GOVT. DEGREE COLLEGE FOR WOMEN
KATHUA-184101

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Course Outcomes for All Courses

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Physics

1. Course: Semester- I (Mechanics, Oscillation and Relativity)

By the completion of this course, the students will be able to understand different co-ordinate system, frames of references, centrifugal force, coriolis force and its geographical effects, two body system like laboratory and centre of mass system. Understand the concepts of gravitation via calculations of various parameters such as gravitational force, field, potential etc., and planetary motion (Kepler's law), learn the concepts of SHM's of various body (point mass and continuous bodies), calculations of frequency of SHM's and condition of resonance. Get the knowledge of special theory of relativity via length contraction, time dilation, relativistic addition of velocity, frames of references, relativity of mass and Einstein's mass energy relation, Doppler effect.

2. Course: Semester–II (Vector Calculus, Electrostatics and Electromagnetic Waves)

The students will be able to understand the basic concepts of divergence, gradient and curl as well as study of stationary charges via electric forces, electric field, electric potential, Solenoidal field, Irrotational vector field, vector identities, electric quadrupole, Polarization vector $\underset{P}{\rightarrow}$, Displacement vector $\underset{D}{\rightarrow}$, current and current density, Ohm's Law, Bio-Savart's Law etc and determination of magnetic field by Ampere's law. In addition to this, the students will also be able to get the knowledge of Laws of electromagnetic induction via Faraday's law and knowledge of electromagnetic field by Maxwell's equations, Electromagnetic wave in vacuum, Dielectric medium and in conductors, etc.

3. Course: Semester-III (Electronics, Thermodynamics and Statistical Mechanics)

By the completion of this course, the students will understand the semiconductor Physics and its applications, study the BJT along with working and applications, UJT, FET, Logic Gates. Get the concepts of basic laws of thermodynamics, different thermodynamic processes, concept of internal energy, entropy, Carnot's engine, impossibility of absolute zero temperature, heat death, adiabatic expansion, Joule-Thomson expansion, Boyle temperature critical temperature of a gas, Principal of regenerative cooling and cascade cooling. Will get the knowledge of Basics of Statistical Mechanics like probability, macro and micro states, thermodynamic probability, phase space. Will understand the concepts of MB, BE and FD statistics along with the knowledge of Fermi energy and Fermi temperature.

4. Course: Semester- IV (Wave and Optics)

By the completion of this course, the students will understand the concept of ray optics, determination of focal length, wavelength and refractive index by Newton's ring experiment. Will also be able to get the knowledge of bending of light beam, Fresnel and Fraunhofer diffractions, grating and Rayleigh's criterion for resolution. Understand the phenomenon of polarization, Nicol prism, production and detection of circularly and elliptically polarized light,

quarter wave plate and half wave plate, etc. In addition to this, get the knowledge of wave equation in simple and differential form, periodic functions, Fourier series and its application in understanding square wave, rectangular wave, half wave rectifier and full wave rectifier.

5. Course: Semester- V (Modern Physics)

By the completion of this course, the students will be able to study the failure of classical mechanics along with origin of quantum mechanics, matter waves, wave packets, and Heisenberg's uncertainty principle. Will also be able to understand the concept of Schrodinger time dependent and independent wave equations, Operators, eigen value and eigen function, application of quantum mechanics to particle in 1-D box and zero point energy of simple harmonic oscillator. Will be able to get the knowledge of space quantization, Larmor's Precession, Bohr's Correspondence Principle, electron spin, LS & JJ coupling. Also be able to understand the concepts of nuclear physics like nuclear size, mass, charge, density, spin and magnetic moment, packing fraction, mass defect, binding energy, etc. Will also be able to get the knowledge of detection of charged particles, alpha decay, beta decay, nuclear fission and nuclear fusion. Learn about the classification of elementary particles, radiation detectors like Ionization Chamber, Proportional Counter and G.M. Counter and fundamental forces in nature.

6. Semester- VI (Solid State Physics, Quantum optics and Electronics)

By the completion of this course, the students can enjoy Crystallographic study such as unit cell, Miller Indices, Reciprocal lattice, lattice vibrations, specific heat of solids, Superconductivity, Meissner effect and defects in crystals. Will also be able to understand the classification of magnetic materials such as dia, para and ferromagnetic materials, also Langevin's theory of dia and paramagnetic and losses in magnetic materials. In addition to this, they are able to study the structure of fiber optics and principle of propagation of light through it, losses in fiber optics, advantages and applications of fiber optics. will enjoy the study of LASER and their applications, three levels and four levels laser system and Ruby laser and He-Ne laser, study of Hybrid parameters- low frequency equivalent of CE amplifier & its analysis, General principles of amplifier classification, Noise and distortions in amplifiers, study the positive and negative feedbacks in amplifiers along with advantages and disadvantages, oscillators.

Chemistry

Course Outcome of Semester I

1. This course facilitates students to understand the basics of Quantum mechanics, Schrodinger equation and its application for hydrogen atom, with emphasis on quantum numbers.
2. Students acquire comprehensive knowledge about the structure of atom; properties of elements and ionic compounds, their bonding and structural properties with emphasis on molecular orbital approach.
3. This course also introduces students to the basics of organic chemistry with emphasis on functional groups significance. Fundamental concepts about the structural effects and electronic displacements in organic compounds and their intermediates are well elaborated.
4. Basics of stereochemistry and its various types *viz*. optical isomerism and geometrical isomerism are introduced.
5. Practical course introduces the concepts and applications of volumetric analysis, detection of elements and separation of mixtures by chromatography.

Course Outcome of Semester II

1. This course introduces students to thermo chemistry, thermodynamics and chemical/ionic equilibrium. Students learn about various laws of thermodynamics and the calculation of enthalpies and absolute entropies of chemical reactions.
2. The basic fundamentals of organic chemistry with elaborated study of the synthesis and reactivity of various aliphatic and aromatic hydrocarbons such as benzene, alkyl/aryl halides, alcohols, phenols, ethers pioneer the students to the advance studies of organic chemistry.
3. The practical course is the application part of the theoretical knowledge gained by students in semester I. The students perform experiments on thermo chemistry, pH measurements, purification and preparation of organic compounds with the focus on understanding the plausible mechanisms of their formation

Course Outcome of Semester III

1. Students are introduced to the concepts of solutions, phase equilibrium, conductance and electrochemistry which include ideal and non-ideal solutions, molar and equivalent conductivities, applications of conductance measurements, acid-base conductometric titrations, electrode potentials and the qualitative treatment of potentiometric titrations for acid-base and oxidation-reduction.

2. Students learn about functional group approach for the preparations and chemical reactions of aliphatic carboxylic acids, amines, diazonium salts, amino acids, proteins, peptides and carbohydrates.
3. The practical course inculcates the basic skills to perform experiments on distribution law, conductance and potentiometric measurements. Qualitative organic analysis of organic compounds possessing monofunctional groups is also learned.

Course Outcome of Semester IV

1. This course is partly composed of inorganic and partly of physical chemistry, thus makes the students familiar with the concepts of transition elements and their properties, coordination chemistry, crystal field theory and fundamental laws regarding the states of matter, properties of solids and liquids.
2. Kinetic theory of gases, its postulates and the kinetic gas equation derivation are also introduced. Students are also taught about Maxwell Boltzmann distribution laws and their temperature dependence.
3. The students are further introduced to Chemical kinetics, concepts of reaction rates, derivations of integrated rate equations for zero, first and second order reactions, and theories of reaction rates.
4. In the laboratory course, students are taught to perform the semi-micro qualitative analysis for a mixture of four ionic species (two anions and two cations, excluding insoluble salts); surface tension measurement using stalagmometer and viscosity measurement using Ostwald's viscometer.
5. Practicals related to the studies of kinetics for various reactions using initial rate method and integrated rate method are also performed.

Course Outcome of Semester V

1. The students study about the chemistry of *3d* metals{oxidation states, preparations and properties of their peroxo compounds}, organometallic chemistry {preparation, structure, bonding and properties of mononuclear and polynuclear carbonyls of *3d* elements, Valence bond approach-Molecular Orbital diagram of CO} and bio-inorganic chemistry {role of Na^+, K^+, Mg^{2+} and Ca^{2+} ions in biological systems}.
2. The fundamentals of molecular spectroscopy are learnt with the emphasis on rotation and vibration spectroscopy, their selection rules, classical vibration equation, anharmonicity and degrees of freedom for polyatomic molecules.
3. In photochemistry, students will get thorough knowledge about electromagnetic radiations, laws of photochemistry and photosensitised reactions.
4. Practical course inculcates the hands on experiences of experiments based on instrumentation *viz.* UV/Visible spectrophotometer and colourimeter.

Course Outcome of Semester VI

1. This semester deals with the study of various inorganic materials of industrial importance, thus the students acquire comprehensive knowledge of the role of chemistry in everyday life by studying about feritilzers, batteries, catalysts, chemical explosives; their classifications, preparations, working and industrial applications.
2. The students are also taught about the applications of spectroscopy to evaluate the structure and properties of simple organic molecules.
3. In electromagnetic spectrum, they study about UV spectroscopy {its fundamentals, absorption laws, electronic transitions, chromphores, Woodward-Fieser rules} and IR absorption spectroscopy {its fundamentals, Hooke's law, selection rules, characteristic absorptions and IR spectra of some simple compounds}.
4. Students are further introduced to Nuclear Magnetic Resonance spectroscopy, and the basics of nuclear shielding, deshielding, chemical shift, spin-spin coupling and the NMR spectral interpretation of some simple organic compounds.
5. In the laboratory course, students are introduced to the experimental analysis of industrial products such as cement, fertilizers and pigments. Preparations and spectroscopic structural elucidation of some organic compounds are also performed.

