



ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA

A Premier Institution, Affiliated to Kurukshetra University,

Kurukshetra

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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA**

SESSION:2024-25

**SUBJECT OUTCOMES
UNDER-GRADUATE
ODD SEMESTER**



ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA

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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA
SESSION:2024-25**

**SUBJECT OUTCOMES
DEPARTMENT:BOTANY**

LEARNING OUTCOMES

ODD SEMESTER (2024-25)

B. Sc. Botany – 1st Sem :-

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

1. Students will be able to understand the general characteristics of bacteria, actinobacteria, viruses and fungi.
2. Students will develop a conceptual understanding of Phycology.
3. Students will gain knowledge on the concepts of Bryology.
4. Basic understanding of the biology of pteridophytes will be developed by the students

B. Sc. Botany – 3rd Sem :-

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

1. Students will acquire an understanding of various physiological process in plants.
2. Students will develop a comprehensive knowledge of plant hormones.
3. Students will learn about photomorphogenesis and its significance.
4. Students will gain a conceptual understanding of plant growth and senescence, including the natural aging process of plants.



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SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:CHEMISTRY

B.SC. 3RD YEAR

PAPER CODE	TEACHER NAME	STUDENTS WILL ABLE TO	
CH-301	MS. SHANKY	CO1	Learn and clear the concepts of valence bond theory
		CO2	Study the transition metal complexes
		CO3	Clear the concepts of d-d transition
		CO4	Factors affecting the crystal field parameters
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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SESSION:2024-25

SUBJECT OUTCOMES

**DEPARTMENT:COMMERIAL ARTS,
DESIGNING & PAINTING**

SUBJECT OUTCOMES

COMMERCIAL ART (2024-2025)

ODD SEMESTER

Course code or Paper code	Paper Name	Outcomes	
BA Sem-I (Major) Course code: B23-COA-101, Course type : CC-1,MCC1			
Paper Theory	Fundamental 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 Colour – Colour Theory
Paper code	Paper Name	Outcomes	
BA Sem- 3rd (Major) Paper code:B23-COM-301 , Course type-CC3, MCC-4			
Paper	Advertising and Society (Theory)	CO1	Understanding the basic knowledge of Commercial art ,advertising as an art and different form of Advertising.
		CO2	Explain the communication process
		CO3	Describe the relation of Advertising and society.
		CO4	Describe the importance of Advertising in the society.

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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SESSION:2024-25

**SUBJECT OUTCOMES
DEPARTMENT:COMMERCE**

B.com

Subject Outcomes Odd Semester (2024-25)

B.Com Sem-1(General)			
B23-COM-101	Financial Accounting I	CO-1	The students will be able to understand about book-keeping, accounting and their principles- concepts and conventions.
		CO-2	The students will be able to understand about books of accounts such as journal, ledger and trail balance. They will also get to know how to rectify the errors.
		CO-3	The students will be able to prepare depreciation and also get to know about provisions and reserves.
		CO-4	The students will be able to learn how to prepare final accounts, accounts of Non-profit Organizations, consignment accounts.
B23-COM-102	Business law	CO-1	The students will be able to understand the provision of Indian contract Act
		CO-2	They will be able to know the obligations of buyer and seller for making the business agreements and contracts.
		CO-3	They will understand to apply skills to initiate entrepreneurial ventures as partnership and LLP
		CO-4	The students will be able to understand the concept and scope of negotiable instruments and legal safeguard information technology
B23-COM-103	Business Management	CO-1	The students come to know about the conceptual framework of business management.
		CO-2	The students will be able to understand the utility and application of planning and functions of management
		CO-3	They will also get knowledge to use the concepts of delegations decentralization and staffing in organization

