ANTHROPOLOGY

BA I^st Year

Course Outcomes:

*The students will be able to understand and apply the basic concepts like groups, institutions, organization and community in understanding of society and culture, contemporary role in the society, nuances of formulating definitions of some of the universals like family, marriage, kinship and gender in human society, familiar with the variation in primates and their behaviour and human evolution.

*Practical: The students will be able to understand and apply the basic concepts of Anthropometry,understand and apply the Instrumentation, scope of Somatometric and somatoscopy study.

BAII^nd Year

Course Outcomes

*The students will able to describe biological aspects of human and understand the methods of studying human evolution, distribution and characteristics of early hominids.

*The Course will explain the basic concepts prehistoric archaeology,understand the chronological and cultural determinants of Indian & European prehistory, geological characteristic evolution settlements and other complex cultures.

*The student will able to anthropological knowledge can be applied in developmental and welfare to the society.

*Practical: Student will be able to describe scope of craniometric study,understand the knowledge of bones and comparative skeletal study of apes and human.

*Student will be able to describe scope of Tools study, understand the use of material culture and comparative study and technological change.

BAIII^rd Year

Course Outcomes:

*The student able to describe structure and function of human genome, understand the use of inheritance pattern underlying genetic diseases, traits,genetic variation and application of human genetics.

*The student will come to know new fields in anthropology and their relevance in human life.Traditional Social Institutions of Indian Society in context of continuity and change.

*The student will be able to examine contemporary theoretical debates, critically analysis the process in anthropology and anthropological perspective on current issues and concerns.

*Students will be able to collect verbal as well as non verbal data, understand the data collection techniques, methods of preparation questionnaire and schedule to collect information and how to prepare a report on a given topic.

*This course will help students understand the problematic nature of the concepts of tribe and indigenous, understand the contemporary issues and challenges faced by the tribal's in India due to displacement, globalization etc.

*The students will learn about basic concept of computer, use of various techniques of data analysis through use of software.

*Practical: Student will be able to describe scope of Tools study, understand the use of material culture and comparative study and technological change.

*Student will be able to describe Blood groups and detmatoglyphics study, understand the blood groups, palm and finger prints identification and its forensic importance.

*The students will learn about how to do fieldwork, use of various techniques of data collection, classification, interpretation and presentation of data, writing a dissertation, selecting chapter headings and subheadings, writing references, footnotes, etc.

ANTHROPOLOGY

Programme Outcomes (POs):

*This course will provide the student the concept of anthropology ie.Social-cultural,Physical, Prehistoric and linguistic anthropology.

*It will help in the developing analytical and critical thinking based on themes issues of anthropology.

*This study will be able to analyse the problems of present and past culture, physical change, evolution etc.

*The student will be abler to find out the comparative study present and past of human being(physical, social, linguistic, and prehistorical).

*The student will find out the possible measurement and comparison with community.

*The student will be able to understand the applied and interdisciplinary aspects of Anthropology.

*The student able to find out problems and give the possible solution.

*The student will able to design and conduct research projects in Anthropoplo0gy.

*The student be learn how to use the various research techniques in the field.

*The student will be equipped with various statistical techniques and their uses.

*The student will learn how prepare the dissertation and how to write the report.

*The student will able to find out an original research questions appropriate for the anthropological analysis.

*The student will be able to legitimate anthropological methodology.

*The student of anthropology will be capable to observe the problems of area/ regions through the field experience and help to solve their problems.

*The student of anthropology will be prepare themselves for professional carrier in various fields as a writer, reporter, planner, social worker, guide, researcher, advisor etc.

*Through this course student able to prepare to themselves for post graduate further Ph.D. Programms in Anthropology.

*The student will able to relate and use Anthropological knowledge and its practical aspects in their life.

B.Ed. PROGRAMME OUTCOME

01 Prepare teachers from upper primary to secondary level (Class VI to XII th)
02To Understand the nature, purpose,Influencing factors and problems to secondary education in contemporary issues.
03 Become self-regulated learners, develop professional commitment and work as responsible professionals.
04 Forster skills and attitude for involving the community as an educational partner and use community resource in education.
05 Use varied modes of learning engagement in accordance with the requirements.
06 To develop teaching competency communication & pedagogical skills through internship.
07 Forster psychological attitude towards student & develop teamwork abilities.
08 Understand aesthetic sensibility and use of art and understand self and as a form of self-expression for enhancing creativity.
09 Plan and organize classroom learner centered techniques of instruction and inclusive education.
10 Understand the role of education in promoting national & international values.

COURSE OUTCOME

B. Ed. Ist YEAR
Course -01 Childhood and growing up

01 Understand educational psychology and different stages of growth and development in context of diverse community.
02 Understand child development and adolescence and their theories and effecting factors.
03 Understand personality, its measurement theories and mental health & hygiene.

B.Ed. Ist YEAR
Course -02 Contemporary India & Education

01 Understand contemporary India and education.
02 Understand the classroom as a social context.
03 Comprehend and analysis of human and child rights.
04 Know & learn about policy debates overtime the implementation of policies shaping of school education.

B.Ed. Ist YEAR
Course -04 LANGUAGE ACROSS THE CURICULUM

01 Understand the nature of reading comprehension and writing in specific content areas.
02 Understand language diversity sense of writing and learning, reading and understanding.
03 Comprehend the nature of expository text and narrative texts.
04 Comprehend the nature & strategies of classroom discourse & function of language.

B. ED Ist YEAR
Course -05 UNDARSTANDING DISCIPLINCS

01 Understand notion types and approaches of knowledge, disciplines and subject in social, political and intellectual context.
02 Reflect on the nature and role of disciplinary knowledge and notion of knowledge.
03 Understand theory of subject content, selection of content, curriculum, syllabus and textbook.

B.Ed Ist YEAR
Course -08 KNOWLEDGE & CURICULUM

01 Understand the basics of modern child centered education.
02 Know & understand the perspective of education of Gandhi, Tagore, Dewey, Plato and Buber in relation to activity, discovery and dialogue & man making education of swami Vivekanand.
03 Comprehend the curriculum a process & practice & curriculum evaluation.
04 Understand education in relation of modern values human resource development.
05 Understand the role of teacher to inculcate the spirit of secularism, nationalism & universalism.

B. ED Ist YEAR
Course -09 ASSESSMENT FOR LEARNING

01 Understand meaning & purpose of assessment & its role.
02 Comprehend assessment, evaluation test, examination measurement, continuous & comprehensive assessment & grading.
03 Understand psycho-social & political dimensions of assessment & dynamic assessment processes.
04 Understand critical role of assessment for more confident & creative learner & enhancing learner.

Course -07 PEDAGOGY OF TEACHING SUBJECT (TWO SUBJECT)

01 Understand the teaching approaches regarding teaching strategies to deliver the content in class to enhance the expected learning outcomes.
02 Enable the pupil teacher to clearly understand what they should focus on during a classroom interaction.
03 Understand the basic knowledge and skill to analysis and transact the curriculum effectively.
04 Enhance the skill to prepare TLM according to requirement.
05 Develop the skill to prepare and execute the lesson plan in different subject areas.
06 To understand function of language as a tool in different context.

B.ED II YEAR
Course -03 LEARNING & TEACHING

01 Student will be able to comprehend the process of teaching & learning.
02 Reflect the concept & process of effective teaching & construction of knowledge.
03 Development of professional ethics and professionalism.
04 Comprehension of relationship of cognitive, social & emotional development with learning.

B.ED II YEAR
Course -06 GENDER, SCHOOL & SOCIETY

01 Student will be able to understand the concept of gender & gendered roles in society.
02 Reflect on the issues & strategies of empowerment of women.
03 Respond gender & sexuality, sexual harassment & abuse & safety at school & home.
04 Identification of specific areas related to gender inequality.

B.ED II YEAR
Course - 10 CREATING AN INCLUSIVE SCHOOL

01 Understand disability & identify the barriers to learning.
02 Comprehend benefits of inclusion and meaning & significance of inclusive education.
03 Students will be aware with various commissions & committees towards teacher preparation for inclusive education.
04 Identification & utilization of resources for promoting inclusive education.

B. ED II YEAR
Course -11 EDUCATION FOR SUSTAINABLE DEVELOPMENT

01 Comprehend the importance of sustainable development.
02 Understand the human resource development & entrepreneurship development.
03 Comprehend value, life skill & skill development.
04 Comprehend the management of time, stress & conflict.

EPC - 01,02, 03, 04

01 Development of reading, writing, reflecting, content analysis.
02 Understand self and as a form of self expression for enhancing creativity.
03 Develop aesthetic sensibility and use of art of teaching and learning.
04 Understand the role and performance of drama in education and social context.
05 To enable the pupil teacher to recognize and understand & use of ICT as an effective
learning tool.
06 Hand on experience in familiarity with computer.
07 To develop effective communicative skill with ability to listen and observe.

08 To understand philosophy of yoga its role in well being.

SCHOOL INTERNSHIP

01 Enhance the skill of observation of classroom interaction and function of school in totality.
02 Understand the concept and execution of micro teaching and lesson plan.
03 Develop the skill to prepare reports on school plant & school records.
04 Develop the skill to prepare reports TLM & presentation of it .
05 Understand the need of action research project plan & execution of it.
06 Understand the role of community work with active involvement.

Program Outcomes Of BBA:

PO1.Acquiring Conceptual Clarity of Various Functional Areas and Ability to analyze various functional issues affecting the organization.

PO2.Demonstrating ability to evolve strategies for organizational benefits.

PO3.Analysis and interpretation of the data which is used in Decision Making.

PO5.Demonstrate the ability to develop models / frameworks to reflect critically on specific business contexts.

Course Outcomes :

BBA IST SEM

COURSE CODE :101 Principles and Practices of management

CO1: Understand the concept of Management, its levels and functions.

CO2: Determine the managerial roles and skills, with special attention to managerial responsibility for effective and efficient achievement of goals.

COURSE CODE :102 Computer Applications in Business

CO1: The student will understand the basic working of computers with working with MS Office.

CO2: They will come to know concept of database management system.

COURSE CODE :103 Business Communication

CO1: Understanding the basic fundamentals of English Grammar required for effective communication.

CO2: Enhancing English vocabulary & Improving English Speaking Skills (Accent, Intonation & pronunciation).

COURSE CODE :104 Financial Accounting

Demonstrate a good understanding the concept of double entry system and principles of accounting.

CO2: Apply critical thinking and problem solving skill for preparation of trading and profit and loss account and balance sheet of sole trader.

COURSE CODE :105 Business Economics

CO1: Develop Understanding to take decisions in different situation using theory and concept.

CO2: Analyzing consumer behavior and their utility for their consumption through utility, consumer equilibrium, indifference curve & demand concept.

BBA IIND SEM

COURSE CODE :201Marketing Management

CO1: Understand the basic concepts, importance of marketing and marketing environment,consumer behaviour and market segmentation.

CO2:Analyze the concept of product, branding and product life cycle, pricing and distribution

COURSE CODE :202 Human Resource Management

CO1: Develop an understanding of the concepts of HRM and its importance in the organization.

CO2: Integrate the knowledge of HR concepts to take the best managerial decisions,employee recruitment, selection, appraisal processes in an organization.

COURSE CODE :203 Business Environment

CO1: Understand the concept, factors of the business environment and five year plans of India.
CO2: Examine the concept and role of social environment, ethics and corporate governance and government policies, institutions.
COURSE CODE :204 Productions Management
COURSE OUTCOMES: CO1: Analyze the Network Design and Logistics Management of a firm CO2: Apply the concepts of Vendor Management. CO3: Understand the Inventory Management concepts. CO4: Learn and understand the key issues of IT in SCM.
COURSE CODE :205 Business Finance
COURSE OUTCOMES: CO1: Demonstrate a good understanding of concepts, goals and functions of financial management. CO2: Analyze the pattern of fund requirement and associated risk through financial planning.
BBA IIIRD SEM
COURSE CODE :301 International Business
CO1 Understanding cultural and political environment in the light of International trade, government intervention in the forms of trade regulation?
CO2 Understanding major trading blocks: EU, NAFTA, ASEAN, SAARC.
COURSE CODE :302 Organizational Behaviour
COURSE OUTCOMES: CO1: Become effective leaders by addressing the human side of enterprise. CO2: Understand individual behavior in organizations, including attitudes, job satisfaction, emotions, personality, values, perception, decision making, and motivational theories.
COURSE CODE :303 Business Law
COURSE OUTCOMES: CO1: Students will understand of the concepts Company Law.
CO2: They will come to know the Process of formation and registration of company.
COURSE CODE :304 Accounting For Management
CO1: Acquaint with the fundamentals principles of management accounting.
CO2: Prepare; analyze and interpret financial statements.
COURSE CODE :305 Quantitative Analysis
CO-1. Understand the key terminologies, concepts, tools and techniques of Quantitative techniques. CO-2. Calculate and interpret the simple regression equation for a set of data..
BBA IVTH SEM
COURSE CODE :401 Company Law
CO1: Will become aware of law related to sales of goods, the unpaid seller CO2: Understand about creation and termination of the contract of agency
COURSE CODE :402 Research Methodlogy
CO1. Understand the meaning of statistical terms used in business statistics. CO2. Analyze statistical data using measures of central tendency, dispersion and skewness.
COURSE CODE :403 Logistics Management
CO1 Understand Framework of the Supply Chain Management, Value chain and Value delivery system of Supply chain Management CO2 Gain knowledge on Integrated Logistics
COURSE CODE :404 Marketing Of Services
CO1: Students will be able to learn growth and importance of services and basics of service.
CO2: Students will be able to learn marketing mix in service marketing and its
COURSE CODE :405 Consumer Behaviour

CO1: Discuss the rationale for studying consumer behavior. CO2: Identify and explain factors that influence consumer behavior inclusive of society and culture and demonstrate how knowledge of consumer behavior can be applied to marketing.

BBA VTH SEM

COURSE CODE :501 Business Policy & Strategy Management

CO1: design, deploy and evaluate business strategies.

CO2: conduct environmental scanning using different methods

COURSE CODE :502 Entrepreneurship And Small Business

CO1: Define the concepts related to entrepreneurship: entrepreneur, functions, development programs, motivation; rural and small scale enterprise. CO2: Explain the concepts related to entrepreneurship: entrepreneur, functions, development programs, motivation; rural and small scale enterprise.

COURSE CODE :503 Project Presentation & Seminar

COURSE CODE : 504(M1) Customers Relation Management

CO1. Apply the concept of CRM, the benefits delivered by CRM, the contexts in which it is used, the technologies that are deployed and how it can be implemented.

CO2. Implement how CRM practices and technologies enhance the achievement of marketing, sales and service .

COURSE CODE : 504(M2) Marketing Communication and Advertising

CO1: Understand needs and importance of advertising, models of advertising and required planning framework for promotional strategy. CO2: Analyze about the target audience, advertising media and its effectiveness

COURSE CODE : 504(H1) Industrial Relations

CO1: Understand the concepts of Trade Unions, Social Security, Labour Welfare and Industrial Relations. CO2: Illustrate the applicability of concepts in various types of organizations.

COURSE CODE : 504(H2) Training & Development

CO 1:- Remember the concepts of training, need for assessment and evaluation in human Electives (Any 1) HR Audit CO 2:- Understand the process and techniques involved in training. Employee Relations, Labour Laws and Alternate Dispute Resolution

COURSE CODE : 504(F1) Banking & Insurance

CO1: Demonstrate a good understanding of the Banking system, their challenges and functions. CO2: Analyze critically the role of RBI , its function s and schemes in India

COURSE CODE : 504(F2) Financial Institutions & Markets

CO1: Understanding the concepts, structure, functioning and theories related to financial markets, institutions and services CO2: Analyzing the different types of financial markets and the product traded therein.

BBA 6TH SEM

COURSE CODE : 601 Management Information System

CO1: Students will be able to understand the leadership role of Management Information systems in achieving business competitive advantage through informed decision making.

CO2: Student will be able to analyze and synthesize business information and systems to facilitate evaluation of strategic alternatives.

COURSE CODE : 602 :Project Management

CO1: understanding the relevance project appraisal techniques, financial structuring and financing alternative identification of a project, feasibility analysis including market,

technical and financial appraisal of a project and the elements of social cost benefit analysis.
CO2: applying technology tools for communication, collaboration, information management, and decision support and appraisal techniques for evaluating live projects

COURSE CODE : 603 Viva Voce

COURSE CODE : 604(M1) Industrial Marketing

CO1Be able to understand and analyze how companies create and deliver value to suppliers, intermediaries and new and existing customers.

CO2 Can explain and analyze buying- and selling processes between firms.

COURSE CODE : 605(M2) Rural Marketing

Co1- Develop understanding of issues in rural markets. Co2- Categorize issues in rural markets

COURSE CODE : 604(H1) Human Resource Planning & Development

CO1: Understand the HRD concepts, evolution and its activity areas. CO2: Analyze and design HRD process.

COURSE CODE : 604(H2) Business Ethics

CO1: Comprehend the concept of business ethics and reasons of unethical business practices.
CO2: Exhibit a relationship between business ethics and the Changing Environment.

COURSE CODE : 604(F1) International Financial Management

CO1: Understanding international integration of finance and analyzing various theories of international trade. CO2: Learning basic theorems of exchange rate determination.

COURSE CODE : 605(F2) Management Of Financial Services

CO1: Understanding various concepts of Merchant Banking Services. CO 2: Learning different terminologies and stages involved in issue management.

4- Aquintannce with local environment.

B A IV Semester

Minor Elective BOTANY (Part II)

Paper- Environmental pollution

Course outcome

1- Understanding the problem of population of air, water and soil; Causes of pollution; acquaintance with different types of pollutants and global environmental problems.

modern times.
2- Understand the plant breeding system and heterosis and mutation and plant breeding.

Practical course outcome

1- Learn the basic structure and function of cell and instruments used in microbiology.
2- Know about the commercial products, produced from plants.
3- Understand about the ethnobotanical details of plants.
4- Learn about the chemistry of plants and herbal preparations.

VI semester

Paper I- Plant physiology and Biochemistry

Course outcome

1- Understand the role of physiological and metabolic processes for plant growth and development.
2- Learn the symptoms of mineral deficiency in crops and their management.
3- Assimilate knowledge about the biochemical constitution of plant diversity.
4- Know the role of plants in development of natural products, nutraceuticals, dietary supplements and antioxidants.

Paper II- Ecology and Biostatistics

Course outcome

1- Acquaint the students with complex interrelationship between organisms and environments;
2- Make them understand methods for studying vegetation, community patterns and processes, ecosystem functions and principles of phytogeography.
3- Understanding the strategies for sustainable natural resource, management and biodiversity conservation.
4- Practical knowledge of the different statics tools and techniques.

Practical course outcome

1- Understand the role of different physiological and metabolic processes of plants.
2- Gaining practical knowledge implemented in the biodiversity assessment and conservation.
3- Practical knowledge of the different statistical tools and techniques.

Vocational course

Bio-fertilizers

Course outcome

1- Develop conceptual skill about identifying microbes, and bio-fertilizers.
2- Gain knowledge about developing commercial enterprise of bio-fertizer.

