photochemistry Lab	<ul style="list-style-type: none"> ❖ Lab course includes verification of Lambert Beer's law and determination of conc. of unknown solution. ❖ Study the chemical kinetics of organic compounds and dyes. ❖ Analysis of vibration-rotation Spectrum

Discipline Specific Elective (DSE:2B)	CHEM304TH	4	Chemistry of Transition and Inner Transition Elements, Coordination Chemistry, Organometallics, Acids & Bases	<p>This course will enhance the knowledge of students about</p> <ul style="list-style-type: none"> The detailed properties of d block elements, Lanthanides and actinides and their separation methods Structural and stereoisomerism of coordination compounds along with Valence bond theory.. Chemistry of organometallic and metal carbonyl compounds. Crystal Field Theory, distortions of octahedral geometry Various definitions of acids and bases, HSAB principle and their applicability in daily life are also included in the course. Effect of substituent and solvent on the strength of acids and bases.
Discipline Specific Elective (DSE:2B)	CHEM304PR	2	Chemistry of Transition and Inner Transition Elements, Coordination Chemistry, Organometallics, Acids & Bases Lab	<ul style="list-style-type: none"> ❖ Lab course includes Iodometry, iodimetry, gravimetric analysis along with inorganic preparations. ❖ Determination of total hardness of water by complexometric titrations
Discipline Specific Elective (DSE:2B)	CHEM305TH	4	Polymer Chemistry	<ul style="list-style-type: none"> Due to wide range of industrial applications of polymeric material this course has been introduced for undergraduate with chemistry, it will have developed understanding of Brief history and classification of polymeric materials along with mechanism of some polymerization techniques. Detailed description of polymer solution. Physical, thermal, Flow & Mechanical Properties of polymers. This course enables the students to determine the crystallinity, morphology of polymeric materials along with determination of their molecular weight via viscometry, light scattering and osmotic pressure methods.
Discipline Specific Elective (DSE:2B)	CHEM305PR	2	Polymer Chemistry Lab	<ul style="list-style-type: none"> ❖ Lab course includes preparation of some polymers ❖ Molecular weight determination of polymers by different methods.
Discipline Specific Elective (DSE:2B)	CHEM306TH	4	Molecules of Life	<ul style="list-style-type: none"> This course develops better understanding of: Biologically important molecules like lipids, amino acids, peptides, proteins, enzymes and nucleic acids. The students will know about the structure activity relationship of drug and enzymes and concept of energy in various bio-systems after completion of this course
Discipline Specific Elective (DSE:2B)	CHEM306PR	2	Molecules of Life Lab	<ul style="list-style-type: none"> ❖ This Lab course develops the student's interest in ❖ Enzymatic action of carbohydrates via using different chemical techniques to separate, extract and study the course of action and effect of temperature on salivary amylase on starch. ❖ Determination of saponification and iodine value of fats/oils. ❖ Paper chromatographic separation of amino acids
Skill Enhancement	CHEM307	4	Chemical Technology & Society and Business Skills For	<ul style="list-style-type: none"> In this course students learn about various terms:

Course (SEC3)			Chemistry	<ul style="list-style-type: none"> • Chemical technologies and their applications for the betterment of society. • Clean technology. • Chemical and scientific literacy • Some basic business skills. • Current challenges and opportunities for chemistry • Crucial role of chemistry in Indian and global economies. • Intellectual property and patents
Skill Enhancement Course (SEC4)	CHEM308	4	Pesticide chemistry & pharmaceutical chemistry	<ul style="list-style-type: none"> • This course gives detailed knowledge about the classification, synthesis, mode of action, benefits and adverse effects of pesticides. • At the end of course students will obtain enough knowledge how to use pesticides judiciously in agriculture and in other fields. • Pharmaceutical portion includes drug discovery, design/development as well as synthesis of representative drugs of various classes namely few analgesic, antipyretic, antibiotics, antibacterial, antifungal, antiviral, Cardiovascular, antiloprosy, HIV-AIDS related drugs. • It enables students fit for pharmaceutical industry. • Besides, students will be quite familiar with fermentation processes as well as synthesis of ethanol, citric acid, antibiotics, amino acids and vitamins

Department of Physics

Programme Outcome

POs	Physics Specific Outcomes
PO1	To make students aware of basic principles, laws and Mathematical analysis of various concepts in physics. Upon completion of the physics course a learner should be able to recognize and apply the principles of Physics for understanding various phenomena occurring in nature.
PO2	To explain various theories behind various phenomenon of nature and universe.
PO3	To make students understand working, working principle of various devices, electric circuits, electronic circuits used in today's world. Upon completion of a degree in Physics the students are able to employ critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments, at a level suitable to succeed at an entry-level position in industry. They are also well efficient in development of methods for the handling of electric & electronic appliances and use of modern instrumentation
PO4	Upon completion of a physics degree, the students are able to interpret and analyze quantitative data and to inculcate scientific temper and encourage contribution in scientific development..
PO5	To impart basic training through practical on various electric, electronic, digital and mechanical devices. Upon completion of a B.Sc. in Physics, students are able to understand theoretical concepts of instruments that are commonly used in most of industry & research institutions.
PO6	To encourage Innovative ideas through projects based on theories, concepts and practical by students. Projects for outgoing students upon completion of B. Sc. Degree such as manufacturing of computer hardware, electric & electronic devices.
PO7	Preparation for employment of advanced study in Physics or any of the allied fields. And to encourage students for research in Physics and take up career in Scientific research of national and International importance.

Department of Physics

Course learning outcomes

S.No.	Course Title	Course Code	Class	Co's	Course Outcome
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1	Mechanics	PHYS101	B.SC 1st Year	CO1	To impart knowledge about various aspects of mechanics. Students will have a firm foundation in the fundamentals and application of theory and laws of physics in field of technology.
				CO2	Application of principles in terrestrial world development.
				CO3	Applications of theory of relativity in astronomy and space science.
2	Electricity, Magnetism and EMT	PHYS102	B.SC 1st Year	CO1	To impart knowledge about static electricity with applications in science.
				CO2	To make aware about various principles of current electricity and its applications.
				CO3	To make students aware of Magnetic effects of current and applying it to science.
				CO4	To develop interest in concept of em waves . role of em waves in science today.
				CO5	Em waves and understanding universe.
3	Statistical and Thermal Physics (DSE)	PHYS201	B.SC 2nd Year	CO1	To train students in statistical methods .
				CO2	To use Statistical phenomenon in thermal applications of solids and gases .
				CO3	To impart knowledge about various devices and making use of thermodynamics.
4	Waves and Optics (DSE)	PHYS202	B.SC 2nd Year	CO1	To impart knowledge about waves & oscillations.
				CO2	Applications of waves & oscillations to solids.
				CO3	To make students understand basic concept of optics.
				CO4	Applications of concepts of optics in explaining various phenomenon of nature and astronomical phenomenon.

5	Physics Workshop Skills (SEC)	PHYS203	B.SC 2nd Year	CO1	To enable the students to get familiar with various mechanical and electrical tools.
				CO2	Applications of with various mechanical and electrical tools through hands-on mode.
6	Computational Physics (SEC)	PHYS204	B.SC 2nd Year	CO1	1. To make students aware of basics of computer programming.
				CO2	To impart Knowledge of Numerical analysis and its use in computation physics.
				CO3	To emphasize its role in solving problems in Physics.
7	Electrical Circuits and Network Skills (SEC)	PHYS205	B.SC 2nd Year	CO1	To enable the students to design the electrical circuits and networks. Knows the proper procedures and regulations for safe handling and use of electric and electronic devices and can follow the proper procedures and regulations for safe handling when working with electric appliances.
				CO2	To understand trouble shoots in electrical circuits, networks and appliances.
				CO3	Hands-on mode applications.
8	Basic Instrumentation Skills (SEC)	PHYS206	B.SC 2nd Year	CO1	This course is to get exposure with various aspects of instruments and their usage through hands-on mode. They are able to use modern instrumentation and classical techniques, to design experiments, for improvement in technology in use for betterment of human life.
9	Elements of Modern Physics (DSE-1 A)	PHYS301	B.SC 3rd Year	CO1	To make students aware of basic principles of micro world.
				CO2	To differentiate between micro and macro world.
				CO3	To explains facts through application of these principles.
				CO4	To explains atomic energy.
10	Solid State Physics and Electronics (DSE-1 A)	PHYS302	B.SC 3rd Year	CO1	Are able to identify and solve problems and explore new areas of research and are also able to communicate the results of their work in oral, written and electronic formats and to make students aware of basics of solid structure.
				CO2	To impart knowledge about application in designing various electronic circuits.
				CO3	To tell students about various solid state devices and their role in development in science and applications.

11	Astronomy and Astrophysics (DSE-1 A)	PHYS303	B.SC 3rd Year	CO1	To explains basic principles of Astronomy.
				CO2	To impart knowledge about astronomical events.
				CO3	To develop interest in understanding universe.
12	Nuclear and particle Physics (DSE-1 B)	PHYS304	B.SC 3rd Year	CO1	To make student aware of nucleus and it' constituents and models to explain nucleus.

				CO2	To make students understand various underlying principles that explain Nuclear properties.
				CO3	To make students aware of it's applications in nuclear energy and origin of solar energy.
				CO4	To tell students about elementary particle and it's applications to unfold mysteries of universe.
13	Quantum Mechanics (DSE-1 B)	PHYS305	B.SC 3rd Year	CO1	To make students aware of basic principles of micro world.
				CO2	To differentiate micro from macro world.
				CO3	To explains facts through application of these principles.
				CO4	To explains atomic energy.
14	Physics of Devices and Instruments (DSE-1 B)	PHYS306	B.SC 3rd Year	CO1	To imparts knowledge about various Electric and electronic devices. To impart ability to find gainful employment in industries like manufacturing of hardware, electronic and electric appliances etc. Ability to find employment in Govt. Organizations and academic institutions.
				CO2	To make students understand power supply and it's principles on how it works.
				CO3	To make students understand Working of communication systems.
15	Radiation Safety (SEC-2)	PHYS307	B.SC 3rd Year	CO1	To Make students aware of Radiation hazards.
				CO2	To make them understand ill effects of radiation exposure.
				CO3	To make students aware of radiation safety procedures and techniques.
				CO4	To explain safe use of radiation equipment in medical and other applications.

6	Applied Optics (SEC-2)	PHYS308	B.SC 3rd Year	CO1	Skill based Project or Dissertation work on any topic of syllabus for Analytical skill/ Problem solving.
7	Weather Forecasting (SEC-2)	PHYS309	B.SC 3rd Year	CO1	To make the students aware of theoretical principles in weather phenomenon.
				CO2	To enable them to develop awareness and understanding regarding the causes and effects of different weather phenomenon.
				CO3	To make them understand basic forecasting techniques.
8	Renewable Energy and Energy Harvesting (SEC-2)	PHYS310	B.SC 3rd Year	CO1	To impart knowledge about primary sources and secondary sources of Energy.
				CO2	To impart knowledge about various harvesting techniques to improve the current agriculture practices .

CO3	To provide them with exposure and hands-on learning .
CO4	To enable students develop better harvesting methods for betterment of society.

Department of Mathematics

Programme Outcome

POs	Mathematics Specific Outcomes
PO1	Ability to acquire in-depth knowledge of algebra, calculus, geometry, differential equations and several other branches of mathematics. This also leads to study of related areas like computer science and physical science. Thus, this Program helps learners in building a solid foundation for higher studies in mathematics.
PO2	The skills and knowledge gained has intrinsic beauty, which also leads to proficiency in analytical reasoning. This can be utilized in modeling and solving real life problems.
PO3	To recognize patterns and to distinguish between essential and irrelevant aspects of problems.
PO4	Utilize mathematics to solve theoretical and applied problems by critical understanding, analysis and synthesis
PO5	Ability to share ideas and insights while seeking and benefitting from knowledge and insight of others. This helps them to learn behave responsibly in a rapidly changing interdependent society
PO6	Ability to communicate mathematics effectively by written, computational and graphic means. To Create mathematical ideas from basic axioms. This Program will also help students to enhance their employability for jobs in banking, insurance and investment sectors, data analyst and in various other public and private enterprises
PO7	Ability to apply multivariable calculus tools in physics, economics, optimization, and understanding the architecture of curves and surfaces in plane and space etc.

Course learning outcomes :

1) Differential Calculus (MATH101TH)

Students will be able to

- Define limit and continuity, Discuss the differentiability, Higher order differentiability, Leibnitz Theorem.
- Rolle's theorem , Lagrange's Mean Value Theorem , Cauchy's Mean Value Theorem
- Concavity and Convexity, Points of inflexions Radius of Curvature, Centre Of Curvature. Asymptotes
- Function of several Variables , Maxima and Minima , Jacobian.

2) Differential equations (MATH102TH)

Students will be able to

- Extract the solution of differential equations of the first order and of the first degree by variables separable, Homogeneous and Non-Homogeneous methods.
- Find a solution of differential equations of the first order and of a degree higher than the first by using methods of solvable for p , x and y .
- Compute all the solutions of second and higher order linear differential equations with constant coefficients, linear equations with variable coefficients.
- Solve simultaneous linear equations with constant coefficients and total differential equations.
- Form partial differential equations.
- Find the solution of First order partial differential equations for some standard types.

3) Real Analysis (MATH201TH)

Students will be able to

- Define different types of sequence.
- Discuss the behavior of the geometric sequence.
- Prove properties of convergent and divergent sequence.
- Verify the given sequence in convergent and divergent by using behavior of Monotonic sequence.
- Prove Cauchy's first limit theorem, Cesaro's theorem, Cauchy's Second limit theorem.
- Explain subsequences and upper and lower limits of a sequence.
- Give examples for convergence, divergence and oscillating series.
- Discuss the behavior of the geometric series.
- Prove theorems on different test of convergence and divergence of a series of positive terms.
- Verify the given series is convergent or divergent by using different test.

4) Algebra (MATH202TH)

Students will be able to

- Define subgroup, center, Normalizer of a subgroup.
- Find cycles and transpositions of a given permutations.
- Prove Lagrange's theorem ,Euler's theorem and Fermats theorem
- Define cyclic groups .
- Prove a group has no proper subgroup if it is cyclic group of prime order.
- Define normal subgroups , quotient groups and index of a subgroup.
- Define homomorphism ,kernel of a homomorphism, isomorphism.
- Prove Cayley's theorem , the fundamental theorem of homomorphism for groups
- Define rings , zero divisors of a ring , integral domain , field and prove theorems

5) Integral Calculus (MATH309TH)

Students will be able to

- Solve Basic Integral Calculus problems.
- Explain properties of definite integrals.
- Prove reduction formulae and solve some problems by using this formulae.
- Evaluate double and triple integrals.
- Apply change variable method to find the value of double and triple integral.

6) Vector Calculus (MATH310TH)

Students will be able to

- Find the angle between planes, Bisector planes, Perpendicular distance from a point to a plane, Image of a line on a plane, Intersection of two lines
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- Define coplanar lines and illustrate
- Compute the angle between a line and a plane, length of perpendicular from a point to a line
- Define skew lines
- Calculate the Shortest distance between two skew lines
- Find and interpret the gradient curl, divergence for a function at a given point.
- Interpret line, surface and volume integrals
- Evaluate integrals by using Green's Theorem, Stokes theorem, Gauss's Theorem

7) Matrices (MATH301TH)

Students will able to

- Define linear span and linear independence, linear dependence .
- Discuss the linear transformations, rank, nullity.
- Find the characteristic equation, eigen values and eigen vectors of a matrix.
- Solve the system of simultaneous linear equations

8) Numerical Methods (MATH304TH)

Students will able to

- Define Basic concepts of operators Δ, E, ∇
- Find the difference of polynomial
- Solve problems using Newton forward formula and Newton backward formula.
- Derive Gauss's formula and Stirling formula using Newton forward formula and Newton backward formula.
- Derive Simpson's $1/3, 3/8$ rules using trapezoidal rule
- Find the summation of series finite difference techniques
- Find the solution of ordinary differential equation of first by Euler methods

9) Probability and Statistics (MATH313TH)

Students will able to

- Define probability density function, probability distribution
- Derive mathematical expectation, binomial, poisson, normal distribution
- Solve the problems of large samples and small samples
- Discuss the moment generating functions, chi-square distribution

10) Transportation And Game Theory(MATH317TH)

Students will able to

- Define transportation problem and its mathematical formulations.
 - Algorithm for solving transportation problem.
 - Assignment problem and its mathematical formulation.
 - Game theory, formulation of two person zero sum games.
 - Graphical solution procedure.
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Department of Botany
Course learning Outcomes

DISCIPLINE SPECIFIC COURSES (DSC)				
Sr. No	Course Title	Courses Code	Class	Course Outcome
1.	Biodiversity (Microbes, Algae, Fungi and Archegoniates) DSC-IA	BOTA 101	BSc.-I year	1. To make students aware of various flora of country and HP 2. To provide the knowledge of Economic and ecological importance of flora.
2.	Plant Ecology and Taxonomy DSC-IB	BOTA 102	BSc.-I year	1. To make understanding about the interaction and interdependence of various organisms. 2. To make understand of the methods of classification of plants.
3.	Plant Anatomy and Embryology DSC-IA	BOTA 201	BSc.-II year	1. To make aware the students about the internal organization of plants 2. To impart knowledge about the floral parts, embryo and fertilization process in plants.
4.	Plant Physiology and Metabolism DSC- IB	BOTA 202	BSc.-II year	1. To make students aware about the various metabolic activities of plant

				body. 2. To know the students about various enzymes and hormones in plants.
Skill enhancement courses (SEC)				
5.	Biofertilizers	BOTA 203	BSc.-II year	1. To provide knowledge how to increase or maintain soil fertility. 2. To make the students know about the various biofertilizers for particular crop.
6.	Gardening and Floriculture	BOTA 204	BSc.-II year	1.To provide knowledge about the methods of gardening and floriculture
7.	Medicinal Botany and Ethnobotany	BOTA 306	BSc.-III year	1. To make students aware about the local aromatic and medicinal plants. 2. To provide the knowledge about marketing, economic value and medicinal uses of plants.
8.	Mushroom Cultivation Technology	BOTA 307	BSc.-III year	1. To make the students acquainted the various techniques of mushroom cultivation. 2. To provide the students knowledge about the medicinal, economic and nutritional values of mushrooms.
Discipline specific elective DSE				
9.	Economic Botany & Biotechnology	BOTA 301	BSc.-III year	1. To provide the knowledge of various plants of economic value. 2. To provide the information of various techniques to improve the crop productivity, control disease and make plant resistant.
10	Cell and Molecular Biology	BOTA 303	BSc.-III year	1. To impart the knowledge of various cellular organelles and activities. 2. To make the students aware of gene expressions and controls.