		CO-4	The students will also understand the application of leadership style
B23-COM-105	Personal finance	CO-1	The students will be able to learn about the basic of personal finance
		CO-2	The students will be able to gain the knowledge of investment
		CO-3	The students also able to know about the relationship between investment risk and return
		CO-4	The students will be able to do insurance planning ,tax and estate planning and retirement planning.
B.Com Sem-3 (General)			
B23-COM-301	Corporate Accounting	CO-1	The students will be able know the accounting for share, understand the procedure of buyback of shares
		CO-2	The students will be able know the accounting for profit prior to incorporation and underwriting of shares.
		CO-3	The students will be able to understand the accounting treatment for amalgamation and internal reconstruction of companies
		CO-4	The students will be able to understand IDCS and preparation of final accounts of Companies
B23-COM-302	Income Tax Law-I	CO-1	The students will be able understand the necessary concepts of Income Tax
		CO-2	The students will be able determine the impact of residential status on tax liability.
		CO-3	The students will be able to determine Tax liability under five heads of income
		CO-4	The students will be able to understand the concepts of set-off and carry forward of losses and clubbing and aggregation of incomes
B23-COM-303	Banking and Insurance	CO-1	The students will be able to know the basics of banking.
		CO-2	The students will be able understand the Indian banking system.
		CO-3	The students will be able understand the principles & regulation of insurance..
		CO-4	The students will be able to learn about various types of insurance and claims and settlement procedure

B23-COM-304	Business Economics	CO-1	The students will be able to understand price & output determination under different market structures
		CO-2	The students will be able to understand behavior of firms & their stakeholder with many products and multiple objectives
		CO-3	The students will be able to develop the capability to analyze macro-economics environment
		CO-4	The students will be able to take decisions according to state economic policies
B23-COM-305	Fundamental of Indian Money Market	CO-1	The students will be able to understand the basics of Indian capital market.
		CO-2	The students will be able to understand the stock market regulator and provision for investors'' protection.
		CO-3	The students will be able to get acquainted with the functioning of stock exchanges of India.
		CO-4	The students will be able to understand the depository system of Indian capital market.
B.Com Sem-5 (General)			
BC-501	Cost accounting	CO-1	The Students will be able to understand the nature, scope and techniques of cost accounting.
		CO-2	The Students will be able to get knowledge about the concept & techniques of inventory control, labour cost accounting, idle time and overtime.
		CO-3	The Students will be able to understand methods of wage payment , accounting for overheads, output costing and contract costing.
		CO-4	The Students will be able to get knowledge about process costing, standard costing, variance analysis, cost control and cost reduction.
BC-502	Financial management	CO-1	The Students will be able to understand the nature and scope of financial management and financial planning.
		CO-2	The Students will be able to understand capitalization, financial forecasting and sources of finance.

		CO-3	The Students will be able to understand cost of capital , capital structure and capital budgeting.
		CO-4	The Students will be able to get knowledge about management of working capital, management of receivables, inventory management and dividend policy.
BC-503	Goods and services tax	CO-1	The Students will be able to understand tax structure in India, administration of GST and taxable event under GST.
		CO-2	The Students will be able to understand levy and collection of tax, exemption and composition scheme and time of supply.
		CO-3	The Students will be able to understand the integrated goods and service tax Act, 2017 and nature of supplies.
		CO-4	The Students will be able to understand place of supply, registration, payment of tax, offences and penalties.
BC-504	Income-Tax-1	CO-1	The The Students will be able to understand important definitions, agricultural income, residence and tax liability.
		CO-2	The Students will be able to understand exemptions from tax, income from salaries and income from house property.
		CO-3	Students will be able to understand profits and gains of business or profession, depreciation and investment allowance and capital gains.
		CO-4	The Students will be able to understand income from other sources, clubbing of incomes, set off and carry forward of losses.
BC-505	Auditing	CO-1	The Students will be able to understand object, importance and limitations of auditing.

		CO-2	The Students will be able to get knowledge about types of audit, audit process , audit programme, internal control ,internal check and internal audit.
		CO-3	The Student will be able to understand routine checking, vouching, verification of assets and liabilities and appointment, power, duties and liabilities of an auditor.
		CO-4	The Students will be able to understand audit report, investigation, auditing of e-commerce transactions and ethics.
BC-506	SUPPLY CHAIN MANAGEMENT	CO-1	The Students will be able to understand meaning and features of supply chain management and marketing mix .
		CO-2	The Students will be able to understand co-ordination and integration for supply chain management .
		CO-3	The Students will be able to understand strategic supply chain management, transportation , warehousing and customer service.
		CO-4	The Students will be able to understand distribution channel design, information system and recent developments in supply chain management.
B.Com Sem-5 (Computer Application)			
BC-501	Cost accounting	CO-1	The Students will be able to understand the nature, scope and techniques of cost accounting.
		CO-2	The Students will be able to get knowledge about the concept & techniques of inventory control, labour cost accounting, idle time and overtime.
		CO-3	The Students will be able to understand methods of wage payment , accounting for overheads, output costing and contract costing.
		CO-4	The Students will be able to get knowledge about process costing, standard costing, variance analysis, cost control and cost reduction.