Herbal Technology

Course outcome

1- Develop conceptual skill about traditional Indian medicinal system, herbal medicines, their processing, storage and marketing.
2- Gain knowledge about developing commercial enterprise of herbal medicines.
3- Learn the basic Tools and techniques for phytochemical analysis and propagation of the medicinal plants.

Minor Elective BOTANY

B A II Semester (Part I)

Paper- Introduction to ecosystem

Course outcome

1- Understanding of basic concepts of ecology, ecosystem and environment.
2- Aquintannce with inter relationship between organs and environment.
3- Understanding of structure and functions of ecosystem.

depth knowledge of the current taxonomy of a major plant family.

6- To discover and use diverse texonomic resources, references materials, herbarium collections, publications.

Practical courses outcome

1- The students will be made aware of the group of plants that have given rise to land habit and the flowering plants. Though field study they will be able to see these plants growing in nature and become familiar with the biodiversity.

2- Develop and understanding by observation and table study of representative members of phyllogenetically important groups to learn the process of evolution in a broad sense.

3- Understand morphology reproduction and developmental changes theirin through typological study and creat a knowledge base in understanding the basis of plant diversity, economic values and taxonomy of plants.

BSc III semester

Paper- Morphology and anatomy

Course outcome

1- Understand morphology and anatomy.
2- Understand role of tissues in plant functions.
3- Understand the composition, modification, internal structure and architecture of plants.

Practicals course outcome

1- Understand cell structure in monocot and dicot plants.
2- Understand cell structure, secondary growth and adaptive anatomy in plants.

BSc IV semester

Paper- Embryology and cytogenetics

Course outcome

1- Understand reproduction and development changes in plants.
2- Understand the structure and chemical composition of chromatin and concept of cell division.
3- Interpret the mendel's principles, aquire knowledge on cytoplasmic inheritance and sex-linked inheritance.

Practicals courses outcome

1- Understand the pollination and seed dispersal mechanism.
2- Study the structure of ovules and female gametophytes.
3- Interprept the mendel's principles; and understand the monohybrid and dihybrid crosses and their ratio and chromosomal changes.

BSc V Semester

Paper -I Cell and Molecular Biology and Biotechnology

Course outcome

1- Understand cell structure, nucleic acids, organisation of DNA in prokaryotes and eukaryotes, DNA replication mechanism, genetic code and translation of process.
2- Know about processing and modification of RNA and translation process, function and regulation of expression.
3- Understand the basic tools and techniques used in plant tissue culture.

Paper II- Economic botany and plant breeding

Course outcome

1- Know about the importance of medicinal plants and its useful parts, economically important plants in our daily life and also about the traditional medicines and herbs, and its relevance in

BOTANY SYLLABUS
(Course outcome)
BSc I Semester –VI Semester
BSc I semester

Paper- Microbes, algae, fungi and bryophytes
Course outcome

After the completion of the course the students will be able to:

1- Develop understanding about the classification and diversity of different microbes including viruses, algae, fungi and lichens and their economic importance.

2- Develop conceptual skill about identifying microbes, pathogens, bioertilizers and lichens.

3- Gain knowledge about the developing commercial enterprise of microbial products.

4- Learn host-pathogen relationship and disease management.

5- Gain knowledge about uses of microbes in various fields.

6- Understand the structure and reproduction of certain selected bacteria algae, fungi and lichens.

7- Develop critical understanding on morphology, anatomy and Reproduction of Bryophyta.

Practical course outcome

After the completion of course the students will be able:

1- Understand the instruments, techniques lab etiquettes and good lab practices for working in a microbiology laboratory.

2- Develop skills for identifying microbes and using them for industrial, agriculture and environmental purposes.

3- Practical skills in the field and laboratory experiments in microbiology and Pathology.

4- Learn to identify algae, lichens and plant pathogens along with their symbiotic and parasitic associations.

5- Students would learn to create their small digital reports where they can capture the zoomed in and zoomed out pictures as well as videos in case they are able to find some rare structure or phenomenon related to Bryophytes.

6- Understand morphology, anatomy, reproduction and developmental changes their in through typological study and create a knowledge base in understanding diversity, economic values and taxonomy of bryophytes.

BSc II semester

Paper: Pteridophytes, gymnosperm and angiosperm

Course outcome

After the completion of the course the students will be able to:

1- Develop critical understanding on morphology, anatomy and reproduction of pteridophytese, gymnosperm and angiosperm.

2- Understanding of plant evolution and their transition to land habitat.

3- To learn the major pattern of diversity among plants, and the characters and types of data used to classify plants.

4- To compare the different approaches to classification with regard to the analysis of data.

5- To become familiar with major texa and their identifying characteristics and two develop in

Course outcomes

DEPARTMENT OF CHEMISTRY
V.S.K.C. GOVERNMENT POST GRADUATE COLLEGE
DAKPATTHAR, VIKASNAGAR, DEHRADUN,
UTTRAKHAND

<table>
<tr><th colspan="2">Program outcomes, program specific outcomes, and course outcomes for all programmes offered by the institution are stated and displayed in website of the institution (to provide the weblink)</th></tr>
<tr><td>Vision</td><td>To create and maintain the teaching programmes which nurture the fundamentals concepts of chemistry and meet the global needs through chemical science and to achieve excellence in teaching and research.</td></tr>
<tr><td>Mission</td><td>Mission of UG and PG Chemistry Programmes is to strive a balance between knowledge creation and their worthy applications. To offer projects and courses of global interests to build up research interest in students, to provide innovative scholars, entrepreneurs. To promote among our learners the skills of analytical thinking and experimentation.</td></tr>
<tr><td>Goal</td><td>Goals of Chemistry Programme(s): Produce professional graduates, who will:
1. Acquire expertise in a specific discipline of chemistry.
2. Understand the behavior of matter and synthesize new ideas in their field.
3. Be able to interpret meaning chemical data and draw conclusions.
4. Be able to solve problems and conduct work with high standards of safety.
5. Be able to work in the field of green chemistry to safeguard environment.</td></tr>
<tr><td>Course Outcomes</td><td>UG Course(s):

1. INORGANIC CHEMISTRY. After completing this course student(s) will be able to understand the nature and property of atoms, their bonding. They will learn deep insight about periodic table, position of elements, s-block, p-block, transition and inner-transition elements, their chemical behavior and bonding between different elements. They will be able to solve and balance the chemical reactions. Under this course they will study about structure of atom and bonding, Periodic properties etc.

2. ORGANIC CHEMISTRY. After completing this course student(s) will learn about naturally occurring and synthesized organic compound, their Structure and bonding in organic compounds viz; Hyperconjugation, Inductive effect, Resonance, dipole moment and hydrogen bonding as well as reaction intermediates. They can interpret the concept of aromaticity. Understand the nucleophile and electrophile groups and their properties. They can derive mechanism of a reaction with the knowledge of different functional groups. Stereochemistry which plays important role in pharmaceutical chemistry will be well understood by them.

3. PHYSICAL CHEMISTRY. After completing this course student(s) will be able to understand about the solid, liquid and gaseous states of matter. They will learn about the types of solids like ionic solids and covalent solids. Types of crystal lattice and their defects. Liquids and properties of liquid such as viscosity and surface tension. They will also come to know about Colloids, Classification of</td></tr>
</table>

colloids and general application of colloids. This course offers the deep insight approach about the Real gases and ideal gases, Kinetic theory of gases and their applications. Electrochemistry, thermodynamics and their applications.

4. SPECTROSCOPY. On completion of this course student(s) will be able to solve the structural problems of organic compound after learning U.V., I.R., NMR etc. They will able to monitor the progress of reaction using spectroscopic data.

5.BIO-INORGANIC CHEMISTRY. On completion of this course student(s) will be able to understand the correlation between chemistry and nature.They will come to know about essential and trace elements, understand about the chemical reaction going on in our body and nature and the importance of metals in conducting these reactions viz; hemoglobin, myoglobin and photosynthesis.

6. LABORATORY WORK. This course help student(s) to analyse and identify the elements by various chemical tests.They also do the identification of organic compounds with flame test, melting point. Learn about various titration like Redox, Iodometry, Iodimetry. Experiments like surface tension and viscosity help to understand the behavior of liquid.

PG Course(s):

1.GROUP THEORY and ANALYTICAL TECHNIQUES. This course is designed to provide students the deep insight of symmetry elements and symmetry operations in chemical molecules.
After completing this course students will be able to;
(a)Learn the definition of group and point group operations.
(b)Solve matrix problems.
(c)Understand applicatons of group theory.

2.REACTION MECHANISM OF TRANSITION METAL COMPLEXES.
On completion of this course student(s) will be able to understand the energy profile of a reaction and metal complexes.Outer sphere and inner sphere complexes. Substitution reaction in octahedral complexes and square planar complexes.

3.STEREOCHEMISTRY OF ORGANIC COMPOUNDS. This course is designed to provide student(s) the deep insight of molecular symmetry and chirality, point group, chiral centres. Topicity and their nomenclature as well as stereoselectivity, regioselectivity and chemoselectivity. They will also learn about enantiomers and diastereomers.This topic finds application in the field of drug and pharmaceutical industry.

4.QUANTUM CHEMISTRY. This course is designed to give the introduction of De Broglie's equation and its applicaton. Postulates of quantum mechanics, particle in one , two and three dimensional box. Approximate methods of quantum

	mechanics, variational method sand perturbation theory. Angular momentum, ladder operator. Bonding and antibonding MO according to LCAO method. 2After proper understanding students will be able to solve the problems related to energy levels, bonding orbital and antibonding orbital etc. 6. **SURFACE CHEMISTRY.** On completion of this course student(s) will be able to understand about the thermodynamics and kinetics of adsorption, BET method and heterogenous catalysis. They will be able to understand the mechanism of micelle formation , variation of porosity with catalyst. **6 .CHROMATOGRAPHIC AND RADIO ANALYTICAL METHODS.** The objective of this course is to provide student(s) the deep insight of Basic principles and types of chromatography, principle and application of GAS CHROMATOGRAPHY, HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) and Ion-exchange chromatography. After completion of this course, students will be able to: (a) Study the progress of any reaction with the help of chromatography. (b) Purity of synthesized compound can be checked by HPLC. (c) Enantiomeric excess can be studied by these techniques. **7.MEDICINAL CHEMISTRY.** The objective of this course is to provide student(s) the deep insight of development of new drugs, concept of pro drugs and soft drugs.They will also study about pharmacokinetics, elimination using pharmacokinetics and its application in drug development process. Pharmacodynamics, drug metabolism, biotransformation and significance of drug metabolism in medicinal chemistry. They will also learn about Antineoplastic and Antibiotics. **8.HETEROCYCLIC COMPOUNDS**. The objective of this course is to give introduction of general chemical behaviour of aromatic heterocycles, five membered and six- membered heterocyclics: preparation and application. Conformation of six-membered heterocycles with reference to molecular geometry. Synthesis and reactions of azepines, oxepines, thiepines, diazepines, thiazepines etc. After completion of this course, student(s) will be able to: (a) They will be able to understand naturally occurring heterocycles like chlorophyll, haemoglobin, vitamins. (b) Their significance in drugs. (c) Their application in the development of sanitizers, corrosion-inhibitors, anti-ordinates. **9.ENVIRONMENTAL CHEMISTRY.** On completion of this course student(s) will be able to understand concept and scope of environmental chemistry, environmental terminology and nomenclatures, composition of the atmosphere, acid-rain, smog formation, introduction to analytical methods for monitoring air pollution. Water quality parameters like DO, BOD, COD, fluoride ,oils\, grease and

toxic metal concentration like Hg, Pb, Zn, Cr etc. They will also understand about Particulates, aerosols, pesticides etc.

10.ORGANIC SPECTROSCOPY. The objective of this course is to provide deep insight understanding of various spectroscopic techniques like U.V., I.R.,NMR, Mass spectrometry.
After completion of this course, student(s) will be able to:

(a) They will be able to solve the structural problems using the spectroscopic data.
(b) They can differentiate between different functional groups using I.R. and N.M.R. data.
(c) They will understand 2D NMR like DEPT, COSY, ROESY etc.

11. ORGANIC SYNTHESIS. On completion of this course student(s) will be able to understand about the disconnection approach, functional group interconversion, chemoselectivity, reversal of polarity. One group and two group C-C disconnections: alcohols and carbonyl compounds regioslectivity,control in carbonyl condensation. Ring synthesis and protecting groups: saturated heterocycles, principle of protection of alcohol,amine,carbonyl and carboxyl groups as well as synthesis of complex molecules like Cortisone, Vitamin-D, Juvabione etc.

12. CHEMISTRY OF NATURAL PRODUCTS. On completion of this course student(s) will be able to understand about the classification, occurrence and methods of determination of terpenoids and carotenoids. This course also includes the occurrence, physiological action and synthesis of Steroids, Alkaloids and vitamins.They will study abut synthesis and application of sulpha drugs, morphine ,chloroquine, ampicillin, amoxicillin etc.

13.ORGANIC PHOTOCHEMISTRY. On completion of this course student(s) will be able to understand about the basics of photochemistry like absorption, excitation, excited states. They will understand the significance of Flash-Condon principle, Jablonskii diagram, photophysical and photochemical process. Quantum yields. Photochemistry of organic compounds, photochemistry of carbonyl compounds and significant reactions like Norrish type-1 and Norrish type-2 reactions.Some other significant photochemical reactions like photo-fries rearrangement and Hoffman-Loeffler Fretyag reactions.

14.LAB COURSE WORK. This course aimed to understand the experimental analysis of Extraction of organic compounds from Natural Sources:Isolation of caffeine from tea leaves, isolation of casein from milk, isolation of piperine from black pepper. Synthesis of heterocyclic compounds: preparation of quinoline from aniline, fisher-indole synthesis etc. Spectrophotometric Estimation like Amino acids, carbohydrates, Aspirin, Caffeine. Multi-step synthesis of Organic compounds and their detection by the application of chromatographic techniques. Qualitative analysis of mixture of three organic compounds using TLC.

V.S.K.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun

Subject- Economics(Minor Elective) Class-B.A. II semester Paper's name-Fundamentals of Economics.

Course code: ECOMIE101

1	The students will come to know about the fundamentals of Economics.
2	The students will come to know about Micro and Macro Economics .
3	The students will get familiar with various Economic system.
4	The students will learn Banking system & public finance.

V.S.K.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun

Subject- Economics(Minor Elective) Class-B.A. IV semester. Course code: ECOMIE101

Paper's name- Indian Economy & Economy of Uttrakhand. Course code: ECOMIE101

1	The students will come to know about the fundamentals of Indian Economics.
2	The students will get familiar to the Economy of Uttrakhand

V.K.C.Govt. P.g.College Dakpathar Vikasnagar, Dehradun.

Subject: Economics Programme Outcomes (POs)

PO1	Economics subject enables the learners to build up a professional carrier as Economist, financial advisors, Economics Planners and policy makers .It prepares them to cope up with the stress and strain involved in the process of Economic development.
Programmre Sfecic outcomes UG I Year/Certificate course in Fundamental Economics	
POS1	To understand the basics concepts of Micro Economics.
POS2	To understand the basics concepts of Macro Economics.
UG II Year/Diploma in Economics	
POS1	To understand the basic concept of Public Revenue, Public Debt, Public Expenditure etc.
Pos2	To understand the basic concept of Money Banking & International Trade
POS3T	To understand different mone monetatry standartdd, central Banking system etc.

Programme specific outcomes

UG III Year/Bachelor Of Economics

POS1	To understand the basic concept of Indian Economy.
POS2	To under stand the basic concept of labour Economics
POS3	To understand the basic concept of Agricultural Economics.
POS4	To understand the basic concept of Demography.
POS5	To understand the basic quantitative techniques that are used in economic analysis.
POS6	To understand the basic concept of theory of growth &d development
POS7	To understand the Economic thinkers and their Economic thought.
POS8	To understand basic concept of Indian Economy.
POS9	To understand the Uttrakhand's Economy.
POs10	To understand the basic Computer Application in Economics.

V .S.K.C. Govt. P.G . College Dakpathar Vikasnagar,Dehradun

Vocational Course. Course Code-EcoVC 02

Subject-Economics. Class-B.A. i Semester. Course Outcome

1	To learn an Economic approach to Environmental problems.
2	To understand complementary view of Environmental Economics.
3	To development Economic tool kit to evaluate applied problems

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A ii Semester. Course code –ECOVC 02

Paper's Name- Envirornmental Economics.(ii)

course outcomes

1	To learn conomic approach to environmental problems.
2	To develop economic tool kit to evaluate applied problems.
3	To understand complementary view of environmental economics.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A II Semester. Course code –ECOVC 03

Paper's Name- Envirornmental Economics.(ii) course outcomes

1	To learn an Economic approach to Environmental problems.
2	T0 understand complementary view of environmental economics.
3	To understand complementary view of environmental economics.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A IV Semester. Course code –ECOVC 04

Paper's Name- Envirornmental Economics.(ii)

course outcomes

1	To learn an Economic approach to Environmental problems
2	T0 understand complementary view of environmental economics.
3	To develop economic tool kit to evaluate applied problems.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A First Semester. Course code: ECOMJ101

Paper's Name- Basics Of Micro Economics.

course outcomes

1	Study of Micro Economics enables the studentto have an undersanding of theoretical aspect of subject.
2	Students are able to understand and define the basic concept like consumer behavior, production ,Demand & Supply etc.
3	Students will learn about the price and abut the price determination of the firm and industry under different market forms.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Second Semester. Course code –ECOMJ201

Paper's Name- Basics Of Macro Economics.

course outcomes

1	Students learn about Macro Economics and different theories based on income & employment.
2	They learn about the consumption, investment function and function of multiplier process.
3	Student learn about money Banking and become able to know about the theories inflation and unemployment etc.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Third Semester. Course code: ECOMJ301

Paper's Name- Basics Of Public Finance

course outcomes

1	The students will familiar with maximum social advantage.
2	The students will be enabled to public expenditure, public revenue and public debt etc.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fourth Semester. Course code: ECOMJ401

Paper's Name- Money Banking & International Trade

course outcomes

1	The student will understand the concept of money and banking
2	The students will learn Indian monetary System and its working.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fifth Semester. Course code: ECOMJ501

Paper's Name- Indian Economy (compulsory) course outcomes

1	The students will come to know the Features of Indian Economy.
2	The students will learn Various sector of Indian Economy like agriculture, Industrial, and service .
3	The students will get familiar with different types poverty's alleviation schemes.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fifth Semester. Course code: ECOMJ501

Paper's Name- Basics Of Labour Economics.(iia) Optional Paper.

course outcomes

1	The students Will learn the importance of Labour Economics.
2	The students will get familiar of industrial Economics.
3	The students will come to know about labour legislation & labour unions.
4	The students will learn social security and labour welfare.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fifth Semester. Course code: ECOMJ501

Paper's Name- Basics Of Agriculture Economics.(iib) Optional paper.

course outcomes

1	The student will come to know the basics of Agriculture and rural Ecinomics.
2	The students will get familiar with land distribution and agriculture production.
3	The Students will learn about agricultural finance in India.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fiifth Semester. Course code: ECOMJ501. Optional Paper.