Botany

Course Outcome Semester – I (Diversity of Microbes and Cryptogams)

1. This course makes the students to understand the diversity of microbes and lower plants like algae, bryophytes and pteridophytes.
2. Students learn about the general characteristics and morphology of viruses, viroids, prions etc.
3. General characters, morphological details, genetic recombinationand applied aspects of bacterial diversity in the field of agriculture, industry, medicine are dealt in detail.
4. Students learn about the fungal diversity, economic importance of fungi as medicine and food.
5. Study of general account of lichens.
6. Study of important sub-divisions of fungi like Mastigomycotina, Zygomycotina, Ascomycotina, Basidiomycotina and Deuteromycotina.
7. Life histories of some important fungal genera like Rhizopus, Aspergillus, Morchela, Puccina, Agaricus etc is studied.
8. Important features of Chlorophyceae, Xanthophyceae, Pheophyceae, Rhodophyceae and diversity of algal genera like Volvox, Oedogonium, Chara, Vaucheria, Ectocarpusis studied.
9. Economic importance of algae in agriculture,food, industry, algal blooms etc is done.
10. Some important genera of Bryophytes like Marchantia, Anthoceros and Funaria are studied in detail.
11. Bryophytes as amphibians of plant kingdom, evolution of sporophyte and importance of bryophytes.
12. Structure and reproduction in Psilotum, Lycopodium, Equisetum, Marsilia etc.
13. Stelar system, alternation of generation, Heterospory, seed habit and economic importance of pterodophytes.

Practicals

1. Study of morphology, reproductive structures and anatomical details of genera included in theory.
2. Study of disease symptoms in the hosts infected by fungi, viruses, mycoplasma, bacteria etc.
3. Section cutting of the diseased material.
4. Gram staining of bacteria.

Course Outcome Semester-II (Characteristics and Systematics of Seed Plants)

1. Study of fossilization process, types, age etc and general account of pro-gymnosperms, Cycadeoidales, Williamsonia, Cycadeoidea and fossil angiosperms.
2. General understanding of the gymnosperms, their classification and type study of Cycas, Pinus and Ephedra.

3. Study of angiosperm taxonomy, species and speciation concept, taxonomic keys, monographs, floras, journals.
4. Benthan and Hooker, Takhtajan classification of Angiosperms.
5. Students learn the contribution of anatomy, embryology and cytology to study of taxonomy.
6. Study of different dicot and monocot families like Brassicaceae, Malvaceae, Asteraceae, Fabaceae, Lamiaceae, Liliaceae, Poaceae etc.

Practicals

1. Study of representative genera under each angiosperm family discussed in the theory syllabus.
2. Study of morphological and anatomical details of gymnosperm genera, Cycus, Pinus and Ephedra.

Course Outcome Semester-III (Plant Anatomy, Embryology and Ecology)

1. Study of root apical meristem and shoot apical meristem, anatomy of primary root and stem in both monocots and dicots.
2. Students learn about the vascularisation patterns in primary shoot in monocots and dicots.
3. Epidermal modification like trichomes and stomata also studied.
4. Students learn about the secondary growth in xylem and phloem, growth rings, heartwood, sapwood etc.
5. Leaf origin, internal structure and concept of senescence and abscission.
6. Students are taught about the embryology of angiosperms, topics like detailed structure of flower, pollination patterns; pollen- pistil interaction, self- incompatibility, double fertilization, embryo and endosperm development, seed formation and seed dispersal strategies etc are discussed in detail.
7. In ecology part students learn about the atmosphere, carbon and hydrological cycles, green house gases, climate change, soil profile, soil types in India.
8. Concept of ecosystem, food chain, food web, ecological pyramids.
9. Study of community characteristics, frequency, density, life forms, biological spectrum etc.
10. Students learn about ecological succession, population ecology, ecotypes, ecades, ecotone, edge effect, Phytogeographical regions of India.

Practicals

1. Students learn about section cutting and also study the permanent slides of anatomy of angiosperm stem and root.
2. Study of RAM and RAM, study of wood in T.S, T.L.S and R.L.S, anatomy of root.
3. Study of leaf diversity, structure and types of stomata and trichomes.
4. Types of flowers and wide range of pollination patterns.
5. Structure of anther and pollen grains using permanent slides and whole mounts.
6. Pollen viability using in vitro pollen germination.
7. Study of types of ovules using permanent slides.
8. Endosperm and embryo development in monocots and dicots using slides and dissections.
9. In ecology portion, determination of frequency, density, abundance, basal area, study of life forms and compare with the Raunkaier's normal spectrum.

10. Study of soil profile.
11. Measurement of Ph and dissolved oxygen content in different water ecosystems.

Botany Semester-IV (Plant physiology and Metabolism)

1. Students are taught about the diversity, nomenclature, characteristics, regulation, mechanism of enzyme action and concept of holoenzyme, apoenzyme, co-factors and co-enzymes.
2. Mechanism of diffusion and osmosis, absorption of water through xylem, transpiration, opening and closing of stomata.
3. Concept of macro and micro nutrients, importance of Ca, N, P, K, Mg etc, transport of ions through cell membrane, concept of carriers, channels, pumps.
4. Students learn about the translocation in phloem, girdling experiment, pressure flow model, phloem loading and unloading, source- sink relationship.
5. Photosynthetic pigments, concept of photosystems, photophosphorylation, Calvin cycle, C4, CAM pathway.
6. Glycolytic pathway, Kreb's cycle, Pentose phosphate pathway,electron transport mechanism, oxidative phosphorylation and chemi-osmotic theory of ATP synthesis.
7. Concept of nitrogen fixation, nitrate and ammonium assimilation, biosynthesis and functions of phospholipids, beta oxidation, secondary metabolism and abiotic stress (drought, heavy metal, pH, salinity), reactive oxygen species.
8. Students also learn about physiology of growth and flowering, seed dormancy and germination, florigen concept, photoperiodism, vernalisation, phytochromes, plant hormones like auxins, gibberllins, abscissic acid and ethylene.

Practicals

1. Study of permeability of plasma membrane using different concentrations of organic solvents.
2. Study of effect of temperature on permeability of plasma membrane.
3. Study of effect of temperature and Ph on enzyme activity of catalase and peroxidase
4. Separation of chloroplast pigments by solvent portioning/paper chromatograpgy method
5. Determining the water potential of potato tubers and vascular sap
6. Separation of amino acids in a mixture by paper chromatography
7. Demonstration of stomatal movements and plasmolysis and deplasmolysis.

Botany Semester-V (Cell biology and Genetics)

1. Students learn about the structure of the cell, cell wall, plasma membrane, lipid bilayer model, fluid mosaic model
2. Ultrastructure and functions of cell organelles like endoplasmic reticulum, golgi apparatus, chloroplast, mitochontria and ribosomes
3. Ultrastructure of nuclear membrane, organization and function of nucleolus
4. Structure of chromosomes, concept of sex chromosomes, reductional and equational divisions, crossing over
5. Structure and replication of DNA, satellite and repetitive DNA, mitochondrial and plastid DNA

6. Organization of DNA in prokaryotic and eukaryotic genomes, nunceosome model, concept of gene and genetic code
7. Protein synthesis- transcription and translation in prokaryots and eukaryotes, structure of proteins
8. Intra- chromosomal alteration (deletions, duplications and inversions) and inter-chromosomal alterations (translocations) ; euploidy and aneuploiody
9. Students also learn about mutations, transposable elements in prokaryotes and eukaryotes, DNA Damage and repair mechanisms.
10. Laws of Mendel, allelic and non-allelic interactions, linkage and recombination

Practicals

1. Study of cell structure from onion peel and staining and mounting method demonstration
2. Study of plastids to examine pigment distribution in plants
3. Electron micrographs of eukaryotic cells, viruses, bacteria, cyanobacteria
4. Study of various stages of mitosis and meiosis
5. Preparation of karyotypes from dividing root tip cells and pollen grains
6. Special types of chromosomes like lampbrush, polytene chromosomes, barr body
7. Working out laws of inheritance using seed mixtures

Botany Semester-VI (Economic Botany and Biotechnology)

1. Students are taught about origin and cultivation of wheat, maize, rice, cotton, jute, tea, coffee, cumin, fennel, coriander, cloves, cinnemom, ginger etc
2. Cultivation and utilization of ground nut, mustard and coconut oil
3. Fire wood, timber yielding, medicinal plants of J&K
4. Utilization of pulses (rajmah, pea, urad), vegetables (cauliflower, bottle gourd, ladyfinger, spinach), fruits (apple, mango, peach, apricot, almonds)
5. Concept of plant tissue culture, cellular totipotency, micropropagation, somatic embryogenesis, synthetic seeds, somaclonal variations
6. Recombinant DNA technology, agarose gell electrophoresis, Southern blotting, cloning vectors, biology of agrobacterium
7. Polymerase chain reaction, achievements in crop biotechnology, transgenic plants

Practicals

1. Study of food storing tissues in rice, wheat, maize, potato and sugarcane
2. Hand sections of groundnut, mustard and coconut and staining of oil droplets by using Sudan III
3. List of firewood trees and bamboos, practical examination of black pepper, cloves, cinnamom, cardamom
4. Preparation of illustrated inventory of 10 medicinal plants locally available
5. Study of structure and types of fruits and vegetables
6. Demonstration of media preparation in tissue culture, technique of micropropagation, anther culture

ZOOLOGY

SEMESTER 1

COURSE NAME : Animal Diversity

COURSE CODE : UZOTC 101

1. Learn general characteristics of invertebrates and vertebrates.
2. Differentiate between invertebrates and vertebrates.
3. Study different phyla of invertebrates and vertebrates.
4. Practically spot out the two major groups of animal kingdom.
5. Better have knowledge of evolution.
6. Practically students learn about specimens, classification of different classes & sketching of specimens.
7. Understand internal parts animals when preserved animal is dissected.

SEMESTER 2

COURSE NAME : Comparative Anatomy & Developmental Biology of Vertebrates

COURSE CODE : UZOTC 201

1. Have wider knowledge of various metabolic systems of vertebrates.
2. Compare the systems and can study well.
3. Comparison of digestive/circulatory/respiratory systems of fish, amphibian, reptile, aves and mammals.
4. Study Anatomical evolution well.
5. Practically, student studies embryological stages of animal, osteology, dermal structures like feathers, beak, horns, hoofs etc. etc.

