



ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA

A Premier Institution, Affiliated to Kurukshetra University,

Kurukshetra

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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA
SESSION:2023-24**

**SUBJECT OUTCOMES
UNDER-GRADUATE
EVEN SEMESTER**



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ARYA KANYA MAHAVIDYALYA

SHAHABAD MARKANDA

SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:BOTANY

LEARNING OUTCOMES (2023-2024)

BOTANY – EVEN SEM

B.SC. MEDICAL

2nd Semester (Plant Taxonomy and Ecology)

STUDENTS WILL BE ABLE TO -

1. Gain knowledge about taxonomy, including rules of nomenclature and other essential aspects.
2. Gain conceptual understanding of angiosperm classification systems and the diversity of families.
3. Learn about ecology and environmental interactions.
4. Know the importance of ecosystem structure, environmental pollution and biodiversity conservation.

4th Semester

Paper 1- Biology and Diversity of Seed Plants -2

STUDENTS WILL BE ABLE TO -

1. Know about Taxonomy, its Components and role
2. Learns about identifications Keys and Taxonomic Ranks
3. Learn about Floral Structures of Angiospermic families and its Economic use

Paper 2- Plant Embryology

Students will be able to-

1. Know about Flower and its Various Floral parts
2. Learns about detail Structure of Micro and Mega sporangium

3. Learn about Dispersal Mechanism in Fruit and Seed.

6th semester

Paper 1 - Biochemistry and Plant Biotechnology

Students will be able to-

1. Learn about different kinds of Enzymes and its role in our daily life
2. Detail account of Various Plant hormones
3. Lipid and Nitrogen Metabolism
4. Role of Genetic Engineering and Biotechnology in our daily life.

Paper 2- ECONOMIC BOTANY

Students will be able to-

1. Learn about Cereal, Pulses, Vegetables and their Economic Uses
2. Know about idea of Cultivation & Economic uses of Spices, Medicinal Plants & Beverages
3. Know about General Account of Timber Yielding Plants



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:CHEMISTRY



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Paper code	Paper name	Out comes	
B.sc. 2 nd	Teacher name	Students will able to	
201	Ms. Poonam	CO1	Know the name and properties of d block elements
		CO2	Understands coordination compounds and chelates
		CO3	Learns isomerism in coordination compounds
		CO4	Differentiate inner and outer orbitals complexes
		Co5	Understands non –aqueous solvents
PAPER CODE	TEACHER NAME		STUDENTS WILL ABLE TO
CH -202	MS. SHANKY	CO1	Thermodynamics terms ;systems and surroundings
		CO2	Laws of thermodynamics
		CO3	Learn the conditions of temperature , pressure , heat
		CO4	Understand about the distribution law
		CO5	Determination of degree of hydrolysis .
CH-203	Ms. Poonam	CO1	Name various alcohols, phenols, ethers & acid and their derivatives
		CO2	Understand various basic concepts of mechanisms
		CO3	Compare reactivities of various compounds and explain the reason
		CO4	Learn method of preparation & properties of alcohols, phenols, ethers & acid
		CO5	Learn the basic principle of UV spectroscopy



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CH-204	MS. Poonam	CO1	Understands lanthanides and actinides
		CO2	Compare and differentiate properties of lanthanides and actenides
		CO3	Differentiate between quantitative and qualitative
		CO4	Test for acid and base
		CO5	Clear concepts of analyses
CH-205	Ms . Shanky	CO1	Learn about engine its effieency
		CO2	Learn about carnot cycle
		CO3	Importance of thermodynamics laws for us.
		CO4	Study of cells hoe cells work
		CO5	Understand how the batteries work by the study of electrochemistry
CH-206	Ms. Poonam	CO1	Name various amines, aldehydes & ketones
		CO2	Understand various basic concepts of mechanisms
		CO3	Compare reactivities of various compounds and explain the reason
		CO4	Learn method of preparation of amines, diazonium salts, aldehydes & ketones
		CO5	Learn the basic principle of IR spectroscopy
B.SC. 3RD YEAR			



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PAPER CODE	TEACHER NAME	STUDENTS	WILL ABLE TO
CH-301	Ms. Shanky	CO1	Learn and clear the concepts of valance bond theory
		CO2	Study the transition metal complexes
		CO3	Clear the concepts of d-d transition
		CO4	Factors affecting the crystal field parametres
CH-302	MS. SHANKY	CO1	Difference between classical mechanics and quantum mechanics .
		CO2	Study of wave nature
		CO3	Study of paramagnetic ,diamagnetic behaviour of substances .
		CO4	Study of different energy levels in vibrational spectrum and rotational spectrum
		CO5	Learn raman spectrum .polarizability.
CH-303	Ms. Poonam	CO1	Name various Organometallic compounds
		CO2	Compare reactivities of various organometallic compounds and explain the reason
		CO3	Learn name & classification of carbohydrates
		CO4	Differentiate among disaccharides and polysaccharides



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CH-304	MS. Aakriti	CO1	Concepts of hard and soft acids
		CO2	Study of bioinorganic chemistry
		CO3	Difference between myoglobin and hemoglobin
		CO4	Study of silicons and phosphazones
		CO5	Study
CH-305	MS . SHANKY	CO1	Study electronic spectrum .
		CO2	Concept of bonding and non bonding
		CO3	Learn molecular orbitals
		CO4	Laws of photochemistry
		CO5	Difference between thermal and photochemical reactions
CH-306	Ms. Poonam	CO1	Name & learn various addition and condensation polymers
		CO2	Understand various basic concepts of mechanisms of polymers
		CO3	Learn method of preparation of various heterocycles
		CO4	Understands and write classical and Merrifield synthesis of peptides
		CO5	Learns various classes of proteins & understand their structures



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:COMMERCE

B.COM Subject Outcomes

Even Semester

(2023-24)

B.Com Sem.-II (General)			
B23-COM-201	COMPUTERISED ACCOUNTING SYSTEM	CO-1	The students will be able to understand the concept of computerized accounting and be familiar with accounting system
		CO-2	The Students will be able to create company ledger, voucher in accounting software
		CO-3	The Students will be able to prepare financial statements in Tally
		CO-4	The Students will be able to comply with Tax regulations –GST , Income Tax etc.
B23-com-202	COMPANY LAW	CO-1	The students will be able to understand the concept of company as form of business organization , Regulatory framework and the process of incorporation
		CO-2	The Students will be able to understand the important documents of the company and their operational usefulness
		CO-3	The Students will understand about the procedure of raising capital, knowing rights and duties of directors and company secretary.
		CO-4	The Students will be able to understand regulatory provisions relating to dividend decision and winding up of the company.
B23-COM-203	PRINCIPLES OF MARKETING	CO-1	The students will be able to understand the basics concept of Marketing and assess the marketing environment
		CO-2	The Students will be able to understand to analysis the consumer behaviour in the present scenario and marketing segmentation
		CO-3	The Students will be able to understand the discover the new product development and factors development and factors affecting the price of product in the present context
		CO-4	The students will be able to understand the promotional and distribution strategies along with the recent development in the field of marketing.
B23-SEC-214	BUSINESS COMMUNICATION	CO-1	The students will be able to know Effective business communication
		CO-2	The students will understand developing and delivering effective presentations
		CO-3	The students will understand developing and delivering interpersonal communications
		CO-4	The Students will be able to understand Good time management .
B.Com Sem-II (Computer Application)			
B23-com-202	COMPUTERISED ACCOUNTING SYSTEM	CO-1	The students will be able to understand the concept of computerized accounting and be familiar with accounting system
		CO-2	The Students will be able to create company ledger, voucher in accounting software
		CO-3	The Students will be able to prepare financial statements in Tally
		CO-4	The Students will be able to comply with Tax regulations –GST , Income Tax etc.
		CO-1	The students will be able to understand the concept of company as form of business organization , Regulatory framework and the process of incorporation

B23-COM-203	PRINCIPLES OF MARKETING	CO-1	The students will be able to understand the concept of company as form of business organization , Regulatory framework and the process of incorporation
		CO-2	The Students will be able to understand to analysis the consumer behaviour in the present scenario and marketing segmentation
		CO-3	The Students will be able to understand the discover the new product development and factors development and factors affecting the price of product in the present context
		CO-4	The students will be able to understand the promotional and distribution strategies along with the recent development in the field of marketing.
		CO-1	The students will able to know Effective business communication
B23-SEC-214	BUSINESS COMMUNICATION	CO-2	The students will understand developing and delivering effective presentations
		CO-3	The students will understand developing and delivering interpersonal communications
		CO-4	The Students will be able to understand Good time management .
B.Com Sem-4 (General)			
BC-401	COROPORATE ACCOUNTING-2	CO-1	The Students will be able to understand about valuation of goodwill and shares.
		CO-2	The Students will be able to understand and analyze the accounts of banking and insurance companies.
		CO-3	The Students will be able to understand and evaluate the technique of valuation of consolidated balance sheet of holding company and able to analysis the concept of liquidation of company.
		CO-4	The Students will be able to understand about preparation of bank accounts, insurance company, and holding company accounts independently
		CO-1	The Students will be able to understand the concept of simple correlation and different type of correlation like, multiple & partial and liner and non-liner diagrams.
BC-402	BUSINESS STATISTICS-2	CO-2	The Students will be able to understand about different method of Karl Pearson, co-efficient, & spearman rank correlation
		CO-3	The Students will be able to learn about regression and probability.
		CO-4	The Students will be able to learn probability distribution and different concept of probability distribution like , Binomial, Poisson and normal distribution & their proprieties and parameters
		CO-1	The Students will be able to understand different acts like, negotiable Act 1881. Nature and scope, parties of negotiable instruments, dishonour and discharge of instruments crossing and dishonour of cheque.
		CO-2	The Students will be able to understand the Indian partnership act 1932. Definition and nature of partnership. Relations of parties to third parties, dissolution of firms.
BC-403	BUSINESS LAW-2	CO-3	The Students will be able to understand to concept of limited liability partnership act,2008. its introduction, nature and incorporation of limited liability partnership , partners and their relations, extent and limitations of liability, financial disclosures. investigation, conversion into limited liability partnership, winding up and dissolution
		CO-4	The Students will be able to understand the concept of information technology act,2000 and Right to information act,2005
		CO-1	The Students will be able to know about the memberships in companies.
		CO-2	The Students will be able to understand the management & administration of companies and duties and limitations & role and appointments, rights and dismissal of general directors, managing directors and manager ,secretary.
BC-404	COMPANY LAW -2	CO-3	The Students will be able to know different type of meetings and also about agenda, quorum minutes & proxy.
		CO-4	The Students will be able to understand the accounts of companies and amalgamation & reconstruction and winding up producers of companies.
		CO-1	The students will be able to learn different tally programmers like, ERPS, and licensing configuration & tally vault password, ERP9.
		CO-2	The students will be able to learn how to make payroll and basic salary, overtime, gratuity loan ESI.
		CO-3	The students will be able to understand the Provident fund & pension, and commission at computerized system.
BC-405	COMPUTERIZED ACCOUNTING SYSTEM	CO-4	The students will be able to understand the stock management in computerized accounting system.