Paper's Name- Basics of Demography(iic)

course outcomes

1	The students will come to know population growth and economic development.
2	The students will come to know about migration and its features.
3	The students will be able to understand the concept of demographical development of india.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A Fifth t Semester. Course code: ECOMJ501

Paper's Name- Basic Quantitative Techniques in Economics.(ii D) Optional paper.

Course outcomes

1	Students will be able to understand the basic concept of mathematicalEconomis.
2	Students will be able to use mathematical tools and methods in Economics.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A VI Semester. Course code: ECOMJ601

Compulsory Paper

Paper's Name- Economic Growth & Development

course outcomes

1	The students will be able to understand the development theories along with the conceptual issue in growth and development.
2	The students will be able to understand the concept of demographical development of India.
3	

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A VI Semester. Course code: ECOMJ601

Optional Paper

Paper's Name- History of Economic Thought (ii a)

course outcomes

1	The students will come to know the thought of mercantilism and physiocracy.
2	The Students will come to know about classical period thinkers in Economics.
3	The students will know about nationalist and welfare Economist.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A VI Semester. Course code: ECOMJ601

Paper's Name- Basics Of Industrial Economics.(ii b)

course outcomes

1	The students will come to know about industrial process, growth of firm and process of innovation.
2	The Student s will study rationalism and effect of globalization on Industry.

sV.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A VI Semester. Course code: ECOMJ601

Paper's Name- Economy of Uttrakhand .(ii c)

course outcomes

1	The students will learn agriculture and industrial profile of Uttrakhand Economy.
2	The Students will come to knowabout various poverty alleviation programmes in Uttrakhand.
3	The students will come to know abuot various employment generation programmes in Uttrakhand.

V.SK.C. Govt. P.G.College Dakpathar Vikasnagar,Dehradun.

Subject –Economics. Class-B.A VI Semester. Course code: ECOMJ601

Paper's Name-The Basics of Computer Application in Economics.(ii d)

course outcomes

1	The studdents will come to know about varios devbices related to computer system.
2	The students will come to know about the number system used in Computer.
3	The students will get familiar with vvarious types of basic computer application software.
4	The students will come to know about word procfessing , software & internet.

V.S.K.C. Rajkiya Snatkottar Mahavidyalaya Dakpathar, Dehradun
Department of Education

Programme outcomes (POs) :

1. This course with provide students the basic concept of Education
2. The student will able to understand relation between education and society.
3. The student will able to analyses Indian and western philosophy.
4. The student will able to understand new trends and importance of ICT.
5. The student will able to explain the importance of human rights, environment in our life.
6. The student will able to explain the importance of values, mental health and hygiene.
7. Students will be able to understand interdisciplinary nature of the subject.
8. Program will be helpful in conceptualization and synthesis of knowledge of life skill and sustainable education.
9. Program will be helpful in conceptualization and synthesis of knowledge of Educational aspects in relation to: Human Development- Human Behavior, Teaching Learning, Measurement and Evaluation, Society and Nation.
10. The student will able to understand importance of research and statistics in education.
11. The student will able to analyses administration and management in education.
12. The student will able to explain the glorious history of education
13. The student will able to understand the concept of psychological foundations of education.
14. To know the different psychological major theories of learning, intelligence and personality.
15. Students will be able to conceptualize the knowledge of Educational aspects in relation to human development.
16. The student will able to understand the concept and need of teacher education.
17. The student will understand history of teacher education and various types of teacher education programme in India.
18. The student will enhance ability to interpreted design and conduct basic psychological research.

Course Outcomes (COs)

UG I Year / Certificate Course in FUNDAMENTAL EDUCATION

1. This course provides the basic ideas and concepts of education and role of society in education.
2. This course has attempted to introduce students the philosophical basis of education, explaining how the Constitutional system of the nation contribute in the field of education
3. This course intends to clarify the educational aims and functions.
4. This course will help students to understand the contribution of great western and Indian philosopher in education.
5. This course introduces the challenges faced by Indian Education and initiates a critical analysis of concerns and solutions towards better education.
6. Program will be helpful in conceptualization and synthesis of knowledge of life skill and sustainable education.

7. The student will able to explain the importance of values, mental health and hygiene.

UG II Year/ **Diploma in PERSPECTIVES OF EDUCATION**

A. The course aims to acquaint students with characteristic features of ancient, medieval and British education system and educational commissions set up from time to time.
B. The student will able to explain the glorious history of education.
C. This course will help students to understand constitutional values and provisions for education and their rights.
D. This course provides the basic ideas and concepts of human right and environmental education.
E. This course introduces the students about concept of New Trends in Education and importance of ICT.
F. It explores the process of development and learning Through ICT.
G. The students will be able to check different aspects of psychological parameter which are important for education through the tests and scales.

UG III Year /**Bachelor of Arts in EDUCATION**

- This Course enables the students to understand basic concept of psychological foundations of education and teacher education.
- This course consists of the knowledge of history of teacher education and various types of teacher education programmes in India.
- This program will be helpful in conceptualization and synthesis of knowledge of Educational aspects in relation to: Human Development-Human Behavior, Teaching Learning process.
- The programme will be helpful to know the major theories, concepts and mechanism which explain human behavior or various psychological phenomena.
- This course will enhance ability of students to interpret the design and conduct of basic research in education.
- This course provides the assessment and evaluation techniques used in Education by psychological tools.
- This course enables the students to understand concepts and needs of statistics in education.
- This course consists of the knowledge of Educational Administration and Management in schools.
- It will develop an insight about the organizational and administrative structure of Education.
- This course discusses about the various governing/regulatory bodies of the Indian Education System.
- The student will able to understand importance of research and statistics in education.
- This Program will be helpful for students to understand MS Office and able to interpret /present research data diagrammatically or graphically with the help of computer.
- This course enables the students to understand concepts, needs and importance of Guidance and Counseling in our life.
- This paper enables understanding about the various governing/regulatory bodies of the Indian Education System.

List of all Papers in Six Semesters AND Semester-wise Titles of the Papers in HINDI					
Year	Sem.	Course Code	Paper Title	Theory/ Practical	Credits
			Certificate Course in ARTS-HINDI		
FIRST YEAR	I		प्राचीन एवं भक्तिकालीन काव्य Major/Core	Theory	6
			हिन्दी भाषा व व्याकरण Minor Elective ✓	Theory	4
			गढ़वाली भाषा एवं संस्कृति Vocational/Skill Development Course	Theory	3
	II		हिन्दी कथा साहित्य Major/Core	Theory	6
			प्रयोजनमूलक हिन्दी /Skill Development Course	Theory	3
			Diploma in ARTS-HINDI		
SECOND YEAR	III		रीतिकालीन काव्य Major/Core	Theory	6
			हिन्दी भाषा : स्वरूप Minor Elective	Theory	4
			कार्यालयी हिन्दी /Skill Development Course	Theory	3
	IV		नाटक एवं स्मारक साहित्य Major/Core	Theory	6
			रचनात्मक लेखन / Skill Development Course	Theory	3
			Bachelor of ARTS-HINDI		
THIRD YEAR	V		द्विवेदीयुगीन एवं छायावादी काव्य Major/Core	Theory	4
			छायावादोत्तर हिन्दी कविता Major/Core	Theory	5
			हिन्दी की वैज्ञानिक एवं तकनीकी शब्दावली/Project	Project	4
	VI		हिन्दी निबंध Major/Core	Theory	[illegible]
			लोकसाहित्य Major/Core	Theory	5
			साहित्यिक विचारधाराओं का अध्ययन : भक्ति-आन्दोलन, छायावाद, प्रगतिवाद,राष्ट्रवाद, अस्तित्ववाद, नारीवाद, दलित विमर्श आधुनिकताबोध, उत्तरआधुनिकता में से कोई एक	Project	4

COURSE INTRODUCTION

Programme outcomes (POs):

1. साहित्य मानव संवेदना की अभिव्यक्ति का प्रमुख स्रोत रहा है। कलाओं में यह सम्पूर्ण कला है। साहित्य समाज का प्रतिदर्श है। स्नातक उपाधि में इस विषय के चयन व अध्ययन से शिक्षार्थी को साहित्य के सांगोपांग महत्व का ज्ञान होता है।
2. शिक्षार्थी को राष्ट्र की सर्वप्रमुख भाषा हिन्दी के अत्यन्त समृद्ध साहित्य के सम्पूर्ण स्वरूप का ज्ञान होता है।
3. शिक्षार्थी को हिन्दी साहित्य की सभी प्रमुख विधाओं का ज्ञान होता है, जिससे उसमें रचनात्मकता का प्रस्फुटन एवं विकास होता है।
4. शिक्षार्थी को जीवन के आजीविकोपार्जन सम्बन्धी पक्ष के रूप में हिन्दी के प्रयोजनमूलक स्वरूप व महत्व का ज्ञान एवं प्रशिक्षण होता है।
5. साहित्य के अध्ययन में अन्य अनुशासनों के सन्दर्भ यथा सामाजिक, मनोवैज्ञानिक, राजनीतिक, आर्थिक, ऐतिहासिक, पर्यावरणीय आदि समाहित होते हैं। स्नातक में हिन्दी साहित्य का चयन शिक्षार्थी को समग्र रूप से शिक्षित करता है।
6. शिक्षार्थी संघ लोक सेवा आयोग एवं प्रादेशिक लोक सेवा आयोगों के परीक्षा पाठ्यक्रम में सम्मिलित हिन्दी साहित्य की आधार व अनिवार्य शिक्षा प्राप्त करता है।

Programme specific outcomes (PSOs):

UG I Year / Certificate course **Arts with Hindi**

1. शिक्षार्थी स्नातक प्रमाण पत्र पाठ्यक्रम के अन्तर्गत मुख्य विषय के रूप में हिन्दी की प्राचीन एवं मध्यकालीन कविता तथा कथा साहित्य का आधारभूत ज्ञान प्राप्त करेगा।
2. शिक्षार्थी स्नातक प्रमाण पत्र पाठ्यक्रम के अन्तर्गत वैकल्पिक/सहायक विषय के रूप में हिन्दी व्याकरण का ज्ञान एवं व्यावहारिक प्रशिक्षण प्राप्त करेगा। विकल्प के रूप में यह चयन प्रतियोगी परीक्षाओं में सहायक एवं उपयोगी सिद्ध होगा ।
3. शिक्षार्थी प्रमाण् पत्र वर्ष मे एवं कौशल संवर्द्धन पाठ्यक्रम के रूप में प्रयोजनमूलक हिन्दी का ज्ञान एवं व्यावहारिक प्रशिक्षण प्राप्त करेगा।
4. प्रथम वर्ष में शिक्षा में बाधा हो जाने की स्थिति में शिक्षार्थी हिन्दी तथा अन्य विषयों के साथ स्नातक प्रमाण-पत्र प्राप्त करेगा, जिसका लाभ उसे आजीविका प्राप्त करने में प्राप्त होगा।

Programme specific outcomes (PSOs):

UG II Year/ (Diploma in ARTS with Hindi

1. शिक्षार्थी स्नातक डिप्लोमा पाठ्यक्रम के अन्तर्गत मुख्य विषय के रूप में हिन्दी की रीतिकालीन कविता व काव्यांग परिचय तथा नाटक एवं स्मारक साहित्य का आधारभूत ज्ञान प्राप्त करेगा।
2. शिक्षार्थी स्नातक डिप्लोमा पाठ्यक्रम के अन्तर्गत वैकल्पिक/सहायक विषय के रूप में हिन्दी भाषा के स्वरूप का ज्ञान एवं व्यावहारिक प्रशिक्षण प्राप्त करेगा। विकल्प के रूप मे यह चयन प्रतियोगी परीक्षाओं में सहायक एवं उपयोगी सिद्ध होगा ।
3. शिक्षार्थी डिप्लोमा वर्ष मे एवं कौशल संवर्द्धन पाठ्यक्रम के रूप में हिन्दी पत्रकारिता का ज्ञान एवं व्यावहारिक प्रशिक्षण प्राप्त करेगा।
4. शिक्षा में बाधा हो जाने की स्थिति में शिक्षार्थी हिन्दी तथा अन्य विषयों के साथ स्नातक डिप्लोमा प्राप्त करेगा, जिसका लाभ उसे आजीविका प्राप्त करने में प्राप्त होगा।

8.2022

8.2022

Programme specific outcomes (PSOs): *UG III Year / Bachelor of ARTS with Hindi*	
PSO 1	1. शिक्षार्थी स्नातक उपाधि वर्ष पाठ्यक्रम के अन्तर्गत मुख्य विषय के रूप में हिन्दी की द्विवेदीयुगीन, छायावादी तथा छायावादोत्तर एवं समकालीन कविता, हिन्दी निबन्ध एवं लोक-साहित्य का आधारभूत ज्ञान प्राप्त करेगा।
PSO2	2. शिक्षार्थी के पास उपाधि वर्ष में विगत वर्षों के अध्ययन से हिन्दी साहित्य के विविध पक्षों तथा उनके अकादमिक स्वरूप ज्ञान होगा, उसे हिन्दी भाषा के व्याकरण एवं स्वरूप का ज्ञान होगा, उसे कार्यालयी हिन्दी तथा पत्रकारिता जैसे रोजगारपरक विषयों का ज्ञान होगा और वह आगे की शिक्षा एवं शोध के लिए भाषा तथा साहित्य के उच्चस्तरीय आधारभूत ज्ञान व कुशलता के साथ उपाधि प्राप्त करेगा।

10.08.2022

CERTIFICATE COURSE IN UG			
Programme:CertificateCourse in ARTS-Hindi			
Course Code:	Course Title: प्राचीन एवं भक्तिकालीन काव्य	Subject:Hindi	Year:I/Semester:I/Paper:I
Course Outcomes: 1. विद्यार्थी हिन्दी साहित्य के आरम्भिक काल की कविता का ऐतिहासिक एवं सैद्धांतिक ज्ञान सोदाहरण प्राप्त करता है। 2. विद्यार्थी चन्दबरदाई,कबीर,जायसी,सूर और तुलसी के कृतित्व को समझने के क्रम में महाकाव्य शिल्प एवं मुक्तक शिल्प का विस्तृत परिचय व ज्ञान पाता है। 3. विद्यार्थी आदिकालीन वीरकाव्य, निर्गुण काव्यधारा व संत साहित्य का सैद्धांतिक परिचय व ज्ञान सोदाहरण पाता है। 4. विद्यार्थी सूफी काव्यधारा, सगुण काव्यधारा तथा इसके अंतर्गत रामभक्ति और कृष्णभक्ति के महत्वपूर्ण काव्य का सैद्धांतिक परिचय व ज्ञान सोदाहरण प्राप्त करता है।			
Credit:6			
Maximum Marks:25(Internal)+75(external)=100			Core Compulsory
Total No. of Lectures-Tutorials-Practical(in hours per week):6-0-0			Minimum Passing Marks:33
Unit	Topic		
I	प्राचीन हिन्दी काव्य - परिचय एवं [illegible]		
II	[illegible]		

CERTIFICATE COURSE IN UG

Programme: *Certificate Course in ARTS - Hindi*		
		Year: I Semester: I Paper-II
Subject: Hindi		
Course Code:	Course Title: हिन्दी भाषा : व्याकरण	

Course Outcomes:

1. शिक्षार्थी हिन्दी भाषा के व्यावहारिक प्रयोजनार्थ वर्तनी एवं शब्दों के मानक स्वरूप का ज्ञान व प्रशिक्षण पाता है।
2. शिक्षार्थी व्यावहारिक प्रयोजनार्थ शुद्ध लेखन हेतु हिन्दी की वाक्य-संरचना एवं व्याकरण का ज्ञान व प्रशिक्षण पाता है।
3. शिक्षार्थी को व्यावहारिक-व्यावसायिक प्रयोजनार्थ हिन्दी भाषा की अत्यन्त समृद्ध शब्द सम्पदा तथा उसकी समाहार- समायोजन शक्ति का ज्ञान होता है।
4. शिक्षार्थी कार्यालयी प्रयोजनार्थ पारिभाषिक – प्रतिपारिभाषिक शब्दों के प्रयोग का ज्ञान व प्रशिक्षण पाता है।

Credits: 4	Minor Elective Paper
Max. Marks: 25 (Internal) + 75 (External) =100	Min. Passing Marks: 33

Skill Development Course

Programme: Certificate course in Arts- Hindi Year -I Semester -I Paper-III
Subject : Hindi Credit: 3
Maximum Marks: 25(Internal) + 75 (External) = 100 Min. Passing Marks: 33
Course Title: गढ़वाली भाषा एवं संस्कृति
Course Outcomes:

1. शिक्षार्थी भाषा और संस्कृति का ज्ञान अर्जित करता है।
2. शिक्षार्थी स्थानीय परम्पराओं और रिवाजों से परिचित होता है।
3. शिक्षार्थी गढ़वाली भाषा के उद्भव व उसके विविध रूपों का ज्ञान प्राप्त करता है।
4. शिक्षार्थी गढ़वाली संस्कृति के विविध पक्षों से परिचय होता है।
5. शिक्षार्थी का गढ़वाल में रोजगार हेतु कौशल संवर्धन होता है।

Units	Topic	No. of Lectures
I	गढ़वाली भाषा का परिचय, विकास, विविध रूप	10

CERTIFICATE COURSE IN UG	
Programme: *Certificate Course in ARTS- Hindi*	Year: I Semester: II Paper-I
Subject: Hindi	
Course Code:	Course Title: हिंदी कथा-साहित्य

Course Outcomes:

1. शिक्षार्थी हिन्दी की कथा परम्परा का परिचय व ज्ञान प्राप्त करता है।
2. शिक्षार्थी हिन्दी उपन्यास के उद्भव और विकास का ज्ञान प्राप्त करता है।
3. शिक्षार्थी हिन्दी कहानी के उद्भव और विकास का ज्ञान प्राप्त करता है।
4. शिक्षार्थी पाठ्यक्रम में सम्मिलित उपन्यास के अध्ययन से उपन्यास विधा का शिल्पगत ज्ञान प्राप्त करता है।
5. शिक्षार्थी पाठ्यक्रम में सम्मिलित कहानियों के आधार पर कहानी विधा का शिल्पगत ज्ञान प्राप्त करता है।
6. शिक्षार्थी कथा-साहित्य की समीक्षा का ज्ञान प्राप्त करता है।

Credits: 6	Major Core Compulsory
Max. Marks: ...	

Skill Development Course

Programme: Certificate course in Arts- Hindi Year -I Semester -II Paper-II

Subject : Hindi Credit: 3

Maximum Marks: 25(Internal) + 75 (External) = 100 Min. Passing Marks: 33

Course Title: प्रयोजनमूलक हिन्दी

Course Outcomes:

1. विद्यार्थी प्रयोजनमूलक हिन्दी का ज्ञान अर्जित करता है।
2. विद्यार्थी भाषा के विविध रूपों से परिचित होता है।
3. विद्यार्थी श्रव्य एवं दृश्य माध्यमों का ज्ञान प्राप्त करता है।
4. विद्यार्थी पत्रकारिता के विविध पक्षों से परिचित होता है।
5. विद्यार्थी का रोजगार हेतु कौशल संवर्धन होता है।
6.