Department of Botany

Programme outcome

POs	Botany specific outcomes
1	To make students know about the local flora and flora of country.
2	To make the students aware about the importance of plants in our life.
3	To sensitize the students about the biodiversity and Ecological importance.
4	To provide the information about the role of plants to maintain the environmental equilibrium.
5.	To impart the information of the various economic, ecological, social, ethical and medicinal values of plants.
6.	To motivate the students for the research in the field of plant sciences and its associated branches.
7.	To provide information about the role of plants in the seasonal variations of climate.
8.	To make students aware about the techniques for fruit and crop improvement.
9.	To make students aware about the role forests and forest products in our life.
10	To make sensitize the students about various scopes of botany for their future career.

DEPARTMENT OF GEOLOGY

PROGRAMME OUTCOMES IN BSC GEOLOGY

Geology is the core discipline of the earth sciences and encompasses many different phenomena, including plate tectonics and mountain building, volcanoes and earthquakes, and the long-term evolution of Earth's atmosphere, surface and life. Because of the ever-increasing demand for resources, the growing exposure to natural hazards, and the changing climate, geology is of considerable societal relevance. This course introduces students to the basics of geology. Through a combination of lectures, labs, and field observations, we will address topics ranging from mineral and rock identification to the origin of the continents, from geologic mapping to plate tectonics, and from erosion by rivers and glaciers to the history of life.

The course outcomes of various courses taught to B.Sc. Geology are:-

1. GEOL 101TH and GEOL 101PR

(DSC-1 Physical Geology and Geomorphology)

- Preliminary acquaintance about Geology.
- About the origin of the Earth, its internal and external features.
- The diversity of landforms present on planet earth.
- The processes that carve the surface of earth.
- How the landscapes evolve with time.
- How humans have modified the natural landscapes?

2. GEOL 102TH and GEOL 102PR

(DSC-2 Structural Geology and Mineralogy)

- To educate the students about the concept rock deformation.
- To understand qualitative aspects of brittle and ductile deformation processes, and descriptive analysis.
- Fundamental understanding of their classification, structure, and properties.
- Basic principles of crystal chemistry and how this is related to the external form, chemical composition, and physical properties of minerals.
- Identification, classification and interpretation of the occurrence of rock-forming minerals.

3. GEOL 201TH and GEOL 201 PR

(DSC-3 Petrology)

- Understand the basic concept of petrology and understand formation and types of mineral deposits associated with rocks.
- Understand magma generation and evolution, and classify igneous rocks.
- Understand fundamentals of sedimentary processes and stratigraphic correlation.
- Understand factors of metamorphism, and to classify metamorphic rocks.

4. GEOL 202TH and GEOL 202PR

(DSC-4 Stratigraphy and Paleontology)

- Understand the basic concept of paleontology and stratigraphy.
- Understand fossil identification and description and application of fossils in organic evolution.
- Understand fundamentals of stratigraphy and its branches.
- Understand stratigraphy and sedimentation history of different sedimentary basins of India.

5. GEOL 203TH

(SECC-1 Geochemistry)

- To impart basic knowledge of elemental and isotopic concentrations, classification and behaviour of elements in the crust, continental lithospheric mantle and mantle.

- To train the students to understand the behaviour of geochemical elements in different igneous rock types.
- To understand the basic concepts of geochemistry to distinguish igneous, sedimentary and metamorphic rocks and their differentiations.
- To understand magma generation, evolutionary trend and classification of igneous rocks.

6. **GEOL 204TH**

(SECC-2 Fuel Geology)

- Classification and composition of petroleum.
- Accumulation and preservation of organic matter in sediments.
- Source rocks, formation of petroleum.
- How primary and secondary migration of petroleum take place.
- Formation and classification of structural and stratigraphic traps, sealing.
- Reservoir rocks, porosity and permeability and what control these properties.
- Petroleum systems and hydrocarbon plays.

7. **GEOL 301TH**

(SECC-3 Photo Geology and Remote Sensing)

- To provide exposure to students in gaining knowledge on concepts and applications leading to modeling of earth resources management using Remote Sensing
- Fully equipped with concepts, methodologies and applications of Remote Sensing Technology.

8. **GEOL 302TH**

(SECC-4 Himalayan Geology)

- Learn to create web pages & web portals using HTML, PHP and hosting it on the internet.
- Able to implement client side scripting.
- Able to learn to create responsive pages using CSS

9. **GEOL 303TH and GEOL303 PR**

(DSE-1 Applied and Economic Geology)

- Engineering properties of rocks.
- Importance of geology in civil engineering projects.
- Tunnel. Geological considerations for tunneling grounds.
- Highway. Geological considerations for construction of highways.
- Dam. Geological consideration for the selection of a dam site and Reservoir.
- Understand process of formation of different types of ore deposits.
- Understand geological setting, mineralogical characteristics and Indian distribution of non-metallic mineral deposits and building materials

10. **GEOL304 TH and GEOL304 PR**

(DSE-2 Environmental Geology and Geohydrology)

- Get Basic knowledge and understanding of the analysis and design of complex geological systems.
- Ability to apply software engineering principles and techniques.

- Ability to develop, maintain and evaluate large-scale software systems.
- Able to produce efficient, reliable, robust and cost-effective software solutions.

Department of Zoology

Outcomes of the Programme

ZOOL 101- Animal Diversity- This course provides the knowledge of Animal Biodiversity, which will allow the student to study the diversity in the field.

ZOOL 102- Comparative Anatomy and development Biology of Vertebrates- This course emphasizes on the anatomy and development biology of different higher animals with respect to each other. After studying this course the student will be able to differentiate the basic anatomical details of the animals. Also he will be able to know the process of development of the embryo into the adult.

ZOOL 201- Physiology and Biochemistry- This course deals with the functions and their mechanisms involved in animals. It is helpful in knowing the basic functioning of the body organs. By this the student will be able to know how the internal body structures and their functioning.

ZOOL 202- Genetics and Evolutionary Biology- Genetics provides the insight into the heredity of the organisms. So this course is helpful in knowing the ancestral history and the transfer of genetic characters to the next progeny. The student will be able to Genetically based diseases and their inheritance.

ZOOL 203- Medical Diagnostics- This is Skill based course regarding Medical Diagnostics in which the various medical tests are mentioned. It will be helpful in knowing the relevance of performing different test for medico-legal cases.

ZOOL 204- Apiculture- This is Skill based course regarding Apiculture which provides the knowledge of rearing of honeybees on commercial basis. This is helpful for setting their own Apiary and earn money.

ZOOL 301A- Applied Zoology- This course provides student different types of disease causing agents and the insects which are harmful to commercial crops. It will be helpful in knowing the disease causing agents and the diseases they cause along with the preventive measures, which will be helpful for the society.

ZOOL 301B- Animal Biotechnology- This course allows the student to know different techniques used in Biotechnology. It can lead the student to enter the Biotechnology Lab and work for the betterment of human society.

ZOOL 301C- Aquatic Biology- It is the course which is helpful in knowing the aquatic life, and their problems. This course will help the student in knowing the various parameters of freshwater and marine life.

ZOOL 302A- Insect, Vectors and Diseases- By studying this course the student will be able to differentiate between the insects which transfer the disease causing agents and the respective diseases. Knowing of insect vectors and their control measures will help in awareness of the community and will lead to hygienic life.

ZOOL 302B- Immunology- This course provides the knowledge of the mechanisms involved in providing immunity to the organism and importance of vaccination.

ZOOL 302C- Reproductive Biology- Reproduction is the basic process of sustenance of life on earth. This course provides the knowledge of the process of human reproduction and diseases related to the respective

reproductive organs. This is helpful in knowing our own reproductive systems and will help in awareness of people regarding the reproductive health.

ZOOL 303- Sericulture- It is a Skill based course and deals with the rearing of silkworm. By knowing the proper procedure the skilled person can setup his own culture which will provide employment for him and others.

ZOOL 304A- Aquarium Fish Keeping- It is a Skill based course and provides the knowledge of setting up the aquarium and the biology of fishes which can be reared. The skilled person can generate employment through this.

ZOOL 304B- Research Methodology- It is a Skill based course regarding in which the basic knowledge of research design, data collection, analysis and writing skills are studied. This is helpful for the student going for higher studies and research.

General Outcome of the overall Programme

1. After the completion of Graduation in BSc (Medical), the student can be eligible for the higher studies, i.e. Post-Graduation in Zoology, Botany, Chemistry, Biotechnology, Microbiology, Forensic Sciences, Biomedical Engineering, etc.
2. After Graduation he/she can apply for the post of Fisheries Officer in the state.
3. They can apply for the Civil Services at country or state level, for IAS, IFS, HAS, HPFAS, etc.
4. If the age is not the bar, he/she can apply for NEET entrance examination, as the student has now the depth of knowledge as compared to Senior Secondary School.
5. After doing the Post-Graduation, the student can go for Research in the respective field.
6. As a Data Analyst they can do job which is highly paid job.
7. A job of Patent Analyst is also an option.

Department of English

Course Learning Outcomes

Discipline Specific Courses (DSC) for BA I Year with Compulsory Course				
Sr. No.	Course Title	Courses Code	Year	Course Outcome
1.	English-I Core English (Compulsory) for BA and B Com	ENG CE 101	BA I Year	By completion of this course students will be able to : i) develop Reading, writing, listening and speaking Skills. ii) have an enhanced understanding of grammatical rules. iii) will be able to appreciate and differentiate between various branches of literature.
2.	DSC- IA English Literature -1 (Essays, Stories and Poems)	ENG DSC 102	BA I Year	I) Introduce different genres of literature and enhance their knowledge of grammar. II) To heighten their sense of cultural diversity by presenting them with Essays, Stories and Poems from different languages and times.

				III) To acquaint the students about the plight of the oppressed through the works of eminent writers.
3.	DSC- IB English Literature -2 (Poems, Short Stories and Essays)	ENG DSC 103	BA I Year	i) It will offer an insight into the language politics of Hindi and Urdu, linguistic plurality of our Indian sub- continent and Tribal, Dalit voices will rage with confidence. ii) This course will not only shed light on concepts of civilization or nationalism only but will bring forth the literary cultures of Gujrati, Sindhi, Kannada and Bangla too.
4.	AECC-2 Writing Skill	ENG AECC 104	BA I Year	i) This course familiarizes the students of BA and B Sc with the different modes of formal communications. ii) It aims at addressing the importance of communication skills through an interactive mode of teaching-learning process and by focusing on various dimensions of communication skills.
Discipline Specific Courses (DSC) with Skill Enhancement Courses (SEC) for BA II Year				
5.	English-2 Core English (Compulsory) for BA and B Com	ENG CE 201	BA II year	i) The prescribed course equips students with language that includes proficiency in grammar, its effective usage in speaking and writing. It also develops their personality. ii) It further helps them to prepare for various competitive exams. iii) It also enable the students to commit fewer errors while organizing, structuring and writing sentences as the course focuses on improving the grammatical skills of the students.
6.	DSC-1C British Literature (Play and Novel)	ENG DSC 202	BA II year	i) On completion of the course, students shall display a sharp understanding of various ages in History of English Literature. ii) It makes them understand the origin, evolution and various facets of drama and novel. iii) The course helps the students to develop fundamental distinction between drama and novel. iv) It introduces students to the artistic world of Shakespeare and Charles Dickens and their pivotal role in shaping the modern form of drama and novel. v) It inculcates in the students a deep critical appreciation for The Merchant of Venice and Oliver Twist.

7.	DSC-1D Literary Cross Currents	ENG DSC 202	BA II year	<ul style="list-style-type: none"> i) Appreciate the historical trajectory of various genres of Indian writing from colonial times till now. ii) Analyze Indian literary texts in terms of colonialism, regionalism, post colonialism and nationalism. iii) Understand the role of literary translation as a medium of political awakening. iv) Understand the issues of caste and gender in Indian Culture. v) Develop a literary sensibility and display an emotional response to the literary texts and its representation of culture.
8.	AEEC/SEC-1 Creative Writing, Book and Media Reviews	ENG AEEC/SE C-204	BA II year	<ul style="list-style-type: none"> i) To enhance their creative writing skills. ii) To introduce the literary terms and make students familiarize with their usage. iii) Students shall be able to appreciate and compose diverse forms of poetry and write an act of a play. iv) Students shall be well versed in the art of writing reviews of books and movies from a critical stand point.
9.	AEEC/SEC-2 Translation Studies and Principles of Translation (Basic Concepts and Readings)	ENG AEEC/SE C-205	BA II year	<ul style="list-style-type: none"> i) To introduce them to the basic concepts to translation studies. iii) Introduce the students to literary writings in various Indian languages through translated versions.
Discipline Specific Elective (DSE) with Skill Enhancement Courses (SEC) and Generic Elective Courses (GE) for BA III Year				
10.	DSE-1A Soft Skills	ENG DSE 303	BA III year	<ul style="list-style-type: none"> I) To highlight the significance of Soft Skills in everyday life and in achieving success. II) To enhance the ability of students for corporate communication specially verbal and non verbal communication.

11.	DSE-1B Academic Writing and Composition	ENG DSE 304	BA III year	<ul style="list-style-type: none"> i) to introduce students to the concepts of academic writing and critical reading and illustrate their interconnectedness ii) to make students aware of how to write formal and academic prose in English and therefore to improve it. iii) to enable an understanding of the shifts in reading and writing practices with the advent of digital technology and the formation of digital illiteracies. iv) To instill a critical perspective with which students approach the different disciplines in better manner.
12.	AEEC/SEC-3 Technical Writing	ENG AEEC/SE C-301	BA III year	<ul style="list-style-type: none"> i) Design an effective technical documents for both print and digital media ii) Understand and know how to follow the stages of the writing process (prewriting / writing/ rewriting) and apply them to technical and workplace writing tasks. iii) Students will be familiar with the formats of writing different technical papers from memos, Memorandums, agenda, minutes of a meeting to power point presentation. iv) Students will be able to write the project reports and research papers by applying the specific formats. v) The students will be able to understand the collection of primary and secondary data and the interpretation by using different methods of interpretation. vi) Students will be able to synthesize and integrate material from primary and secondary sources with their own ideas. vii)
13.	AEEC/SEC-4 Business Communication	ENG AEEC/SE C-302	BA III year	<p>After the completion of course the students will:</p> <ul style="list-style-type: none"> i) Get familiarize with skills of English language to be used in transaction of their day to day business. ii) Know the verbal and non-verbal aspects of communication. iii) Understand the formats of writing business letters memos, sales letters, fax emails and video conferencing. iv) Prepare themselves for seminars, mock interviews, group discussions and presentations. v) Develop effective communication skills to deal with different situations in life.

14.	GE-1 Literature From Himachal	ENG GE 305	BA III year	<ul style="list-style-type: none"> i) To introduce the students to the literature and cultures of Himachal Pradesh. ii) The students will be able to understand cultural diversity of H.P. through various stories and poems etc. iii) To introduce the students to literature and culture of marginalized.
15.	GE-2 Contemporary India: Women and Empowerment	ENG GE 305	BA III year	<ul style="list-style-type: none"> i) To instill in them the critical understanding to evaluate a text from feminisms point of view. ii) Introduce them to the various stages of western feminism movement and women's movement in India. iii) Comprehend the psychological, sociological, cultural, racial, gender issues in texts and history. iv) Make them aware of the key concepts of patriarchy, social conditioning, masculinity, sex, gender, transgender, domestic violence etc.

Programme outcome

After completing BA with English, students have various avenues to pursue their career goals. Some of them can be enumerated as under:

POs	BA With English
1	To make students comfortable with the usage of English Language in their daily activities.
2	To make the students aware about the importance of grammatical rules.
3.	To prepare and compete in national level exams to get a job.
4.	To go for higher education in universities to cater to the eligibility of higher education cadre.
5.	To opt for B. Ed. course to be eligible for school cadre.
6.	To make students aware about the opportunities in the field of journalism.
7.	To sensitize the students about the importance of soft skills in pursuance of their desired goal.
8.	To encourage students to start writing their blogs to earn and hone their creative writing skills.
9.	To motivate the students for the research in the field of literature
10.	To sensitize the students about various scopes of English as a global language for their future career.

हिन्दी विभाग

Programme/Course Learning Outcomes

क्र.सं.	कोर्स शीर्षक	कोर्स कोड	कक्षा	Course Outcome
.1	प्रयोजनमूलक हिन्दी)Core Course बी.(कॉम.बी)/.ए.	HIND101	बीप्रथम .ए. वर्ष	इस कोर्स को पढ़ने के बाद विद्यार्थी— सामान्यतः कार्यालयी कार्य का व्यावहारिक ज्ञान अर्जित कर पाएंगे। इस कोर्स को पाठ्यक्रम में रखने का ध्येय ही यह है कि विद्यार्थी अपने सामान्य चयनित विषयों का ज्ञान प्राप्त करते हुए कार्यालय की गतिविधियों को भी सीख सकें। इस हेतु पाठ्यक्रम में प्रारूपण, टिप्पण, प्रतिवेदन के अतिरिक्त पत्राचार से संबंधित विविध पहलुओं को स्थान दिया गया है। भाषिक क्षमता के विकास के लिए व्याकरण के सामान्य विषयों के साथ-साथ अनुवाद, कार्यालयी अनुवाद, देवनागरी लिपि के सम्बन्ध में सम्यक जानकारी के अतिरिक्त कंप्यूटर में हिन्दी के प्रयोग के विषय में भी विद्यार्थी विविध जानकारी प्राप्त कर सकेंगे।
.2	हिन्दी साहित्य का इतिहास)DSC-1A(	HIND102	बीप्रथम .ए. वर्ष	यह कोर्स उन विद्यार्थियों के लिए बनाया गया है जिन्होंने मुख्य विषयों में से एक के रूप में हिंदी का चयन किया है। इस कोर्स को पढ़ने के बाद विद्यार्थी हिन्दी साहित्य के उत्स से लेकर आधुनिक काल तक के इतिहास को समझ पाएंगे। हिंदी साहित्य के इतिहास को चार कालखंडों में बांटा गया है और विद्यार्थी पाठ्यक्रम की चार इकाइयों में इस बारे में जानकारी प्राप्त कर सकेंगे। हिंदी साहित्य के उत्स जिसे सामान्यतः आदिकाल कहा जाता है, से लेकर अब तक राजनीतिक, धार्मिकसामाजिक, सांस्कृतिक आदिकारणों से हिंदी साहित्य में क्या परिवर्तन आए और क्यों आए इसकी गहन जानकारी विद्यार्थियों को देना और हिंदी साहित्य के क्रमिक विकास और प्रवृत्तियों को समझना समझाना ही इस कोर्स का उद्देश्य है।
.3	मध्यकालीन हिंदी कविता)DSC-1B(	HIND103	बीप्रथम .ए. वर्ष	यह कोर्स भी उन विद्यार्थियों के लिए बनाया गया है जिन्होंने मुख्य विषयों में से एक के रूप में हिंदी का चयन किया है। इस कोर्स को पढ़ने के बाद विद्यार्थी मध्यकाल अर्थात् भक्तिकाल और रीतिकाल के 4-कवियों के 4 व्यक्तित्व और कृतित्व की जानकारी प्राप्त करते हुए पाठ्यक्रम में निर्धारित पद्य अथवा पद्यांशों की व्याख्या करतेसमझते हुए हिं/दी साहित्य की आरंभिक प्रकृति, प्रवृत्तियों और विशेषताओं को और अधिक गहराई से समझ पाएंगे और चयनित कवियों का उस कालखंड के साहित्य में क्या महत्व था यह भी जान पाएंगे।
.4	अनिवार्य हिंदी 'रचना पुंज')Core बी.(कॉम.बी)/.ए.	HIND201	बीद्वितीय .ए. वर्ष	यह कोर्स बीके सभी विद्यार्थियों को साहित्य के सामान्य .कॉम.और बी.ए. अनुभव से गुजरने के लिए बनाया गया है। उद्देश्य यही कि अपनी रुचि और अध्ययन की प्राथमिकताओं/आवश्यकताओं के अनुरूप वे जो कुछ भी / पढ़ें किन्तु एक साहित्यिक अनुभव और दृष्टि उनके सोचने, समझने और अनुभव के दायरे में गुणात्मक परिवर्तन ला सकता है और उन्हें जीवन के प्रति और अधिक जागरूक और संवेदनशील बना सकता है। इस कोर्स में कविताओं, कहानियों और अन्य गद्य रचनाओं का चयन इसी दृष्टि से किया गया है। इस कोर्स को पढ़ने के बाद विद्यार्थी में साहित्य की एक सामान्य समझ और समग्रतः जीवन के प्रति एक संवेदनशील दृष्टि विकसित हो सकेगी।