BC-405	COMPUTERIZED ACCOUNTING SYSTEM	CO-1	The students will be able to learn different tally programmers like, ERPS, and licensing configuration & tally vault password, ERP9.
		CO-2	The students will be able to learn how to make payroll and basic salary, overtime, gratuity loan ESI.
		CO-3	The students will be able to understand the Provident fund & pension, and commission at computerized system.
		CO-4	The students will be able to understand the stock management in computerized accounting system.
BC-406	ADVERTISING	CO-1	The students will be able to understand the concept of advertising and different aspect of advertising like, communication, advertising mix, & type of advertising and objectives.
		CO-2	The students will be able to understand the Dag-mar approach and advertising budgets
		CO-3	The students will be able to learn about creative aspect of advertising and advertising media.
		CO-4	The students will be able to understand the concept of Advertising agencies and effectiveness of advertising in dynamic environment.
B.Com Sem-4 (Computer Application)			
BC-401	CORPORATE ACCOUNTING-2	CO-1	The Students will be able to do valuation of goodwill and shares.
		CO-2	The Student will be able to understand and analyze the accounts of banking and insurance companies.
		CO-3	The Student will be able to evaluate the technique of valuation of consolidated balance sheet of holding company and able to analysis the concept of liquidation of company.
		CO-4	The Student will be able to Gain confidence in preparation of bank accounts, insurance company, and holding company accounts independently
BC-402	BUSINESS STATISTICS-2	CO-1	The Students will be able to understand the concept of simple correlation and different type of correlation like, multiple & partial and liner and non-liner diagrams.
		CO-2	The Student will be able to learn about different method of Karl Pearson, co-efficient, & spearman rank correlation.
		CO-3	The Student will be able to learn about regression and probability.
		CO-4	The Student will be able to learn probability distribution and different concept of probability distribution like , Binomial, Poisson and normal distribution & their proprieties and parameters.
BC-403	BUSINESS LAW-2	CO-1	The Student will be able to understand different acts like, negotiable Act 1881. Nature and scope, parties of negotiable instruments, dishonour and discharge of instruments, crossing and dishonour of cheque.
		CO-2	The Students will be able to understand the Indian partnership act 1932. definition and nature of partnership. Relations of parties to third parties, dissolution of firms.
		CO-3	The Student will be able to understand to concept of limited liability partnership act,2008. its introduction, nature and incorporation of limited liability partnership , partners and their relations, extent and limitations of liability, financial disclosures. Investigation, conversion into limited liability partnership, winding up and dissolution.
		CO-4	The Student will be able to understand the concept of information technology act,2000 and Right to information act,2005
BC-404	COMPANY LAW -2	CO-1	The Student will be able to know about the memberships in companies .
		CO-2	The Student will be able to understand the management & administration of companies and duties and limitations & role and appointments, rights and dismissal of general directors, managing directors and manager ,secretary.
		CO-3	The Student will be able to know different type of meetings and also about agenda, quorum minutes & proxy.
		CO-4	The Students will be able to understand the accounts of companies and amalgamation & reconstruction and winding up producers of companies.
B.Com Sem-6 (General)			
BC-601	MANAGEMENT ACCOUNTING	CO-1	The student will be able to understand about management accounting concepts and techniques
		CO-2	The student will be able to understand about the concept of fund flow and cash flow statements.
		CO-3	The student will be able to get knowledge about capital budgeting and decision making techniques
		CO-4	The student will be able to get knowledge about the preparation of various kinds of budgets
BC-602	FUNDAMENTALSO F INSURANCE	CO-1	The students will be able understand about the nature, objectives and types knowledge of insurance
		CO-2	The student will be able to understand about concept of fire insurance, marine insurance, accidental and motor insurance
		CO-3	The student will be able to analyze the procedures involved in life insurance
		CO-4	The student will be able understand about the role of insurance intermediaries

BC-603	HUMAN RESOURCE MANAGEMENT	CO-1	The student will be able to understand the concept and functions of IIRM
		CO-2	The student will be able to understand the inter linkages among the pivotal functions concerning procurement of human resources viz. human resource planning, human resource policy, job analysis, recruitment, selection, induction and placement.
		CO-3	The student will be able to get the knowledge of different aspects concerning maintenance, developments and control of human resources in an organization.
		CO-4	The student will be able to learn how to deal with emerging issues concerning employee empowerment, quality of work life, job satisfaction and job stress.
BC-604	INCOME TAX-II	CO-1	The student will be able understand about deductions under section 80C to 80U in computing total income
		CO-2	The student will able to understand about deduction of tax at source; advance payment of tax and income tax authorities and their powers
		CO-3	The student will able to assess the income of an individual and the tax payable
		CO-4	The student will be able to gain practical knowledge in the computation of tax for different types of assessee
BC-605	BUSINESS ENVIRONMENT	CO-1	The student will be able to understand about the concept, significance and changing dimensions of business environment
		CO-2	The student will be able to identify various types of business environment and tools for scanning the environment
		CO-3	The student will be able to gain insights on role of economic systems, economic planning, government policies, public sector and development banks, economic reforms, liberalization and its impact on business
		CO-4	The student will be able to understand about the importance of multinational corporations, foreign collaboration and international institutions in business
BC-606	RETAIL MANAGEMENT	CO-1	The student will be able to understand the conceptual framework and strategic planning for retailing
		CO-2	The student will be able to comprehend different retailing formats and plan location of a retail store
		CO-3	The student will be able to get knowledge of customer service and financial management in retail organizations.
		CO-4	The student will able to handle issues concerning information technology, social ethical and legal aspect in retailing.
B.Com Sem-6 (Computer Application)			
BC-601	MANAGEMENT ACCOUNTING	CO-1	The student will be able to understand about management accounting concepts and techniques
		CO-2	The student will be able to understand about the concept of fund flow and cash flow statements.
		CO-3	The student will be able to get knowledge about capital budgeting and decision making techniques
		CO-4	The student will be able to get knowledge about the preparation of various kinds of budgets
BC-602	FUNDAMENTALS OF INSURANCE	CO-1	The student will be able understand about the nature, objectives and types knowledge of insurance
		CO-2	The student will be able to understand about concept of fire insurance, marine insurance, accidental and motor insurance
		CO-3	The student will be able to analyze the procedures involved in life insurance
		CO-4	The student will be able understand about the role of insurance intermediaries
BC-603	HUMAN RESOURCE MANAGEMENT	CO-1	The student will be able to understand the concept and functions of HRM
		CO-2	The student will be able to understand the inter linkages among the pivotal functions concerning procurement of human resources viz. human resource planning, human resource policy, job analysis, recruitment, selection, induction and placement.
		CO-3	The student will be able to get the knowledge of different aspects concerning maintenance, developments and control of human resources in an organization.
		CO-4	The student will be able to learn how to deal with emerging issues concerning employee empowerment, quality of work life, job satisfaction and job stress.

BC-603	HUMAN RESOURCE MANAGEMENT	CO-1	The student will be able to understand the concept and functions of HRM
		CO-2	The student will be able to understand the inter linkages among the pivotal functions concerning procurement of human resources viz. human resource planning, human resource policy, job analysis, recruitment, selection, induction and placement.
		CO-3	The student will be able to get the knowledge of different aspects concerning maintenance, developments and control of human resources in an organization.
		CO-4	The student will be able to learn how to deal with emerging issues concerning employee empowerment, quality of work life, job satisfaction and job stress.
		CO-1	The student will be able understand about deductions under section 80C to 80U in computing total income
BC-604	INCOME TAX-II	CO-2	The student will able to understand about deduction of tax at source; advance payment of tax and income tax authorities and their powers
		CO-3	The student will able to assess the income of an individual and the tax payable
		CO-4	The student will be able to gain practical knowledge in the computation of tax for different types of assessee



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:COMMERIAL ARTS,

DESIGNING & PAINTING

Paper code	Paper Name	Outcomes	
BA Sem-I (Major)			
Paper A	Foundation of Arts (Theory)	CO1	Understanding in Basic knowledge of art in the beginning.
		CO2	Learning about the Classification of Art
		CO3	Learning about Various types of Folk Art
		CO4	Learning about Elements of Art : Lines, Shapes, Texture, Size and Tones.
		CO5	Knowledge about How to use Colours – Colour Theory
Paper-B	Still Life (Practical)	CO1	Create a Drawing by focusing an object
		CO2	Able to concentrate on the different angles on still objects
		CO3	Observing the small details of objects.
		CO4	Become confident in attempting something new in their drawings
		CO5	Ability to look at the finer details through light and shade via colours or pencils.