Units	Topic	No. of Lectures
1	[illegible]	[illegible]

DIPLOMA COURSE IN ARTS	
Programme: Diploma Course in ARTS- Hindi	Year: II Semester III Paper I
Subject: Hindi	
Course Code:	Course Title: रीतिकालीन काव्य
Course Outcomes: 1. विद्यार्थी हिन्दी साहित्य के [illegible] काल रीतिकाल के विषय में ऐतिहासिक एवं सैद्धांतिक ज्ञान प्राप्त करता है। 2. विद्यार्थी पाठ्यक्रम में [illegible] कवियों के आधार पर रीतिकालीन साहित्य की [illegible] और विकास का ज्ञान प्राप्त करता है। 3. विद्यार्थी रीतिकालीन काव्य की प्रवृत्तियों का ज्ञान प्राप्त करता है। 4. विद्यार्थी प्रमुख रीतिकालीन कवियों से परिचय प्राप्त करता है।	
Credits: 6	Major Core Compulsory
Max. Marks: 25 (Internal) + 75 (External) =100	Min. Passing Marks: 33

DIPLOMA COURSE IN UG		
Programme: *Diploma Course in ARTS- Hindi*	Year: II	Semester: III Paper-II
Subject: **Hindi**		
Course Code:	Course Title: हिन्दी भाषा : स्वरूप	

Course Outcomes:

1. शिक्षार्थी को हिन्दी भाषा के विस्तृत व समृद्ध इतिहास व विकास का ज्ञान होता है।
2. शिक्षार्थी को हिन्दी की शैलियां यथा हिन्दी, हिन्दुस्तानी व उर्दू का ज्ञान होता है, जो भाषा के व्यावहारिक प्रयोग में काम आता है।
3. शिक्षार्थी को हिन्दी की बोलियों का ज्ञान होता है, जिसके आधार पर वह अपने भाषा संस्कारों को समृद्ध करता है तथा सम्पर्क भाषा के रूप में हिन्दी का प्रयोग अधिक कुशलता के साथ कर पाता है।
4. शिक्षार्थी को राजभाषा के रूप में हिन्दी की संवैधानिक स्थिति का ज्ञान होता है, जिसकी आवश्यकता उसे सरकारी सेवाओं में होती है।
5. शिक्षार्थी विभिन्न व्यावहारिक व व्यावसायिक प्रयोजनों हेतु हिन्दी के मानकीकृत रूप का ज्ञान व प्रशिक्षण पाता है।
6. शिक्षार्थी कम्प्यूटर व इंटरनेट की तकनीक में हिन्दी के प्रयोग का आरंभिक ज्ञान व प्रशिक्षण पाता है।

Credits: 4	Elective Paper
Max. Marks: 25 (Internal) + 75 (External) =100	Min. Passing Marks: 35
Total No. of Lectures-Tutorials-Practical (in hours per week): 4-0-0	

Skill Development Course

Programme: Diploma in Arts- Hindi Year -II Semester -III Paper-III

Subject : Hindi Credit: 3

Maximum Marks: 25(Internal) + 75 (External) = 100 Min. Passing Marks: 33

Course Title: कार्यालयी हिन्दी

Course Outcomes:

1. शिक्षार्थी कार्यालयी हिन्दी के अभिप्राय क्षेत्र एवं उद्देश्य, सामान्य एवं कार्यालयी हिन्दी में अन्तर, सम्बन्ध आदि से परिचित होता है।
2. शिक्षार्थी कार्यालयी हिन्दी की पारिभाषिक शब्दावली से परिचित होता है।
3. शिक्षार्थी कार्यालय से निर्गत पत्र (ज्ञापन, परिपत्र, आदेश, निविदा आदि) का ज्ञान प्राप्त करता है।
4. शिक्षार्थी का प्रारूपण, संक्षेपण, पल्लवन, टिप्पण आदि विविध पक्षों से परिचय होता है।
5. शिक्षार्थी का कार्यालयों में रोजगार हेतु कौशल संवर्धन होता है।

Units	Topic	No of Lectures
I	कार्यालयी हिन्दी का स्वरूप, अभिप्राय, उद्देश्य	10
II	[illegible]	

DIPLOMA COURSE IN UG

Programme: *Diploma Course in ARTS- Hindi*	Year: II	Semester: IV Paper-I

Subject:
Hindi

Course Code:	Course Title: नाटक एवं स्मारक साहित्य

Course Outcomes:

1. . शिक्षार्थी नाटक की भारतीय एवं पाश्चात्य परम्पराओं का ज्ञान प्राप्त करता है।
2. शिक्षार्थी नाटक के स्वरूप एवं प्रकारों का ज्ञान प्राप्त करता है।
3. शिक्षार्थी पाठ्यक्रम में सम्मिलित नाटक के अध्ययन के आधार पर नाट्यसमीक्षा का ज्ञान प्राप्त करता है।
4. शिक्षार्थी को हिन्दी में स्मारक साहित्य लेखन परम्परा का ज्ञान होता है।
5. शिक्षार्थी को स्मारक साहित्य के स्वरूप व उसकी विधाओं का ज्ञान प्राप्त होता है।
6. शिक्षार्थी को महान साहित्यकारों के जीवन से जुड़ी घटनाओं को पढ़ने से उच्च जीवन मूल्यों की शिक्षा व प्रेरणा प्राप्त होती है।

Credits: 6	Major Core Compulsory

Programme: Diploma in Arts- Hindi **Year -II** **Skill Development Course**
Subject : Hindi Semester -IV Paper-II
Maximum Marks: 25(Internal) + 75 (External) = 100 Min. Passing Marks: 33 Credit: 3
Course Title: रचनात्मक लेखन
Course Outcomes:

1. विद्यार्थी रचनात्मक लेखन से परिचित होता है।
2. विद्यार्थी विविध अभिव्यक्ति क्षेत्र का ज्ञान प्राप्त करता है।
3. विद्यार्थी का लेखन के विविध रूपों से परिचय होता है।
4. विद्यार्थी विज्ञापन के विविध रूपों से परिचित होता है।
5. विद्यार्थी का रोजगार हेतु कौशल संवर्धन होता है।

Units	Topic	No. of Lectures
I	रचनात्मक लेखन अवधारणा एवं स्वरूप, भाव एवं विचार की रचना में रूपान्तरण की प्रक्रिया	10
II	विविध अभिव्यक्ति क्षेत्र: साहित्य, पत्रकारिता, [illegible]	

Sem I

DEGREE COURSE IN UG **Programme:** *Degree Course in ARTS- Hindi*		
	Subject: Hindi	**Year: III** **Semester: V** **Paper-I**
Course Code:	**Course Title: द्विवेदी युगीन एवं छायावादी काव्य**	

Course Outcomes:

1. शिक्षार्थी हिन्दी के द्विवेदी युग व नवजागरण काल के विषय में ऐतिहासिक व सैद्धान्तिक ज्ञान प्राप्त करता है।
2. शिक्षार्थी हिन्दी कविता के छायावाद युग का ऐतिहासिक व सैद्धान्तिक ज्ञान प्राप्त करता है।
3. शिक्षार्थी खड़ी बोली हिन्दी की आरम्भिक समर्थ काव्य-परम्परा का ज्ञान प्राप्त करता है।
4. शिक्षार्थी पाठ्यक्रम में सम्मिलित द्विवेदीयुगीन कविताओं के अध्ययन से तत्कालीन हिन्दी कविता के स्वरूप, महत्व तथा शिल्प का ज्ञान प्राप्त करता है।
5. शिक्षार्थी पाठ्यक्रम में सम्मिलित छायावादयुगीन कविताओं के अध्ययन से तत्कालीन हिन्दी कविता के स्वरूप, महत्व तथा शिल्प का ज्ञान प्राप्त करता है।
6. शिक्षार्थी आधुनिक कविता की समीक्षा का ज्ञान एवं प्रशिक्षण प्राप्त करता है।

Credits: 5	**Major Core Compulsory**
Max. Marks: 25 (Internal) + 75 (External) =100	**Min. Passing Marks: 33**
Total No. of Lectures-Tutorials-Practical (in hours per week): 5-0-0	

DEGREE COURSE IN UG	
Programme: *Degree Course in ARTS- Hindi*	Year: III Semester: V Paper-II
Subject: Hindi	
Course Code:	Course Title: छायावादोत्तर हिंदी कविता

Course Outcomes:

3. शिक्षार्थी छायावादोत्तरी कविता का ऐतिहासिक एवं सैद्धान्तिक ज्ञान प्राप्त करता है।
4. शिक्षार्थी आधुनिक हिन्दी कविता में प्रगतिवाद का रचनात्मक व आलोचनात्मक ज्ञान प्राप्त करता है।
5. शिक्षार्थी आधुनिक हिन्दी कविता में प्रयोगवाद का रचनात्मक व आलोचनात्मक ज्ञान प्राप्त करता है।
6. शिक्षार्थी आधुनिक हिन्दी कविता में नयी कविता का रचनात्मक व आलोचनात्मक ज्ञान प्राप्त करता है।
7. शिक्षार्थी आधुनिक हिन्दी कविता में समकालीन कविता का रचनात्मक व आलोचनात्मक ज्ञान प्राप्त करता है।

Credits: 5	Major Core Compulsory

DEGREE COURSE IN UG		
Programme: *Degree Course in ARTS- Hindi*		Year: III Semester: V Paper III- Project
Subject: Hindi		
Course Code:	Course Title: लघुशोध अध्ययन एवं कार्य – हिन्दी की वैज्ञानिक एवं तकनीकी शब्दावली	

Course Outcomes:

शिक्षार्थी इस लघुशोधात्मक अध्ययन एवं कार्य के माध्यम से हिन्दी की वैज्ञानिक एवं तकनीकी शब्दावली का ज्ञान प्राप्त करता है। विज्ञान एवं तकनीकी के क्षेत्र में हिन्दी के प्रसार के लिए यह अध्ययन आवश्यक है।

Credits: 4	Project
Max. Marks: 25 (Internal) + 75 (External) =100	Min. Passing Marks: 40
Total No. of Lectures-Tutorials-Practical (in hours per week): 4-0-0	

Unit	Topic	No. of Lectures
Unit I		

DEGREE COURSE IN UG

Programme: *Degree Course in ARTS- Hindi*	Year: III *Semester: VI* *Paper I*
Subject Hindi	
Course Code:	Course Title: हिंदी निबंध

Course Outcomes:

1. विद्यार्थी निबंध विधा के स्वरूप का ज्ञान प्राप्त करता है।
2. विद्यार्थी हिन्दी में निबंध विधा के उद्भव और विकास का ज्ञान प्राप्त करता है।
3. विद्यार्थी सामाजिक व सांस्कृतिक विषयों से निबंध के वैचारिक सम्बन्ध तथा अभिव्यक्ति का ज्ञान प्राप्त करता है।
4. विद्यार्थी निबंध के प्रकारों का ज्ञान प्राप्त करता है।
5. विद्यार्थी पाठ्यक्रम में सम्मिलित निबंधकारों के अध्ययन से विधा के क्षेत्र में मौलिक अभिव्यक्ति का ज्ञान एवं कौशल प्राप्त करता है।

Credits: 5

DEGREE COURSE IN UG		
Programme: *Degree Course in ARTS- Hindi*	Year: III	Semester: VI Paper-II

Subject: Hindi

Course Code:	Course Title: लोक साहित्य

Course Outcomes:

1. शिक्षार्थी साहित्य के लोकपक्ष का ऐतिहासिक तथा सैद्धान्तिक ज्ञान प्राप्त करता है।
2. शिक्षार्थी लोक साहित्य के स्वरूप, अध्ययन की प्रविधियो, संकलन प्रक्रिया आदि का प्रशिक्षण एवं ज्ञान प्राप्त करता है।
3. शिक्षार्थी लोक संस्कृति का ज्ञान प्राप्त करता है।
4. शिक्षार्थी लोकगीतो के स्वरूप, उनके सामाजिक-सांस्कृतिक स्रोतो तथा विविध रूपों का ज्ञान प्राप्त करता है।
5. शिक्षार्थी लोक नाट्य के स्वरूप, उनके सामाजिक-सांस्कृतिक स्रोतो तथा विविध रूपों का ज्ञान प्राप्त करता है।
6. शिक्षार्थी लोककथाओ के स्वरूप, उनके सामाजिक-सांस्कृतिक स्रोतो तथा विविध रूपों का ज्ञान प्राप्त करता है।
7. शिक्षार्थी लोकगाथाओ के स्वरूप, उनके सामाजिक-सांस्कृतिक स्रोतो तथा विविध रूपो का ज्ञान प्राप्त करता है।
8. शिक्षार्थी पाठ्यक्रम में सम्मिलित लोक साहित्य के अध्ययन द्वारा लोक का व्यावहारिक ज्ञान
   प्राप्त करता है।

Credits: 5	Major Core Compulsory

DEGREE COURSE IN UG	
Programme: Degree Course in ARTS- Hindi	Year: III Semester: VI Paper III Project
Subject: Hindi	
Course Code:	Course Title: लघुशोध अध्ययन एवं कार्य – साहित्यिक विचारधाराओं का अध्ययन

Course Outcomes:

विद्यार्थी इस लघुशोधात्मक अध्ययन एवं कार्य के माध्यम से हिन्दी की साहित्यिक विचारधाराओं का ज्ञान प्राप्त करता है। हिन्दी साहित्य में उच्चस्तरीय शोध के लिए यह पूर्व-अध्ययन अत्यन्त आवश्यक है।

Credits: 4	Project
Max. Marks: 25 (Internal) + 75 (External) =100	Min. Passing Marks: 40

Total No. of Lectures-Tutorials-Practical (in hours per week): 4-0-0

Unit	Topic	No. of Lectures Hours
Unit I	निम्नांकित विचारधाराओं अथवा साहित्य आन्दोलनों में से किसी एक पर लघुशोधात्मक अध्ययन एवं कार्य करना है – 1. भक्ति-आन्दोलन 2-छायावाद 3-प्रगतिवाद 4- राष्ट्रवाद 5- अस्तित्ववाद 6- [illegible]	

पाठ्यक्रम का नाम . बी०ए० हिन्दी सेमेस्टर :पुराना पाठ्यक्रम

कोर्स 01 . हिन्दी भाषा का उद्भव विकास एवं लिपि

कोर्स आउटकम . शिक्षार्थी को हिन्दी भाषा की बोलियों शैलियों इतिहास एवं हिन्दी की संवैधानिक और तकनीकी प्रस्थिति का ज्ञान होगा।

कोर्स 02 . साहित्य का स्वरूप एवं साहित्य विधाएँ

कोर्स आउटकम . शिक्षार्थी साहित्य के स्वरूप प्रयोजन और उसकी विविध विधाओं का परिचय पा सकेगा।

कोर्स 03 . काव्यांग परिचय

कोर्स आउटकम . शिक्षार्थी काव्य के रसास्वादन और परिशंसा की क्षमता विकसित कर सकेगा।

कोर्स 04 . हिन्दी कविता आदिकाल से रीतिकाल तक

कोर्स आउटकम . शिक्षार्थी कविता के इतिहास और प्रवृत्तियों का परिचय पा सकेगा।

कोर्स 05 . आधुनिक हिन्दी कविता

कोर्स आउटकम . शिक्षार्थी आधुनिक हिन्दी काव्य का इतिहासबोध तथा आलोचनात्मक ज्ञान पा सकेगा।

कोर्स 06 . हिन्दी उपन्यास साहित्य

कोर्स आउटकम . शिक्षार्थी हिन्दी उपन्यास की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा।

कोर्स 07. हिन्दी नाटक एवं एकांकी

कोर्स आउटकम . शिक्षार्थी हिन्दी नाटक की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा।

कोर्स 08 . हिन्दी निबन्ध एवं स्फुट गद्य विधाएँ

कोर्स आउटकम . शिक्षार्थी हिन्दी निबन्ध लेखन से गद्य के सम्बन्ध का ज्ञान पा सकेगा।

कोर्स 09 . हिन्दी कहानी साहित्य

कोर्स आउटकम. शिक्षार्थी हिन्दी कहानी की ऐतिहासिकता और कहानी कला का ज्ञान पा सकेगा।

कोर्स 10 . प्रयोजनमूलक हिन्दी

कोर्स आउटकम . शिक्षार्थी हिन्दी भाषा के व्यावहारिक प्रयोग के क्षेत्र का ज्ञान पा सकेगा।

कोर्स 11 . जनपदीय साहित्य अथवा अस्मितामूलक विमर्श

कोर्स आउटकम . शिक्षार्थी पहाडी बोलियों और लोकाचार की अभिव्यक्ति का ज्ञान पा सकेगा ।

कोर्स आउटकम . शिक्षार्थी अस्मिताओं के विकास और राजनीति से उनके सम्बन्ध का ज्ञान पा सकेगा ।

कोर्स 12 . लोक साहित्य अथवा हिन्दी व्याकरण

कोर्स आउटकम . शिक्षार्थी पहाड़ी बोलियों और लोकाचार की अभिव्यक्ति का ज्ञान पा सकेगा ।

कोर्स आउटकम . शिक्षार्थी हिन्दी के व्याकरण का ज्ञान पा सकेगा ।

पाठ्यक्रम का नाम . बी०ए० हिन्दी वार्षिक .पुराना पाठ्यक्रम

कोर्स 01 . हिन्दी भाषा एवं साहित्य

कोर्स आउटकम . शिक्षार्थी को हिन्दी भाषा की बोलियों शैलियों इतिहास एवं हिन्दी की संवैधानिक और तकनीकी प्रस्थिति का ज्ञान होगा।

कोर्स आउटकम . शिक्षार्थी साहित्य के स्वरूप प्रयोजन और उसकी विविध विधाओं का परिचय पा सकेगा।

कोर्स 02 . काव्यांग एवं हिन्दी कविता

कोर्स आउटकम . शिक्षार्थी काव्य के रसास्वादन और परिशंसा की क्षमता विकसित कर सकेगा। शिक्षार्थी कविता के इतिहास और प्रवृत्तियों का परिचय पा सकेगा।

कोर्स 03 . गद्य एवं नाट्य साहित्य साहित्य

कोर्स आउटकम . शिक्षार्थी हिन्दी उपन्यास की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा।शिक्षार्थी हिन्दी नाटक की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा। शिक्षार्थी हिन्दी कहानी की ऐतिहासिकता और कहानी कला का ज्ञान पा सकेगा। शिक्षार्थी हिन्दी निबन्ध लेखन से गद्य के सम्बन्ध का ज्ञान पा सकेगा।

कोर्स 04 . आधुनिक हिन्दी कविता

कोर्स आउटकम . शिक्षार्थी आधुनिक हिन्दी काव्य का इतिहासबोध तथा आलोचनात्मक ज्ञान पा सकेगा।