.5	आधुनिक हिंदी कविता)DSC-1C(	HIND202	बी.ए. द्वितीय वर्ष	यह कोर्स विद्यार्थियों को आधुनिक कालीन कविता की संवेदना से अवगत करवाने के लिए किया गया है। इस कोर्स में आधुनिक काल के प्रवर्तक भारतेन्दु हरिश्चन्द्र के अतिरिक्त उसी दौर के अयोध्या सिंह उपाध्याय से 'हरिऔध' लेकर नई कवितातकके चुने हुए कवियों की चयनित कविताओं के माध्यम से हिंदी की आधुनिक कविता को समझना/समझानालक्ष्य है। इस कोर्स को पढ़नेके बाद विद्यार्थियों को आधुनिक कविता की विविध काव्यधाराओं का अनुशीलन करवाते हुए उनमें विशिष्ट कवियों के योगदान और उन कवियों की विशिष्ट संवेदना, काव्य दृष्टि और अभिव्यक्तिकौशल से अवगत करवाया जा सकेगा।
.6	हिंदी गद्य साहित्य)DSC-1D)	HIND203	बी.ए. द्वितीय वर्ष	हिंदी साहित्य में गद्यका विकास प्रायः आधुनिक काल की ही देन है इस। कोर्स का उद्देश्य है विद्यार्थियों को गद्य की विविध विधाओं, कहानी - निबन्ध और उपन्यास से परिचित करवाना और पाठ्यक्रम में निर्धारित उपन्यास, कहानियों और निबंधोंका पाठगत अध्ययन करते हुए कलात्मक अनुभव से गुजरते हुए इन विधाओं, के माध्यम से जीवन को उसकी व्यापकता में सूक्ष्मता से समझने समझाने का/प्रयास तथा गद्य की इन विधाओं की समीक्षा की योग्यता का विकास।
.7	कार्यालयी हिंदी (SEC-1)	HIND204	बी.ए. द्वितीय वर्ष	इस कोर्स के अध्ययन के बाद विद्यार्थी— भाषाके रूप में हिंदी भाषा की स्वरूपगत विशिष्टता की पहचान करते हुए भाषा के विभिन्न रूपों की जानकारी प्राप्त कर पाएंगे तथा राजभाषा, राष्ट्रभाषा, जनभाषा, संचार की भाषा आदि के रूप में हिंदी की विकासयात्रा से भी विद्यार्थी अवगत हो पाएंगे। कार्यालय के स्तर पर भाषा के व्यावहारिक प्रयोग के लिए आवश्यक क्षमता तथा भाषाई कौशल का विकास और हिंदी भाषा के प्रयोग के लिए नवीनतम यांत्रिक उपकरणों के अनुप्रयोग के सम्बन्ध में जानकारी प्रदान करना भी इस कोर्स का लक्ष्य है।
.8	अनुवाद विज्ञान SEC)-(2	HIND206	बी.ए. द्वितीय वर्ष	इस कोर्स के अध्ययन के उपरांत विद्यार्थी— आधुनिक काल में अनुवाद की आवश्यकता को समझते हुए अनुवाद के विविध पहलुओं से अवगत हो पाएंगे। इस हेतु- अनुवाद के अभिप्राय को स्पष्ट करना अनुवाद के, स्वरूपगत भेदों की जानकारी, अनुवाद के विषयगत विविध प्रकारों यथा-कार्यालयी, साहित्यिक, विज्ञानपरक, विधिक, वाणिज्यिक आदि के बारे में सूक्ष्म और सविस्तार जानकारी देना। साहित्यिक अनुवाद के विभिन्न रूपों के सूक्ष्म अंतर को समझाना। अनुवाद के लिए तकनीकी शब्दावली के अनुवाद, मुहावरों/लोकोक्तियों के अनुवाद, आंचलिक शब्दावली के अनुवाद तथा भाषा के लाक्षणिक और व्यंजनापरक प्रयोगों के अनुवाद में आने वाली कठिनाइयों को समझाते हुए अनुवाद के लिए आवश्यक योग्यता के अर्जन के लिए कौशल का विकास। विश्वभाषाओं के प्रमुख कृतियों के हिंदी अनुवाद तथा हिंदी की प्रमुख कृतियों के विश्वभाषाओं में किए गए अनुवाद के सन्दर्भ में सम्यक जानकारी देना तथा अनुवाद के क्षेत्र में सक्रिय विभिन्न संस्थाओं के सन्दर्भ में जानकारी देते हुए अनुवाद के महत्त्व का प्रतिपादन।
.9	रंग आलेख एवं रंगमंच)SEC3-)	HIND301	बी.ए. तृतीय वर्ष	इस कोर्स के अध्ययन के उपरांत विद्यार्थी— नाटकविधा के प्रचलित प्रमुख प्रकारों की सविस्तार जानकारी प्राप्त कर

				<p>पाएंगे ।</p> <p>भारतीय नाट्यशास्त्र और नाट्यलेखन के इतिहास की जानकारी प्राप्त करते हुए विद्यार्थीनाटक की विविध प्रवृत्तियों सांस्कृतिक आदि, सामाजिक-से अवगत हो पाएंगे ।</p> <p>हिंदी के प्रमुख नाटकों और नाटककारों की जानकारी प्राप्त करते हुए रंगमंच के प्रमुख रूपों-शौकिया मंच ,व्यावसायिक मंच इत्यादि के बारे में जान पाएंगे तथाप्रसिद्ध रंगशालाओं और संस्थाओं की जानकारी भी प्राप्त कर पाएंगे ।</p> <p>नाटक के शिल्पपक्ष की विस्तृत जानकारी- प्राप्त करते हुए निर्देशन, अभिनय, रंगमंचीय भाषा और रंग आलेख प्रविधि की सूक्ष्म जानकारी प्राप्त करते हुए रंग समीक्षाकीबारीकियों को भी समझ पाएंगे ।</p>
.10	समाचार संकलन और लेखन SEC)-(4	HIND304	बी.ए. तृतीय वर्ष	<p>इस कोर्स को पढ़ने के बाद विद्यार्थी—</p> <p>समाचार की अवधारणा को समझते हुए संचार के बुनियादी तत्वों ,समाचार के स्रोतों ,समाचार की संग्रह पद्धति औरलेखन प्रक्रिया को भी समझ पाएंगे ।</p> <p>समाचारों के सामान्य वर्गीकरण ,संवाददाता की भूमिका ,अर्हता, व्यवहार संहिता को समझते हुए रिपोर्टिंग के विविध क्षेत्रों की जानकारी प्राप्त कर पाएंगे ।</p> <p>इलेक्ट्रॉनिक माध्यमों से प्राप्त समाचारों के पुनर्लेखन के सम्बन्ध में विस्तार से जान पाएंगे।</p> <p>समाचारों में शीर्षक केअर्थ और उसकी महत्ताको समझते हुए रिपोर्टिंग के गुणवैशिष्ट्य , और उसकी भाषा शैली-के बारे में जान पाएंगे ।</p>
.11	लोक साहित्य DSC)-1A(	HIND305	बी.ए. तृतीय .ए. वर्ष	<p>इस कोर्स के अध्ययन के बाद विद्यार्थी—</p> <p>लोक साहित्य की अवधारणा औरस्वरूप को समझते हुए ,लोक संस्कृति और लोकसाहित्य के अंतर्संबंध ,लोक साहित्य के अध्ययन की प्रक्रिया और लोक साहित्य के संकलन की समस्याओं की जानकारी प्राप्त करते हुए लोक साहित्य के विविध रूपों -लोकगीत ,लोकनाट्य, लोक कथा, लोकगाथा आदि के बारे में जान पाएंगे ।</p> <p>लोक गीत और लोकनाट्य के विविध प्रकारों की विस्तृत जानकारी प्राप्त कर पाएंगे ।</p> <p>लोक कथा केविविध रूपों की जानकारी प्राप्त करते हुए उसकी कथानक रूढ़ियों और अभिप्राय को समझते हुए लोकगाथा की परम्परा और उसकी सामान्य प्रवृत्तियों से अवगत हो सकेंगे ।</p> <p>हिमाचल प्रदेश में प्रचलित विविध लोकगाथाओं के मर्म को जान पाएंगे ।</p>
.12	छायावादोत्तरहिंदी कविता)DSE1-B(	HIND306	बी.ए. तृतीय वर्ष	<p>इस कोर्स को पढ़ने के बाद विद्यार्थी—</p> <p>रोमानी छायावादी कविता से आगे/स्वछंदतावादी/जब कवि व्यक्तिगत और सामाजिक यथार्थ को शब्दों में उकेर कर कविता को भौतिक जीवन के समीप लाकर अधिक ग्राह्य बनाने का प्रयास करते हैं ,उसदौर के प्रमुख कवियों अज्ञेय, मुक्तिबोध, नागार्जुन, शमशेर बहादुर सिंह, भवानीप्रसाद मिश्र, कुँवर नारायण सिंह, सर्वेश्वर दयाल सक्सेना और केदारनाथ के व्यक्तित्व और कृतित्व पर दृष्टिपात करते हुए उनकी चयनित कविताओं के माध्यम से छायावाद के बाद के उस युग कीसाहित्यिक संवेदना को</p>

				समझने और अनुभूत कर सकने की योग्यता प्राप्त कर पाएंगे ।
.13	आधुनिक भारतीय साहित्य)GE(1-	HIND307	बी.ए. तृतीय वर्ष	इस कोर्स को पढ़ने के बाद विद्यार्थी— स्वाधीनता संग्राम और भारतीय नवजागरण की अवधारणा से अवगत हो पाएंगे और यह भी जान पाएंगे किस्वाधीनता संग्राम और भारतीय नवजागरण का हिंदी और अन्य भाषाओं के साहित्य पर क्या प्रभाव पड़ा । महात्मा गाँधी और महर्षि अरविन्द के विचारों से अवगत हो पाएंगे और जान पाएंगे कि उनके विचारों ने भारतीय साहित्य को किस प्रकार प्रभावित किया । मार्क्सवाद और अस्तित्ववाद ने किस प्रकार भारतीय साहित्य को प्रभावित किया यह भी जान पाएंगे । यू' अन्नतमूर्ति के.आर.संस्कारउपन्यास ' का अध्ययन करते हुए विद्यार्थी भारतीय समाज में धर्म व जातिगत व्यवस्था के मर्म को कलात्मक रूप में समझते हुए वास्तविक मानवीय मूल्यों की पहचान कर पाएंगे । रवीन्द्रनाथ टैगोर की 'गीतांजलि' चयनित कविताओं के माध्यम से रवीन्द्रनाथ टैगोर केकाव्य के मर्म को जान पाएंगे। विजय तेंदुलकर के चर्चित नाटक घासीराम' कोतवालके ' माध्यम से सामंती व्यवस्था कीखामियों को समझते हुए मानवीय मूल्यों की सही पहचान करने में सक्षम हो पाएंगे ।
.14	सर्जनात्मक लेखन के विविध क्षेत्र)GE-2(	HIND308	बी.ए. तृतीय वर्ष	इसकोर्सको पढ़ने के बाद विद्यार्थी— सर्जनात्मक लेखन की मुख्य विधाओं यथा ,फीचर लेखन ,रिपोर्टाज - साक्षात्कार और स्तम्भ लेखन से जुड़े विविध पहलुओं को गहराई से समझ पाएंगे । सर्जनात्मक लेखन से सम्बद्ध दृश्य सामग्री- छायाचित्र, कार्टून , रेखाचित्र,ग्राफिक्स आदि से संबंधित लेखन के बारे में जान पाएंगे । सर्जनात्मक लेखन के विशेषज्ञता वाले विविध क्षेत्रों आर्थिक पत्रकारिता, खेल पत्रकारिता ,ग्रामीण और विकास पत्रकारिता, फोटो पत्रकारिता आदि की गहन जानकारी प्राप्त कर पाएंगे तथाबाज़ार, खेलकूद ,फिल्मऔर कला से संबंधित लेखन की समीक्षा के विविध पहलुओं को समझते हुए समीक्षा हेतु आवश्यक कौशल अथवा क्षमता अर्जित कर सकेंगे ।

B.A Economics (3 Years Programme)

Program outcome and Program specific outcomes offered by the Department :

PROGRAM OUTCOMES	PROGRAM SPECIFIC OUTCOMES
<ul style="list-style-type: none"> • To ensure sound knowledge of the subject as prescribed by the HP University • To guarantee consistent improvement in the performance of students as compared 	<ul style="list-style-type: none"> • After completing the graduation with economics the students have specific knowledge/skill and learning, viz. • PSO-1: To find out the optimum or best

<p>to theirs at the entry level and encourage them for further studies</p> <ul style="list-style-type: none"> • To instill skills like critical thinking, communication, initiative which potentially leads to long-term benefits such as higher rates of employment and educational fulfillment • understand the economics behaviour of the consumer and producer of the society. • understand the interdependence between the economics and other optional subject. • Serve the society by being good and responsible citizen. • serve the society by holding the charge as an officer in the govt. services. • Get the employment opportunities in the different fields skilled semi-skilled. • Adopt and apply socio- economic value from the different courses. • Apply the theoretical knowledge into behavioural terms in their lives. Po-8 : Acquire and apply the skills from the skill enforcement courses. 	<p>situation for the consumer and producer under different constrains.</p> <ul style="list-style-type: none"> • PSO-2: The student will be able to know about the different economic activities in the Indian Economy. • PSO-3: The students can be differentiating between economic and non- economic activities. • PSO-4: The students will be able to understand the difference between the Micro and Macro economies. • PSO-5: The student will understand the process of govt. Budget and different terminologies thereof. PSO-6: The student will able to carry out the economic survey of their village and localities. PSO-7: The student will able to go for higher education in the field economics. PSO-8: The advanced learners will be able to complete the graduation level competitive test of agricultural officer, Indian economic services (IES). PSO-9: The student will able to different economic problems, their causes and probable solution.
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BA Economics : Course Outcomes

CLASS	Paper	PAPER CODE	LEARNING OUTCOMES
BA 1st	Principles of microeconomic s-I	ECONA101	This course is designed to introduce the students to elementary concepts in microeconomics. The student should be able to use these concepts to understand the relevance of microeconomics to the real world. The student should be able to build on these concepts in the future to develop deeper understanding of the Economy.
	Principles of microeconomic s-II	ECONA102	The Course is designed to develop the student's understanding of basic tools of microeconomic analysis. It builds on the material covered in semester 1 and is designed The course is designed to provide sound understanding in microeconomic theory. Since students have been taught perfect competition, this course focuses on three aspects, which are the study of imperfect competition, general equilibrium and welfare economics.
BA 2nd	Principles of macroeconomic s-I	ECONA201	This course introduces the students to formal modelling of a macroeconomic theory with analytical tools. It focuses on goods market with fixed exchange rate, the money market, uncovered interest rate parity and the benefits and costs of fixed and flexible exchange rates.
	Principles of macroeconomic s-II	ECONA202	To know and calculate national income and different related concepts. The employment determination by classical and Keynesian money and banking.