Paper code	Paper Name	Outcomes	
BA Sem-II (Major)			
Paper A	Basics of Drawing (Theory)	CO1	Understanding meaning of Drawing, It's Scope and objectives.
		CO2	Introducing different types of Drawings.
		CO3	Understanding Uses and Techniques of Proportion
		CO4	Learning about Various Shading Techniques.
		CO5	Understanding about Perspective drawing
Paper-B Section-A	Object/Perspective Drawing (Practical)	CO1	Create a Drawing by focusing an object
		CO2	Able to concentrate on the different angles on still objects
		CO3	Observing the small details of objects.
		CO4	Become confident in attempting something new in their drawings
		CO5	Ability to look at the finer details through light and shade via colours or pencils.

Paper code	Paper Name	Outcomes	
BA Sem-I (Minor)			
Paper A	Introduction of Fine Arts (Theory)	CO1	Understanding in Basic knowledge of art in the beginning.
		CO2	Learning about Fine Arts
		CO3	Learning of Visual Art : Painting, Sculpture, Applied Art, Graphics-Print making,& Photography
		CO4	Learning about Digital/Computer Art, Architecture, Textile Design
		CO5	Knowledge about Performing Arts: Music, Poetry, Dance, Cinema, Drama
Paper-B	Object/Product Drawing (Practical)	CO1	Create a Drawing by focusing an object
		CO2	Able to concentrate on the different angles on still objects
		CO3	Observing the small details of objects.
		CO4	Become confident in attempting something new in their drawings
		CO5	Ability to look at the finer details through light and shade via colours or pencils.

Paper code	Paper Name	Outcomes	
BA Sem-II (Minor)			
Paper A	Art of Photography (Theory)	CO1	Understanding in Basic knowledge of Photography- It's Origin & History.
		CO2	Learning about the Role of Background and Foreground in Photography.
		CO3	Learning of Different Equipment Used in Photography.
		CO4	Learning about technical terms used in photography.
		CO5	Knowledge about Types of Photography.
Paper-B	Photography (Practical)	CO1	Learning about How to hold and Handle the Camera.
		CO2	Knowledge about Types of Cameras.
		CO3	Able to adjust – Shutter speed, Aperture, Iso while doing Photography.
		CO4	Learning use of Tri-pods and Mono-pods.
		CO5	Learning Various Types of Photography: Portrait, Landscape, Product etc.

Paper code	Paper Name	Outcomes	
BA Sem- 3rd			
Paper A	Advertising Foundation (Theory)	CO1	Knowledge about the history of printing
		CO2	Understanding of methods in printing
		CO3	Update knowledge about latest technology
		CO4	Formulate the design of typography in copy formats
		CO5	Understanding of printing methods and technology in detail
Paper-B Section-A	Illustration (Practical)	CO1	Motivate student to learn a specific topic on the social issues
		CO2	Capture a moving audience with a message with strong illustration
		CO3	Learn to execute an illustration which is visually appealing and interesting
		CO4	Learning of colour scheme which is best suited for the topic.
		CO5	Understanding of poster size, shape and its elements
Paper-B Section-B	Layout (Practical)	CO1	Create an imaginary composition on the basis of given theme
		CO2	Use of multiple colour combination
		CO3	Arrangement of figures according to theme
		CO4	Build strong imagination
		CO5	Improve drawing skills
Paper-B Section-C	Poster (Practical)	CO1	Design a layout including their elements
		CO2	Creative harmonious design in illustration and typography
		CO3	Helping the reader to grasp the essence of the idea
		CO4	Focus on the main concept of ad
		CO5	Able to communicate the viewer via creative slogan and illustration

Paper code	Paper Name	Outcomes	
BA Sem- 4th			
Paper A	Advertising Foundation (Theory)	CO1	Understanding the meaning of advertising and its history
		CO2	Understanding of different functions of advertising
		CO3	Representation of a brand in a series with same idea with campaign
		CO4	Descriptive knowledge of photography with the help of camera
		CO5	Able to perform an ad design and launch a brand in the market.
Paper-B Section-A	Illustration (Practical)	CO1	Motivate student to learn a specific topic on the social issues
		CO2	Capture a moving audience with a message with strong illustration
		CO3	Learn to execute an illustration which is visually appealing and interesting
		CO4	Learning of colour scheme which is best suited for the topic.
		CO5	Understanding of poster size, shape and its elements
Paper-B Section-B	Layout (Practical)	CO1	Create an imaginary composition on the basis of given theme
		CO2	Use of multiple colour combination
		CO3	Arrangement of figures according to theme
		CO4	Build strong imagination
		CO5	Improve drawing skills
Paper-B Section-C	Poster (Practical)	CO1	Design a layout including their elements
		CO2	Creative harmonious design in illustration and typography
		CO3	Helping the reader to grasp the essence of the idea
		CO4	Focus on the main concept of ad
		CO5	Able to communicate the viewer via creative slogan and illustration

Paper code	Paper Name	Outcomes	
BA Sem- 5th			
Paper A	Advertising Foundation (Theory)	CO1	Knowledge of various types of media used in advertising
		CO2	Knowledge of Outdoor and Indoor media
		CO3	Explanation of print media used in daily life
		CO4	Latest software used in company to create advertisement
		CO5	Able to work in the market with efficient knowledge of software's
Paper-B Section-A	Illustration (Practical)	CO1	Create an imaginary composition on the basis of given theme
		CO2	Use of multiple colour combination
		CO3	Arrangement of figures according to theme
		CO4	Build strong imagination
		CO5	Improve drawing skills
Paper-B Section-B	Layout (Practical)	CO1	Design a layout including their elements
		CO2	Creative harmonious design in illustration and typography
		CO3	Helping the reader to grasp the essence of the idea
		CO4	Focus on the main concept of ad
		CO5	Able to communicate the viewer via creative slogan and illustration
Paper-B Section-C	Poster (Practical)	CO1	Motivate student to learn a specific topic on the social issues
		CO2	Capture a moving audience with a message with strong illustration
		CO3	Learn to execute an illustration which is visually appealing and interesting
		CO4	Learning of colour scheme which is best suited for the topic.
		CO5	Understanding of poster size, shape and its elements

Paper code	Paper Name	Outcomes	
BA Sem- 6th			
Paper A	Advertising Foundation (Theory)	CO1	Basic knowledge of marketing in the context of advertising
		CO2	Analysing the nature of market with presenting the product in the right place
		CO3	Representation of a brand in a series with same idea with campaign
		CO4	Comparing the types of agencies in detail
		CO5	Future Awareness in the career of commercial art
Paper-B Section-A	Illustration (Practical)	CO1	Create an imaginary composition on the basis of given theme
		CO2	Use of multiple colour combination
		CO3	Arrangement of figures according to theme
		CO4	Build strong imagination
		CO5	Improve drawing skills
Paper-B Section-B	Layout (Practical)	CO1	Design a layout including their elements
		CO2	Creative harmonious design in illustration and typography
		CO3	Helping the reader to grasp the essence of the idea
		CO4	Focus on the main concept of ad
		CO5	Able to communicate the viewer via creative slogan and illustration
Paper-B Section-C	Poster (Practical)	CO1	Motivate student to learn a specific topic on the social issues
		CO2	Capture a moving audience with a message with strong illustration
		CO3	Learn to execute an illustration which is visually appealing and interesting
		CO4	Learning of colour scheme which is best suited for the topic.
		CO5	Understanding of poster size, shape and its elements



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SHAHABAD MARKANDA

SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:COMPUTER SCIENCE

Subject Outcomes (2023 – 24) EVEN Semester**Computer Science**

Paper Code	Paper Name		Course Outcomes
BCA Sem-2 (NEP)			
B23-CAP-201 (Major)	Object Oriented Programming using C++	CO1	Learn the input/output statements and functions in C++
		CO2	Learn the various concepts of operator overloading and inheritance
		CO3	Get familiar with concepts of virtual functions and exception handling in C++ language.
		CO4	Get familiar with OOPS concepts along with constructors and destructors in C++ language.
		CO5	To implement the programs based on various concepts of C++.
B23-CAP-202 (Major)	Introduction to Web Technologies	CO1	Learn the basics of web development
		CO2	Understand different types of web pages and web sites.
		CO3	Implement HTML and CSS for web page designing.
		CO4	Understand the design of web crawlers and search engines
		CO5	To implement the programs based on various concepts of web development
B23-CAP-203 (Major)	Concepts of Operating Systems	CO1	Understand the basic concepts of operating systems and their services along with process management.
		CO2	Understand the concept of process scheduling and acquire knowledge of process synchronization
		CO3	Learn about memory management and virtual memory concepts
		CO4	Learn to work with directory structure and security aspects
		CO5	To implement the programs based on the operating system.
B23-SEC-201	Cloud Computing Skills	CO1	Get acquainted with the term Cloud computing.
		CO2	Understand various types of free and commercial clouds
		CO3	Understands various types of cloud services like SaaS. PaaS and IaaS.
		CO4	Know how the Cloud Computing is changing soft-ware industry
		CO5	To create and use Cloud
BCA Sem-4			
241	Advanced Data Structures	CO1	Understand Trees & Graphs structures
		CO2	Learn to compare various searching & sorting techniques on the basis of their complexity
		CO3	Able to to implement Files & know about various File organization methods
242	Advanced Programming using	CO1	Understand Dynamic Polymorphism - Function Overriding, Abstract Class, etc

	C++	CO2	Type Conversion, Inheritance, Genericity in C++: Templates, Class templates & Exception Handling in C++.
243	E-Commerce	CO1	Able to analyze the impact of E-commerce on business models and strategy.
		CO2	Know Applications in governance
		CO3	Understand how procurement and supply chains relate to B2B E-commerce
		CO4	Emerging Business models – Retail model; Media model; advisory model, made-to-order manufacturing model, etc
244	Relational Data Base Management System	CO1	Understand RDBMS concepts – keys, Data Constraints, etc
		CO2	Able to understand role of Relational algebra & Tuple/domain calculus.
		CO3	Able to build efficient Databases using Normalization
		CO4	Able to use SQL queries & Design programs using PL/SQL constructs.
245	Computer Oriented Statistical Methods	CO1	Able to formulate complete, concise, and correct mathematical proofs
		CO2	Prepare Frequency Distribution Table, Coefficient of mean Deviation, Standard Deviation
		CO3	Understand Probability Distribution, Correlation, Regression, Curve Fitting, Baye’s Theorem in Decision Making, Forecasting Techniques.
		CO4	Know sampling & Statistical Inference
246	Management Information System	CO1	Evaluate the role of information systems in today's competitive business environment
		CO2	Identify managerial risks related to information system organization processing and utilizing
		CO3	Analyze the role played by the six major types of information systems in organizations
		CO4	Identify the salient characteristics of organizations.
		CO5	Evaluate models for determining the business value of information systems.
		CO6	Analyze the principal causes of information system failure.