कोर्स 5 . प्रयोजनमूलक हिन्दी

कोर्स आउटकम . शिक्षार्थी हिन्दी भाषा के व्यावहारिक प्रयोग के क्षेत्र का ज्ञान पा सकेगा।

कोर्स 6 . जनपदीय साहित्य अथवा उत्तरांचल का हिन्दी साहित्य
कोर्स आउटकम . शिक्षार्थी पहाड़ी बोलियों और लोकाचार की अभिव्यक्ति का ज्ञान पा सकेगा । शिक्षार्थी उत्तरांचल के कवियों लेखकों और उनकी रचनाओं का ज्ञान पा सकेगा।

पाठ्यक्रम का नाम . एम०ए० हिन्दी सेमेस्टर पाठ्यक्रम
कोर्स 01 . हिन्दी साहित्य का इतिहास :आरम्भ से रीतिकाल तक
कोर्स आउटकम . शिक्षार्थी साहित्य के इतिहासलेखन की प्रासंगिकता और हिन्दी साहित्य के प्राचीन इतिहास की विशेषताओं का ज्ञान पा सकेगा।
कोर्स 02 . आदिकालीन एवं निर्गुण काव्य
कोर्स आउटकम . शिक्षार्थी हिन्दी साहित्य के प्राचीन इतिहास की विशेषताओं और साहित्यिक अवदान का ज्ञान पा सकेगा।
कोर्स 03 . मध्यकालीन सगुण एवं रीतिकालीन काव्य
कोर्स आउटकम . शिक्षार्थी हिन्दी साहित्य के मध्यकालीन इतिहास की विशेषताओं और साहित्यिक अवदान का ज्ञान पा सकेगा।
कोर्स 04 . हिन्दी साहित्य का इतिहास :भारतेन्दु युग से अब तक
कोर्स आउटकम . शिक्षार्थी साहित्य के इतिहासलेखन की प्रासंगिकता और हिन्दी साहित्य के आधुनिक इतिहास की विशेषताओं का ज्ञान पा सकेगा।
कोर्स 05 . भारतीय काव्यशास्त्र एवं हिन्दी आलोचना
कोर्स आउटकम . शिक्षार्थी साहित्य के स्वरूप प्रयोजन और उसकी विविध विधाओं का परिचय पा सकेगा। शिक्षार्थी काव्य के रसास्वादन और परिशंसा की क्षमता विकसित कर सकेगा तथा काव्यशास्त्र और आलोचना के सम्बन्ध एवं अन्तर को समझ सकेगा।
कोर्स 06 . आधुनिक गद्य :निबन्ध नाटक एवं अन्य गद्य विधाएँ
कोर्स आउटकम . शिक्षार्थी हिन्दी गद्य की ऐतिहासिकता को समझ सकेगा तथा नाटक की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा। शिक्षार्थी हिन्दी निबन्ध लेखन से गद्य के सम्बन्ध का ज्ञान पा सकेगा तथा गद्य की विविध विधाओं के विकास को समझ सकेगा।
कोर्स 07 . उपन्यास एवं कथा साहित्य

कोर्स आउटकम . शिक्षार्थी हिन्दी उपन्यास की ऐतिहासिकता और साहित्यिकता का ज्ञान पा सकेगा।शिक्षार्थी हिन्दी कहानी की ऐतिहासिकता और कहानी कला का ज्ञान पा सकेगा।

कोर्स 08 . पाश्चात्य काव्यशास्त्र

कोर्स आउटकम . शिक्षार्थी साहित्य के स्वरूप प्रयोजन और उसकी विविध विधाओं का परिचय पा सकेगा। शिक्षार्थी काव्य के रसास्वादन और परिशंसा की पश्चिमी पद्धतियों का ज्ञान पा सकेगा एवं काव्यशास्त्र और आलोचना के सम्बन्ध और अन्तर को समझ सकेगा।

कोर्स 09 . आधुनिक काव्य ;भारतेन्दु युग से उत्तर छायावाद तक

कोर्स आउटकम . शिक्षार्थी आधुनिक कविता के इतिहास और प्रवृत्तियों का परिचय पा सकेगा। शिक्षार्थी आधुनिक हिन्दी काव्य का इतिहासबोध तथा आलोचनात्मक ज्ञान पा सकेगा।

कोर्स 10 . भाषाविज्ञान एवं हिन्दी भाषा

कोर्स आउटकम . शिक्षार्थी भाषाविज्ञान का सैद्धान्तिक ज्ञान पा सकेगा।

कोर्स 11 . आधुनिक काव्य ;छायावादोत्तर हिन्दी कविता

कोर्स आउटकम . शिक्षार्थी छायाचवादोत्तर आधुनिक कविता के इतिहास और प्रवृत्तियों का परिचय पा सकेगा। शिक्षार्थी छायावादोत्तर हिन्दी काव्य का इतिहासबोध तथा आलोचनात्मक ज्ञान पा सकेगा।

कोर्स 12 . लघुशोधप्रबन्ध अथवा भारतीय साहित्य अथवा जयशंकर प्रसाद अथवा चंद्रकुंवर बर्त्वाल

कोर्स आउटकम . शिक्षार्थी हिन्दी की अनुसंधान पद्धतियों का व्यावहारिक ज्ञान पा सकेगा अथवा भारतीय साहित्य की एकता और विविधता का परिचय पा सकेगा अथवा उपर्युक्त में से किसी एक कवि का गहन अध्ययन कर सकेगा।

कोर्स 13 . सूरदास अथवा तुलसीदास अथवा हिन्दी नाटक और रंगमंच अथवा प्रेमचन्द

कोर्स आउटकम . शिक्षार्थी हिन्दी नाटक और रंगमंच का ऐतिहासिक एवं कलात्मक ज्ञान पा सकेगा अथवा उपर्युक्त में से किसी एक कवि या लेखक का गहन अध्ययन कर सकेगा।

कोर्स 14 . भाषाविज्ञान एवं हिन्दी भाषा

कोर्स आउटकम . शिक्षार्थी हिन्दी के संदर्भ में भाषाविज्ञान का सैद्धान्तिक ज्ञान पा सकेगा। शिक्षार्थी को हिन्दी भाषा की बोलियों शैलियों इतिहास एवं हिन्दी की संवैधानिक और तकनीकी प्रस्थिति का ज्ञान होगा।

कोर्स 15 . प्रयोजनमूलक हिन्दी और मीडियालेखन

कोर्स आउटकम . शिक्षार्थी हिन्दी भाषा के व्यावहारिक प्रयोग के क्षेत्र का ज्ञान पा सकेगा।

कोर्स 16 . संस्कृत अथवा गढ़वाली लोक साहित्य अथवा अनुवाद सिद्धान्त और प्रयोग

कोर्स आउटकम . शिक्षार्थी संस्कृत का अध्ययन करके भाषाओं के विकास की परम्परा को ग्रहण कर सकेगा। अथवा शिक्षार्थी पहाड़ी बोलियों और लोकाचार की अभिव्यक्ति का ज्ञान पा सकेगा अथवा अनुवाद की सैद्धान्तिक और व्यावहारिक क्षमता का विकास कर सकेगा।

कोर्स 17 . जनपदीय भाषा साहित्य अथवा हिन्दी आलोचना साहित्य अनुसंधान प्रविधि और प्रक्रिया

कोर्स आउटकम . शिक्षार्थी पहाड़ी बोलियों और लोकाचार की अभिव्यक्ति का ज्ञान पा सकेगा अथवा हिन्दी आलोचना के विकास का ज्ञान पा सकेगा अथवा शिक्षार्थी हिन्दी की अनुसंधान पद्धतियों का व्यावहारिक ज्ञान पा सकेगा।

(प्रो० अरविन्द कुमार अवस्थी)

विभागाध्यक्ष
हिन्दी विभाग
वीर शहीद केसरी चन्द
राजकीय स्नातकोत्तर महाविद्यालय
डाकपत्थर (विकासनगर) देहरादून

V.S.K.C. RAJKIYA SNATAKOTAR MAHAVIDYALAYA, DAKPATHAR

Programme Outcomes (POs):

PO 1- Knowledge: The students develop a scientific understanding of the past which enables them tounderstand the history of India as well as the history of the world.

PO 2 - Problem Analysis: The students develop a logical understanding of the past which enable them tomake sense of the current societal problems in their historical context. The students gather intimateknowledge of the genesis and evolution of the social, economic, cultural and political formations ofhuman past.

PO 3 -Historical Research: Use historical research methods to generate knowledge about the various anddiversified issues relating to the past.

PO 4 -Conservation and Preservation: Conservation and preservation of art, culture and heritage of theHimalayan region. The department has Himalayan Museum since 1987, which has specifically beendevoted to display, conserve and preserve the artefacts of the Himalayan region.

PO 5 -Modern methods usage: Select and apply appropriate methods, techniques, resources and modern ITtools for generation and dissemination of historical knowledge.

PO 6 -History and society: Apply reasoning informed by the contextual knowledge of human past to assesscurrent state of society, economy, environmental, cultural, and political and other related issues.

PO 7 -Career Prospects: Enable them in understanding significance of the subject for various competitiveexaminations.

PO 8 -Individual and team work: Function effectively as an individual.

PO 9- Communication: Communicate the outcome of the historical research through writings

PO 10 -Life-long learning: Recognize the need for and have the capability of critically evaluating andanalysing the past for a better understanding of human past.

Course Outcomes: B.A. 1st YEAR

The present course will be useful in providing a comprehensive understanding to the evaluation of early Indian societyand the student will be able to identify the forces and factors that shaped the course the course of early Indian history.The students will develop a critical awareness of various categories of sources for the study of ancient Indian history.They will learn the analytical skills to explore the development of India's religious systems and culturalaccomplishments in historical perspective. They will be able to explore the connections between multiple causativefactors and access their relative historical significance. They will understand the process of the rise and decline ofimperial states in early India.

Course Outcomes: B.A. 2nd YEAR

This paper is designed to develop the understanding of historical processes in India during the period under study. Thispaper covers the development in the field of art, language, culture and religious during medieval period. The studentwill be able to understand the territorial expansion of various Indian kings and impact of Medievalism on Indian Societyand Culture.

Course Outcomes: B.A. 3rd YEAR

The students will be able to trace the British Colonial expansion in the political contexts of mid eighteen th to midnineteenth century India. They will learn about the changes in society, politics, religious and economy during thisperiod. They will also acquire knowledge about the transition of India into a colonized society and economy.

Course Outcomes: Project 1

Student has to prepare research report on any language of Historical importance of his/herinterest to consultation with Supervisor. Supervisor will teach following to their students for enabling studentsto prepare research report.

1-Students will be able to the linguistic diversity of textual sources of Indian History

2- In-depth knowledge of Languages used in Indian- History.

3- The variation among Historical aspect of different languages.

4- Interaction with people with different languages and cultural settings.

5- Study of Historical area of different languages being visited.

6- Learn to prepare language analysis report.

Course Outcomes:Project 2

This paper is designed to develop an understanding of historical developments in India during the colonial rule.Understanding of the process of domination and resistance in this phase of colonial era shall enhance the student'sawareness about modern India. By studying various strands of freedom movement student will be able to appreciatethis phase of Indian past.

Course Outcomes: M.A.

The present course will be useful in providing a comprehensive understanding to the evaluation of early Indian society,history writing, history Methodology, history of Britainand the student will be able to identify the forces and factors that shaped the course of medieval Indian history.The students will develop a critical awareness of various categories of sources for the study of ancient and medieval Indian history.They will learn the analytical skills to explore the development of India's religious systems and culturalaccomplishments in historical perspective. They will be able to explore the connections between multiple causativefactors and access their relative historical significance. They will understand the process of the rise and decline ofimperial states in ancient and medieval India. Through dissertation in M.A. 2nd and 4th semester, students do original research on a historical topic given by the professor.

Program Outcomes (POs)

The program has been formed in such a manner that students receive real feel of quality education by touching all aspects of human lifecycle.

Designed to enhance the capacity of students to understand universal and domain specific values in Home Science.

Develop the ability to address the complexities and interface among to self and national priorities inculcate both genetic and subject-specific skill to succeed in the employment market and standard of life promote research, innovation and designed development favoring all the disciplines in Home Science. This program develops scientific and practical approach among the students which help in their day to day life.

Course outcomes (Cos)

Following outcomes are expected from the students –

B.A. First Year

- Learn about the discipline of Home Science as a holistic field of study covering multiple facet sand requirement of the human beings in day to day living.
- May have capabilities to start earning by enhancing their skills in the field of Nutrition and Textile.

B.A. Second Year

- Develop sensitivity, resourcefulness and competence to render service to enhance development of individuals, families, communities and the nation at large.
- Enhance ability involved in acting as proactive agents of change in promoting the discipline of Families and community Sciences.

B.A. Third Year

- Promote research, innovation and design development favoring all the disciplines of Home Science
- After this degree program students can be benefited by getting jobs in varies fields like government sectors, working inn NGOs, job in as an extension worker, education etc.

B.A. I First Semester

Food and Nutrition

- Gain knowledge of nutrition
- Students will get familiar with different methods of cooking

B.A. I Second Semester

Introduction of Clothing and Textiles

- Learn about the scope of textile and clothing.
- Understanding about why fabrics are different.

B.A. I Second Semester

Human Development (Minor)

- Explains the need and importance of studying human growth and development across lifespan
- Identify the biological and environment factor affecting human development

B.A. II Third Semester

Housing

- Grasp knowledge of housing need & selection of site in real life situation.
- Comprehending housing plans for residential purpose.

B.A. II Forth Semester

Mother craft &Human Development

- Explain the need and importance of studying human growth and development across life span
- Identify the biological and environmental factors affecting human development

B.A. II Forth Semester (Minor)
Human Physiology

- Learn the physical structure of the human.
- Understand the human physiology and system.

B.A. III fifth Semester
Fabric Finishing and Laundry

- Learn about finishing done on fabric.
- Knowing about dyeing fabric.
- Learn how printing on fabrics is carried.

B.A. III Fifth Semester
Resource Management

- Gain knowledge about time, money & energy as a resource.
- Learn the family resource management as a whole.

B.A. III Sixth Semester
Dietetics and Therapeutic Nutrition

- Knowledge of principles of diet therapy.
- Develop and understand modification of the normal diet for therapeutic purpose.

B.A. III Sixth Semester
Family Welfare and community Education

- Prepare the students to understand community education.
- Student will get familiar with different areas of family welfare.

Programme: B.Sc. (PCM)

Subject-Mathematics

Programme Outcome:
PO1: It is to give in-depth knowledge of geometry, algebra, calculus, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects.
PO2: The skills and knowledge gained in this program will be helpful for modelling and solving of real life problems.
PO3: Students will become employable in various government and private sector.
PO4: The completing this programme develops enhanced quantitative skills and pursuing higher mathematics and research as well.
PO5: The completion of this programme will enable the learner to use appropriate digital programmes and softwares to solve various mathematical problems.

Programme Specific Outcome:
PSO1: Student should be able to think in a critical manner and develop problem solving skills.
PSO2: Students should be able to recall basic facts about mathematics and display knowledge of conventions such as notations, terminology etc.
PSO3: Students are able to formulate and develop mathematical arguments in a logical manner.
PSO4: Students are motivated and prepare for research studies in mathematics and related fields.
PSO5: Student should be able to apply their skills and knowledge in various fields of studies including, science, engineering, commerce and management etc.

B. Sc. I (SEMESTER-I)
PAPER-I: Matrices, Trigonometry and Differential Calculus (Course Code: UGMAT101T)
Course outcomes:
CO1: The programme outcome is to give foundation knowledge for the students to understand basics of mathematics including applied aspect for developing enhanced quantitative skills and pursuing higher mathematics and research as well.
CO2: By the time students complete the course they will have wide ranging application of the subject and have the knowledge of matrices and basics of differentiation.
CO3: The student will be able to sum the trigonometric series of real and complex numbers and separate the trigonometric function in form of A+iB.
CO4: The main objective of the course is to equip the student with necessary analytic and technical skills. By applying the principles of differentiation, he learns to solve a variety of practical problems in science and engineering.
CO5: The student is equipped with standard concepts and tools at an intermediate to advance level that will serve him well towards taking more advance level course in mathematics.

Paper-II Practical Course Code: UGMAT102P
Course outcomes:
CO1: The main objective of the course is too familiar the student with different computer software such as Mathematica /MATLAB /Maple /Scilab/Maxima etc.

CO2. The students will be able to compute various operations on matrices by using different computer software such as Mathematica /MATLAB /Maple/Scilab/Maxima etc.
CO2. The students will also be able to compute nth derivative of various functions by using different computer software.

B. Sc. I (SEMESTER-II)
PAPER – I Integral calculus and Vector Analysis (Course Code: UGMAT201T)
Course outcomes:
CO1: The Programme outcome is to give foundation knowledge for the students to understand basics of mathematics including applied aspect for developing enhanced quantitative skills and pursuing higher mathematics and research as well.
CO2: By the time students complete the course they will have wide ranging application of the subject and have the knowledge of surface area and volume of shapes.
CO3: The main objective of the course is to equip the student with necessary analytic and technical skills. By applying the principles of integral he learns to solve a variety of practical problems in science and engineering.
CO4: The student is equipped with standard concepts and tools at an intermediate to advance level that will serve him well towards taking more advance level course in mathematics.

B.Sc. II Year (SEMESTER-III)
PAPER-I: Abstract Algebra (Course Code: UGMAT301T)
Course outcomes:
CO1: Understanding of abstract algebraic structures: Students will gain a strong understanding of groups, rings, and fields, including their definitions, properties, and examples.
CO2: Proficiency in proof techniques: Students will develop the ability to construct rigorous proofs using various techniques specific to abstract algebra.
CO3: Application of abstract algebra in problem-solving: Students will apply abstract algebraic concepts to solve problems in different mathematical contexts, such as symmetry, isomorphism, factorization, and polynomial rings.

B.Sc. II Year (SEMESTER-IV)
PAPER-I: Differential Equations (Course Code: UGMAT401T)
Course outcomes:
CO1: The objective of this course is to familiarize the students with various methods of solving differential equations of first and second order and to have qualitative applications.
CO2: A student doing this course can solve differential equations and is able to model problems in nature using ordinary differential equations. After completing this course, a student will be able to take more courses on wave equation, heat equation, diffusion equation, gas dynamics, nonlinear evolution equation etc.

B.Sc. III Year (SEMESTER-V)
PAPER-I: Analysis (Course Code: UGMAT501T)
Course outcomes:
CO1: Students will be able to know the basic concepts and developments of real analysis which will prepare the students to take up further applications in the relevant fields.
CO2: On successful completion of the course students should have knowledge about real analysis and that will help them in going for higher studies and research.

CO3: The course is aimed at exposing the students to foundations of analysis which will be useful in understanding various physical phenomena and gives the student the foundation in mathematics.
CO4: Upon successful completion, students will be able to understand the complex variables, analytic functions, complex integration, and residues.