	Economics of Rural Development) 10	ECONA204	The student can understand different factor of rural area, the specific economic problem and solution for these problems
	Demography (ECONA206)	ECONA206	The student can know and understand different concept of demography, theories of demography migration and role of population in economic growth.
BA 3rd	Indian Economy	ECONA301	To able to know the various features and characteristics of Indian economy and to know about the different consumer concept and consumer activities of Indian Economy
	Economic History of India	ECONA302	The student willwe able to understand the chronological evolution and development of different concept, and theories in economies.
	Economy of Himachal Pradesh	ECONA303	The student can understand section wise economies of Himachal Pradesh viz agriculture, industry, service and economic infrastructure of HP
	Development Economics	ECONA305	The student willwe able to distinguish among different concept of development, factors responsible for development or under development of an economy.
	International Economics	ECONA306	Students know about the international trade theory and international trade policy.
	Public finance	ECONA310	The student will we able to know about theories of public finance govt. budget and its components
	Money and Banking	ECONA311	The student will we able to know and understand money its function, banking system, central bank, marketing policy and financial market

M.A. Economics (2 Years Programme)

PROGRAM OUTCOMES & PROGRAM SPECIFIC OUTCOMES

PROGRAM OUTCOMES	PROGRAM SPECIFIC OUTCOMES
<p>The purview of Economics is widespread and it flanks almost every field related to human beings.</p> <ul style="list-style-type: none"> • The introduction, development and advancement of new subjects associated with economics and their analytical applications decipher many unknown behaviours of human beings. • By the introduction of the conditions of rationality in the areas of Consumption, Production and distribution, it tries to nurture rational thinking • The students of Economics can go for higher studies in the fields of Economics, Business Administration and Education after attaining post-graduation in economics. 	<ul style="list-style-type: none"> • To impart in depth knowledge to students about economic theory regarding utilization and allocation of resources including labour, natural resources and capital. • To develop students understanding about how market for goods and services function and how income is generated and distributed. • To give students in depth knowledge into special fields of choice like agricultural economics, industrial economics, financial market, development economics, international trade, urban economics econometrics, mathematical economics etc. • To make students familiar with economic theories and their relevance, econometrics, quantitative techniques and applied research in a wide variety of fields within economics. • Students would know how the economy is influenced by economic policy, technological

MA Economics : Course Outcomes

Class	Semester	Paper	Course Name	Course Outcome
MA	1 st	Course-I	Micro Economics	<ul style="list-style-type: none"> • Study of micro economics enables the students to have an understanding of CENTRAL IDEAS OF Economics, methodology of economics. • Students learn about consumer's equilibrium under cardinal and ordinal analysis. • It focuses on cost analysis and economies and diseconomies of scale. • • Analysis of consumer choice under uncertainty and asymmetric information is a part of Micro Economics
		Course II	International Economics	<ul style="list-style-type: none"> • International economics concerned with economic interaction of countries" and effects of international issues International Economics on the world economic activity. • Students know about the international trade theory and international trade policy. • • It also focuses on balance of payments.
		Course-III	Elementary Mathematical Economics	<ul style="list-style-type: none"> • Quantitative Methods enable students to qualify various economic indicators. • They get knowledge about mathematical terms like differentiation, matrices, maxima and minima. • • They learn about statistical terms like correlation, regression index numbers etc
	2nd	Course-IV	Macro Economics	<ul style="list-style-type: none"> • Students learn about different models by different economists for the determination of income and employment. • Students know about consumption and investment functions. • It focuses on supply of money. • • Different theories of demand for money are a part of it
		Course- V	Money & Banking	<ul style="list-style-type: none"> • It focuses on the various theories of term structure. • Students learn about the international financial regulatory bodies like IMF. • Students get enabled to understand the demand and supply of money.
		Course-VI	Basic Statistics	<ul style="list-style-type: none"> • Examine the characteristics of grouped and ungrouped data statistical data and apply measures of central tendency and dispersion • Assess the relationship between variables and how independent variable is associated with the dependent variable • Solve some business problems using discrete and continuous probability distributions • Employ different sampling methods for designing and selecting a sample from a

				<p>population using basic principles of sampling and estimation</p> <ul style="list-style-type: none"> Decide which inferential statistics tool can be applied in a real-life situation
3rd	Course-VII	Economics of Developmental Economics	<ul style="list-style-type: none"> Development economics involves the creation of theories and methods that aid in determination of policies and practices and can be implemented at domestic and international level. It focuses on methods of promoting economic development, economic growth, and structural change, investment criteria. Students learn about different theories and models of economic development and can become good policy makers of the future. It interrelates between population growth and economic development. Students get the knowledge about various MNC"s. 	
	Course-VII	History of Economic Thought	<ul style="list-style-type: none"> The study of Economic Thought helps to understand the origin of economics. It deals with the development of economic ideas. It focuses on the ideas of different thinking and theories from ancient world to the present day. It connects students with the ancient times. Students know about the heritage of economics. 	
	Course-IX	Agricultural Economics	<ul style="list-style-type: none"> It is concerned with the application of economic theory in optimizing the production It focuses on various agricultural transformation models. Students learn about various risk and uncertainties, instability and financial problems that a farmer has to face, and how he tackles these problems. Students learn about role of agriculture in economic development. It sets the inert-sector linkages of agriculture 	
	Course-X	Indian Economy	<ul style="list-style-type: none"> Students learn about the Indian Economy before British rule, during British rule and after it. Students learn about different problems like poverty, unemployment etc., which faces Indian economy. Students also learn how these problems can be removed. It also focuses on performance of Agriculture and Industry in the development of Indian Economy. It focuses on financial sector and working of various sectors. 	
	Course-X	Public Finance	<ul style="list-style-type: none"> Students learn about the Public Finance in the context of Indian Economy. It focuses on theories of Public expenditure and effects of taxation. 	
	Course-XII	Labour Economics	To able to understand the labour laws, policies and outcomes of developing economies.	

Programme and Course Outcome of B.A. Political Science

The B.A. Programme in Political Science aims to provide students with both a conceptual and a practical grasp of the discipline, and to encourage them to draw connections between Political Science and other social science disciplines by offering courses of an inter-disciplinary nature. The Core Courses offered by the programme are designed to equip the student with a robust foundation in Political Science.

Three types of courses are introduced in B.A. Political Science; Discipline Specific Core Courses, Skill-Enhancement Course and Generic Elective Courses. The Discipline Specific Cores are designed simultaneously around classically important areas of enquiry and newly emergent ones. The Skill-Enhancement Courses acquaint the student with the applied aspects of this fascinating discipline, allowing him or her to use the skills learnt to solve problems that arise in the real world. The Generic Elective Courses are designed to give students a detailed description of general political issues. The courses offered in this programme, taken together, equip the student to pursue higher studies, and also to make his or her way outside academics – whether in the governmental or non-governmental sector.

Programme Learning Outcomes for in B.A. (Programme) Political Science

The B.A. Programme in Political Science aims to provide students with both a conceptual and a practical grasp of the discipline, and to encourage them to draw connections between Political Science and other social science disciplines by offering courses of an inter-disciplinary nature. Students of the B.A. Programme in Political Science will have a comprehensive understanding of the fundamental concepts, theories and processes underlying this academic discipline, its different subfields (Political Theory, Comparative Politics, International Relations, Indian Political Thought, Western Political Thought, Public Administration and Indian Politics), and its linkages with other social science disciplines.

Students will be able to both choose and employ appropriate methods to conduct research, make political forecasts, and undertake political analysis of significant contemporary developments. Students will be able to leverage their knowledge and skills to craft solutions to problems they encounter in the real world, which will allow them to take up work both within the academy and outside – in administration, politics, policy making, diplomacy and the courts. They will be equipped with both the procedural and substantive knowledge to evolve into professionals engaged with a wide range of issues – human rights, environment, gender justice, law, foreign policy and global relations – and will be well-placed to take up employment in these fields and to pursue a diverse range of work in both the state and non-state sectors, in the country and abroad. Students will recognize and appreciate the importance of an education in Political Science, and the immense gamut of contexts in which such an education emerges as valuable and to which its lessons can be applied - academic, administrative, political, cultural, economic, legal and social.

Graduate Attributes in B.A. (Programme) Political Science

Some of the characteristic attributes of a graduate in the B.A. Programme in Political Science would be as follows:

- **Knowledge of the Discipline:** Foundational knowledge of Political Science and a thorough grasp of the theoretical and applied aspects of the discipline
- **Inter-disciplinary Sensibility:** Awareness of how training in Political Science helps illuminate aspects of other disciplines within the social sciences, and of the role and place of Political Science in inter-disciplinary research.
- **Critical Thinking:** Capacity to evaluate evidence, arguments, claims, and beliefs with independence and originality, and to assess practices, policies and theories unhindered by the influence of schools of thought considered trendy or fashionable.
- **Problem-solving:** Capacity to extrapolate from what one has learned and apply one's competencies to solve unfamiliar problems, and to apply one's learning to real-life situations.
- **Communication Skills:** Ability to express thoughts and ideas effectively in writing and orally, to communicate with others using appropriate media and to confidently share one's views and express oneself; the ability to listen carefully, and present complex information in a clear and concise manner to people from diverse backgrounds in diverse contexts.
- **Research-related Skills:** A sense of inquiry and a capacity for asking relevant and appropriate questions and for problematizing ; the ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, and analyse, interpret and draw conclusions from data ; the ability to plan, design, and execute research and investigations and concisely report the results thereof.
- **Cooperation/Team Work:** Ability to work effectively and respectfully with people from diverse backgrounds; capacity to cooperate with others and make a coordinated effort as part of a group, and work as a member of a team in the interests of a common cause.
- **Reflexive Thinking:** Critical sensibility to lived experiences, and an awareness of how one's position as a researcher/investigator shapes and impacts the knowledge one produces.
- **Information/Digital Literacy:** Capacity to use Information and Communications Technology (ICT) in a variety of learning situations; the ability to access, evaluate, and use a variety of information sources.
- **Multicultural Competence:** An awareness pertaining to the values and beliefs of multiple cultures; a global and cosmopolitan perspective, and a capacity to effectively engage in a multicultural society and interact respectfully with diverse communities and groups.
- **Ethical Awareness:** Capacity to identify ethical issues related to one's work, and commit not to resort to unethical behavior such as plagiarism, falsification of data, misrepresentation of facts, and the violation of intellectual property rights; capacity to appreciate the ethical nature of the current debates on the environment, development, social media, artificial intelligence, and so on; capacity to uphold truthfulness and integrity in all aspects of one's research and one's work.

Graduates in Political Science may pursue following career paths:

1. Academics
2. Bureaucracy
3. Social Work
4. Law
5. Journalism both print and visual
6. Management
7. Policy Making
8. Designing and Conducting surveys
9. Human Resource Development
10. Advocacy
11. Performing Arts
12. Research
13. Political representatives

Courses for B.A. (Programme) Political Science

B.A. 1st Year. (Discipline Specific Core Course)

Introduction to Political Theory DSC-1A- POLS 101

(POLS 101)

- Course Objective:

The course aims to introduce certain key aspects of conceptual analysis in political theory and the skills required to engage in debates surrounding the application of the concepts.

- Course Learning Outcomes:

After completing this course students will be able to:

- Understand the nature and relevance of political theory.
- Understand different concepts like liberty, equality, justice and rights.
- Reflect upon some of the important debates in political theory.

B.A. 1st Year. (Discipline Specific Core Course)

Indian Government and Politics DSC-1B- POLS 102

- Course Objective:

The course aims to give students a thorough understanding of the structures of Indian government and politics. It equips the students with the different perspectives on studying Indian politics and the state in India, the constitutional principles on which the institutions of the state are founded and function, the social

structures of power and salient features of the political process in India. It lays emphasis on understanding the inter-relationship between formal institutional structures, social movements, and political development to focus on the complex ways on which social and political power interact and have impact on political institutions and processes.

- Course Learning Outcomes:

On successful completion of the course, students would be able to:

- Demonstrate an understanding of the different viewpoints on Indian politics and the nature of Indian state.
- Show knowledge of the text of the Indian Constitution and an awareness of constitutional and legal rights.
- Understand the structure of society in India and how social inequalities have an impact on political institutions and processes.
- Show awareness of the party system in India and the development policies adopted by various governments so far.
- Understand how social movements are formed and how they impact the political processes.

B.A. 2nd Year . (Discipline Specific Core Course)

Comparative Government and Politics DSC-1C-POLS 201

- Course Objective:

The purpose of the course is to familiarise students with the nature and scope of the study of comparative politics. The course aims at examining politics in a historical framework while engaging with various themes of comparative analysis in developed and developing countries. The objectives of the course further remain to provide information and knowledge to students on constitutional development and the political economy of diverse countries such as Britain, USA, Canada and China.

- Course Learning Outcomes:

The paper will equip students with an in-depth understanding of nature, and scope of comparative politics. The course will enhance student's understanding of comparative analysis both in developed and developing countries. The course will enable students in understanding historical context of modern state, constitutional development and their political economy with specific references; such as capitalism as a case of reference to Britain, socialism with reference to China, colonialism and decolonization with reference to developing and under-developed countries. The course will develop analytical skills of students to discuss the contemporary debates on the changing nature of state in the context of globalisation.

B.A.2nd Year (Discipline Specific Core Course)

- Introduction to International Relations DSC-1D –POLS 202

- Course Objective:

This Course is designed to give students a sense of some important theoretical approaches to understand international relations; a history from 1945 onwards to the present; and an outline of the evolution of Indian foreign policy since independence and its possible future trajectory.

- Course Learning Outcomes:

- Students will learn about major theoretical approaches and the history of International Relations.
- The course will enhance student's understanding on the major political developments in international relations since 1945.
- The paper will develop in-depth knowledge on the emerging centers of power like European Union, China, Russia and Japan.
- Students will also learn about basic determinants of India's foreign policy and understand it in the context of India as an emerging power.

B.A. 2nd Year (Skill-Enhancement Course)

Legislative Support SEC-1-POLS 203

- Course Objective:

To acquaint the student with the legislative process in India at various levels, introduce them to the functions of peoples' representatives and provide elementary skills to be part of a legislative support team. Peoples' representatives need support for the multiple tasks they are supposed to undertake. The need to understand complex policy issues, draft new legislation, track and analyse ongoing bills, make speeches and floor statements, write articles and press releases, attend legislative meetings, conduct meetings with various stakeholders, monitor media and public developments, manage constituent relations and handle inter-office communications. All over the world, elected representatives have an office with specialised support team to carry out these tasks. With about 5000 MPs and MLAs, and more than 30 lakhs representatives at the Panchayati Raj level, there is a vast need for legislative support among representatives that needs to be addressed. This course will equip the students with basic skills for this task and expose them to real life legislative work. In the process of learning legislative support skills, students will also build and deepen their understanding of the Indian political process.

- Course Learning Outcomes:

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

- Demonstrate knowledge of the structure and the functions of legislating bodies in India.
- Demonstrate knowledge of the law making procedure in India.
- Acquire skills related to a close reading of legislative documents.

- Understand the relationship between the people and their elected representatives.
- Develop basic skills to become a part of a support team engaged at different levels of the law making function.

B.A. 2nd Year (Skill-Enhancement Course)

- Public Opinion and Survey Research SEC-2-POLS 204

- Course Objective:

This course will introduce the students to the debates, principles and practices of public opinion polls in the context of democracies, with special reference to India. It will familiarize the students with the principles and practice of survey research and conceptualizing and measuring public opinion using quantitative methods. The course will give special attention to developing basic skills pertaining to the collection, analysis and utilization of quantitative data.

- Course Learning Outcomes:

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

- Understand the importance of public opinion in a democracy and the role of survey research in comprehending the working of a democratic political system
- Learn about the methods used for conducting surveys and interpreting survey data
- Acquire basic skill sets related to understanding public opinion formation and conducting research through the use of sample data, framing a questionnaire, etc.
- Acquire basic skill sets related to measurement of public opinion such as data analysis using statistical methods.

B.A. 3rd Year (Discipline Specific Elective Course)

Themes in Comparative Political Theory DSE-1A- POLS 301(A) (OPTION 1)

- Course Objective:

This course aims to familiarise students with the need to recognize how conceptual resources in political theory draw from plural traditions. By chiefly exploring the Indian and Western traditions of political theory through some select themes, the overall objective of this course is to present before the students the value and distinctiveness of comparative political theory.

- Course Learning Outcomes:

After completing this course, the students will be able to:

- Understand how political theory draws from and is shaped by both western and Indian traditions.
- Appreciate the value and distinctiveness of comparative political theory.

Administration and Public Policy: Concepts and Theories DSE-1A- POLS 301(B) (OPTION 2)

- Course Objective:

The objective of the paper is to understand public administration as a discipline. Seminal work of some thinkers from the classical, neo-classical and contemporary tradition is introduced to understand the journey of the discipline through context, space and time. The course also explores some of the elements of development administration and theoretically engages with the public policy discourse. It unravels the relevance of policy making in public administration and process of policy formulation, implementation and evaluation.

- Course Learning Outcomes:

- The student will be able to understand an overview of the discipline and how it is different from private administration.
- The student will be introduced to the evolution of the discipline, its changing contours through a study of the different theories, ranging from the classical, neo-classical and contemporary theories.
- The student receives an insight into several dimensions of development administration.
- The student is exposed to perspectives on public policy processes, a major sub-discipline of public administration.

Democracy and Governance DSE-1B- POLS 302(A) (OPTION 1)

- Course Objective:

This course aims to explain the relationship between the institutional aspects of democracy, the constitutional framework within which they are expected to function, and the manner in which political economy and political development, and civil society and social movements have an impact on patterns of governance. It further aims to give students the conceptual tools to understand how democracy as a model of governance can be complimented by institution building.

- Course Learning Outcomes:

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

- Demonstrate knowledge of the constitutional structure of democracy in India.
- Demonstrate knowledge of the working of the democratic institutions of governance such as Parliament, Courts, etc.
- Show awareness of policy making process within democratic institutions.
- Show awareness of institutional practices of regulation, lobbying, etc.

Understanding Globalization DSE-1B- POLS 302(B) (OPTION 2)

- Course Objective:

The Purpose of this course is to give students a basic understanding of what is meant by the phenomenon of globalization, its source and forms. In addition, students will obtain a familiarity with both key global actors and certain urgent problems that requires solutions and global level.

- Course Learning Outcomes:

- The students will learn about meaning and significance of globalization in contemporary times.
- The course will enhance students' understanding on economic, political, technological and cultural dimensions of globalization.
- Understanding the role of global actors in the process of globalization will enhance students' knowledge on world actors like United Nations, World Trade Organization and G-77.
- Students will also learn about contemporary pressing issues like global warming, poverty & inequality and international terrorism.

B.A. 3rd Year. (Skill-Enhancement Course)

Democratic Awareness through Legal Literacy SEC-3- POLS 303

- Course Objective:

This course aims to acquaint student with the structure and manner of functioning of legal system in India.

- Course Learning Outcomes:

- Students will get awareness about the legal system and the institution associated to it – the courts, police, jails and the system of criminal administration.
- This course will give students a brief knowledge of the constitution and laws of India, an understanding of the formal and alternate dispute redressal (ADR) mechanisms that exists in India, public interest litigation.

Students will get working knowledge of how to affirm one's rights and be aware of one's duties within the legal framework, and the opportunities and challenges posed by the legal system for different sections of people

B.A. . 3rd Year.. (Skill-Enhancement Course)

Conflict and Peace Building SEC-4-POLS 304

- Course Objective:

This course is designed to help build an understanding of a variety of conflict situations among students in a way that they can relate to them through their lived experiences. It's an interdisciplinary course that draws its insights from various branches of social sciences and seeks to provide a lively learning environment for teaching and training students how to bring about political and social transformations at the local, national and international levels. The course encourages the use of new information technologies and innovative ways of understanding these issues by teaching students skills of managing and resolving conflicts and building peace through techniques such as role-play, simulations, street theatre, cinema and

music on the one hand and by undertaking field visits, interacting with different segments of the civil society including those affected by conflicts as well as diplomats, journalists and experts, on the other.

- Course Learning Outcomes:

- The course will enhance students' understanding on the meaning, nature and significance of peace, conflict management, conflict resolution and conflict transformation.
- The students will also learn the importance of resource sharing in the conflict zones.
- The paper will develop students' knowledge on ideological and socio-cultural dimensions of conflict at local, sub-national and international levels.
- Students will also learn about negotiation and mediation skill for conflict resolution through active listening, different tracks of diplomacy and Gandhian methods.

B.A. . 3rd Year.. (Generic Elective Course)

Society, Economy and Politics in Himachal Pradesh GE- I-POLS 305

- Course Objective:

This course gives a description of society, economy and politics of Himachal Pradesh to the students. The main objective of introducing this course is to aware students with society, economy and regional politics of Himachal Pradesh. This course helps the student in situating the socio-economic patterns and regional politics of Himachal Pradesh in the national domain.

- Course Learning Outcomes:

- Students will be able to know about the society, economy and politics of Himachal Pradesh.
- The course will acquaint students with the regional diversity of Himachal Pradesh.
- The course will help students in situating the Himachal Pradesh in the national domain.

B.A.. . 3rd Year. (Generic Elective Course)

Human Rights Gender and Environment GE-2- POLS 306

- Course Objective:

This course aims at enabling the students to understand the issues concerning the rights of citizens in general and the marginalized groups in particular, and assess the institutional and policy measures which have been taken in response to the demands of various movements. Conceptual dimensions, international trends and the Indian experience form the contents of the course.

- Course Learning Outcomes:

- The study of the course will equip the students with theoretical and conceptual understanding of caste, gender, ethnicity and class as distinct categories and their interconnections.
- The course will further analyse socio-economic and political problems of marginalised groups in society such as women, Dalits, minorities and adivasis and repercussions of globalisation on them.
- The paper will enhance understanding on the meaning of human rights, universalization of human rights and human rights institutions in India.