BC-502	Financial management	CO-1	The Students will be able to understand the nature and scope of financial management and financial planning.
		CO-2	The Students will be able to understand capitalisation, financial forecasting and sources of finance.
		CO-3	The Students will be able to understand cost of capital , capital structure and capital budgeting.
		CO-4	The Students will be able to get knowledge about management of working capital, management of receivables, inventory management and dividend policy.
BC-503	Goods and services Tax	CO-1	The Students will be able to understand tax structure in India, administration of GST and taxable event under GST.
		CO-2	The Students will be able to understand levy and collection of tax, exemption and composition scheme and time of supply.
		CO-3	The Students will be able to understand the integrated goods and service tax Act, 2017 and nature of supplies.
		CO-4	The Students will be able to understand place of supply, registration, payment of tax, offences and penalties.
BC-504	Income-Tax-1	CO-1	The Students will be able to understand important definitions, agricultural income, residence and tax liability.
		CO-2	The Students will be able to understand exemptions from tax, income from salaries and income from house property.
		CO-3	The Students will be able to understand profits and gains of business or profession, depreciation and investment allowance and capital gains.
		CO-4	The Students will be able to understand income from other sources, clubbing of incomes, set off and carry forward of losses.
		CO-	The student will be able understand about the role of

	4	insurance intermediaries
	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-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



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SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:COMPUTER SCIENCE

Subject Outcomes (2024 – 25) ODD Semester**Computer Science**

Paper Code	Paper Name		Course Outcomes
BCA Sem-1 (NEP)			
B23-CAP-101 (Major)	Problem solving using C	CO1	Understand basic C-programming concepts like data-types, operators, arrays & various C-statements.
		CO2	Apply control structures and user defined functions for solving problem.
		CO3	Get familiar with advanced concepts like structures, union etc. in C language.
		CO4	Develop simple C Programs
B23-CAP-102 (Major)	Foundations of Computer Science	CO1	Understand the basics of computer
		CO2	Learn about I/O devices and operating systems
		CO3	Understand the Internet and its services
		CO4	Learn about the threats and security concepts on Computers
		CO5	To understand the working of operating system, Internet and security related concepts.
B23-CAP-103 (Major)	Logical Organization of Computer	CO1	Understand number systems, error detecting correcting code and representations of numbers in a computer system.
		CO2	Understand computer arithmetic and Boolean algebra and simplification of Boolean expressions
		CO3	Understand working of logic gates and design various combinational circuits using these logic gates.
		CO4	Understand working of different types of flip-flops and design different types of registers.
		CO5	to understand the practical aspects of logical organization of computer
BCA Sem-3 (NEP)			
B23-CAP-301	Java OOP Foundations	CO1	Implement simple java programs.
		CO2	Implement multiple inheritance using Interfaces
		CO3	Implement Exception Handling and File Handling
		CO4	Use AWT to design GUI applications.
		CO5	Develop the project using java
B23-CAP-302	Linux and Shell programming	CO1	Understand Linux architecture.
		CO2	Use various Linux commands that are used to manipulate system operations
		CO3	Acquire knowledge of Linux File System
		CO4	Understand and make effective use of I/O and shell scripting language to solve problems