SEMESTER 3

COURSE NAME : Physiology & Biochemistry

COURSE CODE : UZOTC 301

1. The student learns physiological system of animals, how the vital organs of the body work.
2. Understand the functioning of different hormones in body.
3. Role of enzymes in catalysing the metabolic reactions of the body.
4. Study biochemical pathways & reactions catalysing the metabolism of the body.
5. Practically, student learns structure of glands through permanent slides.
6. Testing of different foodstuffs for presence of carbohydrates, proteins & fats.

SEMESTER 4

COURSE NAME : Principals of Genetics & Evolutionary Biology

COURSE CODE : UZOTC 401

1. Know the basic concept of genes & chromosomes.
2. Learn theories of Mendel.
3. Understand chromosomal abberations, DNA repair mechanism, Lyon's hypothesis
4. Understand Sickle Cell Anaemia, Haemophilia, & different Syndromes through karyotyping.
5. Study mitosis & meiosis through permanent slides.
6. Student develops interest in solving Mendel's monohybrid, dihybrid, & test cross.

SEMESTER 5

COURSE NAME : Applied Zoology

COURSE CODE : UZOTE 501

1. Study host – parasite relationship
2. Study parasitology
3. Study aquaculture techniques like induced breeding, composite fish culture etc.
4. Learn Integrated animal farming.
5. Learn transgenesis, artificial insemination

SEMESTER 6

COURSE NAME : Insect Vectors & Diseases

COURSE CODE : UZOTE 601

1. Study host – vector relationship.
2. Learn disease vectors like mosquitoes, louse, fleas, bugs, flies etc.
3. Learn Integrated Vector Management
4. Practically, to study biological agents of insect vector control.
5. Study insect vectors through photographs.

Geography

Semester I

Course: Physical Geography-I

In the first semester, the department offers courses namely Physical Geography to their students. By learning Physical Geography, students explore the earth's ever-changing physical aspect of the earth. In this course, more emphasis is given to the geomorphology of the earth. The students learn about the nature and scope of physical Geography including its divisions and its relationship with other subjects. Students also learn about different theories related to the origin of the earth, continental drift, plate tectonics, and the theory of Isostasy. The course also inculcates the knowledge of the geological time scale of the earth, its interior parts, earthquakes, volcanoes, and different types of rocks. Students also acquire the knowledge of earth movements which includes folds and faults, the process of weathering and its impacts, different cycles of erosion, causes of landslides, and avalanches. In this course, students also gain knowledge about different landforms formed by the fluvial, glacial, Karst, and Aeolian processes.

Course: Cartography –I (Practical Core)

In the 1st semester, students also receive basic knowledge of cartography which includes essentials of maps, globe, and sketches. Students also learn about different methods of showing relief features and drawing of contour maps as well as qualitative & quantitative methods of representation of hachure's, layers tinting, hill shading, spot height, benchmarks, and forms lines.

Semester II

Course: Geography of Jammu and Kashmir.

In the 2nd semester, students gain knowledge of the geography of Jammu and Kashmir. In this very interesting course, students explore Jammu and Kashmir in the context of India, its physical divisions, different climates prevailing in Jammu and Kashmir, and its drainage system. Students also learn about its Natural vegetation, different types of soils, and productions of different crops, horticulture, and livestock. This course also infuses knowledge of different minerals, prospects of hydropower and forest and agro-based industries in Jammu and Kashmir. Students also discover the growth, distribution, and density of the J&K population and the level of urbanization in the state. The course also aware the students about different types of disasters (landslides, floods, and earthquakes) which mostly occur in Jammu and Kashmir.

Course: Cartography-II (Practical Core)

In the 2nd semester, students continue to gain knowledge of cartography which is very helpful in their future as a cartographer. In this course, students gain acquaintance with different components of maps, their classification, and their uses of maps in the field. Students also learn about different cartographic symbols like point, line & area symbols and their applications as well as cartographic diagrams like Pie Diagram, Proportional circles, concentric circles, spheres,

and pyramids. Students also learn the representation of agriculture and population data through Isopleths, Dot, Chorochromatic, choroschematic, and Choropleths methods.

Semester III

Course: Physical Geography-II

This course has two sections Section-A and Section-B. In section-A, students of the 3rd semester learn about climatology. In climatology, students learn about different elements of climatology, its structure, and composition of the atmosphere, factors affecting the distribution of isolation and global heat budget, and vertical and horizontal distribution of temperature. Students also learn about atmospheric pressure, winds and their causes and types, the concept of humidity, and their types. Students also learn about clouds, their formation, and their types. Students also receive knowledge about air masses, different types of fronts, cyclones, and their types and climatic classification. In section B, students get acquainted with very interesting oceanography. In oceanography, students discover oceanic temperature, salinity, and oceanic currents. Students have been also educated about oceanic tides, coral reefs, oceanic deposits, and global warming.

Course: Map Projections (Practical Core).

In a practical course namely Map Projections of 3rd semester, the students learn about the basics of longitude, latitude, and different types of map projections which are very crucial for reading different sorts of toposheets.

Course: Cartography (Skill Enhancements)

In the 3rd semester, the department offers a skilled enhancement course to students i.e. Cartography. In this course, students receive familiarity with basic cartography in which students have been taught about scales and different types of scales i.e. plain, diagonal, and comparative scales. Students have also been taught about drawing distribution maps with the help of chorochoromatic and Choroschematic methods. This course also enables the students to represent the data of temperature and rainfall with the help of a line graph and bar graph.

Semester IV

Course: Geography of India

Geography of India in the 4th semester helps students get acquainted with the Geography of India. In this course, students learn about the physiographic divisions of India, its climate, and its drainage systems. This course also enables students to know the types of soils, vegetation, mineral resources as well as power resources of India. This course also infuses knowledge of Indian agriculture, green revolution, major cereal as well as cash crops of India. Students also receive knowledge of the spatial distribution of population and population policy of India, Migration, and urbanization of India.

Course: Surveying

This practical course enables students to know about surveying, its importance in day-to-day life and its classification, and different methods of survey. Students learn different methods of survey such as chain and plane table surveys. Students also go for a socio-economic survey tour and prepare a detailed report.

Course: Skillful Planning for Regional Development (Skill Enhancement)

In the skill course namely Skillful Planning for Regional Development of the 4th semester, students explore the concept of regional planning, need to study regional planning as well as classification and types of regional planning. Students are also aware of the characteristics of skill planning and the role of skill planners in regional development.

Semester V

Course: Human Geography

This course enables the students to aware of human geography. In this course, students also study different approaches to human geography. Students learn growth, density, and distribution of population as well as its demographic attributes. Students also receive knowledge of concepts of over and optimum population and cultural regions of the world.. Students also learn rural and urban settlement, trends and patterns of world population, and urbanization.

Course: Advance Statistical Techniques

This course enables the students to advance statistical techniques in Geography. Which are very relevant in day-to-day life and have practical significance. Students learn about data, methods of data collection, tabulation, and analysis of data. Students also learn different statistical techniques like mean, mode, median Standard deviation, and correlation.

Course: Geography of Tourism (Skill Enhancement)

This course enables students to know tourism geography. This is very relevant in Jammu and Kashmir as the state economy is largely dependent on the tourism sector. Students are also aware of different tourism types like pilgrimage and heritage tourism.

Course: Physical Geography (Generic Elective)

In this course of Physical Geography, students learn about the fundamental of physical geography which includes the origin and evolution of the earth, the interior of earth, earthquakes, and volcanoes. Students also receive an idea about climatology in which they learn about the structure and composition of the atmosphere, isolation, and different pressure belts and winds. In a general elective course, students discover different sorts of vegetation and soil and various hazards and disasters.

Semester VI

Course: Geography of Asia

Students in the 4th semester explore the geography of Asia. As the name suggests Geography of Asia is very vast so is the knowledge gained from learning this course. This enables students to learn different soils, the origin of agriculture in Asia, distribution, and production of different crops in Asia. Students also get aware of major industries of Asia and different parameters of the population. In Geography of Asia, students are also aware of different organizations of Asia like ASEAN, SAARC, SAFTA, OPEC, and CIS.

Course: Field Study and Field Report

In this course of the 6th semester, students learn about the importance of field reports in geographical studies, how we define the field, and the identification of case studies. Students also learn different field techniques which have very significant value in student carrier. In this course, the student also goes to the field area and conducts a thorough survey with a questionnaire in hand and then tabulates the data collected during the survey, analysis it, and prepares a detailed field report.

Course: Disater Management

The course namely Disaster management enables the student different sorts of disasters that occurred in day to day life, its risk and vulnerability. Students also gain knowledge concerning the causes and consequences of disasters and the history of disasters in India and J&K. Students learn how to respond and mitigate the disasters through self groups and government organizations like NDMA and NIDM.

Course: Remote Sensing and GPS

The main objective of this paper is to aware the students of remote sensing techniques. This course helps to learn the different applications of remote sensing for agriculture, natural resource management, and urban and rural planning.

Course: Human Geography (Generic Elective)

The objective of this course is to give an overview of different aspects of Human Geography with detailed analysis burning issues of the subject at the global level.

Environmental Science

Semester I

In semester I, there are three units and the syllabus is framed in such a way that students have basic knowledge of environment and ecosystem. Students learn the importance of each component of ecosystem and also how it functions. Students come to know about biodiversity, its importance, various threats to biodiversity and also how to conserve. Knowledge about natural resources is being imparted to the students. They become aware of the importance of conserving natural resources and adopting alternate sources of energy. Field work included in the syllabus imparts practical knowledge to the students.

Semester II

In semester-II, students learn about causes, effects and control measures for different types of pollution. They also study management of various natural disasters. In this semester, they also come to know about various diseases and control measures. The topic drug addiction makes them aware about the ill effects of drugs and how to stop this menace in society. Role of IT in environment and human health is also discussed. Knowledge about important environmental laws is imparted to them. After going through this course, students also learn the concept of sustainability. Practical work makes them understand the various sources of different types of pollution.