BCA Sem-6

361	Web Designing Using Advanced Tools	CO1	Write HTML and understand how to effectively implement it in the web environment
		CO2	Write CSS effectively to create well organized, styled web pages. Create a functioning web store with variable products
362	Operating System-II	CO1	This course is a constructive study of an operating system. Key topics include the kernel, process and memory managers, file access, I/O driver, scheduler, etc
		CO2	Throughout the course, a seminar approach will be adopted and much time will be given to group discussion simulating an industrial environment

		CO3	Students are collectively expected to analyze and document an operating system using MacOS, UNIX/Linux like, Windows, Netware and mainframe as practical examples
363	Computer Graphics	CO1	Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis
		CO2	Use of geometric transformations on graphics objects and their application in composite form
		CO3	Extract scene with different clipping methods and its transformation to graphics display device
		CO4	Explore projections and visible surface detection techniques for display of 3D scene on 2D screen
		CO5	Render projected objects to naturalize the scene in 2D view and use of illumination models for this
364	Internet Technologies	CO1	Analyze a web page and identify its elements and attributes
		CO2	Create web pages using XHTML and Cascading Style Sheets
		CO3	Build dynamic web pages using JavaScript (Client side programming).
		CO4	Create XML documents and Schemas
365	Advanced Programming with Visual Basic	CO1	This course is a Visual BASIC programming language with object-oriented programming principles
		CO2	Emphasis is placed on event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger. Upon completion, students should be able to design, code, test, debug, and implement objects using the appropriate environment
		CO3	This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.
366	Programming in Core Java	CO1	Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs
		CO2	Read and make elementary modifications to Java programs that solve real-world problems
		CO3	Validate input in a Java program.
		CO4	Identify and fix defects and common security issues in code
		CO5	Document a Java program using Javadoc.

B.Sc. (Phy. Sc/ Life Sc.) Sem-II (NEP)

CC-1 MCC-3 B23-CSE-201 (Major)	Web Development	CO1	Learn the basics of web development
		CO2	Understand different types of web pages and web sites.
		CO3	Implement HTML and CSS for web page designing.
		CO4	Understand the design of web crawlers and search engines
		CO5	To implement the programs based on various concepts of web development
CC-M1	Programming	CO1	be familiar with fundamental programming concepts and methodology

B23-CSE-203 (Minor)	methodologies	CO2	be familiar with good programming practice
		CO3	be able to write simple programs in the corresponding programming language to solve a task, given the constraints on the inputs
		CO4	. be able to differentiate between logical errors, syntax errors, and run-time errors
		CO5	be able to write modularized code
B23-SEC-201	Cloud Computing Skills	CO1	Get acquainted with the term Cloud computing.
		CO2	Understand various types of free and commercial clouds
		CO3	Understands various types of cloud services like SaaS. PaaS and IaaS.
		CO4	Know how the Cloud Computing is changing soft-ware industry
		CO5	To create and use Cloud

B.Sc. NM Sem-4 Computer Sc.

P-1	Object Oriented Programming with C++	CO1	Know about Constructor handling, Functions, Array of objects, Passing and Returning Objects to Functions, Dynamic Memory
		CO2	Polymorphism - Operator Overloading & function overloading
		CO3	Understand Dynamic Polymorphism - Function Overriding, Abstract Class, etc.
		CO4	ype Conversion, Inheritance, Genericity in C++: Templates, Class templates & Exception Handling in C++
P-2	Operating System	CO1	To make aware of different types of Operating System and their services
		CO2	To learn different process scheduling algorithms and synchronization techniques to achieve better performance of a computer system
		CO3	To know virtual memory concepts & to learn secondary memory management

B.Sc. NM Sem-6 Computer Sc.

P-1	RDBMS	CO1	Understand Relational Model – Keys & Data Constraints. Also compare RDBMS with Hierarchical & Network Model
		CO2	Understand RDBMS concepts – keys, Data Contraints, etc.
		CO3	Able to understand role of Relational algebra & Tuple/domain calculus.
		CO4	Able to build efficient Databases using Normalization
		CO5	Able to use SQL queries & Design programs using PL/SQL constructs.
P-2	Computer Networks	CO1	Recognize the technological trends of Computer Networking
		CO2	Discuss the key technological components of the Network
		CO3	Evaluate the challenges in building networks and solutions to those.

B.Com CAV Sem-2

BC VOC-205	Programming in C	CO1	The course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C
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		CO2	Also by learning the basic programming constructs they can easily switch over to any other language in future
		CO3	
BC VOC-206	Business Data Processing and PC Software-II	CO1	Demonstrate basic understanding of network principles
		CO2	Working effectively in teams
		CO3	Apply the skills that are the focus of this program to business scenarios
B.Com CAV Sem-4			
BC VOC-405	Programming in Java	CO1	Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs
		CO2	Read and make elementary modifications to Java programs that solve real-world problems
		CO3	Validate input in a Java program
		CO4	Identify and fix defects and common security issues in code
		CO5	Document a Java program using Javadoc
BC VOC-406	Advanced Computer Applications	CO1	Work effectively with a range of current, standard, Office Productivity software applications.
		CO2	Evaluate, select and use office productivity software appropriate to a given situation
		CO3	Apply basic adult learning and assessment principles in the design, development, and presentation of material produced by office productivity applications
		CO4	Operate a variety of advanced spreadsheet, operating system and word processing functions
		CO5	Solve a range of problems using office productivity applications, and adapt quickly to new software releases.
B.Com CAV Sem-6			
BC VOC-605	Social Networking and Data Analytics	CO1	Measure and prove ROI and marketing impact
		CO2	Make better strategic and business decisions
		CO3	Track marketing teams' efficiency
		CO4	Compare your social media performance against competitors
BC VOC-606	Enterprise Resource Planning	CO1	Make basic use of Enterprise software, and its role in integrating business functions
		CO2	Analyze the strategic options for ERP identification and adoption
		CO3	Design the ERP implementation strategies
		CO4	Create reengineered business processes for successful ERP implementation



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:ECONOMICS



Economics
Learning Outcomes (Even Semester)
Session (2023-24)

Economics Department

Session: 2023-2024

B.A. 2nd SEM (CC)

B23-ECO-201	MACROECONOMICS	CO:1	Have Insight of Basic Concepts of Macro Economics-Its nature and scope, Methodology; National Income and circular flow of national income in an Economy.
		CO:2	Understand Macroeconomic behavior in terms of Classical theory of Employment, Say's law, Keynes' theory of equilibrium level of income and Employment.
		CO:3	Have knowledge about consumption behavior at macroeconomic level, Keynes' psychological law of consumption, hypotheses about long run income-consumption relationship.
		CO:4	Have understanding about capital and Investment, Decision to invest at macroeconomic level, determinants of induced investment.
		CO:5	Get to know about the Saving - Investment function, Consumption Function.
		CO:6	They learn different formulas to calculate National Income and How to measure it.

B.A.4TH SEM

EC24	MACROECONOMICS	CO:1	The aim is to make students attuned with dynamics of income generation
		CO:2	Understand that economic growth is a relatively recent phenomenon, and identify key institutional factors that contribute to economic growth.
		CO:3	Objective is to acquaint the students with limitations of multiplier effect in underdeveloped economies.
		CO:4	The students are expected to learn about key components in the supply of money, determinants, and relationship of reserve money with overall money supply.
		CO:5	Aims at making students learn about the inflation, its nature, theories related to the explanation of price rise. Students are expected to learn the inter-relationships among factors leading to inflation and its dynamics.



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		CO:6	Aim is to make the students apprised of fluctuations in business activity, nature, and causes and phases of business cycles.
B.A.6TH SEM			
EC26 (1)	INDIAN ECONOMY	CO:1	Objective is to introduce the students to the basic concepts about Economic Growth & Economic development, under-development.
		CO:2	The content is meant to describe and discuss the approaches to economic development, its determinants
		CO:3	The students are expected to be introduced to the concept of poverty, its measurement, as well as the nature of poverty process as self-cumulative.
		CO:4	The students are expected to learn about development process under classical framework.
		CO:5	Have perception about nature and process of poverty, measurement physical quality of life, Human development Index, Population growth pattern of developing economies: problems and policies
		CO:6	They must be able to have perception about the key implications, and comparison of the developed and underdeveloped.