		CO5	To implement the programs based on various shell commands and programs in linux
B23-CAP-303	Data Base Technologies	CO2	Understand architecture – 3 level data representation and data independence. Differentiate Centralized and Client Server architecture to DBMS
		CO3	Know data models including ER Model & be able to build a ER Model given a problem.
		CO4	Understand RDBMS – Functional Dependency & Normalization
		CO5	Know the various types of Keys and Data constraints on databases.
		CO6	Understand SQL – Know to handle basic queries
BCA Sem-5			
351	Web Designing Fundamentals	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.
352	Operating System-I	CO1	learn how Operating System is Important for Computer System. 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
		CO4	To learn secondary memory management.
353	Artificial Intelligence	CO1	Demonstrate fundamental understanding of the history of artificial intelligence (AI) and its foundations
		CO2	Apply basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation, and learning
		CO3	Demonstrate awareness and a fundamental understanding of various applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models
354	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.
355	Programming Using Visual Basic	CO1	Students list the visual programming concepts.
		CO2	Explain basic concepts and definitions
		CO3	Express constants and arithmetic operations & Distinguish variable and data types
356	Multimedia Tools	CO1	Describe the types of media and define multimedia system.
		CO2	Describe the process of digitizing (quantization) of different analog signals (text, graphics, sound and video)
		CO3	Use and apply tools for image processing, video, sound and animation
		CO4	Apply methodology to develop a multimedia system

B.Sc. (Phy. Sc, Life Sc.) Sem-I (NEP)			
CC-1 MCC-1 B23-CSE-101 (Major)	Problem solving using C	CO1	Understand basic C-programming concepts like data-types, operators, arrays & various C-statements.
		CO2	Apply control structures and user defined functions for solving problem.
		CO3	Get familiar with advanced concepts like structures, union etc. in C language.
		CO4	Develop simple C Programs
CC-M1 B23-CSE-103 (Minor)	Basics of Computer Science	CO1	To introduce to the students, the basic understanding of the working of a computer system.
		CO2	To familiarize the students with the concept of algorithms and flowchart.
		CO3	To familiarize the students with the various types of software
		CO4	To make the students familiar with the basic internet technology and concepts.
B.Sc. (Phy. Sc, Life Sc.) Sem-II (NEP)			
B23-CSE-301 (Major/Minor)	Operating System	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.
B.Sc. NM Sem-5 Computer Sc.			
P-1	Fundamentals of Data Base Systems	CO1	Differentiate between Data & information. Also know about File-based sys. & Database sys
		CO2	Understand architecture – 3 level data representation and data independence. Differentiate Centralized and Client Server architecture to DBMS
		CO3	Know data models including ER Model & be able to build a ER Model given a problem.
P-2	Web Designing	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.
B.Com CAV Sem-5			
BC VOC-505	Web Technology	CO1	Students are able to develop a dynamic webpage by the use of java script and Students will be able to connect a java program to a DBMS and perform insert
		CO2	Students will be able to write a well formed / valid XML document & DHTML
		CO3	Students will be able to write a server side java application called Servlet to catch update and delete operations on DBMS table form data sent from client, process it and store it on database.
BC-VOC-506	Systems Analysis &	CO1	Explain what systems are and how they are developed

	Design	CO2	Identify and describe the phases of the systems development life cycle.
		CO3	Develop and evaluate system requirements.
		CO4	Work effectively in a team environment.

BCA Sem – I (NEP) (SEC)

B23-SEC-101	Office and Spreadsheet Tools Learning	CO1	Understand the basic concepts of operating systems
		CO2	Do the basic editing and formatting in a document
		CO3	Create basic spread-sheets for different purposes
		CO4	Create basic presentations for different applications
		CO5	To understand the working of operating system and various office tools practically.

B.Sc. (LSc/ PSc) Sem – I (NEP) (SEC)

B23-SEC-104	Essentials of Python	CO1	Understand the basic concepts of Python .
		CO2	Learn the syntax and semantics
		CO3	Illustrate the process of structuring the data using lists, tuples and dictionaries
		CO4	Write Python functions to facilitate code reuse and ma-nipulate strings.
		CO5	Understand the basic concepts of Python Programming practically

BA/ B.Com./ BSc-FD Sem – I (NEP) (SEC)

B23-SEC-103	Basic IT Tools	CO1	Identify the basic components of computers and terminology
		CO2	acquaint with Operating System and its applications for both desktop and mobile devices
		CO3	Understand computer networks, and browse the inter-net, content search, email and collaborate with peers
		CO4	Use e-Governance applications; and use computer to improve existing skills and learn new skills
		CO5	To implement various spreadsheet tools practically

BCA/ B.Sc. LSc/ PSc/ FD Sem – I (NEP) (SEC)