Semester III

This is a skill enhancement course and students learn about the sources of solid waste management, importance of solid waste management and do the techniques employed to manage solid waste. Lab coerces for students enable them to learn how to prepare compost from bio-degradable waste, which they can practice at home also. Students are encouraged to reuse things. They also make beautiful and useful things from waste which are exhibited and sold by them.

Semester IV

In this semester, students learn about various techniques used for EIA, which project requires EIA and EIA is documented. This skill makes them eligible for doing job in various EIA projects. Practical part gives them firsthand experience of doing EIA.

Semester V

In this semester, students acquire in-depth knowledge of different parameters of natural resources, pollution of these resources as well as the pollution control techniques. Lab work makes them skillful regarding measurement and analysis environmental pollutants. They can apply this knowledge at home or even work with laboratory. Visit to industrial units makes them aware about the different pollution control techniques.

Semester VI

This course is very important as it makes students aware about the various environmental hazards such as fire, floods, earthquakes, etc. people become skilled how to prevent these as well as how to manage disasters. Practical part imparts knowledge such as using fire extinguishers, mock drills, first aid training and other life saving skills.

Computer Applications:

Learning Outcomes:

Course: Introduction to Computer Fundamentals and IT tools - UCATC-101

By the completion of this Course the student will be able to:

1. Understand basis concepts like: Computer, application of computers, storage devices, Input & output devices, Software and its types.
2. Have knowledge of Word Processor & its features, Spread sheet & its features, Presentation Software's and its uses.
3. Understand the overview of Operating system, its functions and types of operating system.
4. Knowledge about Number system & its types, conversion from one base to another and vice versa.

Course: Problem Solving using C language – UCATC-201

By the completion of this Course the student will be able to:

1. Understand an Algorithm, Representation of Algorithm & Flowcharts,
2. Have knowledge of Variables, Data Types, operators and basic structure of C Program.
3. Understand various decision making statements like: if Statement, if…….. else Statement, Nesting of if….else Statements and loops: for, while & do-while,
4. Understanding of Pointers, Arrays: One, Two and Multi Dimension Arrays, Initialization of one and two dimensional Arrays, Declaring and Initializing String Variables, String Handling Functions.
5. Understand the Function Definition, Function Calls (call by value & call by address method), Structures and Unions.

Course: Data and file structure using C language- UCATC-301

By the completion of this Course the student will be able to:

1. Understand the definition & Classification of Data Structures: Arrays, Stacks, and Queues.
2. Calculate the Time and Space Complexity of Algorithms.
3. Understand Linked Lists, Representation of linked list in memory
4. Understanding Trees, Binary Trees, Binary Tree Traversal, Binary Search Trees, Heaps, Graphs and its traversal.
5. Searching and Sorting the elements by using different algorithms: Bubble Sort, Insertion Sort, Selection Sort, Heap Sort, Linear Search & Binary Search.
6. Understand the concepts of File Organization techniques: Sequential Files, Direct File Organization, Indexed Sequential File Organization and Hashing Techniques for Direct Files.

Course: Database Management System & SQL - UCATC-401

By the completion of this Course the student will be able to:

1. Understand the Meaning of Data, Field, Record, File, Database, Traditional File Approach Vs Database Management System and Three Level Architecture of Database.
2. Understand the role of DBA and its Responsibilities
3. Having Knowledge of various Database Models: Hierarchical, Network & Relational database Model.
4. Understand the Concept of Keys (primary key, alternate key, candidate key, composite key , super key and foreign key) and Fundamental Integrity Constraints (entity integrity, domain integrity & referential integrity).
5. Normalize the data by using Normal Forms Based on Primary Keys (1NF, 2NF, 3NF & BCNF).
6. Execute concurrent transactions using concurrency control methods: Lock based concurrency control (2PL, Deadlocks),
7. Access the database by using different DDL, DML, and DCL Commands.

Course: Fundamentals of Operating System – UCATE-501

By the completion of this Course the student will be able to:

1. Understand the overview of Operating system, its functions and types of operating system.
2. Understand Process Scheduling Algorithm and find the Scheduling criteria: CPU Utilization, Throughput, Turnaround Time, Waiting Time & Response Time.
3. Understand the Deadlock Detection, Prevention & Avoidance techniques.
4. Understand the concept of Paging and Segmentation.
5. Understanding of some basic Linux/ Unix commands

Course: Networking and Internet: UCATE-601

By the completion of this Course the student will be able to:

1. Understanding of Network hardware & software and Types of networks.
2. Having knowledge of classes of IP addresses, OSI & TCP/IP reference model.
3. Knowledge of Web server & Web browser,
4. Understand the Working of DNS.
5. Understanding of some basic HTML commands.

General English

Smester 1st
Course code :UENTC-101

This course enables students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Semester 1st Communication English- 1
Course code: UCETS 101

This course enables students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and the ablest to deal with life situations.

Semester 2nd General English
Course code: UENTC- 201

The course mostly helps students to have a realistic approach and also enables them to exercise and express them orally and also to use the language effectively and efficiently.

Semester 2nd Communication English:
Course code: UCETS -201

This course enables students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Semester 3rd General English
Course code: UENTC- 301

This course enables students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Semester 3rd Ability enhancement course
Course code: UENTA -302

The ability enhancement courses are the courses which provide a wider perspective not only theoretical but practical knowledge also. This subject comprises of chapters which helps and enables them to implement certain knowledge's in life. The chapters re modified and created in such manner that it gives an immense amount of knowledge which if inculcated in life can provide the students with basic ideas of how to improve their life and people around them.

Semester 4th General English
Course code: UENTC-401

This course enables students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Semester 4th Ability enhancement course
Course code: UENTA -401

The ability enhancement courses are the courses which provide a wider perspective not only theoretical but practical knowledge also. This subject comprises of chapters which helps and enables them to implement certain knowledge's in life. The chapters re modified and created in such manner that it gives an immense amount of knowledge which if inculcated in life can provide the students with basic ideas of how to improve their life and people around them.

Semester 5th Ability enhancement course
Course code: UENTA – 501

The ability enhancement courses are the courses which provide a wider perspective not only theoretical but practical knowledge also. This subject comprises of chapters which helps and enables them to implement certain knowledge's in life. The chapters re modified and created in such manner that it gives an immense amount of knowledge which if inculcated in life can provide the students with basic ideas of how to improve their life and people around them.

Semester 5th Indian women writing
Course code: UENTE -505

The Indian women writing enable students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Semester 6th Ability enhancement course code
Course code: UENTS -601

The ability enhancement courses are the courses which provide a wider perspective not only theoretical but practical knowledge also. This subject comprises of chapters which helps and enables them to implement certain knowledge's in life. The chapters re modified and created in such manner that it gives an immense amount of knowledge which if inculcated in life can provide the students with basic ideas of how to improve their life and people around them.

Semester 6th new literatures in English
Course code: UENTE-605

The new literatures in English writing enable students to develop good communication skills. It makes students to develop listening, speaking skills. This subject enables them to deal and utilize the language in formal and informal situations of life. This makes them an effective speaker, thinker and are able to deal with life situations.

Math

B.Sc./ B.A semester I: Course Outcome of Differential Calculus

Students will able to

1. Describe the concept of Limit and Continuity of function on R.
2. Solve the types of indeterminate forms.
3. Solve the Partial differentiation.
4. State, prove and apply Euler's theorem for homogenous functions.
5. Define the Polar co-ordinate and relation between Cartesian and Polar co-ordinates.
6. Apply the Graphical Techniques in Polar forms such as $r = a \pm b\cos\theta$, $r = a \pm b\sin\theta$
7. Understand Rolle's theorem, The Mean Value Theorems,Taylors Theorem with Langrange's and Cauchy's form of remainder.

B.Sc./ B.A semester II: Course Outcome of Differential Equations

Students will able to

1. Solve the first order and higher order differential equations solvable for x,y,p.
2. Find the Exact and non exact equation, Integrating functions and rules to find integrating factor of Non exact differential equation.
3. Understand the basic theory of linear differential equation and solving differential equation by reducing its order.
4. Solve differential equation by method of variation of Parameters and Cauchy-Euler equation.
5. Define Partial differential equation and types of partial differential equation.
6. Solve the Non linear partial differential equation of degree one.
7. Find solution of homogeneous and non-homogeneous partial differential equations of second and third order with constant coefficient.

B.Sc./ B.A semester III: Course Outcome of Real Analysis

Students will able to

1. Define Finite and Infinite sets, countable and uncountable sets.
2. Describe Real sequences and their boundedness, convergence and divergence.

3. Explain the Cauchy's First and Second theorem on limits and Monotone convergence theorem.
4. Prove Nested- interval property of Real numbers.
5. Know the infinite series and their convergence and divergence.
6. Determine the convergence of series by applying comparison tests, cauchy's root test, Rabee's test etc.
7. Find Some theorems on continuity and uniform continuity viz. every continuous function attains its bounds on closed and bounded interval, intermediate value theorem, continuity implies uniform continuity on closed intervals, relations between continuity and uniform continuity.
8. Know about the Sequences and series of functions, point wise and uniform convergence.

B.Sc./ B.A semester IV : Course Outcome of Algebra

Students will able to

1. Define the Binary operations, semi-groups and groups and Abelian and non-abelian groups, finite groups,definition of group based on left and right axioms.
2. Know Subgroups, their characterization, intersection, union and product of groups and cyclic groups, their generators and properties, (i.e. counting principle for the number of elements in HK).
3. State Langrange's theorem and its applications including Euler's theorem and Fermat's theorem.
4. Understand about the concept ofHomomorphism and isomorphism of groups, kernel of homomorphism,group of automorphisms, fundamental theorem of homomorphism including 2nd and 3rd laws of isomorphism.
5. Concepts of rings, integral domains and fields with plenty of examples, subrings, ideals and results based on these concepts, quotient ring.
6. State and prove the Fundamental theorem of ring homomorphism, prime ideals, maximal ideals and their characterization.