Programme/ Course Learning Outcome Department of History

Sr. No	Course Type	Course Name	Course code	Year	Course Outcome
1	DSC-I	History of India from the Earliest Times up to 300 CE	DSC-1A: HIST (A) 101	First	Students will acquire knowledge regarding the primitive life and cultural status of the people of ancient India. They can gather knowledge about the society, culture, religion and political history of ancient India. They will also acquire the knowledge of changing socio-cultural scenarios of India. As a history student will learn about the historiographical trends and interpretation of the historical sources of ancient India as well. They can acquire knowledge about the Vedic Period and the rise of Jainism and Buddhism culture in ancient times of India
2	DSC-II	History of India from C 300 to 1206	DSC-1B:HIST (A) 102	First	In this course students will learn and analyze about the transition from historic centuries to the early medieval. They'll be able to delineate changes in the realm of polity and culture; puranic religion; the growth of vernacular languages and newer forms of art and architecture. The main emphases will be on the society, economy and polity of Gupta, Chola, Pallava and Vardhan dynasties. Learner will also know about the early invasions of Muslims in India.
3	DSC-III	History of India from C 1206 up to 1707	DSC-1C:HIST (A) 203	Second	Students will be able to identify the major political developments in the History of India during the period between the twelfth and the seventeenth century. Learner will get to know the various

					developments during the Delhi Sulanate andd Mughal Empire. Outline the changes and continuities in the field of culture, especially with regard to art, architecture, bhakti movement and sufi movement. Delineate the development of trade and urban complexes during this period.
4	DSC-IV	History of India from C 1707 up to 1950	DSC-1D:HIST (A) 204	Sec ond	The students will be able to know the decline of Mughlas and trace the British Colonial expansion in the political contexts of eighteenth century India. They will learn about the changes in society, politics, religion and economy during this period. They'll also acquire knowledge about the freedom struggle. The contents of the syllabus are designed to cover core issues pertaining to vast canvass of nationalist history so that the student at the under graduate level is equipped to focus upon the core ideas of national movement in its contextuality. India's quest for independence and nation building are interwoven script of history, debated most widely at global level with various angles. Indeed, India's national movement has vast and divergent ideological base with inner contradictions.
5	SEC-I	Historical Tourism	SEC-1A:HIST (A)213	Sec ond	In this skill enhance course students will be able to Historical sites of India and the Various means and modes of tourism.
6	SEC-III	An Introduction to Archeology	SEC-2A:HIST (A) 215	Sec ond	Students will get to understand the different facets of Archaeology and their significance. They also understand about the legal and institutional frameworks for protection archaeological sites in India as the challenges facing it.
7	DSE-I	Modern and Contemporary Word History I : 1871-1919	DSE-1A:HIST (A) 305	Thir d	The students will be able to analyze the historical developments in Europe, between 1789-1919. As it focuses on the democratic & socialist foundations of modern Europe. They will be able to situate historical developments of socialist upsurge & the economic forces of the wars, other ideological shifts.
8	DSE-II	Modern and Contemporary Word History II : 1919-1992	DSE-1B:HIST (A) 307	Thir d	This course aims to provide an understanding of an era of shifting history from Euro centric to World. It discusses the turbulent times when totalitarianism rose as an alternative to democratic and liberal ideal and also the growing desire for peace through formation of organizations such as United nations.
9	SEC-V	Indian History and Culture	SEC-3:HIST (A) 317	Thir d	This course enables students to explore various aspects of cultural heritage and cultural diversity in historical perspective that discusses numerous cultural practices that have evolved over centuries. They will acquire knowledge of changing socio-cultural scenarios of India. As well as they can gather knowledge about the cultural heritage, cultural forms and cultural expressions performing arts, fairs and festivals..
10	SEC-VII	Introduction to Indian Art	SEC-4:HIST (A) 319	Thir d	Students will learn about the Indian art, from ancient to contemporary times, in order to understand and appreciate its diversity and its aesthetic richness. As well as students will equip

					with the ability to understand art as a medium of cultural expression.
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	Subject	Course Code	Outcome		
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11	GE-II	Socio-Religious Reform Movements in India (19 th and 20 th centuries)	GE-2:HIST(A)311	Third	This course will enable the students about the Socio-Religious Reform Movements in India took place during 19 th and 20 th centuries and their impact on the national movement.
12	GE-IV	History of Himachal Pradesh 1815-1972	GE-2:HIST(A)312	Third	Students will learn about the history of Himachal Pradesh between 1815-1972. Penetration of Britishers in the Hills and the administrative policies and developments of during the period. Learner will get to know the native resistance to Colonial rule and the post independence developments as well formation of Himachal Pradesh.

Programme/ Course Learning Outcome Department of Sociology,

BA 1 ST	Introduction to Sociology	SOCL-A101 (DSC -1A)	<ol style="list-style-type: none"> 1. To introduce the meaning, nature, concepts and significance of Sociology. 2. To define the scope and relationship of Sociology with other disciplines. 3. Students will be able to understand social facts and Society related concepts. 4. Students will be able to define and explain sociological Concepts like culture, institutions and associations, status, role, social changes and social groups.
	Society in India	SOCL – A 102 (DSC -2A)	<ol style="list-style-type: none"> 1. To get the understanding of traditional bases of Indian Society such as Ashram System, Varna System, Concept of Rebirth, Theory of Karma, Sanskaar, Joint Family System, Marriage, Kinship and Purusharth. 2. To understand the concept of Plural Society and linguistic diversity, racial, ethnic, religious, caste, art, demographic character of the society. 3. To showcase the tribal culture and understand the concept of tribal society (Nagas, Khasi, Santhal, Kinnauri, Gujjar, Pangwal etc.)
BA 2 nd	Sociological Theories	SOCL- A 201 (DSC -1C)	<ol style="list-style-type: none"> 1. To understand the sociological thoughts and theories of different thinkers like August Conte, Karl Marx, Max Weber, Emil Durkheim. 2. To get the basic idea of the origin, growth and development of Sociology given by August Conte. 3. To Understand the Law of Three Stages by August Conte. 4. To showcase the concept of Class and Class Struggle formulated by Karl Marx 5. To understand the concept of Power and Authority given by Max Weber. 6. To give the basic idea behind the theory of Religion (Meaning, Beliefs, Rituals etc.) and Social Solidarity.
	Methods of Sociological Enquiry.	SOCL – A 202 (DSC -2C)	<ol style="list-style-type: none"> 1. To understand the basics of Social Research (Meaning Type and Steps). 2. To showcase the methods of Sociological Research (Scientific Method, Case Study Method and Comparative Method). 3. To study the quantitative and Qualitative aspects of the Society. 4. Formation of Tools of Data Collection, Questionnaire and Public Survey based on the Sociological Research.
	Techniques of Social Research	SOCL – A203 (SEC-1)	<ol style="list-style-type: none"> 1. To Formulate and understand the concept of Research Design. 2. To understand the formulation of Hypothesis, Primary Data (Questionnaire, interviews, observations etc.) and Secondary data sources (Diaries, Letters, Life History and Available Records). 3. To understand the Meaning, concepts and types of Sampling methods and techniques (Probability and Non Probability Sampling Methods.) 4. To get the basic idea of Data and statistical Analysis showcasing the measures of Central Tendency e.g. Mean, Median, Mode etc.
	Sociology of Environment	SOCL-A 204 (SEC-2)	<ol style="list-style-type: none"> 1. Understanding the relationship between Environment and Sociology. 2. To focus on the need of understanding the Nature, Ecology and Ecosystems and their relationship and Impact on Society.

			<ol style="list-style-type: none"> 3. To understand the impacts of Urbanization, Industrialization, Environmental Degradation such as Depletion of natural resources, Deforestation and pollution of air, water and Soil 4. To understand the concept of Climate change and Global Warming and their impacts on The Environment and Society.
BA 3 rd	Social Demography	SOCL- A 301 (SEC – 3)	<ol style="list-style-type: none"> 1. Nature and development of Social Demography. 2. Scope and importance of Social Demography. 3. To understand the Fertility, mortality and migration status of Indian Society. 4. To showcase the economic Poverty and unemployment in the Indian Society with special reference to Housing and Slums of India.
	Theory and Practice of Development	SOCL- A 302 (SEC- 4)	<ol style="list-style-type: none"> 1. To understand the dimensions and characteristics of development. 2. To give the glimpse of recent trends on Human Development Theory and Global Inequalities in Development. 3. To get the basic idea of Post Development Theory showcasing Gender based Development (GAD), Public Private Partnership (PPP) etc. 4. To attract the attention of pupil on the primary concept, Strategies, Characteristics and importance of Sustainable development and optimum utilization of Natural Resources. 5. To understand the UN Earth Charter 1992.
	Marriage Family and Kinship	SOCL-A304 (DSE – 1A)	<ol style="list-style-type: none"> 1. To define the meaning, degree and types of Kinship. 2. To understand the marriage system of India meaning characteristics and various types including Polygamy, Monogamy, Polyandry, Exogamy and Endogamy. 3. To understand the basic marriage systems of different religions such as Hinduism, Islam, Sikhism, Christianity, Buddhism etc. 4. To showcase the various types of Family Systems and emerging trends in the family systems and marriage showcasing Nuclear Family, Live in Relationships etc.
	Social Stratification	SOCL – A 305 (DSE – 1B)	<ol style="list-style-type: none"> 1. Defining Social Stratification meaning, characteristics and basis of Social Stratification (Biological, Social, Economic and Political). 2. To know about the different types of Ethnicities and Races; their culture and traditions. 3. To understand the concept of Gender Inequality in present and past scenario. 4. TO understand the Social Stratification Criteria in Pre-Modern and Modern Societies. 5. To study the impacts of mobility from rural to urban, Horizontal and Vertical and its causes such as Education, Health, Occupation and fulfillment of Basic Needs.
	Polity and Society	SOCL- A 307 (Generic Elective -1)	<ol style="list-style-type: none"> 1. To know about the meaning, concept and relationship between Polity and Society. 2. Understanding the influence of political identity and its impacts on framing the Social Structure of the Economy. 3. To get the understanding of the political process by showcasing the role and power of Bureaucracy and Democracy on the Political Structure of the Indian

			<p>Society.</p> <p>4. To understand the role and influence of pressure and interest groups on Indian Polity with major emphasis on the role of Opposition in the Indian Democracy.</p>
	Economy and Society.	SOCL-A 308 (Generic Elective -2)	<ol style="list-style-type: none"> 1. To understand the relationship between Society and its Economic aspects. 2. To get the idea about the modes of production of Capitalist and Socialist Society, Asiatic and Ancient Society. 3. To know about the Globalization and its impacts on Society such as Cultural Exchange, Social Interactions, Changes in the status of Women in the Society. 4. To focus the attention on Contemporary issues such as Sustainable development and Global Trends. 5. To understand the role of Information and Communication Technology on the Society. 6. Need and Importance of Social Security in the contemporary Society focusing on Child and Women Welfare, Welfare of the Depressed Sections of the society etc.

Department of Public Administration

Programme Outcomes (BA with Public Administration)

Public Administration is a multi-disciplinary discipline and it provides various scope for the learner in various sectors after the completion of their degree.

Public Administration professionals are well equipped with skills to manage affairs at all levels of governments i.e. Central, State as well as Non-Profit Organisations (NGOs)

In the new emerging age of liberalization, privatisation and globalisation (LPG) and new liberal era, the administrative experts are in high demand all over the world. The students and graduates in the discipline of BA with Public Administration can pursue to the job in public sector as well as private sector. After completing the degree, the learners will have the wide range of job opportunities in govt sector and in private sector as well.

Serve as a civil servant in govt administration as a generalist based administrative/ executive head

Serve as Professor/ educationist teachers in varies level of govt/ private sector based professional and technical institution

Foreign correspondent in many agencies

Public Relation Officer in govt agencies

Labour relation Officer in Govt and Private Agencies

Lawyer/ Legal consultants in Govt and Private sector

Political/administrative analyst in Govt sector

Public policy education/ researches

City manager, urban planning officer

Budget analyst

Corporate Managers/ company Manager/ Chief Executive Officer

Executive Assistant/ consultant

Business Administration/ Marketing Managers

Human Resource Manger/ Planner/ Researchers

Event Coordinators

PROGRAMME SPECIFIC COURSES

In the current scenario, the public private partnership (PPP) model has become the vital part of new public administration and management. Today the public enterprises and private sector need administration experts and agents to organize and manage the overall functioning of any organisation and agency to meet the set objectives/ goals at their own. In recent times, these company and enterprises provide high paying administrative and management jobs.

WHY STUDY PUBLIC ADMINISTRATION PROGRAMMES?

While studying Public administrative programmes, the learners would be able complete following aspects and knock the doors of opportunities in different corners/ areas :

Develop the administrative and leadership skills

Develop the Managerial skills

Develop the communication skills and skill development

Promote career opportunities in Govt/private sectors

Develop customer skill

Develop data entry specialist skills

Serve as Executive Assistant

COURSES OUTCOMES

As per the new CBCS Annual System, the learner or graduate will complete their degrees/ programmes with 132 credits and will be granted degree as B.A. in Public Administration, with 44 credits in each year of programmes with each courses i.e. 132 credits in B.A. programme. The learners/ student will be able to find the career opportunities as per different courses outcomes. The Public Administration courses / programme focus on social responsibilities and civic engagement. These courses also thrust upon ethical behaviour, decision making and prepare the learners to confront the challenges facing our diverse communities. These programmes/courses emphasize on environmental protection, sustainable development, human resource management and new emerging concepts of E-governance and good governance to cope with the global competitive nations. The courses focus on the leadership styles, organisational build up, conflict management and knowledge of Automation (Computer Science and Technology)in the field of administrative decision making process in

administrative and management. After completion of these courses the learners would be able to explore this knowledge as:

PUBA101-A: Administrative Theory (6 credits)

The knowledge of basic concepts of administration

Significance of Public Administration in modern society

Organisational set up and principles of organisation

New public Administration/ new management/ centralisation/ decentralisation

PUBA-102 A: Indian administration (6 credits)

History and evolution of Indian administration

Indian Administration

Civil serves

Constitutional Administration

PUBA -201 A Administration Thinkers (6credits)

Contribution of administrative and management scholars

C W Taylor, Max Waber, Kautilya

Elton mayo, A. Maslow

Herzberg

PUBA -202A Development Administration (6credits)

Concept of development administration in India

Sustainable development

NITI Aayog/ State planning Board

Political Parties/ NGOs/SHGs

PUBA-203 A Computer Application and office management (4credits)

Knowledge of computer and importance of computer in Administration

Design/Operating System

Filing/ E mail

Cyber crime/ office work

PUBA-204 A Human Resource and logistics management (4 credits)

Concept of Human Resource Management

HRP: Human Resource Planning

Logistic Management

Finance Management

PUBA301 A Leadership Styles and conflict Management (4 credits)

Leadership/Function/Negotiations

Conflict Management

PUBA302 A Stress and Time Management (4 credits)

Concept of Stress and Time Management

Techniques and Methods

PUBA 303 A Local Govt in India (6 credits)

History of local Govt in India

Concept/ structure/ organization of local Govt

Finances of local bodies

PUBA 304 A Financial Administration (6 credits)

Concept of Public Finance and Financial Administration

Budget preparation/Execution

Tax Administration (GST)

Parliamentary Committee

PUBA 307 A Constitutional and Administrative aspects of Himachal Pradesh (GE-I) (6 credits)

History of Himachal Pradesh

Administrative set up of Himachal Pradesh

Local self Govt in Himachal Pradesh

74th Amendment Act

PUBA 309 A E-Governance (GE-2) (6 credits)

E- Governance, concepts, significance

Concept of good Governance

E- Governance in Himachal Pradesh

Challenges of E-Governance in Himachal Pradesh

Hence, these courses enable the students to explore this knowledge in different areas after completion and meet various careers opportunities in different sectors.

Department of Journalism & Mass Communication

Programme Outcome

POs	JMC Specific Outcomes
PO1	To make students aware of basic principles & theoretical aspects of communication.
PO2	To explain various theories behind the process of communication.
PO3	To apprise the students of the working of media organisations.
PO4	To inculcate journalistic values and encourage students to discuss and debate on various regional,national & international issues.
PO5	To impart basic training through practical on various media equipment .
PO6	To make students study & understand print ,electronic media,advertising & public relations.
PO7	To promote media research and make students aware about various career opportunities in media.

Department of Journalism & Mass Communication

Course learning outcomes

S.No.	Course Title	Course Code	Class	Co's	Course Outcome
1	Principles of Communication	BJMCPAC 101	B.A. 1 st Year	CO1	This course aims to steer a student towards understanding the role and importance of communication in society.
				CO2	The course also builds a theoretical background for understanding how communication works.
				CO3	A great aid for formation of a base for applied communication courses.
2	Introduction to Radio and TV	BJMCPAC 102	B.A. 1 st Year	CO1	This course aims to provide a basic understanding of the broadcast media to the students.
				CO2	The course contents will sensitize them towards television and radio media and their content.
				CO3	Use of broadcast media in community development.
3	Introduction to Advertising and Public Relations	BJMCPAC 201	B.A. 2 nd Year	CO1	This course will help students build a basic understanding about advertising and PR and their processes.
				CO2	The students will learn their importance and role in commerce, along with the ethical practices in the field.
4	New Media Communication	BJMCPAC 202	B.A. 2 nd Year	CO1	The course acquaints a student with conventional and the new media technologies, with a special focus on networking – central to the new media technologies.
				CO2	The course then introduces the student to the potential and pitfalls of this technology thus enabling them to engage with the technology meaningfully and efficiently.
5	Reporting, Editing and Feature Writing(SEC)	BJMCPAS 203P	B.A. 2 nd Year	CO1	The students will learn the basic arts of journalism: reporting, editing and feature writing.
				CO2	Basic skills and concepts of reporting, copy editing and feature writing dealt with in this course intend prepare a student for entry level positions in a newspaper organisation.
6	Skills for New Media(SEC)	BJMCPAS 204P	B.A. 2 nd Year	CO1	This course will prepare a student to write and publish content in the new

					media environment.
				CO2	The course components will progressively prepare a student to adapt content writing for the internet environment while also making them familiar with the potential and application of various web 2.0 tools.
7	Community and Traditional Media	BJMCPAD 301	B.A. 3 rd Year	CO1	In a scenario where the big corporations and cross-media ownerships control the flow of information and opinion, community media is seen as an alternative voice.
				CO2	This course introduces the student to the concept of 'community' in the globalised world and alternatives to the mainstream media.
				CO3	The course sensitizes the student to the potential of using community-based traditional, new and folk media.
8	Introduction to Photojournalism	BJMCPAD 302P	B.A. 3 rd Year	CO1	This course is targeted at developing the ability to conceptualise, capture and use photographs meaningfully. It builds a foundation for a future career in photography.
9	Communication Skills (SEC)	BJMCPAS 303P	B.A. 3 rd Year	CO1	This course aims to build leadership and interpersonal skills of students.
				CO2	The skills learnt in this course will help a student in professional and personal life besides adding to their skills as a mass communication practitioner.
10	Film Appreciation Skills(SEC)	BJMCPAS 304	B.A.3 rd Year	CO1	This course is intended to lay a foundation for critical analysis of the film.
				CO2	To teach students of communication film analysis for technique, art, style, and most importantly narrative of the film 'text'.
11	Media and Culture (GE)	BJMCPAG E301	B.A. 3 rd Year	CO1	The media is a powerful actor in social conditioning. It mirrors, transplants and perpetuates social norms and values.
				CO2	This course is designed to equip a student appreciate the politics of mass media culture industry by sensitizing her towards the dynamics of this power and its impact on cultures in the world.
12	Introduction to Visual Communication(GE)	BJMCPAG E302	B.A. 3 rd Year	CO1	To study the role of visual elements in media..