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Value Added Course

Value Added Course			
B23-VAC-101	HUMAN VALUES AND ETHICS	CO:1	They learn about the process of Value Education and why it is important in real world.
		CO:2	They study and understand how society shapes norms and policies which helps them to understand the world.
		CO:3	They also understand the balance for personal growth, social cohesion, and environmental sustainability
		CO:4	They will explore the significance of understanding and imparting harmony with nature and society and how it contributes to overall well-being and togetherness
		CO:5	Get to know the relation between self, identity, and personality and how important these are for Personal Growth and Self-Awareness
		CO:6	They also learn how it shift the focus from seat time to skill mastery, allowing learners to progress at their own pace



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**ARYA KANYA MAHAVIDYALYA
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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:ENGLISH

English Department Course Outcomes

Session 2023-24

B.A & AEC:

Semester	Paper Code	Subject	Outcomes
B.A Ist Sem	B-23 ENG 101 ENG 103	English Major Minor	1 Know the process of communication and its components 2 Improve the language skills i.e. Listening Skills, Speaking Skills, Reading Skills and Writing Skills (LSRW) 3 Construct basic and intermediate skills in English language. 4 Enhance comprehension skills, presentation skills, group discussion skills etc 5 Create literature sensibility and learn life skills through Literature and Language-I including Essays. 6 Develop confidence for communicating in English and create interest for the life-long learning of English language
B.A IInd Sem	B-23- ENG-201 ENG-203	English Major Minor	1 Know the process of communication and its components 2 Improve the language skills i.e. Listening Skills, Speaking Skills, Reading Skills and Writing Skills (LSRW) 3 Construct basic and intermediate skills in English language. 4 Enhance comprehension skills, presentation skills, group discussion skills etc 5 Create literature sensibility and learn life skills through Literature and Language-II including stories. 6 Develop confidence for communicating in English and create interest for the life-long learning of English language

B.A IIIrd Sem	-	English Compulsory	<p>1 Learn Grammar Skills</p> <p>2 Vocabulary Skills</p> <p>3 Improve spoken language skills</p> <p>4 Develop an understanding of literary devices and poetic forms.</p> <p>5 Create literature sensibility and learn life skills through Poetry appreciation and criticism.</p> <p>6 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>
B.A IVth Sem	-	English Compulsory	<p>1 Learn Professional Spoken and Writing Skills</p> <p>2 Vocabulary Skills</p> <p>3 Improve spoken language skills</p> <p>4 Enhance comprehension skills, presentation skills, group discussion skills etc</p> <p>5 Understanding of genre of plays</p> <p>6 Create literature sensibility and learn life skills through one act plays</p> <p>7 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>
B.A Vth Sem	-	English Compulsory	<p>1 Grammar Skills</p> <p>2 Spoken English Skills</p> <p>2 Improve the language skills through comprehension. Presentations and group discussion</p> <p>3 Understand nuances of Post-colonial Literature, novel and its types</p> <p>4 Create literature sensibility and learn life skills through Novel Kanthapura by Raja Rao.</p> <p>5 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>

B.A VI Sem	-	English Compulsory	<p>1 Enhance comprehension skills, presentation skills, group discussion skills etc,</p> <p>2 Enhance professional Writing skills</p> <p>3 Enhance Vocabulary Skills</p> <p>4 Understand the Genre of Play/Drama</p> <p>5 Create literature sensibility and learn life skills through Shakespeare Play The Merchant of Venice.</p> <p>6 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>
AEC Level -I B.A, B.SC. ALL, B.COM	AEC Level- I	Communicative English	<p>1 Know the process of technical communication and its components</p> <p>2 Improve the language skills i.e. Listening Skills, Speaking Skills, Reading Skills and Writing Skills (LSRW)</p> <p>3 Construct basic and intermediate skills in English language.</p> <p>4 Enhance comprehension skills, presentation skills, group discussion skills etc</p> <p>5 Create literature sensibility and learn life skills through Essays, Stories and one act play.</p> <p>6 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>
AEC Level-II B.A, B.SC. ALL, B.COM	AEC Level-II	Personality Development	<p>1 Know the process of communication and its components</p> <p>2 Improve the language skills i.e. Listening Skills, Speaking Skills, Reading Skills and Writing Skills (LSRW)</p> <p>3 Construct basic and intermediate skills in English language.</p> <p>4 Enhance comprehension skills, presentation skills, group discussion skills, Interpersonal Skills etc.</p> <p>5. Overall development of personality.</p> <p>6 Develop confidence for communicating in English and create interest for the life-long learning of English language</p>



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:FASHION DESIGNING

B.Sc. Fashion Designing 2023-24

Subject wise outcomes

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 1			
B-23-FDS-101	Basic of design and illustration	CO1	Understand basics of rendering and basics of sketching, learns the basics of heads figure doodle, stick figure.
		CO2	Understand different types of medium and knowledge of color schemes.
		CO3	Also aware of fashion figure with garments using elements of design and principle of design.
B-23-FDS-102	Basic of Sewing	CO1	Understand the basics of hand stitches and machine seams
		CO2	Understand the knowledge of ruffles, flounce, collars, sleeves necklines etc.
		CO3	Be aware the maintenance and parts of sewing machine.
		CO4	Learns to take measurement and knowledge of different sizes.
B-23-FDS-103	Textile Science & care	CO1	Create awareness of textile science
		CO2	Understand the Natural and Man- made fibers
		CO3	Aware of Fabric care and their properties

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 2			
B-23-FDS-201	Concept of fashion	CO1	Learn about clothing terms
		CO2	Knowledge of international and national designers
		CO3	Also understand the fashion terms
B-23-FDS-202	Basic of Clothing and construction	CO1	Understand the fundamentals of sewing and construction techniques
		CO2	Learn about basic of cutting and finishing by hand and by machine
B-23-FDS-203	Fabric construction	CO1	Know about the formation of fabric.
		CO2	Understand the basic weaves and their construction method
		CO3	Understand the looms types, motion of weaving concept

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 3			
202	Pattern Making- I	CO1	Understand the knowledge of pattern making terms and tools
		CO2	Understand the basic knowledge of taking measurement and dress form parts
		CO3	Learn estimation of fabric calculation and good fitting.
204	Knitting Technology	CO1	Learn about clothing components
		CO2	Understand the knowledge of different costumes, jewelry, textiles, footwear of different period.
		CO3	Able to create different costumes

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 4			
206	Textile chemistry II	CO1	Understand the knowledge of dyeing
		CO2	Learns processing of different types of printing
208	History of Indian Costumes	CO1	Learn about clothing components
		CO2	Understand the knowledge of different costumes, jewelry, textiles, footwear of different period.
		CO3	Able to create different costumes

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 5			
301	History of world costume	CO1	Learn about clothing components of men and women
		CO2	Understand the knowledge of different costumes, jewelry, textiles, footwear of different period.
		CO3	Able to create different costumes
302	Apparel Manufacturing Technology	CO1	Understand the basic knowledge of Departments
		CO2	Understand about apparel industry and how it works
		CO3	Learn about special purpose machine

Paper code	Paper Name	Outcomes	
B.Sc. Fashion Designing Sem. 6			
306	Marketing and merchandising	CO1	Enhance the knowledge of merchandising, retailing.
		CO2	Understand the basic knowledge of high fashion and
		CO3	fashion forecast and trends
		CO4	Be aware of fashion market and how to launch the fashion product in market.

B.Sc. Fashion Designing 2023-24

(Overall outcomes)

Fashion designing is an art of inventing or innovating or adding beauty to clothing and by using certain accessories. Students become independent after completing this course and also improve and brush their skills. It becomes more confident enough to put their skills in this competitive market.

This course enhance their knowledge in apparel designing and accessories through manually and digitally. Learns how to cut the fabric through patterns and sewing their garments in readymade style.

Understand the knowledge of hand and machine embroidery and also be aware with printing, paintings and weaving



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**ARYA KANYA MAHAVIDYALYA
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SESSION:2023-24

SUBJECT OUTCOMES

**SUBJECT:HEALTH & PHYSICAL
EDUCATION**



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Subject Outcomes Even Semesters for the Session 2023 - 24 Health and Physical Education

Paper code	Paper Name		Outcomes
BA Sem-2 B23- PED -201 Core Course – 2 (According to NEP – 2020)	Basic Anatomy and Physiology	CO-1	Describe the Anatomy, Physiology and structure of Cells.
		CO-2	Explain the structure of Joints and Muscular System
		CO-3	Illustrate the basic knowledge about Anatomy, Physiology of Circulatory and Digestive Systems of human body
		CO-4	Explain the Anatomy, Physiology of Respiratory and Excretory Systems of human body
BA Sem-4 PE-24	Health & Physical Education	CO-1	To know the Significance & Physiology of Warming up & Cooling down.
		CO-2	To understand the Psychological aspects of Physical
		CO-3	To understand of world major Sports Events: Olympic & Asian Games.etc.
		CO-4	To Know the Anatomy and Physiology of Respiratory system
BA Sem-6 PE-26	Health & Physical Education	CO-1	To the concept of Motivation & Socialization and its relevance in sports Performance.
		CO-2	To Study the concept of Sports training and Doping
		CO-3	To know the concept of Biomechanics and its application in sports.
		CO-4	To understand the Anatomy & Physiology of digestion system and exercise. Practical Approach of Yoga, paranyams & First Aid.



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:HINDI

पाठ्यक्रम के परिणाम: सत्र (2023-24)

सम सेमेस्टर

बी० ए० प्रथम वर्ष (सेमेस्टर 2)			
पेपर कोड	पेपर का नाम		पाठ्यक्रम के परिणाम
HI-22	हिन्दी अनिवार्य	CO-1	कविता के विभिन्न तत्वों को समझेंगे।
		CO-2	प्राचीन कवियों से परिचित होंगे और उनकी काव्यशैलियों के ज्ञान में समृद्ध होंगे।
		CO-3	कविता के महत्त्वपूर्ण पहलुओं को समझने में सक्षम होंगे।
बी० ए० द्वितीय वर्ष (सेमेस्टर 4)			
HI-24	हिन्दी अनिवार्य	CO-1	हिन्दी के कथा जगत का परिचय।
		CO-2	छात्राओं को साहित्यिक, सामाजिक संस्कार देकर राष्ट्र के जिम्मेदार नागरिक बनने के योग्य बनाना।
		CO-3	साहित्य की विविध विधाओं का बोध कराना व छात्राओं में लेखन क्षमता विकसित करना।
बी० ए० तृतीय वर्ष (सेमेस्टर 6)			
HI-26	हिन्दी अनिवार्य	CO-1	समकालीन हिन्दी कविता का परिचय।
		CO-2	आधुनिक हिन्दी काव्य की प्रमुख प्रवृत्तियों का अध्ययन।



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SHAHABAD MARKANDA**

SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:HISTORY



ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA

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Subject Out Comes:- Department of History (2023-24) EVEN SEMESTER