B.Sc./ B.A semester V : Course Outcome of Linear Algebra

Students will able to

1. Define vector spaces, subspaces of a vector space and quotient space. Linear combination of vectors, linear span, linear dependence and linear independence of vectors.
2. Basis and dimension, Finite dimensional vector space, Existence theorem, Extension theorem, Dimension theorem.
3. Describe the Double dual of a vector space. Isomorphism between vector spaces and their double dual.

4. Evaluate the Linear transformation on vector space, algebra of linear transformation on a vector space and find the Null space and range of linear transformation.
5. Evaluate Matrix representation of linear transformation.
6. Understand the concept of Matrices: Symmetric, Skew- Symmetric, Hermitian, Skew-Hermitian, Unitary and Orthogonal. Rank of a matrix, characteristic polynomial of a matrix, eigen values, eigen vectors. Cayley – Hamilton theorem and its applications.

B.Sc./ B.A semester VI : Course Outcome of Complex Analysis

Students will able to

1. Defined the complex plane, properties of complex numbers, polar representation, De-Moivre's theorem and its applications in finding the roots of complex numbers and in expressing powers of sine and cosine in terms of series of sine or cosine of multiples of θand vice-versa.
2. Find the functions of complex variables, exponential function, Logarithmic functions.
3. Evaluate the Circular and hyperbolic functions of complex variables, relation between them and their properties. Summation of series of circular functions.
4. Describe the Analytic functions, Definite integral of functions.
5. Define Contours, Contour integral and its examples.Maximum Modulus Principle.Cauchy-Goursat theorem, Cauchy Integral Formula.
6. State and prove the Liouville's theorem and the fundamental theorem of algebra. Convergence of sequences and series, Taylor Series. Absolute and uniform convergence of power series.

Education

Semester- I

1. To enable the students to understand the basic concepts, functions and aims of education.
2. To make the students to understand the basic concepts of society and Indian society, identify the social and economic problems of Indian society.
3. To acquaint the students with the concept, process and factors of socialization.
4. To enable the students to understand the concept of culture, its types, characteristics and find its relationship with education.
5. To enable the students to understand the concepts of national and emotional integration, barriers in the way of national integration and role of education in bringing about national integration.

Semester-II

1. To enable the students to understand the meaning of education, psychology and educational psychology and relationship between education and psychology.
2. To enable the students to understand the meaning, components, types of memory and signs of good memory.
3. To acquaint the students with use of statistics in educational situations and develop in them the skills of graphical representation of data and its types and computation of measures of central tendency.

Semester-III

1. To enable the stages at which education is imparted.
2. To acquaint students with basic concepts and relevance of elementary, secondary and higher education.
3. To help students to understand the concepts and relevance of teacher education, evaluation, assessment and certification in quality education.
4. To enable the students to understand the concepts of guidance and counseling.
5. To acquaint the students with the types of guidance and counseling.
6. To enable the students with the guidance and counseling services.

Semester-IV

1. To enable the students to understand concept of educational psychology and its objectives.
2. To help the students to understand the methods of studying human behaviour.
3. To enable the students to understand personality and its assessment.
4. To enable the students to develop understanding of teaching and learning process.
5. To equip the students with the knowledge and understanding of different methods of teaching.

Semester-V

1. To enable the students to understand the bases of education.
2. To enable the students to understand the contributions made by educational thinkers.
3. To enable the students to understand the concept, characteristics and applications of Normal Probability Curve.
4. To enable the students to understand the nature of special education.
5. To acquaint the students with educational needs of mentally retarded children.
6. To enable the students to understand the concepts of education and its general functions.
7. To help the students to understand the concept of philosophy and its relationship with education.

Semester-VI

1. To enable the students to gain knowledge about the system of Indian education during Vedic, Buddhist and medieval periods.
2. To enable the students to understand the impact of British commission and committees on Indian education.
3. To enable the students to understand the elementary statistics in education.
4. To enable the students to understand the measures of relative standing and relationships.
5. To enable the students to understand the concepts and types of agencies of education.
6. To enable the students to understand the concepts of social change and culture and their relationship with education.

Political Science

Learning Outcomes:

Semester-1 Course: Introduction to Political Science - USPSTC-101

By the completion of this Course the student will be able to:

5. Understand Meaning of Political Science, Politics and Political theory, Traditional and Modern Approaches to the study of Political Science.
6. Have knowledge of theories of origin of the State and concept of Sovereignty.
7. Understand the basic Concepts like: Right, Liberty, Power, Authority, Legitimacy and Democracy.
8. Knowledge about major ideologies like Liberalism, Socialism, Secularism and Feminism.

Semester-2 Course: Indian Government and Politics- USPSTC-201

By the completion of this Course the student will be able to:

6. Understand the Evolution, Ideological basis and features of Indian Constitution
7. Have knowledge of Fundamental Rights, Directive Principles of State Policy and Fundamental Duties.
8. Knowledge about Parliament- Lok Sabha and Rajya Sabha
9. Role of President, Prime- Minister and Council of Minister
10. Understanding of Judicial System of India- Supreme Court of India
11. Gain knowledge of Party Systemin India, Coalition Politics, Ideology and Social base of National Parties, Nature and Evolution of Communist Parties.
12. Understand the Major Political Issues like; Ethnicity, Role of Caste, Communalism and Regionalism in Indian Politics

Semester-3 Course: Western Political Thought- UPSTC-301

By the completion of this Course the student will be able to:

7. Understand the concept of Education, Justice, Communism, Ideal State and Philosopher King of Plato (427 B.C. -347 B.C.)
8. Understand the role of Aristotle as Father of Political Science, his views on Household, concept of Revolution and his Best Practicable State (384 B.C.- 322 B.C.)
9. Have knowledge of Renaissance and its impact on Machiavelli (1469-1527 A.D.), his views on Human Nature,relationship between Ethics and Politics and views regarding Preservation and Extension of State Power.
10. Understand the Concept of Liberty, Thought, Expression and Action given by Machiavelli (1806-1873), His views on Women's Equality, Representative Government and Plural Voting.

Semester-4 Course: Comparative Politics- UPSTC-401

By the completion of this Course the student will be able to:

1. Understand the meaning, Nature and Scope of Comparative Politics; Approaches to the study of Comparative Politics like: System, Structural-Functional, Political Economy and Dependency Approach.
2. Understand the Concept of Political Culture, Political Participation, Political Socialisation and Political Development.
3. Knowledge of theories of Democracy (Elitist and Pluralist), theory of Representation, Features of Authoritarian and Democratic Regimes.
4. Gain the knowledge of emerging issues to Comparative Politics like; Globalisation, Women's Issues, Climate Change, Human Rights and Climate Change.

Semester-5 Course: International Politics- UPSTE-501

By the completion of this Course the student will be able to:

8. Understand the Meaning, Evolution, Changing Nature and Scope of International Politics.
9. Have Knowledge of Idealist (Woodrow Wilson), Realist (Hans J. Morgenthau), Decision Making (Richard C. Synder) and Feminist Approach.
10. Gain the knowledge of key concepts of International Politics like: National Power, Elements of National Power, National Interest and Foreign Policy.
11. Understand the Concept of Collective Security, Collective Defense and Balance of Power.
12. Have Knowledge of Non- Alignment, Cold War and Detente

Semester-5 Course: Introduction to Indian Political System: UPSTE-502

By the completion of this Course the student will be able to:

6. Understand the Evolution, Ideological basis and features of Indian Constitution
7. Have knowledge of Fundamental Rights, Directive Principles of State Policy and Fundamental Duties.
8. Knowledge about Parliament- Lok Sabha and Rajya Sabha
9. Role of President, Prime- Minister and Council of Minister
10. Understanding of Judicial System of India- Supreme Court of India
11. Gain knowledge of Party Systemin India, Coalition Politics, Ideology and Social base of National Parties, Nature and Evolution of Communist Parties.
12. Understand the Major Political Issues like; Ethnicity, Role of Caste, Communalism and Regionalism in Indian Politics

Semester-6 Course: Government and Politics in Jammu and Kashmir- UPSTE-601

By the completion of this Course the student will be able to:

1. Understand the formation of J&K State, Politico-Administrative legacies of the Princely Regime
2. Have Knowledge of Political Awakening in Kashmir, Jammu and Ladakh.
3. Understand the Instrument of Accession, Article 370, 35 A and Presidential order of 1954.
4. Gain the knowledge of Jammu and Kashmir Constitution.
5. Knowledge about State Legislature, Role of Governor, Chief Minister and Council of Ministers.
6. Understand the Judicial System: High Court and Subordinate Courts.
7. Perspective of National and State Parties on State Issues.
8. Understand the Politics of Marginal Groups: Women, Dalits and Tribes.
9. Have knowledge of Displacement and Resettlement issue in the State.

Semester-6 Course: International Politics: Contemporary Issues and Concerns- UPSTE-602

By the completion of this Course the student will be able to:

1. Understand the Meaning, Evolution, Nature and Scope of International Politics.
2. Have Knowledge of Modes of International Politics: Conflict, Cooperation and Competition.
3. Gain the knowledge of concepts of International Politics like Foreign Policy and Diplomacy.
4. Understand the Evolution of International Economic Institutions (IBRD, IMF and WTO).
5. Have Knowledge of Political Economy of European Union and Brexit and Political Economy of Globalisation.
6. Understand the major International Security Issues like Rethinking on National Security, Politics of Global War on Terror, Proliferation of Nuclear Weapons.
7. Knowledge of Contemporary Issues: Environmentalism in International Politics, Politics of Human Rights and Role of United Nations and Gender in International Politics.

Sociology

Sem-1 Course: Introduction to Sociology

By the completion of this Course the student will be able to:

1. Understand the origin and growth of sociology.
2. Have knowledge of meaning, nature and scope of sociology.
3. Knowledge about various sociological perspectives like Functional, Conflict and Interactionist.
4. To make the students understand the basic concept and institutions of sociology.
5. To understand the student's relationship between individual and society, culture and society.