B23-SEC-301	Advance IT Skills	CO1	Use e-Governance applications; and use computer to improve existing skills and learn new skills
		CO2	Using internet for Digital Financial services
		CO3	understand the concept of Cyber security and issues and challenges associated with it
		CO4	Develop knowledge about Future Skills



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SESSION:2024-25

**SUBJECT OUTCOMES
DEPARTMENT:ECONOMICS**



Economics

Learning Outcomes (Odd Semester)

Session (2024-25)

Economics Department

Session: 2024-2025

B.A.1st SEM

Paper Code	Paper Name	Outcomes	
B23-ECO-101	MICROECONOMICS-I	CO:1	Understand the nature and scope of Economics, including the meaning of Economics, its Methods and why it is studied.
		CO:2	Analyze the role of an Economist, including the ability to think like an Economist, the Economist as a Scientist, and a Policy Adviser.
		CO:3	Evaluate the different types of economics activities and systems, including the organizations of economic activities and the evolution of present economic systems.
		CO:4	Apply the concepts of demand and supply, Elasticity to Real world economic situations.
		CO:5	They learn new things about Utilities and Indifferences Curve Analysis.
		CO:6	Get to know about Consumer Equilibrium, Production Function and Cost concept and Revenue analysis to real world economic situations. with their Formulas

B.A.3rd SEM

B23-ECO-301	MICROECONOMICS-II	CO:1	Analyze the given situations in a perfect market on a micro economic level.
		CO:2	Understand the internal structure and assumptions of the different analytical frameworks of market conditions.
		CO:3	Analyze given situations in a monopoly and monopolistic competition markets on a micro economic level.
		CO:4	Analyze given situations in various markets on a micro economic level.
		CO:5	Apply micro economic tools to solve real life problem especially under uncertainty and game theory

B.A.5th SEM

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EC25	INDIAN ECONOMY	CO:1	In this semester Students learn about the problems of Indian Economy and different Economic Systems.
		CO:2	They learn about why Indian Economy is seen as Underdeveloped economy, its reasons and how to overcome it.
		CO:3	They study and learn on which basis an underdeveloped economy is compared with developed economy.
		CO:4	It also studies the theory of Demographic Transition, population explosion and Occupational structure of Indian Economy.
		CO:5	They also learn about the problems of unemployment, poverty, and green revolution.
		CO:6	Get to know about the Agriculture Credits, Its policy, and Special Economic Zones - Merits and Demerits.



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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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SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:ENGLISH

Paper code	Paper Name		
BA Sem-I			
B23- ENG- 101	English Major	CO1	The students will comprehend different forms and techniques of short fiction.
		CO2	The students will be able to understand tenses.
		CO3	The students will understand parts of speech, voice and narration.
		CO4	The students will progress to understand basics of grammar.
BA Sem-I			
B23- ENG- 103-	English Minor	CO1	The students will be able to understand various hues of prose writings
		CO2	They will be able to understand different kinds of poetry.
		CO3	Students will be able to understand basics of English grammar.
		CO4	Students will be able to understand antonyms and synonyms in English

BA Sem III			
B23- ENG- 301	English Major & Minor	CO1	The students will be able to understand various components of poetry
		CO2	Perusal of poetry will enrich their knowledge of sub-genres of poetry
		CO3	The students will understand speech sounds in English language
		CO4	The students will be able to write phonemic transcription and word stress
BA Sem-V			
	English Compulsory	CO1	Grammar Skills
		CO2	Spoken English Skills
		CO3	Improve the language skills through comprehension. Presentations and group discussion

		CO4	Understand nuances of Post-colonial Literature, novel and its types
		CO5	Create literature sensibility and learn life skills through Novel Kanthapura by Raja Rao.
		CO6	Develop confidence for communicating in English and create interest for the life-long learning of English language
AEC SEM 1			
B23-AEC-1	English Language and Communication Skills Level 1	CO1	The students will learn various types of verbal and non-verbal communication.
		CO2	They will understand the importance of interpersonal communication on workplaces and different ways of behaviour and communication.
		CO3	They will comprehend the importance of listening skills and its types.
		CO4	They will be introduced to parts of speech and their role in language learning.
SEM III AEC III			
B23-AEC-3	English Language and Communication Skills: Level 3	CO1	The students will understand the importance of close reading and comprehension.
		CO2	They will learn the practical use of interview and presentation skills.
		CO3	They will enhance their vocabulary for better communication.
		CO4	They will be introduced to the correct use of articles and other parts of speech.
		CO2	They will learn the various types of sentences.
		CO3	They will comprehend the public speaking techniques and art of oratory.
		CO4	They will learn practical use of coherence in writing and contextual vocabulary
SEM III SEC III			
B23-SEC-311	Report Writing	CO1	The students will understand various aspects of report writing.
		CO3	They will learn planning and structure of report writing.