Paper Code	Paper Name	Outcomes	
B.A.-I Sem.-II			
B-23 HIS-201 (Major)	History of India (From Earliest Time to 1206)	CO 1	Learn about the sources of Ancient History and Harappan Civilization
		CO 2	Understand the Major Development of the Ancient Empires like Mauryan, Gupta and Post Gupta Powers in India
		CO 3	Triangular Struggle, Administration of Cholas, Invasions of Ghazanvi and Ghori in India
		CO 4	Also understand the outline Maps of Ancient India Empires
B-23 HIS-202 (Minor)	Orality and Oral Culture in India	CO 1	Acquaint with the different Definitions of Orality and its Historiography
		CO 2	Grasp the Theatrical Debate, Power and Knowledge with Special reference of Gender and Caste
		CO 3	Learn about the Priographies of Women and Dalits
		CO 4	History and Written and Visual Record Keeping
B.A.-II Sem.-IV			
HR-24 Opt (i)	Indian National Movement	CO 1	This paper is covered for Civil Services and allied services examination.
		CO 2	To acquaints the students various aspects related to Formation of Congress
		CO 3	Learn about the administration with Act of 1909, 1919,1935 during the British Rule.
		CO 4	To learn about the various National Movements throughout 1947
B.A.-III Sem.-VI			
HR-26 Opt (ii)	Modern Europe	CO 1	To understand change of Europe after French Revolution
		CO 2	To Learn about the Vienna Congress and Napoleon Phase
		CO 3	To understand the unification of Italy and Germany
		CO 4	To understand how to occur World War-I & II and his consequences



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:HOME SCIENCE

Home Science (2023-24) Even Semester

B.A. Sem-IV			
Paper Code	Paper Name		Outcome

HS 24	Clothing and Textile	CO-1	Drafting and Stitching of garments at home.
		CO-2	Learning about tradition textiles.
		CO-3	Various soap of detergent for different fabrics.
		CO-4	Finishing of fabric at home.

B.A. Sem-VI			
HS 26	Human Development	CO-1	Understanding Child Psychology.
		CO-2	Developing learning skills, personality traits, role of play in childhood.
		CO-3	Common ailments of children.
		CO-4	Care of pregnant women.
		CO-5	Cooking using different methods, preservation of vegetable and fruits in the form of jams, pickles etc.
		CO-6	Fancy cooking.



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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:MATHEMATICS

Mathematics Subject Outcomes

Even Semester

Session-2023-24

Paper Code	Paper Name , Teacher Name		Outcomes
B.Sc./B.A. Sem-II			Student will be able to:
B23- MAT- 204	Algebra and Number Theory (Dr. Hema Sukhija)	CO1	Gain knowledge of the concepts of symmetric, skew-symmetric, Hermitian, skew-Hermitian, Orthogonal and Unitary matrices, Linear dependence and independence of rows and columns of a matrix. Have knowledge of procedure and cognitive skills used in calculating rank of a matrix, eigen values, characteristic equation, minimal polynomial of a matrix and technical skills used in solving problems based on Cayley- Hamilton theorem
		CO2	Have knowledge of the concepts used in solving problems based on relations between the roots and coefficients of general polynomial equation in one variable, solutions of polynomial equations having conditions on roots, common roots and multiple roots. Understand Descarte's rule of signs and learn cognitive and technical skills required in assessing nature of the roots of an equation and solving problems based on these
		CO3	Have deeper and procedural knowledge required for solving cubic and biquadratic equations used in Mathematics as well as many other learning fields of study. To understand the basic concepts of number theory and their applications in problem solving and life- long learning
		CO4	Have knowledge of concepts, facts, principles and theories of Linear Congruences, Fermat's theorem, Euler's theorem, Wilson's theorem and its converse, Chinese Remainder theorem. Attain cognitive skills used in solving linear Diophantine equations in two variables
B.Sc./B.A. Sem-IV			
BM-241	Sequence and Series (Ms. Damini)	CO1	Students will able to Define different types of sequence
		CO2	Discuss the behaviour of the geometric sequence.
		CO3	Prove properties of convergent and divergent sequence
		CO4	Verify the given sequence in convergent and divergent by using behaviour of Monotonic sequence
		CO5	Prove Cauchy's first limit theorem, Cauchy's Second limit

			theorem.Explain subsequences and upper and lower limits of a sequence.
		CO6	Prove theorems on different test of convergence and divergence of a series of positive terms and Verify the given series is convergent or divergent by using different test.
BM-242	Special Functions and integral transforms (Dr. Hema Sukhija)	CO1	This course includes study of Bessel's, Legendre's and Hermite's differential equations and understanding recurrences relations of their generating functions.
		CO2	Understand singular points of a differential equation and to solve such differential equation by power series method
		CO3	Familiarise with Legendre's and Hermite's differential equation and its solution in the form of Legendre functions and Hermite's functions. Understand recurrence relations, generating function and orthogonality of Legendre's function and Hermite function, Rodrigues' formula.
		CO4	It also provides the study of two important tools- Fourier and Laplace transforms and their applications in solving various differential equations.
		CO5	Develop skill of applying Fourier transforms to solve differential equations.
BM-243	Programming in C and Numerical Methods (Ms. Damini)	CO1	Through this subject, student will be able to learn basics of C language including various input output functions, various loops, conditional statements and arrays.
		CO2	Programs are based on various numerical methods which include the study of solution of linear equation, interpolation and extrapolation, integrals and differential equations using various numerical techniques.
		CO3	This program helps in solving many practical problems where analytical solution does not exist.
		CO4	This course is aimed at advancing concepts of programming and software code organization within the framework of structural paradigms.
		CO5	Focusing on discussing how to write a program of moderate complexity by using C language.
BSc./B.A. Sem-VI.			
BM-361	Real and Complex Analysis (Dr. Hema Sukhija)	CO1	Real and Complex Analysis an introduction to the theory of holomorphic functions. Multivalued functions and branches have been dealt carefully with the application of the machinery of complex measures and power series.
		CO2	Intended for undergraduate students of mathematics and

			engineering, it covers the essential analysis that is needed for the study of functional analysis, developing the concepts rigorously with sufficient detail and with minimum prior knowledge of the fundamentals of advanced calculus required.
		CO3	Understand concept of Jacobian, functional dependence and independence
		CO4	Understand and Learn Beta and Gamma Function, Double and Triple integral
		CO5	Understand Fourier Series and apply knowledge for problem solving
		CO6	Understand stereographic projection of complex plane on the Riemann sphere. Understand the significance of differentiability and analyticity of complex functions leading to the Cauchy–Riemann equations. Apply knowledge to solve related problems
		CO7	Learn about mapping by elementary functions
BM-362	Linear Algebra (Ms. Damini)	CO1	Analyze Vector spaces and subspaces over a field and their properties.
		CO2	Understand Span of a set and it's Properties.
		CO3	Analyze Linear dependence and independence of sets and their properties together with examples.
		CO4	Find Dimension and basis of a vector space and Prove their properties
		CO5	Analyze Linear Transformations and their properties.
		CO6	Determine Matrix associated with a linear map and Linear map associated with a Matrix
BM-363	Dynamics (Dr. Hema Sukhija & Ms. Damini)	CO1	Students will able to Define Projectile, impulse, impact and laws of impact.
		CO2	It allows one to predict the motion of an object or objects, under the influence of different forces, such as gravity or a spring.
		CO3	It can be used to predict the motion of planets in the solar system or the time it takes for a car to brake to a full stop.
		CO4	Students will able to prove that the path of a projectile is a parabola.
		CO5	Students will able to find the direct and oblique impact of smooth elastic spheres.
		CO6	It is widely used for forecasting and predicting in the field of machine learning.

B23-COM-204	Business Mathematics-II (Dr. Hema Sukhija)	CO1	Students will able to Gain the knowledge to find derivatives simple functions related to commerce problems, attain skills to use application of derivatives in evaluating maxima and minima
		CO2	Learn to find integration of simple functions related to commerce and economic problems, attain skills to use application of integration in business and commerce problems
		CO3	Apply binomial theorem, learn the concept and applications of permutations and combinations
		CO4	Learn the concept of Linear programming and formulation of linear programming problems related to business and commerce

BCA Sem-II

B23-CAP-204	Mathematical Foundations for Computer science–II (Ms. Damini)	CO1	Students will be able to: Understand the concept of integration
		CO2	Acquire cognitive and technical knowledge about a variety of methods of representation of statistical data
		CO3	Understand methods of measure of central tendency. Analyze the problem and apply the best measure of central tendency to draw inferences from the available data
		CO4	Understand the concept of correlation, and correlation methods and conclude about the type of correlation for the available data. Comprehend the skills of curve fitting



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**ARYA KANYA MAHAVIDYALYA
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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:MUSIC

Department of Music
Session:2023-24(Even Semester)
Subject Outcomes

B.A.2ndSem.		
Paper Code	Paper Name	OUTCOMES
B23-BMV-201	Historical study of the Musical Terms	They learnt the Sound quality, Tonal quality of music
CC		Knowledge about the Gun Dosh of Gayak
		Came to know about the Vedic period of music
		They Learnt about the Musical Instruments.
B.A.SEM.4th		
MV24	Music Theory	Students came to know Tanpura & Sahyak Naad
		They had learnt the talas on tabla
		Contribution of Indian music Scholars
		They learnt about the detailed studies of Raagas.
B.A.SEM.6th		
MV26	Music Theory	They knew the Classification of music during Vedic period to Modern period
		Knew about Voice Culture
		They learnt all raagas and how to perform on stage.
		They knew about the culture of Haryana & Punjab.