PAPER-II: Numerical Analysis (Course Code: UGMAT505T)
Course outcomes:
CO1: After Successful completion of this course the student will be able to perform error analysis for arithmetic operations.
CO2: Upon successful completion, students will be able to understand the use of interpolation and curve fitting and finite differences.
CO3: After Successful completion of this course students will be able to use some solution methods for solving the linear programming problems.

B.Sc. III Year (SEMESTER-VI)
PAPER-I: Linear Programming Problem (Course Code: UGMAT601T)
Course outcomes:
CO1: The object of the paper is to give students knowledge of basic I. Linear programming problems, Graphical approach, simplex method, Optimality and unboundedness, Two-phase method, Big-M method and their comparison, Duality for solving some LPP.
CO2: The student, after completing the course can go for higher problems in Linear as well as nonlinear Programming and operations research; this will be helpful in getting employment in industry.

PAPER-II: Linear Algebra (Course Code: UGMAT602T)
Course outcomes:
CO1: Fundamental understanding of key concepts in linear algebra.
CO2: Proficiency in matrix operations and solving systems of linear equations.
CO3: Application of linear algebra in mathematics and other fields.
CO4: Development of critical thinking and problem-solving skills.

Minor Elective Courses

B. Sc. I Year (SEMESTER-II)
Minor Elective: Probability (Course Code: MEC01)
Course outcomes:
CO1: Learn about probability density and moment generating functions.
CO2: Know about various univariate distributions such as Bernoulli, Binomial, Poisson, Gamma and exponential distributions.
CO3: Learn about distributions to study the joint behaviour of two random variables.

B.Sc. II Year (SEMESTER- IV)
Minor Elective: Financial Mathematics (Course Code: MEC02)
Course outcomes: On completion of this course, the student will be able to:
CO1: Know the basics of financial markets and derivatives including options and futures.
CO2: Learn about pricing and hedging of options, as well as interest rate swaps.
CO3: Learn about the no-arbitrage pricing concept and types of options.

B.Sc. IV Year (SEMESTER- VIII) Degree with Honours /Research
Minor Elective: Research Methodology (Course Code: MEC03)
Course outcomes: On completion of this course, the student will be able to understand the basics of research and some methodology.

Skill Enhancement Courses

Course Title: Quantitative Aptitude and Logical Reasoning –I

Objective: The objective of this course is to provide students with a thorough understanding of various quantitative aptitude and logical reasoning concepts. The course aims to help students develop their problem-solving and analytical skills by solving problems from different areas.

Course Outcome: Upon completion of the course, students will be able to:
Develop a strong foundation in the number system, percentages, and ratios and proportions.
Understand and apply the concepts of blood relations, coding-decoding, and number series
Solve problems related to averages, mixtures, and allegations.
Solve problems related to calendars and clocks.
Enhance their logical reasoning and analytical

Course Title: Quantitative Aptitude and Logical Reasoning –II

Objective: The objective of this course is to provide the students with a solid foundation of quantitative aptitude and logical reasoning concepts. This course aims to help students develop their analytical and problem-solving skills, which are essential for success in various competitive exams and real-life situations.

Course Outcome: Upon completion of the course, students will be able to:
Understand the basic concepts of quantitative aptitude and logical reasoning.
Apply quantitative techniques in solving real-world problems related to profit & loss, SI & CI etc.
Apply logical reasoning skills to analyze and solve complex problems work and time, time and distance etc.
Interpret and analyze data using various mathematical and statistical techniques.

Course Title: Aptitude and Logical Reasoning –III

Objective: This course aims to develop the students' skills in quantitative aptitude and logical reasoning. It covers various topics such as set theory, Venn diagram, odd one out, arrangements, input-output, direction sense, combinatorics, and probability. This course will enable the students to analyze and solve complex problems by applying mathematical concepts and logical reasoning skills.

Course Outcome: Union completion of the course. Students will be able to:
Solve problems related to set theory and Venn diagram
Identify the odd one out from a given set of objects.
Solve problems related to arrangements.
Solve problems related to direction sense.
Solve problems related to combinatorics.

Apply probability concepts to solve problems.
Analyze and solve complex problems using mathematical concepts and logical reasoning

Quantitative Aptitude and Logical Reasoning -IV

Objective: This course is designed to achieve several objectives aimed at improving the students' quantitative aptitude and logical reasoning skills. One of the primary objectives is to enhance the students' problem-solving abilities by teaching them various techniques and approaches for solving complex problems. By the end of this course, students will have a solid grasp of various topics such as blood relations, coding-decoding, theory of equations, geometry, mensuration, data interpretation, and reasoning, and they will be equipped with the skills necessary to apply these concepts in their personal and professional lives.

Course Outcome: Upon completion of the course. Students will be able to:
Understand and apply the concepts of blood relations and coding-decoding in problem-solving.
Solve problems related to theory of equations and geometry.
Calculate the area and volume of various geometrical figures in mensuration.
Interpret and analyze data using various data interpretation and reasoning techniques.
Develop logical reasoning skills for solving problems in various competitive exams.

Programme: M.Sc. (Mathematics)

Programme Outcome:

PO1: It is to give in-depth knowledge of differential geometry, Operational research, metric space, Topology, mechanics, statistics, linear algebra, calculus of variation, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects.
PO2: The skills and knowledge gained in this program will be helpful for modelling and solving of real life problems.
PO3: Students will become employable in various government and private sector.
PO4: The completing this programme develops enhanced skills and pursuing higher research.

Course Outcome:

PSO1: Students should be able to recall basic facts about mathematics and display knowledge of conventions such as notations, terminology etc.
PSO2: Student should be able to think in a critical manner and develop problem solving skills.
PSO3: Students are able to formulate and develop mathematical arguments in a logical manner.
PSO4: Student should be able to apply their skills and knowledge in various fields of studies including, science, engineering, commerce and management etc.
PSO5:
Students are motivated and prepare for research studies in mathematics and related fields.

V.S.K.C. GOVT. P.G. COLLEGE DAKPATHAR (VIKASNAGAR) DEHRADUN

Department of Physics

B.Sc. PHYSICS

Programme outcomes (POs): Students having Degree in B.Sc. (with Physics) should have knowledge of different concepts and fundamentals of Physics and ability to apply this knowledge in various fields of academics and industry. They may pursue their future career in the field of academics, research and industry.

PO 1. Competence in the methods and techniques of calculations using Mechanics. 2. Students are expected to have hands-on experience to apply the theoretical knowledge to solve practical problems.

PO 2. Students are expected to have deep understanding of electricity and magnetism. 2. Student should be able to make basic electrical circuits and handle electrical instruments.

PO 3. Competence in the concepts of Thermodynamics and Statistical Physics. 2. Students are expected to have hands on experience in Thermal Physics and Statisctical Physics Experiments.

PO 4 Knowledge of different concepts in Optics. 2 Students are expected to have hands on experience of Experiments of Optics

PO 5. Knowledge of basic concepts of Solid State Physics with their applications 2. Students are expected to have an insight in handling electronic instruments.

PO 6. Comprehensive knowledge of Analog & Digital Principles and Applications. 2. Learn the integrated approach to analog electronic circuitry and digital electronics for R&D. Programme specific outcomes

Programme specific outcomes (PSOs): UG I Year / Certificate course in Basic Physics

After completing this certificate course, the student should have • Acquired the basic knowledge of Mechanics, Electricity and Magnetism. • Hands-on experience to apply the theoretical knowledge to solve practical problems of basic physical phenomena. He should be able to carry out experiments to understand the laws and concepts of Physics. • An insight in understanding electrical circuits and in handling electrical instruments

Programme specific outcomes (PSOs): UG II Year/ (Diploma in Applied Physics)

After completing this diploma course, the student should have • Knowledge of different concepts in Thermodynamics, Statistical Physics and Optics. • Knowledge of different aspects of Thermal Physics which serves as a basis for many physical systems used in industrial applications and deals with the physics and technology of Engines and Refrigerators. • A deeper insight in Optics to understand the Physics of many optical instruments which are widely used in research and Industry, Optoelectronics, IT and communication devices, and in industrial instrumentation. • Knowledge of basic concepts of optical instruments with their applications in technology.

Programme specific outcomes (PSOs): UG III Year / Bachelor of Science

After completing this degree course, the student should have: PSO 1 Knowledge of Mechanics and basic properties of matter. The course will empower him to apply his theoretical knowledge in various physical phenomena that occur in day to day life and he can use this scientific knowledge for the betterment of the society. PSO2 Understanding of basic concepts related to Electricity and Magnetism. He should be proficienct in designing and handling different electrical circuits PSO3 Expertise in different aspects of Thermal and Statistical Physics which serves as a basis for many physical systems used in industrial applications and deals with the physics and technology of Engines and Refrigerators. PSO4 Proficient in the field of Optics which will increase his demand in research and industrial establishments engaged in activities involving optical instruments. PSO5 Basic knowledge in the field of Modern physics, which have utmost importance at both undergraduate and graduate level. PSO6 • Comprehensive knowledge of Analog & Digital Principles and Applications. • Learn the integrated approach to analog electronic circuitry and digital electronics for R&D.

Course Outcomes

1. Understanding of Vector Algebra and Vector Calculus.
1. 2.Understand the physical interpretation of gradient, divergence and curl.
2. Study of gravitational field and potential and understanding of Kepler's laws of Planetary motion.
3. Understanding of different frames of references and conservation laws.
4. Understand the dynamics of rigid body and concept of moment of inertia. Study of moment of inertia of different bodies and its applications.
5. Study the properties of matter, response of the classical systems to external forces and their elastic deformation and its applications.
6. Comprehend the dynamics of Fluid and concept of viscosity and surface tension along with its applications.
7. Understanding the basic idea of waves and oscillations through Simple harmonic motion
8. 9.Experimental physics has the most striking impact on the industry wherever the instruments are used to study and determine the mechanical properties.
9. Measurement precision and perfection is achieved through Lab Experiments.
10. 11.Understanding of Electric Field and Potential. Evaluation of Electric Field and Potential for different types of charge distributions.
11. Study of Electric and Magnetic Fields in matter. Understand the concept of polarizability, Magnetization and Electric Displacement Vector.
12. Study of Steady and Varying electric currents.
13. Understanding of different aspects of alternating currents and its applications.
14. Understand the Magnetostatics, Lorentz Force and Energy stored in magnetic Field.
15. 16.Comprehend the different aspects of Electromagnetic induction and its applications.
16. Understanding the relation between electricity and magnetism.
17. Experimental physics has the most striking impact on the industry wherever the instruments are used to study and determine the electric and magnetic properties.

18. Measurement precision and perfection is achieved through Lab Experiments

M.Sc. PHYSICS

Programme outcomes (POs): Students having Degree in M.Sc. (with Physics) should have knowledge of different concepts and fundamentals of Physics and ability to apply this knowledge in various fields of academics and industry. They may pursue their future career in the field of academics, research and industry.

Ist Sem

1. Classical Mechanics :
2. Astrophysics:
3. Mathematical Physics:
4. Electrodynamics:

IInd Sem

1. Atomic
2. Molecula:
3. Spectro
4. Statistical

IIIrd Sem

1. Advance Quantum Mechanics
2. Nuclear
3. Particle Physics
4. Codence Matter Physics

IVth Sem

1. Computational Physics
2. Environment Physics
3. Laser Physics
4. Coondense Matter Physics B
5. Electrodynamics B

V.S.K.C. RAJKIYA SNATAKOTAR MAHAVIDYALAYA DAKPATHAR

Programme Outcomes (POs):

- **PO 1- Knowledge:** The students learn about the theory and practice of government and politics at various levels, including local, state, national, and international. They also learn about the social systems that people operate within.
- **PO 2 - Problem Analysis:** The students develop critical thinking skills and to communicate effectively in writing and orally. Developing research skills: Students learn how to ask and answer political questions by conducting research using a variety of sources, including libraries, documentaries, and interviews.
- **PO 3-Critical thinking:** Students develop the ability to analyze and think critically about political issues and related fields
- **PO 4- Research:** Students learn how to choose and use appropriate methods to conduct research
- **PO 5-Political analysis:** Students learn how to analyze contemporary political developments
- **PO 6- Problem-solving:** Students learn how to use their knowledge and skills to solve real-world problems
- **PO 7- Interdisciplinary work:** Students learn how to work effectively in multi-disciplinary teams
- **PO 8- Data evaluation:** Students learn how to access and evaluate data from various sources
- **PO 9- Political awareness:** Students develop awareness of ethical problems, social rights, values, and responsibility to others
- **PO 10- Political change:** Students learn to understand and follow changes in political behavior, ideas, and structures
- **PO 11- Comparative analysis:** Students learn to make logical inferences about social and political issues using comparative and historical knowledge.

Course Outcomes: B.A. 1st YEAR

Understanding Politics is integral and indispensable for a comprehensive and critical study of political science. The course is designed to train a student in the foundational issues of political science, which is relevant for any in depth study and research. Understanding Politics is integral and indispensable for a comprehensive and critical study of political science. The course is designed to train a student in the foundational issues of political science, which is relevant for any in depth study and research. Understanding Politics is integral and indispensable for a comprehensive and critical study of political science. The course is designed to train a student in the foundational issues of political science, which is relevant for any in depth study and research. Politics is the mirror of the society. This paper will help the student in furthering his understanding of the world around. Comparison is widely used method of scientific knowledge.

Course Outcomes: B.A. 2nd YEAR

This course the ancient and modern political thinking in the West. This would help to understand the idea of state, rights, liberty, equality, and justice which have evolved over a period of time. Acquaintance to Indian National Movement & Constitution is indispensable for a student to make a sense of Indian Political System. The course is designed to provide an overview of Indian freedom Struggle and key concepts of the Indian constitution to the student, which would evolve him into a conscientious citizen.

Course Outcomes: B.A. 3rd YEAR

This course seeks to equip students the basic tools for understanding International relations. It also introduces major events and developments that have shaped the contemporary international system. It aims to capture the changing dynamics of the international politics by taking up burning and relevant issues which have potential to alter its contours. Administration being essential to every organization, this course aims to acquaint a student with fundamentals of public administration too. This would provide him an insight regarding

the principles of administration in general and help him to bring out the best from existing set up.

Course Outcome: Project 1

This paper intends to develop a comprehensive insight in the students so that given an opportunity they can initiate a minor research proposal or attempt a minor dissertation on their area of interest.

Course Outcome: Project 2

This paper intends to develop a comprehensive insight in the students so that given an opportunity they can initiate a minor research proposal or attempt a minor dissertation on their area of interest.

Course Outcomes: M.A.

Understanding the Indian Constitution so that the students can learn about the Indian Constitution, its operation at the central and state levels, and the different constitutional authorities. Students learn to analyze the operation of power politics at the state, national, regional, and global levels. Students learn the basic concepts and theories of political science and analyze the interrelationship between the historical, political, economic, cultural, and geographic dimensions of political science. Students learn to apply research methods to analyze, describe, interpret, and explain aspects of political science. Addressing problems: Students learn to address problems related to political science in a cooperative manner and critical faculties to analyze political issues. The course seeks to teach students academic knowledge while also developing political values. They get a solid understanding of a variety of topics, such as international organisations and international relations.

Vocational/Skill Development Minor Courses

Subject: Sanskrit	
Course Code:SAN/UGVM02	Course Title: नित्यनैमित्तिक अनुष्ठान
Course Outcomes: अधिगमउपलब्धि 1. विद्यार्थी भारतीय पारंपरिक कर्म काण्ड एवं सांस्कृतिक मूल्यों से परिचित होंगे। 2. नित्यनैमित्तिक अनुष्ठान विधि को जानकर जीवन को नियमबद्ध एंव आचरणशील बनाने में समर्थ होंगे। 3. भारतीय कर्मकाण्ड के प्रामाणिक शास्त्रीय रूप से परिचित होकर उसकी व्यवहारिक उपयोगिता जानने योग्य बनेंगे। 4. सामान्य अनुष्ठान संपन्न कराने योग्य कुशल और पौरोहित्य कर्म विशारद बनेंगे। 5. आत्मनिर्भर भारत की संकल्पना को साकार करने में सक्षम एवं आत्मनिर्भर बनेंगे।	
Credits:3	

Vocational/Skill Development Minor Courses

Subject: Sanskrit	
Course Code:SAN/UGVM01	Course Title: ज्योतिष शास्त्र के मूलभूत सिद्धान्त
Course Outcomes: अधिगम उपलब्धि 1. भारतीय प्राचीन ज्ञान के प्रति अभिरूचि उत्पन्न होगी। 2. भारतीय ज्योतिष शास्त्र का सामान्य ज्ञान प्राप्त कर सकेंगे। 3. ज्योतिष के विभिन्न सिद्धांतों के माध्यम से विश्लेषण क्षमता जागृत होगी। 4. पंचांग अवलोकन एवं निर्माण कौशल का विकास होगा।	

DEGREE COURSE IN UG		
Programme: *Degree Course in Arts- Sanskrit*		
	Year: III	Semester:VI Project
Subject: Sanskrit		

CourseCode: SANRP306	Course Title: वैदिक वाङ्मय पर आधारित लघु शोधकार्य

Course Outcomes: अधिगम उपलब्धि

1.विद्यार्थी लघुशोधकार्य के माध्यम से शोधप्रविधि से सुपरिचित होंगे।
2.वैदिक वाङ्मय के विविध ग्रन्थों से परिचित होंगे।
3.वेद, वैदिक संहिता, ब्राह्मण ग्रन्थ, आरण्यक ग्रन्थ, उपनिषद् ,वेदाङ्ग एवं वैदिक साहित्य की पृष्ठभूमि में रचित ग्रन्थों से सुपरिचित होंगे।
4.लघुशोधकार्य के पश्चाद् बृहद्शोधकार्य के प्रति उत्साहित होंगे।
5.शोध सर्वेक्षण के माध्यम से अन्य विषयों में शोधकार्य की सम्भावनाओं से अवगत होंगे।

Credits: 4

Project

DEGREE COURSE IN UG			
Programme: *Degree Course in Arts- Sanskrit*			
Subject: Sanskrit		Year: III	Semester: VI Paper-II
CourseCode: SANCC305	Course Title: धर्मशास्त्र : स्मृतियाँ एवं अर्थशास्त्र		

Course Outcomes: अधिगम उपलब्धि

1. स्मृति साहित्य का सामान्य परिचय प्राप्त कर सकेंगे।
2. मनुस्मृति के माध्यम से भारतीय संस्कृति एवं संस्कार का अवबोध कर सकेंगे।
3. याज्ञवल्क्य स्मृति के अध्ययन से आचार एवं व्यवहार का सम्यक् ज्ञान प्राप्त कर सकेंगे।
4. कौटिलीय अर्थशास्त्र के अध्ययन से राज्यव्यवस्था, कृषि, न्याय एवं राजनीति आदि के मूलभूत सिद्धान्तों का अवबोध कर सकेंगे।

Credits: 5

DEGREE COURSE IN UG

Programme: *Degree Course in Arts- Sanskrit*

Subject: Sanskrit		Year: III	Semester:VI Paper-I
CourseCode: SANCC304	Course Title: वैदिकवाङ्मय		