Sem-2 Course: Society in India

By the completion of this Course the student will be able to

1. Understand the dynamics of Caste and Varna and basic features of society.
2. Have knowledge about meaning and features of Tribes.
3. To learn about Unity in Diversity.
4. To understand the students about the concept of rural society and concept of urban, urbanisation and urbanism.

Sem-3 Course: Foundations of Sociological Thoughts

By the completion of this Course the student will be able to

1. To make the students understand the contribution of pioneers of Sociology like Comte, Spencer and Durkheim.
2. Have knowledge about Parsons Concept of AGIL Concept of Pattern Variables.
3. Understand the Concept of Social Action, Ideal Types, Authority, Class Struggle, Alienation and Division of Labour and Suicide.

Sem-3 Course: Gender Sensitization

By the completion of this Course the student will be able to

1. Understand the concept of Gender, Sex, Gender Identity and Gender Roles.
2. To provide them the tools and skills to develop and integrate Gender Perspective in work and life.
3. Understand the various Gender Issues like Health Issues, Violence against women etc.

Sem-4 Course: Research Methodology

By the completion of this Course the student will be able to:

1. Understand the Meaning and importance of Social Research.
2. To provide students with knowledge of tools and techniques of Data Collection and basic statistics and computers.
3. Gain the knowledge about meaning and significance of sampling and types of sampling.

Sem-4 Course: Tribal Society in India

By the completion of this Course the student will be able to:

1. To understand the students with the concept and problems of tribals in India.
2. Have knowledge about tribe and caste, tribal family, tribal marriage, tribal economy and religion.
3. To learn the students about the geographical distribution and movements among tribes in India.
4. To acquaint students about constitutional measures for upliftment of tribes and various approaches to tribal problems.

Sem-5 Course: Understanding Sociology

By the completion of this Course the student will be able to:

1. To introduce the students to the discipline of sociology-its nature, origin, growth and perspectives.
2. To Understand the students with the basic concepts and institutions of sociology like- society, community, group, association, marriage, family etc.

Sem-6 Course: Social Demography

By the completion of this Course the student will be able to:

1. To tell the students about the concept of social democracy.
2. To make the students understand with the theories of demography like- Demographic transition theory, Malthusial demographic theory etc.
3. Have the knowledge about population policy in India, factors responsible for rapid population growth and measures for control population.

Sem-6 Course: Social Change and Development and Globalization

By the completion of this Course the student will be able to:

1. To understand the students with the concepts of social change, development and globalisation.
2. To understand the student's various theories of social change like evolutionary theory, cyclic theory, functional theory etc.
3. To familiarize the student's various factors of Social change.

Sem-6 Course: Issues and Problems in Indian Society

By the completion of this Course the student will be able to

1. To introduce the emerging issues in Indian Society to the students.
2. To understand the students with the structural issues and problems within the society.
3. To make the students understand the various social problems like domestic violence, child abuse, youth unrest, corruption etc.

व्याकरण के माध्यम से ही सर्जनात्मकता को सफल बनाया जा सकता है अतः पाठ्यक्रम में समास, कारक, विरामचिन्ह, वाक्यों को कैसे शुद्ध किया जा सकता आदि जानकारी प्राप्त कर सकते हैं।

द्वितीय सत्र (सम्प्रेषण कौशल)

कोर्स कोड UHILTS-202
क्रेडिट - 02

'सम्प्रेषण कौशल' शीर्षक के अन्तर्गत जिस पाठ्यक्रम को रखा गया है उसके आधार पर विद्यार्थी अपने भविष्य की दिशा निर्धारित कर सकते हैं। पाठ्यक्रम अनेक कार्यालयों में कार्य व्यवहार के अतिरिक्त मीडिया-लेखन की जानकारी भी विद्यार्थियों को प्रदान करवाता है।

तृतीय सत्र (हिन्दी भाषा)

कोर्स कोड-UHILTC-301 शीर्षक - गद्य विधाएं एवं हिन्दी भाषा
क्रेडिट - 06

इस सत्र के हिन्दी विद्यार्थी चूंकि काव्य और कहानी के विषय में पढ़ चुके होते हैं अतः तृतीय सत्र में वे हिन्दी साहित्य की अन्य गद्य विधाओं का अध्ययन करते हैं। इसके अन्तर्गत वे रेखाचित्र, संस्मरण, निबंध, व्यंग्य आदि विधाओं का परिचय प्राप्त कर इन विधाओं की महत्वपूर्ण रचनाओं का पाठ करते हैं। साथ ही विद्यार्थी हिन्दी भाषा के उद्भव व विकास के अतिरिक्त अनेक लिपियों के इतिहास की भी जानकारी प्राप्त कर हिन्दी भाषा के ज्ञान को समृद्ध करते हैं।

तृतीय सत्र (कौशल वृद्धि)

कोर्स कोड - 302
क्रेडिट - 04
शीर्षक - भाषा शिक्षण

चूंकि यह कोर्स हिन्दीतर विद्यार्थी भी पढ़ते हैं अतः उन्हीं को ध्यान रखते हुए हिन्दी भाषा संबंधी महत्वपूर्ण विषय, जैसे - भाषा क्या है, उसके विविध रूप कौन से हैं, हिन्दी भाषा के सामने, कौन, सी समस्याएं हैं, हिन्दी भाषा शिक्षण के महत्व के साथ-साथ भाषण कला कौशल, लेखन कौशल, पठन कला, व्याकरण, अनुवाद विधि जैसे महत्वपूर्ण विषयों से भी विद्यार्थियों को अवगत करवाकर

हिन्दी पठ-पठन की कला को समृद्ध किया जाता है।

चतुर्थ सत्र (हिन्दी भाषा)

कोर्स कोड - UHILTC-401 शीर्षक - नाटक, एकांकी एवं व्याकरण
क्रेडिट - 06

शीर्षक-नाटक, एकांकी एवं व्याकरण के अन्तर्गत हिन्दी साहित्य के विद्यार्थी उपर्युक्त वर्णित गद्यविधाओं की गहन जानकारी प्राप्त कर अपनी समझ को विकसित करते हैं और हिन्दी साहित्य-जगत की महत्वपूर्ण विधा एकांकी तथा नाटक की महत्वपूर्ण रचनाओं का पाठ-पठन कर अपने ज्ञान को समृद्ध करते हैं व्याकरणिक इकाई के अन्तर्गत शब्द शक्तियों तथा छन्दों का अभ्यास कर अपनी लेखन कला को विकसित करते हैं।

चतुर्थ सत्र (कौशल वृद्धि)

कोर्स कोड - UHILTS-402 शीर्षक - अनुवाद विज्ञान
क्रेडिट - 04

'अनुवाद विज्ञान' शीर्षक के माध्यम से विद्यार्थी अनुवाद संबंधी महत्वपूर्ण जानकारी प्राप्त करते हैं। हिन्दी साहित्य के अतिरिक्त अन्य विद्यार्थी भी इसका (अनुवादविज्ञान) लाभ उठाते हैं। अनुवाद विज्ञान के गहन अध्ययन से इस क्षेत्र में विद्यार्थी अपनी जीविका भी अर्जित कर सकते हैं।

पंचम सत्र Ability Enhancement Compulsory Course (AECC)

कोर्स कोड-UHIJGSS01 शीर्षक - कम्प्यूटर शिक्षण
क्रेडिट - 02

वर्तमान समय में जब भारत में डिजिटल इण्डिया की शुरुआत हो चुकी है तो ऐसे समय में कम्प्यूटर शिक्षण का महत्व और भी अधिक बढ़ जाता है। कम्प्यूटर तथा इंटरनेट के अलावा आज किसी भी कार्य को सम्पन्न नहीं किया जा सकता अतः इसी आवश्यकता को ध्यान में रखते हुए पंचम सत्र में 'कम्प्यूटर शिक्षण' से जुड़े विद्यार्थी कम्प्यूटर का बुनियादी ज्ञान हासिल कर अपने कार्य के लिए इसका/कम्प्यूटर का प्रयोग कर सकते हैं।

पंचम सत्र - Skill Enhancement Course

शीर्षक - संभाषण कला

कोर्स कोड - UHILTS - 502

क्रेडिट - 04

इस कोर्स का चयन करके विद्यार्थी स्वयं को इतना सक्षम बना लेता है कि वह एक अच्छा पाठक, एक अच्छा वक्ता बन जाता है। सामान्य जन या बुद्धिजीवी वर्ग पर अपने संभाषण कला का प्रभाव छोड़ सकता है। साथ ही इस कोर्स में वर्णित पाठ्यक्रम विद्यार्थियों में Leadership (नेतृत्व) का भाव भी उत्पन्न / जागृत करता है।

पंचम सत्र (हिन्दी भाषा)

शीर्षक - कथाकार प्रेमचन्द

कोर्स कोड UHILTE - 503

क्रेडिट - 06

इस कोर्स के पाठ्यक्रम का अध्ययन करने वाला हिन्दी साहित्य का विद्यार्थी हिन्दी कथासम्राट प्रेमचन्द के साहित्य का गहन अध्ययन कर उनकी सामाजिक प्रासंगिकता से परिचित होता है। समाज के कटु यथार्थ की पोल खोलने वाला उनका साहित्य, विद्यार्थियों में प्रेरणा जागृत कर सामाजिक बदलाव में उनकी भूमिका का भी निर्धारण करता है।

षष्ठ सत्र Ability Enhancement Course (AECC)

कोर्स कोड - UHILTS - 601

क्रेडिट - 02

शीर्षक - प्रयोजनमूलक हिन्दी

प्रयोजनमूलक हिन्दी पढ़कर विद्यार्थी हिन्दी की विभिन्न क्षेत्रों में उपयोगिता से अवगत होता है। विद्यार्थी मात्र हिन्दी भाषा को ही अपनी जीविका अर्जन करने का माध्यम बनाने के अतिरिक्त विभिन्न कार्यालयों में विशिष्ट हिन्दी का प्रयोग करके अपने कार्यक्षेत्र का विस्तार कर सकता है। और अपना प्रभाव अन्य अधिकारियों पर भी बना सकता है।