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ARYA KANYA MAHAVIDYALYA

SHAHABAD MARKANDA

SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:PHYSICS

PHYSICS DEPARTMENT, SESSION 2023-24
COURSE OUTCOMES (EVEN SEMESTER)

Paper code	Paper Name	Outcomes	
B.Sc 1ST	Teacher Name	Students will be able to	
Sem-II B23-PHY - 201	Dr. Poonam Siwatch (Electricity, Magnetism and EM Theory) (CC-2)	CO1	Explain and differentiate the vector and scalar formalisms of electrostatics. Also be able to apply Gauss's Divergence & Strokes theorem to solve various problems in electrostatics.
		CO2	Describe the magnetic materials & important properties of magnetic field. Understand the properties and theories of dia-, para- & ferromagnetic materials.
		CO3	Derive Maxwell equations and their physical significance and familiar about the propagation of electromagnetic waves i.e boundary conditions at the interface between different media. The students will also be able to have basic idea about propagation of electromagnetic waves in free space and in medium.
		CO4	Understand D.C and A.C circuits, able to apply and analyze using networks. Analyze DC/AC circuits consisting of parallel and series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor.
B.Com 1st Sem-II B23-PHY - 204	Mrs. Sanjul Gupta (Physics Fundamentals-II) (MDC-2)	CO1	Have basic knowledge about Wave motion, SHM, the associated phenomena and their applications in daily life
		CO2	Have basic knowledge about nature of light, the associated phenomena and their importance in daily life
		CO3	Have basic knowledge about electric current, electric circuit, electric components, and practical utility of heating and magnetic effects of electric current
		CO4	Grasp an introductory idea about the Electric components and circuits

Paper code	Paper Name	Outcomes	
B.Sc 2ND	Teacher Name	Students will be able to	
PH 401	Dr. Poonam Siwatch (Statistical Physics)	CO1	Understand and explain the concepts of microstate, macrostate, thermodynamic probability, the studies of particles with their distinguishably or indistinguishably nature and conditions which lead to the three different distribution laws e.g. Maxwell Boltzmann distribution, Bose-Einstein distribution and Fermi-Dirac distribution laws of particles.
		CO2	Learn the basic Postulates of statistical physics, Phase space, Division of Phase space into cells and be able to derive the

			expression for average speed, r.m.s. speed, average velocity, r. m. s. velocity for Maxwellian distribution.
		CO3	Derive Bose-Einstein & Fermi-Dirac statistics and be able to differentiate between classical statistical mechanics and quantum statistical mechanics.
		CO4	Learn and understand the different laws and theories of specific heat of solids and their significance.
PH 402	Mrs. Sanjul Gupta (Wave & Optics II)	CO1	Learn about polarisation by reflection & scattering, Malus Law, Huygen's wave theory.
		CO2	Understand analysis of polarized Light & Nicol prism, Quarter wave plate and half wave plate
		CO3	Introduce the Fourier series, Fourier coefficients, odd functions, even functions, Fourier theorem
		CO4	Learn about Fourier transforms and its properties
		CO5	Introduce the optics fiber & its type , Normalized frequency, Pulse dispersion, Attenuation, Applications, Fiber optic Communication

Paper code	Paper Name	Outcomes	
B.Sc 3RD	Teacher Name	Students will be able to	
PH 601	Dr. Poonam Siwatch (Solid State and Nano Physics)	CO1	Know about crystalline and amorphous substances, lattice, unit cell, primitive cell, miller indices, Bravais lattices in two & three dimensions and crystal structures of Zinc Sulphide, Sodium Chloride and Diamond.
		CO2	Understand and learn X-ray diffraction, Bragg's Law and experimental X-ray diffraction methods and about the reciprocal lattice to a simple cubic lattice, b.c.c. and f.c.c. lattice.
		CO3	Understand the basic idea about superconductors, their classifications and practical applications.
		CO4	Know the basics of nanotechnology and appreciate the role of nanotechnology in different fields such as automobile, electronics, nano-biotechnology, materials, medicine etc.
PH 602	Mrs. Sanjul Gupta (Atomic & molecular spectroscopy)	CO1	Spectroscopic studies were central to the development of Quantum mechanics and study of atoms and molecules.
		CO2	Learn about vector atom model, salient feature of vector atom model, spin orbital interaction energy.
		CO3	Understand the fine structure of alkali spectra & coupling in case a more than one valence electron atom.
		CO4	Learn about Larmor's theorem, Pauli Exclusion Principal ,symmetric & anti- symmetric , wave function.
		CO5	Learn about ,infra red rotational & vibrational spectra and their energy level ,Raman effect & its application & checking of assignment



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SESSION:2023-24

**SUBJECT OUTCOMES
SUBJECT:POLITICAL SCIENCE**



Political Science
Learning Outcomes (Even Semester)
Session (2023-24)

Political Science Department			
Session: 2023-2024			
B.A. 2nd SEM (CC)			
B23-POI-201	Principles of Political Science-II	CO:1	Develop a thorough understanding of the theory and practice of government, separation of powers and rule of law.
		CO:2	Understand the various forms of government in a political system.
		CO:3	Understand the nature and operation of political parties, pressure groups, representation, and bureaucracy
		CO:4	Comprehend the functioning of monarchy, totalitarianism, military rule and democratic political regimes
B.A.4th SEM			
PS24	Indian Political Thinkers	CO:1	The students came to know about the basics of Indian Political Thinkers.
		CO:2	They had learnt about the digital platforms.
		CO:3	They had discussed Thinkers revolutionary views and give their opinion on them
		CO:4	They knew about the mythology in group discussion.
B.A.6TH SEM			
PS26	International Organizations	CO:1	Students came to know about the basics of International Organization.
		CO:2	They had learnt about the digital platforms.
		CO:3	They knew about the current affairs and mythology in group discussion.
		CO:4	They had discussed current news and updates of International Organization and its agencies.



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**ARYA KANYA MAHAVIDYALYA
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SESSION:2023-24

SUBJECT OUTCOMES

SUBJECT:PUNJABI

Course Outcomes (Deptt. of Punjabi)

Session 2023-24 (Even Semester)

B.A.(CC-1),Sem. II

Paper Code	Paper Name		Outcomes
B23-PNB-201	Aadhunik Punjabi Galap Ate Viharak Punjabi	CO-1	The syllabus of this semester gives the knowledge about the differences between s.
		CO-2	The students acquire knowledge about the differences between the ideologies of different Punjabi story writers.
		CO-3	The students understand the technique of Punjabi One-Act-Play and able to understand the differences between drama and One-Act-Play.
		CO-4	The students understands the technique of Punjabi one act play and able to understand the differences between drama and one act play
		CO-5	'Error Correction' part of the syllabus gives the ability to understand and improve the writing mistakes of the students.

B.A.(M2) Sem. 2

B23-PNB-203	Viharak Punjabi	CO-1	Students will be able to read and write Punjabi as well as understand the grammatical units of Punjabi Language.
		CO-2	Students will understand the sentence structure and practical use of Punjabi Language.
		CO-3	Students will aquire knowledge of Paragraph writing, Letter Writing and Short story composition.
		CO-4	Students will understand the meaning and use of Punjabi idioms and proverbs.

B.A. Sem. IV

EP-24	Elective Punjabi	CO-1	'History of Literature' enhances the knowledge of the students about 'Medieval Punjabi Literature'.
		CO-2	Students acquire the knowledge about the detailed history of Punjabi Gurmat Kav, Kissa Kaav, Sufi Kaav, Veer Kaav and Vartak.
		CO-3	The students learns the technique of an essay and learns how to write essay.
		CO-4	The students learns about the ornament role of ornament in poetical writings.

B.A. Sem. VI

EP-26	Elective Punjabi	CO-1	The students acquire the knowledge of Ancient Period of History of Punjabi Literature.
		CO-2	The students acquire the knowledge of different types of Prose.
		CO-3	The students become able to understand differences between Novel and Short Story, Drama and One-Act-Play, Auto-Biography and Biography.
		CO-4	The students become able to improve his/her writing spelling mistakes.
		CO-4	The students become able to improve his/her writing spelling mistakes.


Dr. Simarjeet Kaur
HOD, Department of Punjabi


Dr. (Mrs.) Aarti Trehan
Principal (Offg.)



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SESSION:2023-24

**SUBJECT OUTCOMES
SUBJECT:SANSKRIT**

संस्कृत-विषयस्य परिणामः

सत्र 2023-24

संस्कृतम्

विषय -कोडः	विषय-नाम	परिणामः
कलास्नातक-प्रथमसामिसत्रम्		
CLO-101-1	हितोपदेश	संस्कृत भाषा में ज्ञान की सरल मनोवैज्ञानिक विधियों के द्वारा छात्रों को बोध कराने के लिए अनेक ग्रंथ कहानी के रूप में लिखे गए जैसे पंचतंत्र, हितोपदेश आदि। इस घटक में हितोपदेश के मित्रलाभ प्रकरण से छात्रों को संस्कृत भाषा में प्रवेश करवाया जाता है।
CLO-101-2	नीतिशतक	नीतिशतक भारतीय नीतिशास्त्र तथा सुभाषित के रूप में जाना जाता है। भर्तृहरि द्वारा रचित नीति-शतक के प्रथम 50 श्लोकों के माध्यम से छात्रों को न्याय एवं नीति से समाज बोध की शिक्षा देने का प्रयास किया गया है।
CLO-101-3	संस्कृत-व्याकरण	संस्कृत भाषा में प्रवेश के लिए छात्रों को व्याकरण के प्रथम सोपान धातुरूप तथा शब्दरूपों का ज्ञान होना आवश्यक है। इस घटक में छात्रों को सरल धातु-रूपों से परिचय करवाया जाता है ताकि वे संस्कृत भाषा समझने में तत्पर हो सकें।
CLO-101-4	सन्धि कण्ठस्थ-श्लोकाः	भाषा में संधियों का प्रयोग परम आवश्यक है। इस घटक में छात्रों को संस्कृत भाषा की संधियों का बोध करवाया जाता है ताकि वे भाषा को आसानी से समझ सकें क्योंकि संधि में पदों को अलग-अलग करके अर्थ को आसानी से जाना जा सकता है।
कलास्नातक-द्वितीयसामिसत्रम्		
CLO-201-1	श्रीमद्-भगवद्गीता, द्वितीय अध्याय-	गीता भारतीय संस्कृति तथा ज्ञान का उत्कर्ष है। गीता को कर्म तथा ज्ञान के सम्यक् बोध के रूप में जाना जाता है। गीता के द्वितीय अध्याय को सांख्य-योग के नाम से जाना जाता है। इस अध्याय में जीवन के मर्म को जानकर कर्म करने की प्रेरणा दी गई है। वह सभी मनुष्यों को जानना चाहिए।
CLO-201-2	चरकसंहिता स्वस्थवृतम् सूत्रस्थानं च	छात्र आयुर्वेद के प्रसिद्ध ग्रन्थ चरकसंहिता एवं चरकमुनि के बारे में जानेंगे। स्वास्थ्यसम्बन्धी शुभाशुभलक्षणों करणीयाकरणीय कर्मों को जानकर उनके अनुसार जीवन-शैली अपनाकर स्वस्थ रहेंगे।