				CO2	Psychological aspects of communication
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Learning Outcome – B.A. Music Prog

PROGRAM OUTCOMES , PROGRAM SPECIFIC OUTCOMES, COURSE OUTCOMES

B.A Music Prog- Program Outcome	<ol style="list-style-type: none"> 1. To be able to develop performing skills for practical presentation of Hindustanimusic/ 2. To be able to secure employment as Music teacher at PGT & TGT level in the discipline. 3. To be able to work as Tutor of folk musicand also can develop entrepreneurship by establishing self owned institute. 4. The student will be able to develop performing skills enhancing career opportunities through social media like you tube.
Program Specific Outcome	<ol style="list-style-type: none"> 1.Students will be able to Perform the various practical as Various Gayan shellies. 2.being able to perform in Various taals. 3. being aware of the in depth knowledge of theoretical aspects of the discipline. 4.being able to learn the skill of self composition develop the creativity . 5. being able to develop fluency in playing music instrument.

Yearly Courses Outcomes of B.A. Music Prog

Year 1

Basic Principals of Indian Music and Biographies of Musicians „composers and Musicologists MUSA101TH)	<ol style="list-style-type: none"> 1. Acquire the knowledge of Basic technical terminology of the Indian classical mudic. 2. Acquire the knowledge of popular musical instruments used in Indian music. 3. To acquire the knowledge ofBiographies & Contributions of the followingTansen, Ustad Shahid Parvez, Ustad Zakir Husain, Ustad Amir Khan.
Stage Performance(MUSA102PR)	<ol style="list-style-type: none"> 1. The student will be able to achieve dexterity of the voice. 2. Student will be able to learnt the grammatical and practical aspects of prescribed ragas in taals. 3. Student will be able to perform Sargam geet , lakshan geet and Drut Kahyal in Prescribed Ragas. 4. Student will be able to develop playing technique of Harmonium .
Theory of Indian Music (General) & Biographies of Musicians, Composers & Musicologists.(MUSA102PR)	<ol style="list-style-type: none"> 1. Acquire the knowledge of Basic technical terminology of the Indian classical mudic. 2. Acquire the knowledge of Raga description prescribed Ragas. 3. To acquire the knowledge of Biographies & Contributions of the followingPt, Jaidev, Ustad Abdul Karim Khan, Pt. Bhatkhande, Pt. Ravi Shankar
Viva voce (MUSA104PR)	<ol style="list-style-type: none"> 1. The student will be able to perform Swarmalika in Raga. 2. Student will be able to demonstrate Rhekas of prescribed taals

	<p>on Hand beats .</p> <p>3. Student will be able to perform Drut Kahyal in Prescribed Ragas.</p> <p>4. Student will be able to develop playing technique of Sargam geet Harmonium.</p>
Year 2	
Theory of Indian Music, Ancient Granthas& Contribution of musicologists (MUSA201TH)	<p>1.Acquire the knowledge of Concepts of Indian genres Music .</p> <p>2.Acquire the knowledge of ancient Granths of Indian Music like Natya shastra, Brihdeshi and Sangeet Ratanakar.</p> <p>3.To be aware of Biographies of Pt. V. D. Paluskar, Swami Tyagraja, Pt.Sharangdev</p> <p>4.Being aware of concept of Shastriya sangeet and Sugam Sangeet .</p> <p>5. Being Aware of the description of ragas.</p>
Stage performance (MUSA202PR)	<p>1. Student will be able to perform one vilambit Khayal in any of prescribed ragas.</p> <p>2. Student will be able to sing Drut khayal in prescribed Ragas .</p> <p>3. Student will be able to play Bhajan on Harmonium.</p> <p>4. Student will be able to demonstrate taals on Hand beats with Basic laykaries.</p>
Theory of Indian Music, Medieval Granthas& Contribution of Musicians & Musicologists.) (MUSAw03TH)	<p>1.Acquire the knowledge of Concepts of Hindustani Music .</p> <p>2.Acquire the knowledge of Medivial Granths of Hindustani Music likeSangeet Paarijaat, Chaturdandi Prakashika and Swarmela Kalanidhi .</p> <p>To be aware of Biographies of VidushiKishoriAmonkar, Pt.Nikhil Banerjee, UstadVilayat Khan</p> <p>aware of concept of Samay sidhant in detail.</p>
Viva voce (MUSA204PR)	<p>1. Student will be able to perform one vilambit Khayal/ Gat in any of prescribed ragas.</p> <p>2. Student will be able to sing Drut khayal play Razkhani Gat in prescribed Ragas .</p> <p>3. Student will be able to play National Anthem on Harmonium/Sitar .</p> <p>4. Student will be able to demonstrate taals on Hand beats with Basic laykaries.</p> <p>5. Student will be able to perform Dhrupad-Dhammaar /Drut Gat other teentaal</p>
Presentation and Documentation – 1(MUSA205PR)	<p>1. Student will be able to aware and tune their respective instruments viz. Tanpura / Sitar/</p> <p>2. Student will be able to write a report on musical material on visit to places of Musical importance.</p> <p>3. Student will be able to present other genres of music like Tribal , Folk , Film etc.</p>
Presentation and Documentation -2 (MUSA206PR)sd	<p>1.Student will be able to play prescribed Taals on Tabla .</p> <p>2. Student will be able to write reviews of the Performances observes on the visit to classical music festivals.</p> <p>3.Student will be able to operate Sound system,</p>
Year 3	
AIR and other musical places of musical importance.f	<p>1. Student will learn the technique of presentation of contemporary Indian classical music</p> <p>2. Student will be skilled in Playing Harmonium</p> <p>3. Student will be skilled in Playing Tabla</p> <p>4. Student will have the exposure of AIR and other Music places</p>
Presentation and Documentation -	<p>1.Student will be able to give Power Point Presentation on</p>

4(MUSA302PR)	<p>Biography and contribution of .Musician</p> <p>2.Student will be able to write report on visit to musical places .</p> <p>3.student will be able to compose patriotic song.</p>
Theory of Indian Music and study ancient granthas a Rāgas.(MUSA303TH)	<ol style="list-style-type: none"> 1. Acquire the knowledge of modern trends of Music 2. Acquire the knowledge of biographies and contributions of Pt. Bhim Sen Joshi b. LataMangeshkar 3. Acquire the skills of writing essays on Music 4. Acquire the knowledge of Music of Himachal Pradesh. 5. Acquire the knowledge of the description of prescribed Ragas in Taals.
Practical (MUSA304PR)	<ol style="list-style-type: none"> 1.Student will be able to present Vilambit khyal/Masitkhani Ghat 2. Student will be able to present Dhnut Khyal/Razakhani Ghat in prescribed ragas 3. Student will be able to present Dhnutpad –Dhmmaar/Razakhani Ghat in other than Teen taal 4. Student will be able to present prescribed Taala with layakaries on hand beats 5. Student will be able to understand Music through guided listening sessions
Theory of Indian Music and Ghrarana tradition (MUSA305TH)	<ol style="list-style-type: none"> 1.Acquire the knowledge of ancient concepts of Hindustani Music 2. Acquire the knowledge of percussion Instruments of Indian Music 3. Acquire the knowledge of Ghrarana System 4. Acquire the knowledge of forms of Music 5. Acquire the knowledge of aesthetics in Indian Music
Practical (MUSA306PR)	<ol style="list-style-type: none"> 1. Student will be able to present Vilambit khyal/Masitkhani Ghat 2. Student will be able to present Dhnut Khyal/Razakhani Ghat in prescribed ragas 3. Student will be able to present Dhnutpad –Dhmmaar/Razakhani Ghat in other than Teen taal 4. Student will be able to present prescribed Taala with layakaries on hand beats 5. Student will be able to understand Music through guided listening sessions 6.Student will be able to present Bhajan /Shabad with Harmonium 7. Student will be able to learn film songs based on Ragas

Generic Elective – learning outcomes	
Theory of Indian Music and Folk Music of Himachal Pradesh (MUSA307TH)	<ol style="list-style-type: none"> 1. Acquire the Knowledge of Folk songs of Himachal Pradesh 2. Acquire the Knowledge of Folk instruments of Himachal Pradesh 3. Acquire the Knowledge of Folk musicians

	<p>of Himachal Pradesh</p> <ol style="list-style-type: none"> 4. Acquire the Knowledge of prescribed ragas and talas 5. Learn the important concepts of Indian Music
Practical (MUSA308PR)	<ol style="list-style-type: none"> 1. Student will be able to learn the basic techniques vocal and instrumental 2. Student will be able to sing/play five alankaras 3. Student will be able to present Drut Khyal/Razakhani Ghat 4. Student will have the exposure to Music with guided listening sessions 5. Student will be able to sing/play aroh-avroh and pakad in prescribed Ragas 6. Student will learn about the prescribed Ragas

Programme Outcomes of Painting Department

Programme Outcomes

The subject of painting would produce professional artists in the field of portraiture, landscaping, logo designing, tattoo making, creative competition. The graduate would get basic knowledge about all the mediums used in the different kinds of art and this programme will help them to become a freelance artists, art teachers in the govt/private schools, logo designers, book cover designers, tattoo makers etc.

On completion of BA in Painting, the students are able to:

1. Serve as an artist in the fields of landscaping, portraiture and creative competition etc.
2. Serve as an art teacher in the govt/private schools and that too without any additional diploma etc.
3. Work as a commercial artist.

Programme Specific Outcomes

PSO-1 : Develop proficiency in sketching

PSO-2 : Impart an understanding of the colour combination in terms of various composition

PSO-3 : Develop an understanding regarding the proportions of different objects

PSO-4 : Prepare for the display of art work in various platforms

PSO-5 : Apply demands of art and principals of composition in creating their original art works.

PSO-2 : Develop proficiency in preparing the support for all kind of arts, i.e. canvas stretching and sizing of the same; wall preparation for an art work etc.

Course Outcome

After completion of these courses, students should be able to:

PAIN 101 TH Brief History of Indian Art

CO-1 : Know the various mediums/tools used by our old masters to create their art works.

CO-2 : Analyse the quality of art works done by the great old artists despite limited sources.

PAIN 102 PR Study of basic anatomy

CO-1 : Draw the basic human parts in perfect proportions so that they can apply human figures in their own compositions

CO-2 : Know the exact formation of eyes, nose, ear, legs, hands, torso etc. With all their colour combinations and textures of the same

CO-3 : Distort the human figure according to the need of their art work.

PAIN 201 TH Meaning, scope and fundamentals of art

CO-1 : Understand the importance of principles of composition and elements of art

CO-2 : Apply the elements of art theory in creating their original work.

CO-3 : Create their original art work by applying the principles of composition

PAIN 203 PR Study of Landscape

CO-1 : Paint a landscape in various mediums i.e. water colour, acrylic colour, oil colour etc. From the photo reference and direct from the nature

CO-2 : Select the perfect area to be painted keeping in view perspective and depth of the scene

CO-3 : Draw trees, mountains, rivers, clouds in the sky, animals, birds and human brings to give a feel of life in the nature

CO-4 : Create the illusion of three – dimensionality on to the two dimensional surface

PAIN 204 TH Material and Methods

CO-1 : Know the use of various art tools

CO-2 : Know the latest trends in the art field

CO-3 : Use all the different mediums prevalent in the market

PAIN 301 PR Portrait Study

CO-1 : Make a portrait of a person from photo reference and from the live model in any medium and that too on canvas, wall or on paper etc

CO-2 : Catch the character of the model

PAIN 302 TH Study of Western Artists

CO-1 : Understand the delicacy of colour execution in their art work

CO-2 : Evaluate the quality of human study done by the great western artists

CO-3 : Respect the passion/dedication of the old great artists

CO-4 : Take inspiration from their lives

PAIN 305 PR Composition

CO-1 : Paint their own composition

CO-2 : Create their original art works and that too with 2-3 human figures in various mediums on canvas and paper

CO-3 : Apply the principles of composition in creating their original art works

CO-4 : Distort all the motifs and figures to make a creative painting by applying different textures according to the themes

CO-5 : Catch the soul of the theme in order to insert life to the canvas

Deptt of Psychology

Objectives and Outcomes

Class – BA-I

BAPSYC 101 : Foundations of Psychology

Objectives: Unit-I

1. To understand nature of Psychology
2. To understand various fields where Psychology is applied
3. To know about the methods of studying Psychology or behavior

Unit-II

1. To be familiar with the concept of Perception
2. To know about various laws of Perception
3. To understand the concept of Learning
4. To study various types of conditioning which help in learning

Unit-III

1. To be familiar with the concept of Motivation
2. To study various types of Motives
3. To study the nature and types of human Emotions

Unit-IV

1. To study the nature of Personality
2. To know about the determinants of Personality
3. To understand the concept of Intelligence
4. To study the determinants of Intelligence

Outcomes: After the completion of course, following outcomes were obtained:

1. The students became familiar with historical perspective and nature of Psychology along with methods of its study
2. Various cognitive processes e.g. Perception and Learning were understood by pupil.
3. Concept of Motivation and Emotions were understood by students
4. Concept of Personality and Intelligence were imbibed by the students

BAPSYC 102 : Introduction to Social Psychology

Objectives: Unit-I

1. To understand concept and scope of Social Psychology
2. To study methods of Social Psychology

Unit-II

1. To study Individual Level Processes e.g. Person Perception, its nature and determinants

Unit-III

1. To study interpersonal processes specially interpersonal attraction along with its determinants.

Unit-IV

1. To understand the group dynamics
2. To study social influence such as conformity and obedience

Outcomes:

1. The students understood the concept and scope of social psychology along with methods of study in social psychology
2. The pupil understood the nature and concept of person perception and attitude formation
3. The concept of interpersonal attraction was imbibed by the pupil
4. Various group dynamics e.g. conformity and obedience were understood by the pupil.

Class: BA-II BAPSYC 203 : Psychopathology

Unit-I

1. To understand basic concept of abnormal behavior
2. To differentiate between normal and abnormal

Unit-II

To study various models of Psychopathology e.g. Behavioural and Psychoanalytic model

Unit-III

1. To understand concept of anxiety disorders
2. To study OCD and mood disorders in detail
3. To study schizophrenia and its few types

Unit-IV

1. To study various treatments of psychological disorders
2. To study biological, psycho analytic and behavior therapy

BAPSYC 204 : Statistical Methods

Unit-I

1. To understand and calculate measures of central tendency e.g. mean, mode, median

Unit-II

To learn to compute standard deviation

Unit-III

1. To understand the concept of correlation and its types
2. To learn to compute correlation

Unit-IV

To learn about qualitative methods e.g. Interview, observation and case study

Outcomes (203):

1. The students understood the concept of abnormal behaviour
2. Various models of abnormal behavior were studied and understood by students which help in comprehending the causal factor
3. Students understood the concept of OCD, mood disorders and schizophrenia which enabled them to grasp the essence of psychopathology.
4. The important concepts and aspects of Psycho therapy were grasped by the students enabling them to help understand the application of studying Psychopathology.

Outcomes (204):

The students were enabled to compute:

1. Mean, Mode, Median
2. Standard Deviation
3. Correlation
4. To know various qualitative methods

BAPSYC 205: Sociopathic Disorders (SEC-I)

Objectives: Unit-I

1. To understand nature of anti social personality
2. To learn about the concept of clinical picture and causal factors of anti social personality

Unit-II

To know the causal factors of criminal behavior

Unit-III

To understand juvenile delinquency and its causal factors

Unit-IV

To learn about the socio psychological interventions for anti social personality

- Outcomes:**
1. The course enabled students to understand the concept of anti social personality
 2. To understand criminal behavior
 3. The understanding of juvenile behavior was developed among students.

BAPSYC 206: Psychology of Collective Behaviour (SEC-II)

Objectives: Unit-I

1. To educate pupil about concept of crowd and audience
2. To understand the types of crowd and audience behavior
3. To understand pro-social behavior
4. To understand the concept of propaganda, its types and importance

- Outcomes:**
1. The students understood the concept and types of collective behavior

2. Pupil learnt about the types of crowd and audience
3. Pupil understood pro-social behavior and its determinants
4. The types and importance of propaganda were understood by students.

Class : BA-III Experimental Psychology (BAPSYC 309)

Objectives: Unit-I

1. To teach students about various types of sensation
2. To know about structure and function of ear and eye

Unit-II

1. To make students about various perceptual processes
2. To learn about laws of perception

Unit-III

1. To learn about depth perception
2. To know about monocular and binocular CWS

Unit-IV

1. To teach pupil regarding nature and concept of attention
2. To learn about determinants of attention

- Outcomes:**
1. The students could understand the concept of sensation, structure and function of ear and eye.
 3. The perceptual process along with various laws were understood and applied by students
 4. The concept of depth perception was imbibed by the pupil and the role of mono and binocular were understood by them.
 5. Nature, types and determinants of attention was understood by pupil in order to be applied in day to day life.

Stress Management (BAPSYC 310)

Objectives: Unit-I

1. To learn about nature and types of stress
2. To learn about various causal factors of stress

Unit-II

1. To teach students about stress and physical health relationship
2. Physiological consequences of stress were taught

Unit-III

1. To teach students about sources of stress
2. To educate students about the concept of frustration and conflict

Unit-IV

Stress management techniques were taught so as to enable pupil to help themselves and others

- Outcomes:**
1. The students learnt about nature, causes and types of stress
 2. The relationship between stress and physical health was understood to be applied in their life.
 3. The concept of frustration and conflict was understood by the students helping them in their lives.
 4. Stress management techniques were understood and learnt by the students benefiting them in their personal and social life.

BAPSYC 307 : Health of well being (SEC-III)

Objectives: Unit-I

1. To introduce the concept of health psychology
2. To teach regarding components of health
3. To learn about the goals of health psychology

Unit-II

To learn about the components of well being and life satisfaction

Unit-III

1. To study the concept of stress
2. To study consequences of stress
3. To know about coping with stress

Unit-IV

1. To educate pupil about health enhancing behavior
2. To study resistance, hope, safety, nutrition and optimism

- Outcomes:**
1. Students were enabled to understand the concept, components and goal of health psychology
 2. Students learnt about well being and its components
 3. The consequences, causes and coping of stress were understood by pupil
 4. The students understood various health enhancing behaviours which would help them in their personal life too.