षष्ठ सत्र - Skill Enhancement Course (SEC)

कोर्स कोड- UHILTS-602 शीर्षक-पत्रकारिता
क्रेडिट - 04

पत्रकारिता के क्षेत्र में रुचि रखने वाले विद्यार्थी इस कोर्स के पाठ्यक्रम से लाभान्वित हो सकते हैं। इस पाठ्यक्रम (कोर्स का पाठ्यक्रम) का अध्ययन करके विद्यार्थी मीडिया जगत में अपनी पैठ बना सकते हैं क्योंकि मीडिया-क्षेत्र की तमाम जानकारियां इस कोर्स के पाठ्यक्रम के गहन अध्ययन से प्राप्त की जा सकती हैं।

षष्ठ सत्र (हिन्दी भाषा) Discipline Specific Elective (DSE)

कोर्स कोड- UHILTE-603 शीर्षक-नाटककार मोहन राकेश
क्रेडिट - 06

शीर्षक से ही स्पष्ट है कि इससे जुड़े विद्यार्थी नाटक में रुचि रखते हुए महान नाटककार की रचना (नाटक) पढ़कर नाटक के क्षेत्र में अपना योगदान दे सकते हैं।

कुल मिलाकर देखा जाए तो संपूर्ण पाठ्यक्रम बहुत ही अधिक विस्तृत है जिसका लक्ष्य विद्यार्थियों को न केवल परीक्षाओं के लिए तैयार करना है अपितु इसे पढ़कर वे अपनी रुचि के अनुसार भविष्य में अपने कार्य क्षेत्र का चयन करके लाभान्वित हो सकते हैं। साहित्य की किसी भी विधा को आधार बनाकर शोधकार्य कर सकते हैं, साथ ही विविध विषयों के अध्ययन से विद्यार्थी हिन्दी में संभावनाएं भी तलाश सकते हैं यानी हिन्दी को अपनी जीविका-अर्जन का माध्यम बनाकर अपनी दिशा निर्धारित कर सकते हैं।

बी.ए. हिन्दी प्रथम सत्र (हिन्दी भाषा)

कोर्स कोड- UHILTC-101 शीर्षक - काव्य एवं व्याकरण
क्रेडेट - 06

बी.ए. हिन्दी प्रथम सत्र के पाठ्यक्रम का शीर्षक 'काव्य एवं व्याकरण है'। इसके माध्यम से हिन्दी साहित्य के विद्यार्थी हिन्दी साहित्य जगत् के महत्वपूर्ण कवियों से न केवल परिचित ही होते हैं अपितु उनके साहित्य से प्रेरणा ग्रहण कर सामाजिक बदलाव में महत्वपूर्ण भूमिका भी निभा सकते हैं। व्याकरण के माध्यम से अपनी हिन्दी को परिमार्जित तथा समृद्ध कर सकते हैं। साहित्य सर्जन के लिए व्याकरण आवश्यक भी है

~~द्वितीय सत्र~~

प्रथम सत्र (सम्प्रेषण कौशल)

कोर्स कोड- UHILTS-102
क्रेडेट - 02

'सम्प्रेषण कौशल' के अध्ययन से विद्यार्थी अपने कला कौशल को समृद्ध कर सकते हैं। सम्प्रेषण कौशल के अन्तर्गत अनेक ऐसे विषय हैं जैसे- सम्वाद लेखन, विज्ञापन लेखन, सार लेखन, सार्वजनिक सूचना आदि। जो विद्यार्थियों को परीक्षा के अतिरिक्त भविष्य में जीविका अर्जन करने के लिए भी तैयार करते हैं। इस विषय का चुनाव हिन्दी के अलावा अन्य विषय से संबंधित विद्यार्थी भी कर सकते हैं और अपनी कला कौशल को समृद्ध कर सकते हैं।

द्वितीय सत्र (हिन्दी भाषा)

शीर्षक - कहानी एवं व्याकरण

कोर्स कोड -UHILTC-201
क्रेडेट - 06

जहां प्रथम सत्र के विद्यार्थी हिन्दी की पद्य विधा का पठन-पाठन करते हैं, वहीं द्वितीय सत्र में विद्यार्थी हिन्दी की महत्वपूर्ण तथा चर्चित विधा कहानी का पठन पाठ-पठन करते हैं। कहानी लिखने के लिए कौन से तत्व अनिवार्य हैं तथा हिन्दी की श्रेष्ठ कहानियों के पाठ-पठन से विद्यार्थी भविष्य में स्वयं भी अच्छी कहानी लेखन की प्रक्रिया सीखते हैं।

संस्कृतपाठ्यक्रमीयाः परिणामाः

Sem-I USATC-101

1) संस्कृतकथासाहित्यस्य परिचयकारणम् येन छात्राः रुच्या संस्कृतं पठेयुः ।
2) पञ्चतन्त्रोक्तकथानां माध्यमेन छात्रेषु सरल-सरल-संस्कृतशब्दानां वाक्यानाञ्च परिचयकारणम् ।
3) शब्दरूप-धातुरूप-सन्धीनाञ्च सामान्यपरिचयकारणम् ।

Sem II USATC-201

1) नाट्यशास्त्रस्य सामान्यपरिचयकारणम् ।
2) महाकविभासकृत "स्वप्नवासवदत्तम्" नाटकमाध्यमेन संस्कृते नाटकविधायाः परिचयकारणम् ।
3) नाटकेन छात्राः रसमनुभूय नाटकस्य अध्ययने समुत्सुकाः भवेयुः । अनेन छात्रेषु भाषण-लेखन-श्रवणकौशलानां विकासो भवति ।
4) नाटके प्रतिपादितरसानां, नायिकानायकयोः सामान्यलक्षणं तद्भेदानाञ्च परिचयकारणम् ।

Sem III USATC-301 (Core)

1) छात्रेषु गद्यपद्यविधयोः ज्ञानकारणम् ।
2) संस्कृतं मौखिकरूपेण व्यक्तकरणस्य कौशलम् ।
3) संस्कृतस्य नीतिश्लोकानां ज्ञानम् । अनेन छात्राणां संस्कृते पद्यविधायाः नीतिशिक्षायाः ज्ञानमपि स्यात् ।
4) संस्कृते गद्यविधायाः परिचयकारणम् । लघु-२ गद्यानां माध्यमेन अनुवादस्य विकासकरणञ्च ।
5) श्रीरामगीतायाः अध्ययनेन मूल्याधारितशिक्षायाः ज्ञानं छात्राः प्राप्स्यन्ति । शिक्षेयं भारतीयसंस्कृतेः मूलमस्ति ।

Sem III (Skill) USATS-302

1) ज्योतिषशास्त्रस्य सामान्यपरिचयकारणम् ।
2) जन्मकुण्डल्याः सामान्यपरिचयः, नवग्रहाणां परिचयः, त्रिस्कन्धज्योतिषशास्त्रस्य उद्भवविकासश्च ।
3) पाठ्यक्रमेणानेन छात्राः ज्योतिषशास्त्रीय मूलभूत तत्त्वानां ज्ञानं प्राप्स्यन्ति ।

Sem IV USATC-401 (Core)

१) श्रीमद्भगवद्गीतायाः सामान्यपरिचयः । अनेन छात्राणाम् आध्यात्मिकविकासो भवति ।
२) भाषाविज्ञानस्य सामान्यपरिचयकारणम् ।
३) कृदन्तप्रत्यय-उपपदविभक्ति-वाच्यपरिवर्तनानां च ज्ञानकारणम् ।
४) संस्कृते निबन्धलेखनकौशलस्य क्षमतोत्पादनम् ।

Sem IV (Skill) USATS-402

१) भारतीयवास्तुशास्त्रस्य सामान्यपरिचयकारणम् ।
२) वास्तुशास्त्रीयविविधविधविषयाणां ज्ञानकारणम् । यथा - भूमिपरीक्षा प्रभृतयः ।

Sem V USATE-501 (Core)

१) छात्रेषु लौकिकसंस्कृतसाहित्यस्य इतिहासस्य ज्ञानप्रदानम् ।
२) रामायण-महाभारतकालीन सामाजिकव्यवस्था, तयोः सामान्यपरिचयश्च ।
३) "रामादिवद् वर्तितव्यं न रावणादिवदिति" शिक्षाप्रदानम् ।
४) पुराणपरिचयः
५) गीतिकाव्य-कथासाहित्य-ऐतिहासिककाव्यानां च उद्गमः
६) चम्पूकाव्यस्य सामान्यपरिचयः ।

Sem V (Generic) USATE-501

1) लौकिकसंस्कृतसाहित्यस्य परिचयकारणम् ।
2) व्याकरणस्य सामान्यपरिचयकारणम् ।
3) रामायण-महाभारतयोः सामान्यपरिचयकारणम् ।
4) पुराणपरिचय कारणम् ।
5) शब्दरूप - धातुरूप - सन्धीनाञ्च परिचयकारणम् ।

Sem V (Skill) USATS-503

1) आयुर्वेदस्य सामान्यपरिचयः ।
2) ऋतुचर्या ।
3) आधुनिकयुगे आयुर्वेदस्य प्रासङ्गिकता ।

Sem VI USATE-601 (Core)

1) ऋग्वेदीयसूक्तानां सामान्यपरिचयकारणम् ।
2) विविधवैदिकदेवानां परिचयकारणम् ।
3) अथर्ववेदीय पृथ्वीसूक्तस्य गानकारणम् ।
4) वेदानां सामान्यपरिचयकारणम् ।
5) वैदिकशिक्षामाध्यमेन छात्राणां चारित्रिकविकासकरणम् ।

Sem VI (Generic) USATE - 602

1) कालिदास - भास - शूद्रकादीनां संस्कृत महाकवीनां परिचय-प्रदानम् ।
2) विविधसंस्कृतनाटकानां परिचयकारणम् ।
3) कालिदासकृत 'मालविकाग्निमित्रम्' नाटकस्य ज्ञानकारणम् ।
4) नाटकस्य मौलिकतत्त्वानां परिचयप्रदानम् ।