Course Outcomes: अधिगम उपलब्धि

1. वैदिकवाङ्मय संस्कृत की समृद्ध परम्परा को समझने में पर्याप्त सहायक होगा।
2. वेदोक्त संदेशों एवं मूल्यों के माध्यम से आचरण का उदात्तीकरण होगा।
3. वैदिक सूक्तों के माध्यम से विद्यार्थी को तत्कालीन अध्यात्म, समाज एवं राष्ट्र का दिग्दर्शन होगा।
4. वेदाङ्ग के सम्यक्बोध से सर्वकल्याणार्थ उनका उपयोग करेगें।

DEGREE COURSE IN UG

Programme: *Degree Course in Arts- Sanskrit*	Year: III	Semester:V Project
Subject: Sanskrit		

CourseCode: SANRP303	Course Title: संस्कृत साहित्य की विविध विधाओं पर लघु शोध कार्य

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी लघुशोधात्मक अध्ययन एवं कार्य के माध्यम से संस्कृत साहित्य की विविध विधाओं से परिचित होगें।
2. संस्कृत साहित्य के प्रसार के लिए संस्कृत साहित्य अध्ययन सहायक होगा।
3. विद्यार्थी संस्कृत साहित्य के अध्ययन के माध्यम से शोध कार्य में कुशलता प्राप्त कर सकेंगे।

Credits: 4	Project

DEGREE COURSE IN UG

Programme: *Degree Course in Arts- Sanskrit*		
	Year: III	Semester:V Paper-II
Subject: Sanskrit		
CourseCode: SANCC302	Course Title: उपनिषद्, पुराण एवं स्तोत्रकाव्य	

Course Outcomes: अधिगम उपलब्धि

1. उपनिषद् का सामान्य परिचय एवं निहित उपदेशों का अवबोध होगा।
2. पुराणों के परिचय से सांस्कृतिक एवं सामाजिक चेतना से परिचित होंगे।
3. स्तोत्र काव्य के परिचय से कल्याण परक तथ्यों से परिचित होकर आत्मोत्कर्ष की अभिप्रेरणा प्राप्त होगी।
4. स्तोत्र काव्य के रहस्य द्वारा सृष्टि कल्याणार्थ भाव विकसित होंगे।

Credits: 5

<table>
<tr><td colspan="4">DEGREE COURSE IN UG</td></tr>
<tr><td colspan="4">Programme: Degree Course in Arts- Sanskrit</td></tr>
<tr><td colspan="2"></td><td>Year: III</td><td>Semester:V
Paper-I</td></tr>
<tr><td colspan="2">Subject: Sanskrit</td><td></td><td></td></tr>
<tr><td>CourseCode:
SANCC301</td><td colspan="3">Course Title: काव्यशास्त्र, दर्शन एवं व्याकरण</td></tr>
<tr><td colspan="4">Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी काव्यशास्त्र के उद्भव और विकास से सुपरिचित होकर काव्यशास्त्रीय तत्त्वों को समझने में सक्षम होंगे।
2. भारतीय दार्शनिक तत्त्वों का सामान्य ज्ञान प्राप्त होगा।
3. दार्शनिक तत्त्वों के प्रति विश्लेषणात्मक एवं तार्किक क्षमता का विकास होगा।
4. व्याकरणशास्त्र के ज्ञान के माध्यम से शुद्ध वाक्य विन्यास कौशल का विकास हो सकेगा।</td></tr>
<tr><td colspan="3">Credits:5</td><td>Core Compulsory</td></tr>
</table>

DIPLOMA COURSE IN UG		
Programme: *Diploma Course in Arts- Sanskrit*	Year: II	Semester:IV Paper-I
Subject: Sanskrit		

CourseCode: SANCC202	Course Title: संस्कृत साहित्य, साहित्यकार परिचय एवं निबन्ध

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी संस्कृत साहित्य का सामान्य ज्ञान प्राप्त कर पद्यसाहित्य एवं गद्यसाहित्य से सुपरिचित हो सकेंगे।
2. सम्बन्धित साहित्य के अध्ययन से पद्यसाहित्य की सुगीतात्मकता का सौन्दर्य बोध कर सकेंगे।
3. सम्बन्धित साहित्य के माध्यम से उनका नैतिक एवं चारित्रिक उत्कर्ष होगा।
4. प्राचीन एवं अर्वाचीन संस्कृत साहित्यकारों के अध्ययन से प्रेरणा प्राप्त कर सकेंगे।
5. विद्यार्थियों में निबन्ध एवं अनुच्छेद लेखन क्षमता को विकास होगा।

Credits: 6

DIPLOMA COURSE IN UG		
Programme: *Diploma Course in Arts- Sanskrit*	Year: II	Semester:III or IV

Subject: Sanskrit	
CourseCode: SANME203	Course Title: श्रीमद्भगवद्गीता का अध्ययन

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी श्रीमद्भगवद्गीता के अन्तर्गत प्रतिपाद्य विषय से अवगत हो सकेंगे।
2. श्रीमद्भगवद्गीता के माध्यम से कर्मसिद्धान्त एवं अध्यात्मज्ञान प्राप्त कर सकेंगे।
3. मानवजीवन में ज्ञान के महत्त्व को आत्मसात करने में सक्षम होंगे।
4. विद्यार्थी आत्मप्रबन्धन के क्षेत्र में दक्षता प्राप्त कर सकेंगे।

DIPLOMA COURSE IN UG		
Programme: Diploma *Course in Arts- Sanskrit*	Year: II	Semester:III Paper-I
Subject: Sanskrit		

CourseCode: SANCC201	Course Title: संस्कृत साहित्य, भारतीय संस्कृति एवं व्याकरण

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी संस्कृत साहित्य का सामान्य परिचय प्राप्त कर काव्य रचनाओं से परिचित हो सकेंगे।
2. भारतीय संस्कृति के अध्ययन से विद्यार्थी संस्कृति की विशेषताओं से परिचित होंगे जिससे उनका नैतिक एवं चारित्रिक उत्कर्ष होगा।
3. भारतीय सांस्कृतिक तत्त्वों एवं मूल्यों को आत्मसात् कर भारतीयता के गर्व बोध से युक्त उत्तम नागरिक बनेंगे।
4. संस्कृत व्याकरण का ज्ञान प्राप्त कर उसकी वैज्ञानिकता से सुपरिचित हो सकेंगे।

Credits: 6

CERTIFICATE COURSE IN UG

Programme: *Certificate Course in Arts- Sanskrit*		
	Year: I	Semester:II Paper-I
Subject: Sanskrit		
CourseCode: SANCC102	Course Title: संस्कृतमहाकाव्य, छन्दोऽलंकार एवं नाटक	

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी संस्कृत साहित्य का सामान्य परिचय प्राप्त कर काव्य के विभिन्न भेदों से परिचित हो सकेंगे।
2. संस्कृत महाकाव्य के अध्ययन से उनमें निहित महान् चरित्रो का अध्ययन कर आत्मसात् करेंगे।
3. विद्यार्थी संस्कृत महाकाव्य मे प्रयुक्त रस, छन्द, अलंकारों को समझने की क्षमता प्राप्त करेंगे।
4. संस्कृत महाकाव्यों मे निहित सूक्तों एवं सुभाषित वाक्यों के माध्यम से विद्यार्थियों का नैतिक एवं चारित्रिक उन्नयन होगा।
5. संस्कृत नाटक के अध्ययन से विद्यार्थी संस्कृत नाट्य साहित्य को सामान्य रूप से समझने में सक्षम होगें।
6. नाटक की पारिभाषिक शब्दावली से सुपरिचित होंगे तथा संवाद एवं अभिनय कौशल में पारगत होगें।

Credits:6

Unit III	01 से 100 तक संख्या लेखन तथा संख्या विशेषण– यथा– एकधा, द्विधा, त्रिधा आदि, प्रथमा,द्वितीया आदि, दैनिक व्यावहारिक प्रचलित प्रशासनिक अंग्रेजी शब्दों का संस्कृत रूप एवं संस्कृत में वाक्य रचना अभ्यास। शब्दावली– शरीर वर्ग, परिवार वर्ग एवं भोज्य पदार्थ शब्दावली एवं संस्कृत में वाक्य रचना अभ्यास।	05
Unit IV	कारकप्रयोग, प्रत्यय परिचय, उपसर्गपरिचय, अव्ययपरिचय, वाच्यपरिवर्तन बोध एवं संस्कृत में वाक्यरचना अभ्यास।	
Unit V	पत्रलेखन– शासकीय पत्र एवं अशासकीय पत्र।	15
	हिन्दी वाक्यों का संस्कृत भाषा में अनुवाद, संस्कृत भाषा के वाक्यों का हिन्दी में अनुवाद का अभ्यास।	10
	Class Room Lectures Tutorial, Assignment, Class Room Seminars, Group Discussion etc	50 10 Total- 60

uggested Reading:

CERTIFICATE COURSE IN UG

Programme: *Certificate Course in Arts- Sanskrit*		Year: I	Semester:I or II
Subject: Sanskrit			
CourseCode: SANME103	Course Title: संस्कृत भाषा अध्ययन		

Course Outcomes: अधिगम उपलब्धि

1. संस्कृतभाषा का अध्ययन करने से विद्यार्थियों में व्याकरण के प्रति रूचि उत्पन्न हो सकेगी।
2. संस्कृतभाषा को स्नातक–कलावर्ग के अतिरिक्त वाणिज्य एवं विज्ञानवर्ग के विद्यार्थी भी पढ़ सकते हैं।
3. संस्कृतभाषा के ज्ञान से नैतिकमूल्यों, आध्यात्मिकमूल्यों से युक्त ग्रन्थों के अध्ययन में सुगमता प्राप्त होगी। मूल्यपरक ग्रन्थों के बोध से अपने जीवन का लक्ष्य पूर्ण करने समर्थ होगें।
4. संस्कृतभाषा के अध्ययन से विद्यार्थी अन्य भाषा के स्रोत को सरलता से समझ सकते हैं।
5. संस्कृतसम्भाषण से विद्यार्थियों की वाक्शक्ति का विकास होगा।

Credits:4	Minor/ Elective Paper
Max. Marks: 25 (Internel)+ 75 (External)=100	
Total No. of Lectures-Tutorials-Practical (in hours per week): 4-0-0	

Unit	Topic	No. of Lectures
Unit I	संज्ञा प्रकरण–माहेश्वर सूत्र, प्रत्याहार, संस्कृत वर्णमाला परिचय एवं वर्णों के उच्चारण स्थान। सन्धि प्रकरण–अच् सन्धि –दीर्घ सन्धि, गुण सन्धि, यण सन्धि, वृद्धि सन्धि, अयादि सन्धि, पूर्वरूप सन्धि एवं पररूप सन्धि। हल् सन्धि –श्चुत्व, ष्टुत्व, जश्त्व, चर्त्व, अनुस्वार, लत्व सन्धि। विसर्ग सन्धि – सत्व, उत्व, रत्व, लोप।	15
Unit II	शब्दरूप – राम, हरि, रमा, फल लेखनमात्र एवं शब्दरूपों में प्रयुक्त होने वाले सुप् प्रत्यय बोध। धातुरूप – पठ्, गम्, भू, दा।(पंचलकार– लट्, लृट्, लोट्, लङ्, विधिलिङ्) लेखनमात्र एवं धातुरूप में प्रयुक्त होने वाले तिप् प्रत्यय बोध। सर्वनाम रूप लेखनमात्र– तत्, एतत् (पु0, स्त्री0 एवं नपुं0 लिङ्ग) अस्मद्, युष्मद्।	05

Unit IV	व्याकरण– शब्दरूप लेखन मात्र– राम, रमा, फल, हरि, नदी, गुरु, अस्मद् एवं युष्मद्।	10
Unit V	धातुरूप– पठ्, गम्, भू, कृ, लिख्– पाँचों लकारों में लेखन मात्र– लट्, लृट्, लोट्, लङ् एव विधिलिङ्।	10
	Class Room Lectures Tutorial, Assignment, Class Room Seminars, Group Discussion etc	70 20 Total- 90

CERTIFICATE COURSE IN UG Programme: *Certificate Course in Arts- Sanskrit*		**Year: I**	**Semester:I** **Paper-I**
Subject: Sanskrit			
CourseCode: **SANCC101**	**Course Title:** संस्कृत नीति साहित्य एवं व्याकरण		

Course Outcomes: अधिगम उपलब्धि

1. विद्यार्थी संस्कृत नीति साहित्य से परिचित हो सकेंगे।
2. संस्कृत नीतिसाहित्य की सुगीतात्मकता का सौंदर्यबोध कर सकेंगे।
3. नीति साहित्य में प्रयुक्त नैतिक शिक्षा का बोध कर सकेंगे।
4. संस्कृत व्याकरण का सामान्य ज्ञान प्राप्त कर उसकी वैज्ञानिकता से सुपरिचित हो सकेंगे।
5. संस्कृत वर्णों के शुद्ध उच्चारण कौशल का विकास होगा।
6. स्वर एवं व्यंजन के मूल भेद को समझ कर पृथक् अर्थावगमन की क्षमता उत्पन्न होगी।
7. स्वर, व्यंजन एवं विसर्ग संधि का विशिष्ट ज्ञान एवं उनके अनुप्रयोग का कौशल विकसित होगा।

Credits: 6	**Core Compulsory**
Max. Marks: 25 (釐Internel)+ 75 (External)=100	

Total No. of Lectures-Tutorials-Practical (in hours per week): 6-0-0

Unit	Topic	No. of Lectures
Unit I	नीतिशतकम्– भर्तृहरि (प्रारम्भ की दो पद्धतियाँ)–संस्कृत नीति साहित्य का परिचय, भर्तृहरि का जीवनवृत्त एवं नीति साहित्य को योगदान, मूर्ख पद्धति एवं विद्वत्पद्धति, के श्लोकों का अर्थ एवं व्याकरणात्मक टिप्पणी।	16
Unit II	हितोपदेश–मित्रलाभ (प्रारम्भिक दो कथायें)–नीति कथाओं का विकास एवं महत्त्व, श्री नारायण पण्डित का जीवन वृत्त एवं कृतियों का परिचय, हितोपदेश की प्रथम दो कथाओं का सारांश (वृद्धव्याघ्रपथिकयोः कथा एवं मृगजम्बुकयोः कथा), अनुवाद एवं व्याकरणात्मक टिप्पणी।	17
Unit III	व्याकरण– संज्ञाप्रकरणम्–माहेश्वरसूत्राणि, लघुसिद्धान्तकौमुदी के संज्ञाप्रकरण से सूत्र संख्या– 1/3/3, 1/1/60, 1/3/9, 1/1/71, 1/2/27, 1/2/29, 1/2/30, 1/2/31, 1/1/8, 1/1/9, 1/1/69, 1/4/109, 1/1/7 एवं 1/4/14।	17

Programme specific outcomes (PSOs): UG III Year / Bachelor of Arts with Sanskrit	
PSO1	विद्यार्थी स्नातक उपाधि पाठ्यक्रम के अन्तर्गत मुख्य विषय के रूप मे साहित्य शास्त्र, दर्शन एवं व्याकरण का आधारभूत ज्ञान प्राप्त करेगें।
PSO2	पाठ्यक्रम के अन्तर्गत, उपनिषद् पुराण एवं स्तोत्रकाव्य से परिचित होगें।
PSO3	स्नातक उपाधि के पाठ्यक्रम में विद्यार्थी वैदिकवाङ्मय ,एवं धर्मशास्त्र का ज्ञान प्राप्त करेगें।
PSO4	पाठ्यक्रम के अन्तर्गत भारतीय ज्ञानपरम्परा के अन्तर्गत भारतीय दर्शन, एवं नीतिकथाओं के अध्ययन से विद्यार्थी का चारित्रिक उन्नयन होगा।
PSO5	पाठ्यक्रम के अन्तर्गत स्मृति साहित्य का अध्ययन कर उसके महत्त्व से परिचित होगें।
PSO6	कौटिलीय अर्थशास्त्र के अध्ययन से विद्यार्थी परिचित होगें। इस प्रकार धर्म–दर्शन, आचार–व्यवहार, नीतिशास्त्र के मूल तत्वों को जानकर उत्तम चरित्रवान् मानव एवं कुशल नागरिक बनेंगे। प्रस्तावित विषय–संस्कृत साहित्य की विविध विधाओं एवं वैदिक वाड्मय पर आधारित विषय पर लघु शोध कार्य से विद्यार्थियों की शोधपरक बुद्धि का विकास होगा। सर्वेक्षण, अन्वेषण एवं मनन–चिन्तन से उनका बौद्धिक स्तर बढेगा साथ ही समसामयिक समस्या के निदान का मार्ग भी प्रशस्त होगा।

COURSE INTRODUCTION

Programme outcomes (POs):	
PO1	साहित्य मानव संवेदना की अभिव्यक्ति का प्रमुख स्त्रोत रहा है। कलाओं में यह सम्पूर्ण कला है। साहित्य– समाज का दर्पण है। स्नातक उपाधि में इस विषय के चयन से विद्यार्थी साहित्य के अध्ययन से तात्कालिक समाज एवं संस्कृति से अवगत होगा।
PO2	सहज एवं स्वाभाविक रूप से भाषा–कौशल प्राप्त कर उनमें प्रभावशाली अभिव्यक्ति की क्षमता उत्पन्न होगी।
PO3	आत्मविश्वास से युक्त एवं नेतृत्व क्षमता प्राप्त होगी।
PO4	मूल्यपरक व्यक्तित्व से युक्त होकर भारतीयता के बोध के साथ वैश्विक नागरिक के रूप में भावी चुनौतियों का सामना करने में सक्षम होंगे।
PO5	विद्यार्थी संघ लोक सेवा आयोग एवं प्रादेशिक लोक सेवा आयोगों के परीक्षा पाठ्यक्रम में सम्मिलित संस्कृत साहित्य की आधार एवं अनिवार्य शिक्षा प्राप्त कर सकेंगें।
PO6	विद्यार्थियों को लेखन, वाचन एवं अध्ययन की दृष्टि से भाषागत दक्षता प्राप्त हो सकेगी।

Programme specific outcomes (PSOs):

UG I Year / Certificate cours Arts with Sanskrit

1.सर्वाधिक वैज्ञानिक भाषा के रूप में संस्कृत भाषा के प्राचीन महत्व एवं उसकी वर्तमान प्रासगिकता को जानने–समझने योग्य होंगे।
2.संस्कृत साहित्य के विभिन्न विषयों यथा नीतिसाहित्य,, व्याकरण, महाकाव्य, छन्द, अलङ्कार एवं नाटक इत्यादि से सुपरिचित होकर संस्कृत विषय के महत्त्व का बोध होगा।
3.संस्कृत भाषा अध्ययन, सम्भाषण, से जीविकोपार्जन के योग्य हो जायेगें।

Programme specific outcomes (PSOs):