BAPSYC 308 : Psychology of Personality (SEC-IV)

Objectives: Unit-I

1. To teach students about nature and concept of personality
2. To make students learn about bio-psycho-socio cultural aspects of personality

Unit-II

To teach students about various approaches to personality

Unit-III

1. To make the students understand the assessment of personality

- To know about objective and projective tests

Unit-IV

To understand the elements of psycho-dynamic model

Outcomes:

- The students understood the nature and determinants of personality
- The approaches to psychology were understood to deeply comprehend the concept of personality
- The students became familiar regarding the measurement of personality through various methods
- Various elements of psycho-dynamic models were understood by the pupil enabling them to take a sneak peek into human psyche.

Department of Geography Course Learning Outcomes

Sr. No	Course Title	Course Code	Class	Co's	Course Outcome
1	Physical Geography	GEOGP1 01CC	BA I	Co 1	To impart knowledge about various aspects of Physical Geography such as solar system, origin of the earth, theory of plate tectonic, fluvial cycle of erosion structure & composition of Atmosphere and Hydrosphere.
2	General Cartography	GEOGP1 02CC	BA I	Co 1 Co 2	To make students aware of basic concepts of Cartography. To impart basic training through practical on Scales, Map projections and representation of Statistical and Climatic data.
3	Human Geography	GEOGP2 01CC	BA II	Co 1 Co 2	To make students aware of different aspects of Population. To make students acquainted with various aspects of Human Settlements and Space & Society.
4	Environmental Geography	GEOGP2 02CC	BA II	Co 1 Co 2	To impart knowledge about various aspects of Environment through Geographical perspectives. To make students understanding about changing Human Environment relationship. To make students aware of various sensitive issues of Environment.
SKILL ENHANCEMENT COURSES					
5	Regional Planning and Development	GEOGP2 03SEC	BA II	Co 1	To clarify basic concepts of Regional Planning and Regionalization. Modal for regional planning and Regional Development initiatives taken in our country.
6	Remote Sensing & GPS	GEOGP2 04SEC	BAII	Co 1	To make aware of students about basics concepts of Remote Sensing, Aerial Photography and Satellite Remote Sensing.
7	Geographic Information System	GEOGP3 01SEC	BA III	Co 1	To make students acquainted with different aspects of Geographic Information System.
8	Field Techniques and Survey based	GEOGP3 02SEC	BA III	Co 1	To explain importance of Field Survey in Geography.

	Project Report			Co 2	To motivate students to conduct a field visit to an area and prepare a survey based Project Report so that they can understand actual landscapes with their own senses.
DISCIPLINE SPECIFIC ELECTIVE COURSES					
9	Geography of India	GEOGP3 03-1DSE	BA III	Co 1	To impart knowledge about Physical Setting, Cultural Environment and Resource Base of our country.
10	Disaster Management	GEOGP3 04-1DSE	BA III	Co 1 Co 2	To explain basic concepts of Disaster Management by understanding Hazards, Risk, Vulnerability and Disaster and its impact on human life. To prepare the students to develop different strategies for mitigation to Disasters as per geographical conditions of the area.
GENERIC ELECTIVE COURSES					
11	Disaster Risk Reduction	GEOGP3 05-GE1	BA III	Co 1 Co2	To make aware of the students about causes and impact of disasters in our country. To make acquainted with mitigation and preparedness programmes designed by our country to combat disaster.
12	Sustainability and Development	GEOGP3 06GE2	BA III		To understand the various core themes of sustainable development. Focus on developmental activities which are continuously harming our natural resources and environment. So that resources can be saved for future generation in same qualities/condition as we are using these resources at present.

Programme Outcome

POs	Geography specific outcomes
1	To make students aware of basic concepts and theories associated with the origin of earth and various landform features of First, Second, Third order and various aspects of Land, Atmosphere and Hydrosphere.
2	To explain internal structure of the earth, theories of plate tectonic and geomorphologic cycle of landforms.
3	To make students understand the structure and composition of Atmosphere and Hydrosphere.
4	Practical work and field work are the foundation of geography. So to impart basic training through practical on scales, map projections and representation of data through various cartographic techniques.
5	To make students acquainted with various aspects of human settlements and space and society.
6	To make students aware of various sensitive issues of Environment.
7	To impart basic training of Remote sensing & GPS and Geographic Information system through Geo-spatial technologies.
8	To motivate students for field research in Geography and select career in the discipline and its allied fields.

Department of Tourism and Travel Management

Introduction-:

Tourism is one of the fastest growing industries in the world. Most of the major economies of the world are dependent on Tourism and Allied Sectors for their growth and development. Tourism is also one of the most important and reliable sectors for employment generation all throughout the world. The importance of Tourism lies in the fact that different courses on tourism has been introduced in various educational institutions in India. One of such courses is Tourism and Travel Management (TTM) introduced in Under Graduate Course Curriculum. TTM as a subject is having major emphasis on getting theoretical knowledge of the subject along with field practicals followed by the Reports, essential for the proper understanding and overall development of the learners. One of the major outcomes of the course is to properly understand the whole concept and phenomenon of tourism and to prepare the students to face the challenges of the industry in the contemporary world.

Class	Course	Course Code	Outcome
BA 1 ST Year	Introduction of Travel and Tourism Management	TTMC101 (DSC-1 A)	<ol style="list-style-type: none"> 1. The most important outcome is the introduction of Travel and Tourism among the learners and to get the knowledge and understanding of the overall phenomena of Travel and Tourism, by defining, understanding meaning, concept and historical developments and introducing various types and forms of Tourism. 2. To understand the meaning and typologies of Tourist, definitions and meaning of Traveller, Excursionist, Visitor and Transient. As the tourism is highly seasonal activity so it is very essential to understand the concept of Demand and Supply in Tourism and the factors affecting the same. 3. One of the major outcomes is getting proper understanding of Tourism Product as product is essential part of any industry. The emphasis is on defining various features of Tourism Product, its characteristics and its different types and also showcasing the major differences between tourism products and other products. 4. Nature, Tourism and Geography has a great influence on each other. So it is very essential for the learners to understand the relationship among Nature, Tourism and geographical surroundings by getting knowledge of the Natural Tourism Resources of India including the Great Mountain Ranges of India along with understanding the geographical features of India. To get the idea of major tourism destinations of the world by understanding the lines of Latitude and Longitude, Various IATA country and city codes of the world and focusing on the practical aspect of the subject by practicing the world map.
BA 1 ST Year	Tourism Resources of India	TTMC102 (DSC-1B)	<ol style="list-style-type: none"> 1. Besides understanding the idea behind the product, it is very important to know about the resources from which the products are attained. To understand

			<p>tourism resource the focus of the course is laid upon knowing the wildlife Tourism in India including The Biosphere Reserves, The National Parks, and Wildlife Sanctuaries of India. The emphasis is also laid on Desert Tourism including Desert Triangle of India.</p> <ol style="list-style-type: none"> 2. Religion plays a very important role in framing life and culture of the people of India. Religion also has a major influence on Tourism of India. So it is very essential to develop understanding of the major religious circuits of India including the Very Famous Char Dham Yatra of India along with Chhota Char Dham of Uttarakhand. 3. India has a vast and very rich cultural heritage. In order to get a glimpse of Great heritage of India the course showcases the study of UNESCO World Heritage Sites of India. Besides it also provides a better understanding of the major Fairs and Festivals of India and develops the sense of understanding the richness and diversity of Great Indian Heritage. 4. The Course also develop the taste of understanding various Cuisines of India which again have influences from different regions of India and the world. There is also a focus on practical aspect by practicing cuisine map of India
BA 2 ND Year	Travel Agency and Tour Operation	TTMC201 (DSC- 1C)	<ol style="list-style-type: none"> 1. The Travel Agency Business is one of the Professional and Profitable Businesses of the Contemporary World. So there is a great emphasis of the course on defining and understanding the Travel Agency meaning, functions and Types. The Course also gives an idea of the leading Travel Agencies and Tour Operators of India. 2. The learner is able to understand and define the concept of Tour Operator, its various types and the major point of differences between Tour Operator and Travel Agency. 3. One of the most important functions performed by Travel Agency is to prepare a Travel Itinerary. The primary focus is on understanding the itinerary and defining its types. The most important outcome studying the itinerary is to prepare an itinerary by oneself and also to perform costing of the same. 4. The course also showcases the linkages of Travel Agency with various other sectors of the country.
BA 2 ND Year	Tourism Marketing	TTMC202 (SEC-1)	<ol style="list-style-type: none"> 1. The major emphasis is laid on the understanding the concept of Product, Production, Marketing and Selling along with understanding the various principles of marketing. 2. The understanding of the Concept of Marketing Mix as a combination of 7 Ps has a great emphasis in getting the basic idea behind Marketing. The learner also develops a sense of getting in touch with Marketing Information System. 3. The course helps to understand the concept of Promotion Mix in Tourism Marketing and also getting to know how important is communication and leadership skills in Marketing. 4. The course defines the role of Tourism associations in promotion of Tourism with special reference to the efforts of Govt. of India and Himachal Tourism.

			5. The course also develops the sense of understanding as to how important is the role of Marketing in Expansion of Indian Tourism Industry.
BA 2 ND Year	Tourism Organizations and Associations	TTMC204 (DSC-1D)	<ol style="list-style-type: none"> 1. Understanding of various Tourism Organizations and Associations of India and the World. Special emphasis is paid on the role of Ministry of Tourism Govt. of India in developing tourism business and infrastructure in India. 2. Major focus is laid to understand the role of ITDC (India Tourism Development Corporation) and HPTDC (Himachal Pradesh Tourism Development Corporation) and their respective role and functions in developing Tourism in the Country and the State. 3. To get the knowledge of the IATA airport and city codes of Asian region and to understand the role of PATA, SAARC and MICE Tourism in Asian Region. 4. The focus is to understand the role of mountaineering institutes in development of Adventure Tourism business in India covering major Mountaineering Institutes of India such as ABVIMAS, NIM, HMI and IMF.
BA 2 ND Year	Field Tour	TTMC 205 (SEC-2)	In order to give the practical exposure of the subject to the students an Educational Tour/Field Tour not less than 10 days is organized for the students for better understanding of Tourism and Allied Sectors. The major outcome of the course is to gain knowledge and understanding and experience the practical aspects of the study for which a presentation and report to be submitted.
BA 3 RD Year	Tourism Guiding/Escort Services	TTMC 301 (DSE -1A)	<ol style="list-style-type: none"> 1. Guiding and Escorting is an essential part of a Travel and Tourism Industry. There is always a great demand of Professional Guide and Escorts by the Tourists and Travellers. So in order to get professional a proper knowledge of understanding the roles, skills and responsibilities of Guides and Escorts and registration process of the same has been inherited in the course curriculum. 2. There is a great scope of adventure and allied activities in Tourism. Specialization in adventure activities can lead to great success in Adventure tourism business. The course has laid a great emphasis on learning and understanding of various adventure types. 3. While studying the international tourism the most important aspect is the study of documentation important for travelling such as Passport and VISA. The course emphasizes on the study of Various passports and its types and different types of VISA along with Travel Insurance Covers.
BA 3 RD Year	Transport Service in Tourism	TTMC303 (SEC – 3)	<ol style="list-style-type: none"> 1. Tourism without transport is not possible so it is very essential to study the transportation sector while studying Tourism. The course introduces the Transportation industry to the learners and defines the modes of transportation in detail (Air, Water and Surface Transportation). 2. The purpose is to get the better understanding of -: Air transport including role of Air Transport in developing Tourism, Air Carriers (Scheduled and Non-Scheduled Services), Private Air Carriers, LCC and its

			<p>benefits and also the process of bookings and cancellations of Airline Seat.</p> <p>-: Water Transport including River,Lake, Oceans, Sea and Star Cruises.</p> <p>-: Surface Transportation primarily focusing on the options available to the clients like Car, Coach, Bus, Rent a Car Scheme, Indrail and Eurail Pass.</p> <p>The Special Emphasis is also laid on Railways of India as India has one if the largest rail networks in the world having a great influence on Tourism and Travel Sectors. The course Describes the Luxury Trains of India, Online railway bookingsthrough railway website. It also develops awareness on the Mountain Trains of India.</p>
BA 3 RD Year	Tourism Impacts	TTMC 305 (Generic Elective - 1)	<ol style="list-style-type: none"> 1. In the Generic Elective course for pupils of different disciplines of study, the course generates a sense of awareness about the impacts of Tourism on Society its Culture, Economy and Most importantly on the Environment. 2. The major emphasis of the study is to understand the Positive and Negative impacts of tourism. 3. After studying the course, one is able to clearly define and understand how to reduce the negative impacts and to increase the positive impacts of tourism for achieving the sustainable development of society its culture, economy and environment. 4. The course also develops understanding of some major concepts influencing Tourism Impacts e.g. Case study of Shimla, Dharamshala and Manali, Carrying Capacity meaning and its types, Pro Poor Tourism, Role of Community Participation on enhancing positive Tourism Impacts and reducing negative Impacts and most importantly it also develops the understanding of the major challenges of 21st century related to environment focusing on Climate Change and Global Warming.
BA 3 RD Year	Leadership Development Program	TTMC 306 (DSE- 2A)	<ol style="list-style-type: none"> 1. The students will be required to go on a Leadership Development camp/Program for not more than one week to any adventure-based destination of the country. The main purpose of the course is to develop and inculcate among pupils the qualities of a good learning by performing different adventure activities like Camping, Trekking, Rock Climbing, Rappelling, River Crossing etc. The program is followed by Presentation and Report Submission. The major outcome of the course is to develop a sense of understanding, sharing, team building, building confidence, discipline, enhancing positive behavioral changes among the students to prepare them to face, cope and overcome the challenges of the society and be the leaders of the new world.
BA 3 RD Year	Hotel and Resort Management	TTMC 308 (SEC-4)	<ol style="list-style-type: none"> 1. Besides Transportation sector, Accommodation sector is also one of the basic elements of Tourism Product. Therefore it is very essential to study the accommodation sector to get the better understanding of Tourism.

			<p>The course develops the basic understanding of accommodation sector by describing history and types of accommodation.</p> <ol style="list-style-type: none"> 2. The course showcases the difference between Hotel, Motel, and Resort along with Classification and Categorization of Hotels in India. 3. The major emphasis is laid on understanding the essential services of an international hotel along with roles and functions performed by the various departments of the hotel i.e., Front Office, House Keeping, Food and Beverage, Marketing and Sales departments of Hotels. 4. The study of different departments is also followed by the case study of Major Hotels operating in India and abroad. (Welcome Heritage and Taj Group of Hotels etc.)
BA 3 RD Year	Project Work	TTMC 310 (Generic Elective - 2)	<p>There will be a project showcasing:- Culture/Heritage/Adventure/ Cuisine/Pilgrimage of Himachal Pradesh/India followed by Presentation and Report Submission.</p> <p>The main objective of the course is to create awareness about the vast and rich cultural heritage of India and to get the better understanding of report writing and presenting the same.</p>

BA COMPUTER APPLICATION

PROGRAMME OUTCOMES

This program could provide well-trained professionals for the technology and allied industries to meet the well-trained manpower requirements. The graduates will get hands on experience in various aspects of information technology viz. software updation, programme developers, software testing and web designer. The program will help the graduates to take up responsibilities in production, testing and designing in the information technologies and contribute for the growth of industry.

On completion of the BA COMPUTER APPLICATION students are able to:

1. Serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.
2. To Give Technical Support for the various systems.
3. Work as the Support Engineers and the Technical Writers
4. Work as Consultant and Management officers for system management.
5. Work as IT Sales and Marketing person.
6. Work as DTP Operator in small-scale industries.
7. Serve as the Web Designers with latest web development technologies.

PROGRAMME SPECIFIC OUTCOMES

PSO1 Apply fundamental principles and methods of Computer Science to a wide range of applications.

PSO2. Design, correctly implement and document solutions to significant computational problems.

PSO3 Impart an understanding of the basics of our discipline.

PSO4. Prepare for continued professional development.

PSO5. Develop proficiency in the practice of computing.

COURSE OUTCOMES

After completion of these courses, students should be able to:

COMP101TH (Problem Solving using computer)

- CO1. Explain about the basic concepts of program development, algorithms and flowcharts.
- CO2. Explain the various way to solve the problem using computer.
- CO3. Discuss about the various types of computers on the basis of gen.
- CO4. Explain the working of computer through block diagram.

COMP102TH (Office Automation Tools) & Lab

- CO1. Explain about the concepts of MS Office and Libre Office
- CO2. Explain the features and working options of MS Word, PPT and Excel with practical. After completion of these courses, students should be able to:

COMP201TH (Computer System Architecture)

- CO1. Explain the logic gates Boolean algebra, K-Map
- CO2. Explain about the basic of data representation and basic computer arithmetic.
- CO3. Explain about the basic internal organization of computer like instruction set, register and its types, logical micro operation.
- CO4. Explain about the working of various I/O devices and their interface.

COMP202TH (Database Management System)

- CO1. Explain the concept and importance of database.
- CO2. Explain about the basic of different data models.
- CO3. Explain about the basic concept of relation created in data base, relational algebra
- CO4. Explain about the working of various I/O devices and their interface.

COMP203TH (PHP Programming)

- CO1. After successful completion of this course, students will be able to: CO1. Write PHP scripts to handle HTML forms.
- CO2. Analyze and solve various database tasks using the PHP language.
- CO3. Analyze and solve common Web application tasks by writing PHP programs.
- CO4. Write regular expressions including operators.

COMP204 COMPUTER NETWORKS

- CO1. Understand the basic networking concepts and its types
- CO2. Analyse OSI and TCP/IP models of computer networking and use that in practical applications.
- CO3. Apply different multiplexing techniques in networking applications

COMP301: Operating Systems

CO1. Explain the main components of an OS & their functions

CO 2. Explain the process management and scheduling.

CO3. Explain the concepts and implementation Memory management policies and virtual memory.

CO4. Explain the working of an OS as a resource manager, file system manager, process manager, memory manager and I/O manager and methods used to implement the different parts of OS.

COMP 302 DATA STRUCTURES AND FILE PROCESSING

CO1. Understand the basic concepts of data structure and how it works.

CO2. Analyze different garbage collection techniques used in systems

CO3. Understand the working of secondary storage devices

CO4. Evaluate the efficiency of different file organization techniques.

COMP 307 SOFTWARE ENGINEERING

CO1. Understand software process model and its types.

CO2. Apply the software process models in the designing of software.

CO3. Analyze different cost estimation techniques used in software estimation

CO4. Understand the concepts of software configuration management.

COMP 304 MULTIMEDIA AND ITS APPLICATIONS

CO1. Understand the concepts of Multimedia and its applications

CO2. Applying the concepts of font, text and and hypermedia in designing a multimedia application

CO3. Understanding the concepts of sound , audio and video.

CO4 . Applying these concepts in practical applications of multimedia

CO5. Creating multimedia applications using animation techniques.