Sem VI (Skill) USATS - 603

1) योगशास्त्रस्य सामान्यपरिचयकारणम् । योगशास्त्रस्य उद्भवविकासश्च ।
2) पातञ्जलयोगप्रदीपोक्त - यम - नियम - आसन - प्राणायाम - प्रत्याहार - धारणा - ध्यान - समाधीनाम् अष्टाङ्गयोगानां सामान्यपरिचयकारणम् ।
3) वर्तमानयुगे योगस्य प्रासङ्गिकतायाः प्रतिपादनम् ।
4) योगशास्त्रमाध्यमेन छात्राणाम् आधिभौतिक - आधिदैविक - आध्यात्मिक विकासकरणम् ।

Dogri

1. Course No. UDGTC-101 (Semester 1)

1. आधुनिक डोगरी कविता भाग – I
2. नाटक नाता जित्तो प्रो० राम नाथ शास्त्री दुंदा।

इस कोर्स च वक्ख - वक्ख कविताएं दे माध्यम राहें समाजिक कुरीतियें, धार्मिक आस्थां, जानि के मनुक्खी जीवन दे हर पैहलू बारे जानकारी हासल होंदी ऐ। इनें रचनाएं दे माध्यम राहें मनुक्खी जीवन ते संस्कारें दा पता चलदा ऐ।
कवियें ते रचनाकारें दे विचारें गी आम लोकें तगर पजाया जंदा ऐ। डुग्गर प्रदेश दे महान नायकें ते उंदे बलिदानें बारै ज्ञान हासल होंदा ऐ।

2. Course No. UDGTS102 डोगरी भाशा

इस कोर्स दे माध्यम राहें छात्र अपनी मां बोल्ली इस दे माध्यम राहें ... बरतोने आह्ले गी पन्छानदे न। डोगरी बोल्ली च बरतोने आह्ले तत्सम, तद्भव, देसी, विदेशी शब्दें दी जानकारी हासल करदे न। पत्र लेखन राहें चिट्ठी लिखने दा सेही पता चलदा ऐ। कन्ने गी अनुवाद कौशल गी बढ़ावा मिलदा ऐ।

3. Course No. UDGTC-201 (Semester II)

1. उपन्यास
2. निबंध

इस कोर्स दे माध्यम राहें समाज च फैली दी बुराइयें बारै लोकें गी सचेत कीता जंदा ऐ। परिवार, ग्रां, समाज, राज्य ते देश दी उन्नति आस्तै जागरूकता दा होना बड़ा जरूरी ऐ ते ओह् सिर्फ शिक्षा ते मेहनत कन्नै गै होई सकदी ऐ।

निबंधें रहें अस लेखक दे अनुभवे गी अपने जीवन च
ढाली सकने आं। साहित्यक रचना साढ़े जीवन च
अंधविश्वासें गी बी खत्म करदियां न।

4. Course No. UDGIS-201 भाशा ते लिपि

इस कोंस दे माध्यम रहें छात्र डोगरी भाशा दी
अपनी लिपि बारे जानी सकदे न। पुरानी डोगरी लिपि
दे बारे रूपांतरित लिपि बी जानदे न। डोगरी लिपि
दे मुंढ ते विकास दा बी पता चलदा ऐ।
डोगरी भाशा दे रूप मात्रा, सुराघात, बलाघात, अनुनासिकता,
विभक्ति आदि दा बी ग्यान हासल होंदा ऐ। डोगरी भाशा
दियां विशेशतां दा बी पता चलदा ऐ।

5. Course No. UDGTC-301 डोगरी कविता (Semester III)

इस कोंस दे माध्यम रहें साहित्यकारें दी रचनाएं जमां
उंदें विचारें कन्नै वाकफ होंदे छुं। कवियें ते लखारियें
दे व्यक्तिगत जीवन बारे जानने दा बी मौका मिलदा ऐ।
साहित्य दे रूप बारे जानकारी हासल होंदी ऐ। साहित्य
दी किस्में गी बी विस्तार च जानेआं।

6. Course Code. UDGIS302 अनुवाद

इस कोंस रहें अस अनुवाद दा अर्थ, परिभाशा, शैलियें ते
प्रकारें बारे जानकारी हासल करने आं। साहित्य दी कोई
बी विधा दा अनुवाद करने दी सिखमत दिती जंदी ऐ।
अनुवादक दी समस्याएं गी बी दूर करने दा पूरा ग्यान होंदा ऐ।
दफ्तरें दे कौशल बी सिखाने आस्ते जां कौशल गी
उभारने आस्ते एह इक बड़ा कारगर कोंस ऐ।

7. Course No. UDGTC-401 Dogri Short-story (Semester IV)

इस कौर्स दे माध्यम राहें छात्र कहानीकारें दे विचारें, अनुभवें गी उंदी रचनाएं दे माध्यमें राहें ग्रैहण करदे न। छात्र कहानी विधा दे रूप बारै जानकारी हासल करदे न। डोगरी कहानी शुरूआत ते कहानी दे तत्वें दी जानकारी मिलदी ऐ। जेहड़ा छात्रें गी कहानी लिखने आस्तै प्रेरित करदा ऐ।

8. Course Code. UDGTS-402 Journalism.

इस कौर्स दे माध्यम राहें छात्रें च पत्रकार बनने दे कौशल गी उभारेआ जंदा ऐ। पत्रकार बनने आस्तै बुनियादी ध्रुवें दी जानकारी दित्ती जंदी ऐ। समाचार दी परिभाषा, तत्व, महत्व, प्रकारें दी जानकारी मुहेआ कराई जंदी ऐ। समाचारें दा वर्गीकरण कीसे समाचारें दी व्याख्यात्मक जानकारी दित्ती जंदी ऐ। इलैक्ट्रानिक माध्यम राहें खबरें गी परतियै लिखना जां खबर बनाना सिखाया जंदा ऐ। छात्रें गी अभ्यास आस्तै बी प्रेरित कीता जंदा ऐ।

9. Course Code UDGTS 501 डोगरी ध्वनि विचार (Semester V)

इस कौर्स राहें डोगरी भाशा दी ध्वनियें दा ज्ञान हासल होंदा ऐ। इनें ध्वनियें गी वर्गीकरण कीसे उच्चारण आस्तै बकाइदा समझेआ जंदा ऐ। इंदी उच्चारण स्थिति ते उच्चारण प्रयत्न दा बी ज्ञान कराया जंदा ऐ।

10. Course Code. UDGTS 502 डोगरी भाशा शिक्षण

इस कौर्स राहें छात्रें गी शिक्षण दा महत्व ते उद्देश्य स्पश्ट कीता जंदा ऐ। भाशा दा कौशल : बोलना, सुनना ते पढ़ना बी सखाया जंदा ऐ। लेखन ते उच्चारण सरबंधी समस्याएं गी बी दूर

कीता जंदा ऐ। भाशा शिक्षण दियाँ विधियाँ बी अपनाइयाँ जंदियाँ न। ते उंदियाँ विधियाँ दी अपनाइयाँ जंदियाँ न।

11. Course Code No. UDGTE – 503 डुग्गर संस्कृति

इस कोर्स राहें छात्रें गी संस्कृति दे बारे च जानकारी दित्ती जंदी ऐ। संस्कृति दी पच्छान कुसदे होई डुग्गर संस्कृति दियाँ विशेशताएं दी जानकारी दित्ती जंदी ऐ। डोगरा भूमि रेहदे लोक, लोकें दे काम रूजगार, कार-किरत ते आर्थिक अधार बी बांधे होंदे न। डुग्गर दे प्रसिद्ध मेले-पर्व-ध्यारें दी बी पूरी जानकारी हासल होंदी ऐ। डोगरा खानपान गी बी विशेश रूप च उभारेआ जंदा ऐ।

12. Course Code UDGTS-601 डोगरी वाक्य विश्लेशन (Semester VI)

इस कोर्स दे राहें छात्रें गी डोगरी भाशा दी वाक्य रचना दे भेदें दी जानकारी दित्ती जंदी ऐ। अर्थ दे अधार पर वाक्यें दा वर्गीकरण कीते उभारेआ जंदा ऐ। वाक्य दे रूप:- विराम योजना दा बी खास ज्ञान हासल होंदा ऐ। डोगरी रूप च डोगरी भाशा दी वाक्य-योजना दे हर धुरें दी जानकारी उपलब्ध कराई जंदी ऐ।

13. Course Code UDGTS-602 रचनात्मक लेखन

इस कोर्स दे अंतर्गत रचनात्मक लेखन दी अवधारणा, ते सिद्धांतें दा पता चलदा ऐ। लेखन दे खेतर च साहित्य, पत्रकारिता, विज्ञापन, बक्ख-2 गद्य अभिव्यक्तियें दा ज्ञान हासल होंदा ऐ। सूचना तंत्र आस्तै लेखन, प्रिंट माध्यम, फीचर-लेखन, यात्रा वृतांत, साक्षात्कार, पुस्तक-समीक्षा आदि दा ज्ञान हासल होंदा ऐ। इलैक्ट्रानिक माध्यमें- रेडियो ते टी०वी० बारै सपूरी जानकारी हासल होंदी ऐ। संचार दे आधुनिक माध्यमें – जिंयां फेसबुक, वटसऐप, ते ई-मेल दी जानकारी हासल होंदी ऐ।

4. Course Code - UDGTE-603 डोगरी सान्नेट ते नाटक

इस कोस दे माध्यम रोहें डोगरी साहित्य दी नाटक विधा बारे जानकारी मिलदी ऐ। इसदे रोहें नाटक दे तत्वें दी जानकारी हासल होंदी ऐ। इस कोस रोहें तुसां नें प्रचलत भांड प्रणाली दी इस मिसाल साहित्य रोहें हासल होंदी ऐ। वक्ख-2 साहित्यकारें दी रचनाएं ते जीवन बारे जानकारी हासल होंदी ऐ।