UG II Year/ Diploma in Arts with Sanskrit

1. संस्कृतसाहित्य, भारतीय संस्कृति ,व्याकरण का बोध हो सकेगा।
2. श्रीमद्भगवद्गीता के अध्ययन से आत्मप्रबन्धन में कुशल होगें।
3. धर्म–दर्शन, आचार–व्यवहार, नीतिशास्त्र के मूलतत्त्वों को जानकर उत्तम चरित्रवान् मानव एवं कुशल नागरिक बनेंगे।
4. संस्कृत साहित्य के अन्तर्गत प्राचीन–अर्वाचीन संस्कृत साहित्यकारों की कृतियों में निबद्ध समसामयिक विषय का बोध होगा।

वीर शहीद केसरी चन्द राजकीय स्नातकोत्तर महाविद्यालय, डाकपत्थर (विकासनगर) देहरादून

Program outcome of M.A. Yoga

योग विज्ञान विभाग, एम0ए0 योग पाठ्यक्रम की रूपरेखा

1– छात्रों को योग के मूल ग्रन्थों से परिचित कराना।
2– योग के माध्यम से छात्रों में सकारात्मक स्वास्थ्य को बढ़ावा देना।
3– योग और अध्यात्म के बारे में छात्रों में वैज्ञानिक सोच विकसित करना।
4– छात्रों में शोध की प्रवृत्ति विकसित करना ताकि वे योग और वैकल्पिक चिकित्सा के क्षेत्र में अच्छे (उन्नत) शोध कर सकें।

Semester-I

(Fundamentals of Yoga 1st Paper)

1– मानव शरीर में योग का महत्व और उनका लक्ष्य होना।
2– विभिन्न प्रकार के ग्रन्थों का अध्ययन।
3– विभिन्न दर्शनों का अध्ययन।
4– मानव जीवन में हठयोग के अनुसार आहार विहार।

Fundamentals Text of Yoga 2nd Paper

1– आसन, प्राणायाम, ध्यान मुद्रा, बन्ध के सम्बन्ध में जानकारी।
2– नाडी सम्बन्धी जानकारी।
3– शरीर में प्राण का महत्व व स्थान।
4– विभिन्न स्वरों का अध्ययन।

Principles of Hath Yoga 3rd Paper

1– हठयोग द्वारा विभिन्न लक्ष्यों की प्राप्ति।
2– विभिन्न चक्रों का अध्ययन।
3– शरीर की शुद्धि के लिए प्राणायाम व षठक्रमों की जानकारी।
4– विभिन्न प्रकार के ध्यान तथा आहार सम्बन्धी ज्ञान।

Anatomy, Physiology and Yogic Practice 4th Paper

1– यह विषय शरीर की रचना और शरीर के कार्य का अर्थ बताता है।
2– योगिक एनाटॉमी से शरीर के अंगों मॉसपेशियों और ऊतको के बारे में जानकारी।
3– शरीर में रक्त सम्बन्धी जानकारी।
4– योग प्रक्रियाओं का उपयोग विभिन्न रोगों के विकारों की चिकित्सा के लिए किया जाता है।

Practical-I 5th Paper

1– नियमित अभ्यास करना।
2– योगाभ्यास के विभिन्न आसनों का परिचय।
3– प्राणायाम की जानकारी।

Practical-II

1– त्रिदोश के बारे में जानकारी देना।
2– आन्तरिक शुद्धि
3– षठक्रमों

Semester-II

Patanjala Yoga Sutra (1st Paper)

1– पांतजल योग सूत्र अध्ययन के द्वारा छात्रों का सवांर्गीण विकास।

2– योग सूत्रों को चार पादों में बताया गया (समाधि पाद, साधन पाद, विभूति पाद, कैवल्य पाद की जानकारी देना)

3– योग सूत्र के अनुसार चित्त की वृत्तियों को समझाना।

4– ईश्वर का स्वरूप का अध्ययन कर छात्र–छात्राओं को आत्मा का स्वरूप समझाना।

Principles of Naturopathy (2nd Paper)

1– प्राकृतिक चिकित्सा के महत्व को समझना।

2– छात्र–छात्राओं की दिनचर्या व रात्रिचर्या का नियमन।

3– विभिन्न प्रकार के उपवास के महत्व की जानकारी प्रदान करना।

4– बुढापे में होने वाली समस्याओं का योगाभ्यास द्वारा निवारण करना।

Fundamentals Text of Yoga II (3rd Paper)

1– भगवत गीता में निष्काम कर्म को समझाना।

2– अजपाजप के महत्व की जानकारी छात्र–छात्रओं को देना।

3– ओम शब्द का शरीर पर प्रभाव को समझाना।

4– अभ्यास के द्वारा छात्र–छात्राओं को ज्ञान योग की जानकारी प्रदान करना।

Alternative Therapies (4th Paper)

1– विभिन्न प्रकार की वैकल्पिक चिकित्सा को जानना।

2– छात्र–छात्राओं को आयुर्वेद के अनुसार आहार विहार की जानकारी प्रदान करना।

3– छात्र–छात्राओं को एक्युप्रेशर पद्धति की जानकारी देना।

4– छात्र–छात्राओं प्राण व प्राणिक हीलिंग चिकित्सा की जानकारी देना।

Practical-I (5th Paper)

1– छात्र–छात्राओं को आसन का परिचय देना।

2– प्राणायाम के प्रकारों से अवगत कराना।

3– मुद्रा और बन्ध एवं ध्यान से अवगत कराना।

Practical-II (6th Paper)

1– छात्र–छात्राओं को प्राकृतिक चिकित्सा का महत्व समझाना।

2– विभिन्न स्नान के प्रकार से अवगत कराना।

3– विभिन्न प्रकार के एक्युप्रेशर बिन्दु की जानकारी देना।

Semester-III

Statistics and Research methodology for Yoga 1st paper

1– योग में सांख्यिकी द्वारा आंकड़ों से संग्रहण करना।
2– समस्या को समझना व उसका निवारण करना।
3– खेलों में सांख्यिकी का महत्व बताना।
4– विद्यार्थियों को सांख्यिकी में योग को बताना।

Teaching methodology of Yoga practice 2nd paper

1– कक्षा प्रबन्धन करना सीखना।
2– पाठ योजना को समझाना।
3– विभिन्न तकनीकी के द्वारा अध्ययन कराना।
4– छात्र–छात्राओं को योग में प्रयोग होने वाले विभिन्न यन्त्रों की जानकारी देना।

Practical and Teaching practice 3rd Paper

1– आसनों की विधियों की जानकारी
2– विभिन्न आसनों का परिचय।

Yoga and Allied science 4th Paper

1– स्वास्थ्य सम्बन्धित जानकारी विद्यार्थियों को देना।
2– आहार विहार सम्बन्धित जानकारी देना।
3– विद्यार्थियों को मूल्यपरक शिक्षा का बोध कराना।
4– योगाभ्यास से शरीर को लचीला बनाने की जानकरी देना।

Yoga and Personal Management 5th Paper

1– आत्म शक्ति को बढ़ाना।
2– ध्यान में विभिन्न चक्रों को जानना।
3– योगभ्यास द्वारा तनाव प्रबन्धन की जानकारी छात्र–छात्रओं को प्रदान करना।
4– योग के विभिन्न अंगो के द्वारा छात्र–छात्राओं व्यक्तित्व विकास करना।

Fundamental of Psychology 6th Paper

1– विभिन्न मानसिक रोगों का योग के माध्यम से निवारण करना।
2– छात्र–छात्राओं को चित्त एवं चित्त वृत्तियों से अवगत कराना।
3– विद्यार्थियों में अनुभूतियों को बताना।
4– डायग्नोस करने की विधि समझाना।

Semester-IV

Yoga Therapy 1st paper

1– रोग एवं योग के बारे में बताना।

2– योग के द्वारा चिकित्सा कराना।

3– योग चिकित्सा के द्वारा रोगों का निवारण बताना।

4– योग के विभिन्न कर्मो के द्वारा शरीरिक शुद्धि के उपाय समझाना।

Dissertation 2nd paper

1– छात्रों को शोध विषय के लिए जागरूक करना।

2– शोध के माध्यम से ज्ञान में वृद्धि।

3– शोध के माध्यम से छात्र–छात्राओं का शिक्षण कार्य प्रभावी बनाना।

Practical 3rd Paper

1– आसन, प्राणायाम, षठकर्म के प्रति छात्रों को जागरूक करना।

2– मुद्रा का अध्ययन कराना।

3– ध्यान के बारे में बताना।

Yoga and Allied science-II 4th Paper

1– आयुर्वेद ग्रन्थ की जानकारी को देना।

2– त्रिदोषो से अवगत कराना।

3– सप्त धातु की जानकारी देना।

4– पंचमहाभूत की जानकारी देना।

Mental Hygiene through Yoga 5th Paper

1– भवातीत ध्यान के माध्यम से चक्रों को समझाना।

2– मानसिक स्वास्थ्य को भक्ति योग से उन्नत कराना।

3– विद्यार्थियों को कर्मयोग के बारे में बताना।

4– छात्र–छात्राओं को विभिन्न प्रकार के ध्यान से अवगत कराना।

Spirituality and Science 6th Paper

1– विभिन्न प्रकार के रंगों का ज्ञान कराना।

2– अपने आभा मण्डल को पहचनाना।

3– चेतना से अवगत कराना।

4– कुण्डलीनी शक्ति व चक्रो के स्थान से परिचित कराना।

वीर शहीद केसरी चन्द राजकीय स्नातकोत्तर महाविद्यालय, डाकपत्थर (विकासनगर) देहरादून

Program outcome of P.G.D.Y.S.

पाठ्यक्रम– पी.जी.डिप्लोमा इन यौगिक सांइस (एक वर्षीय पाठ्यक्रम)

1– महाविद्यालय में वर्ष 2006 से अद्यतन यह पाठ्यक्रम संचालित हो रहा है।

2– इस पाठ्यक्रम का उद्देश्य छात्र/छात्राओं का शारीरिक, मानसिक व आध्यात्मिक विकास करना है।

3– यह डिप्लोमा पाठ्यक्रम छात्र/छात्राओं को भारतीय प्राचीन विद्या योग विद्या की आधारभूत जानकारी प्रदान करता है।

4– यह पाठ्यक्रम विद्यार्थियों में उच्च शिक्षा के साथ–साथ उनका अपने स्वास्थ्य के प्रति सकारात्मक दृष्टिकोण का भी विकास करता है।

5– यह पाठ्यक्रम छात्र/छात्राओं में सामाजिक सद्भाव विकसित करता है।

6– यह योग डिप्लोमा पाठ्यक्रम विद्यार्थियों के शिक्षण प्रदर्शन को बेहतर बनाता है।

Semester-I

योग के आधारभूत तत्व (Fundamentals of Yoga 1st Paper)

1– यह विषय योग विद्या के महत्व व उसके मानव शरीर पर प्रभाव को बताता है।

2– प्राचीन भारतीय शिक्षा पद्धति व भारतीय ग्रन्थों का बोध कराता है।

3– मानव जीवन में आहार व विहार का छात्र–छात्राओं को जानकारी प्रदान करता है।

4– यह विषय विद्यार्थियों के उच्च चरित्र का निर्माण करता है।

शरीर रचना क्रिया विज्ञान Anatomy, Physiology and Yogic Practice 2nd Paper

1– मानव की शरीरिक क्रिया का बोध करवाना है।

2– छात्र–छात्राओं को शरीर के अंगो व मांस पेशियों की जानकारी प्रदान कराता है।

3– शरीर में रक्त सम्बन्धी जानकारी प्रदान कराता है।

4– योग आसनों का शरीर पर प्रभाव की जानकारी प्रदान करवाना।

हठ योग के सिद्धान्त Principles of Hath Yoga 3rd Paper

1– छात्र–छात्राओं को हठयोग द्वारा विभिन्न लक्ष्यों की प्राप्ति में सहायक।

2– शारीरिक शुद्धि के लिए योगिक षठक्रमों व प्राणायामों की जानकारी प्रदान करना।

3– ध्यान के द्वारा मानसिक शक्ति में वृद्धि करना।

4– आसनों के अभ्यास से शारीरिक शक्ति में वृद्धि प्राप्त करना।

प्रयोगात्मक Practical-I 4th Paper

1– विद्यार्थियों को शारीरिक योगिक आसनों का अभ्यास व जानकारी प्रदान करवाना।

2– षट्कर्मो के द्वारा छात्र–छात्राओं को शारीरिक शुद्धि की जानकारी प्रदान करवाना।

3– मुद्रा व बन्धों के अभ्यास के द्वारा शारीरिक स्थिरता की जानकारी प्रदान करना।

4– प्राणायामों के अभ्यास से शरीर को स्वच्छता व स्वस्थता प्रदान करना।

योग एवं सहयोगी विज्ञान–1 Yoga and Allied science-I 5th Paper

1– छात्र–छात्रों को स्वास्थ्य सम्बन्धी जानकारी प्रदान करना।

2– विद्यार्थियों को सन्तुलित आहार की जानकारी प्रदान करना।

3– विभिन्न पोषक तत्वों की जानकारी छात्र–छात्राओं को प्रदान करना।

4– छात्र–छात्राओं को मूल्यपरक शिक्षा की जानकारी प्रदान करवाना।

योग एवं स्वप्रबन्धन Yoga and Personal Management 6th Paper

1– छात्र–छात्राओं को प्रबन्धन की जानकारी प्रदान करवाना।

2– छात्र–छात्राओं को समूह की उपयोगिता के बारे में जानकारी प्रदान करवाना।

3– विद्यार्थियों की क्षमताओं का वृद्धि और विकास में योगदान प्रदान करना।

4– विद्यार्थियों के आत्म विश्वास में सहयोग की भावना की वृद्धि और विकास करना।

Semester-II

पांतजल योग सूत्र Patanjala Yoga Sutra Paper-I

1– पांतजल योग सूत्र के अध्ययन के द्वारा छात्र–छात्राओं को यम नियम की जानकारी प्रदान करवाना।
2– योग सूत्रों के अनुसार चित की वृत्तियों को समझाना।
3– विद्यार्थी को ईश्वर के स्वरूप का अध्ययन करवाना।
4– क्लेशों की निवृति के उपायों को छात्र–छात्राओं को बताना।

प्राकृतिक चिकित्सा सिद्धान्त Principles of Naturopathy Paper-II

1– छात्र–छात्राओं को प्राकृतिक चिकित्सा के महत्व को समझाना।
2– मानव जीवन की दिनचर्या व रात्रिचर्या का अध्ययन करवाना।
3– विद्यार्थियों को ऋतुचर्या की जानकारी प्रदान करवाना।
4– जल चिकित्सा की जानकारी छात्रों को प्रदान करवाना।

योग एवं सहयोगी विज्ञान Yoga and Allied Science- II Paper-III

1– आयुर्वेद के अनुसार छात्र–छात्राओं को स्वास्थ्य की जानकारी प्रदान करवाना।
2– विद्यार्थियों को वात, पित्त, कफ आदि दोषों की जानकारी देना।
3– छात्र–छात्राओं को आयुर्वेद के अनुसार आहार की जानकारी प्रदान करना।
4– पंचकर्म के द्वारा चिकित्सा की शिक्षा प्रदान करवाना।

प्रयोगात्मक Practical-I (Paper-IV)

1– छात्र–छात्राओं को विभिन्न आसनों की जानकारी व अभ्यास करवाना।
2– विद्यार्थियों को विभिन्न प्राणायामों की जानकारी व अभ्यास करवाना।
3– षटकर्मो के माध्यम से विद्यार्थी शारीरिक शुद्धि कर सकेंगे, समझाना।
4– मुद्रा व बन्धों के अभ्यास से छात्र–छात्राओं को शारीरिक स्थिरता प्राप्त कर सकेंगे, समझाना

योग द्वारा मानसिक आरोग्यता Mental Hygiene through Yoga 5th Paper

1– विद्यार्थियों को मानसिक अरोग्यता की शिक्षा प्रदान करवाना।
2– छात्र–छात्राओं को कर्म योग की शिक्षा प्रदान करवाना।
3– ध्यानों के माध्यम से मानसिक रोगों को दूर करने की शिक्षा विद्यार्थियों को प्रदान करना।
4– भवातीत ध्यान के माध्यम से छात्र–छात्राओं का मानसिक विकास में सहायता प्रदान करवाना।

आध्यात्म और विज्ञान Spirituality and Science 6th Paper

1– चेतन्य केन्द्रो (चक्रध्यान) के अभ्यास द्वारा छात्र–छात्राओं का बौद्धिक स्तर में सुधार करवाना।
2– छात्र–छात्राओं का आध्यात्मिक स्तर को उच्च बनाना।
3– लेश्या ध्यान के प्रकारों से छात्र–छात्राओं को अवगत करवाना।
4– मन के स्वरूप की जानकारी विद्यार्थियों को प्रदान करवाना।

V.S.K.C. GOVT. P.G. COLLEGE DAKPATHAR (VIKASNAGAR) DEHRADUN

Department of Zoology

Programme Objective (POs):

PO 1
It will enhance the basic knowledge about the different systems of an organism and the clinical study of biomolecules.
PO 2
It will help students to pursue the initial fundamentals required for future projects and higher studies.
PO 3
It will help to inculcate the evolutionary basis of various animals and their development. It will also address the present situation of animal diversity.
PO 4
It will help students to identify the concepts about various Applied sciences, Immunology, Ichthyology and Medical laboratory techniques related to concerned area.
PO 5
It will help to develop the knowledge on taxonomy of insects and Biotechnology. Also, the conservation of wild animals to enhance the economy gained by the zoological content present in the environment. Knowledge of research methodology and Biostatistics will help students in their research career.
PO 6
All the above POs will lead to a mind that can develop modern technologies to address the problems and to give solution to it. This will help students to develop the basis of Animal diversity and its development, which can generate various academic/Research jobs and various other jobs in the field of In-vitro labs, case study of endocrinology in medical labs etc. It will help students to improvise the Agro-Pest relationship, forensic Entomology & its implication it helps to conserve the environment & Ecology also at the same time students will be equipped to explore jobs in Zoological Research i. e. CTB, CSB, ZSI, WII etc. Students will also be benefitted from the knowledge of Research Methodology and Biostatistics during their research career.

Course Objective (CO):

1. The programme in Zoology aims to equip students with recent advances in Zoology from organismic to reductionist biology.
2. It also aims to empower students to understand the challenges of society and the country that falls into the realms of Zoology, such as Aquaculture, Reproductive health, Behavior and Biological time keeping, Cancer Biology, Microbiome and their roles in health and diseases,
3. Bioremediation of pollutants and pesticides, etc. It also offers students to a series of elective courses so that they can choose to specialize in thespecific area of their interests in Zoology.

4. The open elective has been chosen to attract students from diverse interdisciplinary areas of Zoology.
5. In the entire course is designed to ignite the inquisitive mind to enter in to research in interdisciplinary, the major emphasis is on skill-based training into socially relevant areas of Zoology.
6. The bright and ignited mind may enter into research in the contemporary areas of Zoological/Biological Sciences. The broad skills and the deeper knowledge in the field would make them highly successful and excellent researcher in advanced areas of research in the Biological sciences.