विषय –कोड:	विषय–नाम	परिणाम:
CLO-201-3	संस्कृत–व्याकरण	संस्कृत धातु रूपों के ज्ञान के अभाव में भाषा को नहीं समझा जा सकता। धातु प्रत्ययों का बोध इस घटक में दिया गया है। संस्कृत में धातुओं की संख्या दो हजार के आसपास है। अतः इनका बोध भाषा को सरल रूप में समझने में सहायक है।
CLO-201-4	छन्दः हिन्दी से संस्कृत में अनुवाद	संस्कृत भाषा में साहित्य को लिखने की विधियाँ हैं, पद्य, गद्य तथा दोनों का मिला हुआ स्वरूप। पद्यों में रचना के लिए छन्दों का ज्ञान आवश्यक है। कविता छंद के बिना नहीं हो सकती। अतः छात्रों को आरम्भ छंदों का ज्ञान इस घटक में दिया जाता है। छात्रों की रुचि कविता में हो ऐसा छंदों के ज्ञान से संभव है।
कलास्नातक–तृतीयसामिसत्रम्		
CLO-301-1	महाभारतः यक्षयुधिष्ठिर संवाद	महाभारत विश्व प्रसिद्ध महाकाव्य है। इसे पंचम वेद की संज्ञा दी गई है। महाभारत के वनपर्व में यक्षयुधिष्ठिर संवाद के माध्यम से धर्म–अधर्म, नीति–अनीति इत्यादि का प्रश्नोत्तर के माध्यम से छात्रों को न्याय, नीति सम्बन्धी शिक्षा दी जाती है।
CLO-301-2	रामायणः अयोध्या काण्ड, शततमः सर्गः	रामायण लौकिक साहित्य का महत्वपूर्ण ग्रन्थ है। रामायण भारतीय परम्पराका जीवन्त ग्रन्थ है। इस घटक में राम के गुण, कार्य और उसके राष्ट्रप्रेम से छात्रों को अवगत करवाया जाता है। व्याकरण के बिना भाषा अधूरी है। संस्कृत व्याकरण का आदि ग्रंथ अष्टाध्यायी है जो वैज्ञानिक आधार रखता है।
CLO-301-3	संस्कृत–व्याकरण समास	प्रस्तुत घटक में समासों के माध्यम से छात्रों को भाषा का संक्षेपीकरण एवं सरल बोध करवाया जाता है।
CLO-301-4	वरदराज, लघुसिद्धान्तकौमुदी प्रत्याहारसूत्र (माहेश्वरसूत्र) संख्यावाची संस्कृत–शब्द	व्याकरण के आरम्भ में महेश्वर सूत्र है जो संस्कृत भाषा की वैज्ञानिक वर्णमाला कहलाती है। इसमें सभी वर्णों का समावेश भाषा वैज्ञानिक आधार पर किया गया है। इससे छात्रों को वर्णमाला एवं उच्चारण बोध में महत्वपूर्ण सहायता मिलती है। पत्र लेखन के माध्यम से छात्र संस्कृत भाषा में पत्र व्यवहार सीखते हैं।
कलास्नातक–चतुर्थसामिसत्रम्		
CLO-401-1	कालिदास, रघुवंश–द्वितीय सर्ग	संस्कृत साहित्य में महाकाव्य काव्य का महत्वपूर्ण भाग है। महाकाव्य में इतिहास प्रसिद्ध व्यक्ति के चरित्र पर प्रकाश डाला जाता है। कालिदास रचित रघुवंश महाकाव्य इतिहास प्रसिद्ध है। इसमें अनेक राजाओं के जीवन चरित पर प्रकाश डाला गया है एवं वर्तमान समय की भौगोलिक, राजनीति, सामाजिक, आर्थिक बिन्दुओं पर प्रकाश डाला जाता है जिससे छात्रों में समझ उत्पन्न होती है।

विषय –कोड:	विषय–नाम	परिणाम:
CLO-401-2	अम्बिकादत्त व्यास, शिवराजविजय–द्वितीय निःश्वास	आधुनिक भारत के इतिहास के साथ–साथ प्राचीन भारत का इतिहास भी अबिकादत्त व्यास के उपन्यास में देखने को मिलता है। वर्तमान भारत की दुर्दशता तथा प्राचीन भारत को समृद्ध परम्परा के माध्यम से छात्रों को देशभक्ति एवं प्राचीन भूतों से सीख लेने को शिक्षा इसमें मिलती है।
CLO-401-3	संस्कृत–व्याकरण	व्याकरण भाषा को जानने एवं समझने की एक वैज्ञानिक व्यवस्था है। व्याकरण के बोध से भाषा को समझने एवं उसके प्रयोग को विधि समझने में छात्रों को सहायता मिलती है।
CLO-401-4	वरदराज, लघुसिद्धान्तकौमुदी संज्ञाप्रकरण अनुवाद	इस घटक में संज्ञाप्रकरण के माध्यम से व्याकरण में प्रयुक्त होने वाली संज्ञाओं का ज्ञान विद्यार्थियों को करवाया जाता है।
कलास्नातक–पंचमसामिसत्रम्		
CLO-1	कालिदास अभिज्ञानशाकुन्तलम् (1–4 अंक तक)	विद्यार्थी कालिदास के प्रसिद्ध ग्रन्थ अभिज्ञानशाकुन्तलम् की काव्य शैली एवं नाट्य शैली से अवगत होने के साथ–साथ तात्कालीन भारतीय संस्कृति से परिचित होंगे।
CLO-2	कालिदास जीवन परिचय, काल विवेचन, काव्य शैली, नाट्य शैली	भारत के प्रसिद्ध कवि एवं लेखक कालिदास के जीवन तात्कालिक समाज एवं पर्यावरण से परिचित होंगे। उसके तात्कालिक काव्यशैली एवं नाट्यशैली को जानेंगे।
CLO-3	संस्कृत–साहित्य का इतिहास : वैदिक साहित्य–संहिता, ब्राह्मण, आरण्यक, उपनिषद् वेदाङ्ग साहित्य	संस्कृत–वाङ्मय के अन्तर्गत वैदिक साहित्य को जानकर दार्शनिक आध्यात्मिक चिन्तन विकसित होगा। भारतीय ज्ञान परम्परा को समझेंगे। शोधकार्य में सहयोग होगा।
CLO-4	(क) वरदराज –लघुसिद्धान्तकौमुदी – विभक्त्यर्थप्रकरणः सूत्र व्याख्या। वाक्य–रचना। अशुद्धि–संशोधन (ख) अलंकार–अनुप्रास, श्लेष, यमक, उपमा, उत्प्रेक्षा, रूपक, अतिशयोक्ति, विशेषोक्ति, विभावना, अर्थान्तरन्यास	संस्कृत–व्याकरण का ज्ञान बढ़ेगा। वाक्य–निर्माण में कर्ता, कर्म आदि 6 कारकों का शुद्ध प्रयोग करने में समर्थ होंगे। लेखन एवं वाचन कौशल में सौन्दर्य–अभिवृद्धि होगी। विभिन्न प्रकार के अलंकारों के ज्ञान में आस्वादन, सम्प्रेषण को जानकर भावों का सूक्ष्माकन करने में समर्थ होंगे।

विषय –कोड:	विषय–नाम	परिणाम:
कलास्नातक–षष्ठसामिसत्रम्		
CLO-1	कालिदास अभिज्ञानशाकुन्तलम् (5-7 अंक तक)	संस्कृत साहित्य के प्रसिद्ध विद्वान् कालिदास के विश्व प्रसिद्ध नाटक को पढ़कर तात्कालिक सामाजिक, राजनैतिक व्यावहारिक ज्ञान को जानकर आधुनिकता के साथ सम्बन्ध स्थापित कर पाएंगे।
CLO-2	कालिदास की कृतियों में जीवन-दृष्टि, राष्ट्रीय भावना, प्रकृति चित्रण, अंलकार प्रयोग	तात्कालिक वातावरण, देश काल को जानेंगे। भाषा का सुन्दर प्रयोग करने में छात्र सक्षम होंगे।
CLO-3	संस्कृत-साहित्य का इतिहास वाल्मीकि व्यास भवभूति, अम्बिकादत्त व्यास, भारवी, विष्णु शर्मा, भर्तृहरि जयदेव	संस्कृत-वाङ्मय के प्रसिद्ध लेखकों के जीवन से परिचित होंगे। उनके समय, देश वातावरण एवं लेखन शैली को जानकर विद्यार्थियों के लेखन शैली में सुधार होगा एवं समाज में वे सद्व्यवहार करेंगे।
CLO-4	(क) वरदराज -लघुसिद्धान्तकौमुदी स्त्रीप्रत्यय (ख) संस्कृत निबन्ध	भाषा की गूढता को समझेंगे लिंग बोध होगा। भाषा कौशल बढ़ेगा। लिंग परिवर्तन में कुशल होंगे। विभिन्न विषयों पर अपने विचार करने में सक्षम होंगे एवं संस्कृत भाषा के वाचन-लेखन में कुशल होंगे।