Department of Commerce
Course Objectives of Bachelor of Commerce

Class	Course Title	Course Code	Course Objective
B. Com 1 st Year	Financial Accounting	BC 1.1	CO 1. To help students to acquire conceptual knowledge of financial accounting
			CO 2. To impart skills for recording various kind of business transactions
			CO 3. Carryout course related activity that will provide and exposure to the current business practices.
B. Com 1 st Year	Business Organisation & Management	BC 1.2	CO 1. Provide basic knowledge to students about organisation and management of a business enterprise.
			CO 2. Provide knowledge about various leadership styles and motivational techniques.
			CO 3. Impart Knowledge about various functional areas of management.
B. Com 1 st Year	Business Law	BC 1.3	CO 1. Impart basic knowledge of important business legislations with relevant case study.
			CO 2. Make aware about salient features of various mercantile laws.
			CO 3 Make applicability of various laws in different kinds of business organisations clear to students.
B. Com 1 st Year	Business Statistics & Mathematics	BC 1.4	CO 1. Familiarise students with application of statistical techniques.
			CO 2. Aware about mathematical techniques in business.
			CO 3. Impart knowledge about use of mathematical & statistical techniques in business decision making.
B. Com 2 nd Year	Company Law	BC 2.1	CO 1. To impart knowledge of various provisions of Companies Act 2013.
			CO 2. Case studies of issues involving in companies act are required to be discussed.
			CO 3. To understand various provisions regarding formation, functioning and winding up of company.
B. Com	Income Tax Law &Pracice	BC 2.2	CO 1. To provide basic knowledge and equip

2 nd Year			students with application of provisions of Income Tax Act 1961.
			CO 2. To make aware about Relevant Rules of Income Tax Act 1961.
			CO 3. Live Projects for providing exposure to current tax practices and return preparations.
B. Com 2 nd Year	Computer Applications in Business	BC 2.3	CO 1. To provide computer skills and knowledge to students.
			CO 2. To enhance the student understanding for usefulness of information technology tools for business operations.
			CO 3. Creating business documents, presentations & spreadsheets for business organisations.
B. Com 2 nd Year	Corporate Accounting	BC 2.4	CO 1. To enable students to acquire the basic knowledge of corporate accounting.
			CO 2. To learn the techniques of preparing the corporate financial statements.
			CO 3. Practical implementation of provisions of Companies Act regarding financial statements and preparation of accounts.
B. Com 2 nd Year	Cost Accounting	BC 2.5	CO 1. Make aware about basic concepts used in Cost Accounting.
			CO 2. To acquaint the students of various methods involved in cost ascertainment and cost accounting book keeping.
			CO 3. To provide knowledge about various methods of costing.
B. Com 2 nd Year	E- Commerce	BC 2.6	CO 1. To enable students to become familiar with the mechanism for conducting business transactions through electronic means.
			CO 2. To make aware about cyber security and IT Act 2000.
			CO 3. Providing practical training for website designing and e-business management.
B. Com 3 rd Year	Principles of Marketing	BC 3.1 (b)	CO 1. To acquaint students with basic knowledge of principles and concepts of Marketing.
			CO 2. To give knowledge of tools and techniques of

			marketing.
			CO 3. Make aware about recent developments in marketing.
B. Com 3 rd Year	Corporate Governance & Secretarial Practice	BC 3.1 (c)	CO 1. To provide knowledge of Corporate Governance, Business Ethics & Corporate social responsibility principles.
			CO 2. To make aware about principles, procedures and techniques of corporate governance with current legal requirements.
			CO 3. To give overall knowledge of principles, procedures and techniques of Auditing.
B. Com 3 rd Year	Fundamentals of Financial Management	BC 3.2 (a)	CO 1. To familiarise with principles and practices of financial management.
			CO 2. To learn about various financial decisions viz. investment, financing, dividend & working capital.
			CO 3. To learn various theories of decision making.
B. Com 3 rd Year	Entrepreneurship	BC 3.3	CO 1. To orient the students towards entrepreneurship as a career option.
			CO 2. To develop creative thinking and behaviour among students as entrepreneur.
			CO 3. To equip the knowledge of MSME sector.
B. Com 3 rd Year	Principles of Micro Economics	BC 3.4	CO 1. To expose students to basic principles in Microeconomic theory.
			CO 2. Illustrate these principles with their applications.
			CO 3. Aware about various market conditions and pricing under them.
B. Com 3 rd Year	Management Accounting	BC 3.5 (c)	CO 1. To impart students, knowledge about the use of financial, cost and other data for managerial purposes.
			CO 2. To learn the process of managerial planning, control and decision making.
			CO 3. To impart the knowledge of standard costing.
B. Com 3 rd Year	Office Management & Secretarial Practice	BC 3.6 (b)	CO 1. To familiarise the students with the activities in a modern office.

			CO 2. To know about working environment and the tools and equipment used in office.
			CO 3. To understand role of secretary in smooth functioning of any organisation.
B. Com 3 rd Year	Personal Selling & Salesmanship	BC 3.7	CO 1. To familiarise the students with fundamentals of personal selling and selling process.
			CO 2. Make them able to understand selling as a career and a successful salesman.
			CO 3. To understand the tools and techniques of personal selling and salesmanship.
B. Com 3 rd Year	Indian Economy	BC 3.8	CO 1. To make understand students the major economic problems and their solution in India.
			CO 2. To provide an understanding of modern tools of macroeconomics analysis.
			CO 3. To understand the policy framework in India.

Programme objectives of Bachelor of Commerce

Programme Outcomes	Commerce Oriented
PO 1	To make aware students regarding Economy & Industry
PO 2	Specific relevance of courses regarding Trade & Commerce
PO 3	The commerce and finance focused curriculum offers a number of specialisation and practical exposure which would equip the students to face the modern day challenges in commerce and business.
PO 4	To make aware about the changing taxation laws and various mercantile laws from employment perspective.
PO 5	Course offers a number of Value based & Job oriented outlook to make students from employment purpose in Banking & Industrial Sector.

Programme Outcomes	Management Oriented
PO 1	To make students aware about Management & Administration.
PO 2	To develop the managerial skills among the Students
PO 3	Courses offers students to learn about new modern techniques about planning and control.
PO 4	To inculcate the leadership and communication skills.
PO 5	Various courses strengthen the students for choosing their future professional/ academic courses in higher studies as well as employment opportunities in

B.A. in Physical Education

PROGRAMME OUTCOMES AND COURSE OUTCOMES

PROGRAMME OUTCOMES

Physical Education student is one who has mastered the necessary movement skills to participate confidently in many different forms of physical activity; one who values physical fitness and understands that both are related to health and well-being. The vision is for all students to be physically educated and have fun while moving. Students who choose to actively participate in quality physical education programs receive a variety of benefits, including the development of: A variety of motor skills and abilities related to lifetime leisure activities. Understand the importance of maintaining a healthy lifestyle. Improved knowledge of rules and strategies of particular games and sports. Self-confidence and self-worth as they relate to physical education recreation programs.

On completion of the BA in Physical Education, students are able to:

Develop competency in many physical movement activities. Students will understand how and why they move in a variety of situations and use this information to enhance their own skills. Students will achieve and maintain a health-enhancing level of physical fitness. Students will exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge, self-expression, entrepreneurship and jobs. Students will demonstrate responsible personal behavior while participating in different sports activities. Students will learn social behavior while participating in sports activities. Students will understand the importance of respect for others. Students will understand the relationship between history, culture and games. These courses offer a comprehensive, standards-based program as the curriculum is designed to meet the following state standards for Physical Education: Demonstrate knowledge and competency of movement patterns and strategies needed to perform a variety of physical activities. Achieve a level of physical fitness for health and performance while demonstrating knowledge of fitness concepts, principles, and strategies. Demonstrate knowledge of psychological and sociological concepts, principles, and strategies as they apply to learning and performance of physical activity. Develop skill proficiency. Besides above mentioned programme outcomes there are other most possible outcomes which are: Students will be able to compare the sports development since the ancient times. Understand the historical aspects of Sports and Games. After successful completion of the programme student will be able to organize sports competition in a better way. Will be able to relate and analyze sports movement in a biomechanical way which in other sense enhance sports performance. Students will be highly efficient in handling sports injury for providing first-aid to the needy person. Student can organize sports training camps and other camps like recreational camp etc. successfully. Will improve upon the officiating skill of different games. Will learn and develop teaching methods and teaching skills. Students will gain the knowledge about the balanced diet and nutrition.

COURSE SPECIFIC OUTCOMES

S n	Course Code with Title	Course Outcomes
1	Discipline Specific Course-1A (DSC-1A) Introduction to Physical Education PED101TH	Students will gain the knowledge of the historical aspects of Physical Education and Sports which will help in comparison of the recent development in the field of Physical Education.
2	Discipline Specific Course-1A (Practical) {DSC-1A(PR)} Athletics and Game-1 PED101PR	<p>Athletics is known as the mother of all Games and Students will learn about the</p> <p>1. Athletics</p> <p>i) Event (Shot put and Long jump):</p> <p>(a) Introduction of event and brief history. (b) Basic skills and techniques. (c) IAAF rules and regulations. (d) Equipment required for the event. (e) No. of officials required and duties of officials. (f) Techniques of the event. (g) Teaching stages of the event. (h) Preparation and filling of score sheet. (i) Marking of the shot put/long jump field.</p> <p>2. Game</p> <p>ii) Badminton/Weightlifting: (Any one)</p> <p>(a) History of the game. (b) Measurement and preparation of the playfield. (c) Equipment required for the game. (d) Fundamental skills and lead-up games. (e) Techniques, strategies and system of play. (f) Rules and regulations of the game. (g) National and International tournaments associated with the game. (h) Team/Individual records (World, Olympic, Asian and National Level) of the game. (i) Awards associated with the game. (j) Knowledge of score sheets. (k) Signals of officiating</p>
3	Discipline Specific Course-1B (DSC-1B) Olympic Movement and Organisation of Tournaments PED102TH	Students will learn about the Olympic Movement and basis on this they can organize sports event at state and national level.
4	Discipline Specific Course –1B (Practical) {DSC-1B(PR)} Athletics and Game-2 PED102PR	<p>This course will help students to know about the:</p> <p>1. Athletics</p> <p>i) Event (Sprints):</p> <p>(a) Introduction of event and brief history. (b) Basic skills and techniques. (c) IAAF rules and regulations. (d) Equipment required for the event. (e) No. of officials required and duties of officials. (f) Techniques of the event. (g) Teaching stages of the event. (h) Preparation and filling of score sheet. (i) Marking of the track.</p> <p>2. Game</p> <p>ii) Basketball/Table Tennis: (Any one)</p> <p>(a) History of the game. (b) Measurement and preparation of the playfield. (c) Equipment required for the game.</p>

		<p>(d) Fundamental skills and lead-up games.</p> <p>(e) Techniques, strategies and system of play.</p> <p>(f) Rules and regulations of the game.</p> <p>(g) National and International tournaments associated with the game.</p> <p>(h) Team/Individual records (World, Olympic, Asian and National Level) of the game.</p> <p>(i) Awards associated with the game.</p> <p>(j) Knowledge of score sheets.</p> <p>(k) Signals of officiating.</p>
6	Discipline Specific Course-1C (DSC-1C) Human Anatomy and Physiology PED201TH	Students will learn about the anatomy and physiology of human structure. Which will help them to study sportsperson and their response to the training.
7	Discipline Specific Course-1C (Practical) {DSC-1C(PR)} Athletics and Game-3 PED201PR	<p>1. Athletics</p> <p>i) Event (High jump and Javelin):</p> <p>(a) Introduction of event and brief history.</p> <p>(b) Basic skills and techniques.</p> <p>(c) IAAF rules and regulations.</p> <p>(d) Equipment required for the event.</p> <p>(e) No. of officials required and duties of officials.</p> <p>(f) Techniques of the event.</p> <p>(g) Teaching stages of the event.</p> <p>(h) Preparation and filling of score sheet.</p> <p>(i) Marking of the shot high jump/javelin field.</p> <p>2. Game</p> <p>ii) Handball/Boxing: (Any one)</p> <p>(a) History of the game.</p> <p>(b) Measurement and preparation of the playfield/arena.</p> <p>(c) Equipment required for the game.</p> <p>(d) Fundamental skills and lead-up games.</p> <p>(e) Techniques, strategies and system of play.</p> <p>(f) Rules and regulations of the game.</p> <p>(g) National and International tournaments associated with the game.</p> <p>(h) Team/Individual records (World, Olympic, Asian and National Level) of the game.</p> <p>(i) Awards associated with the game.</p> <p>(j) Knowledge of score sheets.</p> <p>(k) Signals of officiating.</p>
8	Discipline Specific Course-1D (DSC-1D) Sports Psychology PED202TH	This course will help in understanding the behavior of sportsperson and its effect of sports performance. This will also increase their tenacity.
9	Discipline Specific Course -1D (Practical) {DSC-1D(PR)} Athletics and Game-4 PED202PR	<p>1. Athletics</p> <p>i) Event (Discus throw and Triple jump):</p> <p>(a) Introduction of event and brief history.</p> <p>(b) Basic skills and techniques.</p> <p>(c) IAAF rules and regulations.</p> <p>(d) Equipment required for the event.</p> <p>(e) No. of officials required and duties of officials.</p> <p>(f) Techniques of the event.</p> <p>(g) Teaching stages of the event.</p>

		<p>(h) Preparation and filling of score sheet. (i) Marking of the discus throw/triple jump field.</p> <p>2. Game ii) Hockey/Judo: (Any one) (a) History of the game. (b) Measurement and preparation of the playfield/arena. (c) Equipment required for the game. (d) Fundamental skills and lead-up games. (e) Techniques, strategies and system of play. (f) Rules and regulations of the game. (g) National and International tournaments associated with the game. (h) Team/Individual records (World, Olympic, Asian and National Level) of the game. (i) Awards associated with the game. (j) Knowledge of score sheets. (k) Signals of officiating.</p>
10	Skill Enhancement Course-1 (SEC-1) Sports Medicine, Physiotherapy and Rehabilitation PED203TH	This course will help in understanding the pros and cons of the usage of the medicine and know about the adverse effect of the doping. Besides students will learn about the different injuries, their cause, treatment and precaution for early rehabilitation of the injury.
11	Skill Enhancement Course-2 (SEC-2) Sports Training PED204TH	Students will learn about the basic principles of sports training and the planning and preparation of the training schedule. They will also learn about the talent identification process and hoe to impart training to the beginners and to elite level athletes.
12	Skill Enhancement Course-3 (Practical) {SEC-3(PR)} a) Specialization in Volleyball PED 301PR b) Specialization in Football PED 302 PR c) Specialization in Kabaddi PED 303 PR	<ol style="list-style-type: none"> 1. History of game, measurement and preparation of the play field and equipment required for game. 2. Fundamental skills and lead-up games. 3. Techniques, strategies and method of play. 4. Rules and regulations of the game. 5. National and International tournaments associated with the game. 6. Team/Individual records (World, Olympic, Asian and National Level) of the game. 7. Awards associated with the game. 8. Duties of the officials. 9. Technical Equipment for officiating. 10. Knowledge of the score sheets. 11. Signals of officiating. <ol style="list-style-type: none"> 1. General and specific warming-up and cooling down. 2. Long-term and short-term preparation for the decisive volleyball competitions. 3. Psychological qualities and preparation of a volleyball player.

		<p>4. Offensive, defense system in play, service and reception pattern. 5. Individual, group and team tactics. 6. Diet and nutrition for a volleyball player. 7. Coordination among the manager, coach, doctor, psychologist and players.</p> <p>1. Teaching of volleyball skills. 2. Preparing a lesson plan. 3. Specific training methods for different playing positions.</p>
<p>13</p>	<p>Skill Enhancement Course-4 (Practical) {SEC- 4(PR)} Specialization in Athletics PED304PR</p>	<p>1. Introduction to athletics. 2. Historical developmental of athletics, Ancient Olympics and Modern Olympics games. 3. Historical review of track and field with special reference to India. 4. National and International level athletics championships: Olympic Games, Asian games, World Athletics, World Championship, Commonwealth Games, National Games, Open National, Youth National and Inter-Universities athletics championships.</p> <p>1. Athletic track and its types. 2. Procedure and methods to mark the track (200m, 400m). 3. Marking and construction of Shot Put, Discus Throw, Javelin throw and Hammer throw arena. 4. Specification and construction of Long Jump, Triple Jump high jump and pole vault pit/runways etc. 5. Selected National and International personalities in athletics. 6. Need, importance and procedure of Warming-up and Cooling down. 7. First aid and rehabilitation of athletics injuries.</p> <p>1. Track Events: Brief background, technique, training and important motor components of the following track events: i) Sprints races: 100m, 200m, 400m; Hurdle Races: High Hurdle and Low Hurdle and Steeple Chase. ii) Middle and Long Distance Races; Combined Events: Decathlon and Hephthalon; Relay Races and Marathon.</p> <p>37</p> <p>2. Fields Events: Brief background, technique, training and important motor components of the following field events: i) Shot put, Discus throw, Javelin throw and Hammer Throw. ii) Long Jump, Triple Jump, High Jump and Pole vault.</p>

		<p>1. Technical training and practice of following events:</p> <p>i) Sprints Starting techniques, finishing techniques.</p> <p>ii) Shot put, Discus throw and Javelin throw (Basic Teaching Stages)</p> <p>iii) Long Jump, Triple Jump High Jump and Pole vault(Basic Teaching Stages)</p> <p>iv) Record files, calculations of straight, radius and staggers of standard tracks.</p> <p>v) Relays: Holding of the baton and various types of baton exchange (visual and non-visual).</p>
14	Discipline Specific Elective-1A (DSE-1A) Recreation PED305TH Or Any One Kinesiology and Biomechanics PED306TH	Students will able to identify biomechanical, health, physiological, and psychological limitations and interventions for improving physical performance. 2. Analyze and explain the mechanisms underlying biomechanical, physiological and psychological changes that occur during after acute and chronic exercise. 3. Develop physical conditioning programs based on scientific principles designed to develop physical fitness and improve athletic performance 4. Understand mechanical principles can be applied to the analysis of human movement to assess and improve performance and reduce risk of injury. 5. Know effectiveness of human movement using mechanical principles.
15	Discipline Specific Elective-1B (DSE-1B) Methods of Teaching in Physical Education PED307TH Or Officiating and Coaching PED308	After studying this course students will able to mark Track and Field and Officiate 2. Able to understand the rules of the games and sports 3. Able to give seeding and Heats in Track and Field. Combined Events. 4. Design and practice the new methods of technique of officiating. And teaching. They will also enhance their teaching skills and abilities.
16	Generic Elective-1 (GE-1) Health Education and Nutrition PED309TH	Students will Appraise the effects of health condition during the training and practical sessions. The will learn about the nutrition recommendations being given to the sports person and sports related specific diet which can enhance the sports performance.

17	Generic Elective-2 (GE-2) Yoga PED310TH	Students will : 1. Understand the basic Concepts of Yoga 2. Apply the principles of Yoga to live healthy and active life style. 3. Promote the awareness of health through yoga 4. Analyse the techniques and of body posture to bring out healthy change. 5. Develop the knowledge through practice, participate and organize.
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