		CO4	They will learn the formatting of reports.
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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA**

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:FASHION DESIGNING



ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA

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B.Sc. Fashion Designing 2024-25

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

Estd. 1968



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Paper code	Paper Name	Outcomes	
Bachelor of Fashion Designing Sem. 3			
B-23-FDS-301	Indian Traditional Art	CO1	Learn about Traditional textiles
		CO2	Knowledge of Indian Embroideries
		CO3	Also understand the Traditional Art
B-23-FDS-302	Women Clothing-I	CO1	Understand the fundamentals of Body Measurement
		CO2	Learn about clothing of different occasions
		CO3	Knowledge of handling special fabrics, fitting problems
B-23-FDS-303	Apparel Production Techniques	CO1	Know about Garment Industry Process
		CO2	Understand the cutting and machine operation available in the Industry
		CO3	Understand the selection of machine for production of the required Garment
B-23-FDS-304	Branding & Sales Promotion	CO1	Know about Branding Process
		CO2	Understand about various brands and brand management
		CO3	Learn various fashion promotional techniques

स्नेह, सेवा, सदाचार

Estd. 1968



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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

Estd. 1968



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B.Sc. Fashion Designing 2024-25

(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

Estd. 1968



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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA**

SESSION:2024-25

SUBJECT OUTCOMES

**DEPARTMENT:HEALTH & PHYSICAL
EDUCATION**



Subject Outcomes
Odd Semesters for the Session 2024-25
Health and Physical Education

Paper code	Paper Name		Outcomes
B.A. 1st Semester Core Course - 1 B23- PED -101	History and Foundation of Physical Education	CO-1	Describe the Aims, Objectives and scope of Physical Education.
		CO-2	Explain the historical development of Physical Education in India
		CO-3	Illustrate the basic knowledge of biological aspects of Physical Education
		CO-4	Tell the various Career opportunities in Physical Education and Sports.
BA 3rd Semester Core Course - 3 B23- PED -301	Exercise Physiology	CO-1	Describe the Exercise Physiology, Body Composition and types of muscle contractions
		CO-2	Explain the effect of exercise on the various aspects of Skelton muscles
		CO-3	Illustrate the effects of various aspects of circulatory system
		CO-4	Tell the various Effects of exercise on the various capacities and volumes of lung.
BA 5th Semester PE-25	Health& Physical Education	CO-1	Understand the concept of Growth & Development
		CO-2	To acquire knowledge about Sports Organization & Administration.
		CO-3	Study the concept of Body Posture and Deformities.
		CO-4	To Know the Anatomy and Physiology of Circulatory System.



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**ARYA KANYA MAHAVIDYALYA
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SESSION:2024-25

**SUBJECT OUTCOMES
DEPARTMENT:HINDI**

**ARYA KANYA MAHAVIDYALYA, SHAHABAD MARKANDA**

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akmshahabad@yahoo.com**पाठ्यक्रम के परिणाम: सत्र (2024-25)****विषम सेमेस्टर****बी० ए० प्रथम वर्ष (सेमेस्टर 1)**

पेपर कोड	पेपर का नाम		पाठ्यक्रम के परिणाम
B23 HIN- 101	Major	CO-1	भाषा के विभिन्न रूपों और भाषा का तकनीकी ज्ञान प्रदान करना।
		CO-2	आधुनिक कवियों का परिचय प्राप्त होना।
		CO-3	विभिन्न काव्य बोलियों के विषय में ज्ञान समृद्ध होना।
B23 HIN- 103	Minor	CO-1	हिंदी व्याकरण से परिचित कराया जाएगा।
		CO-2	लेखन कौशल के विभिन्न पहलुओं के उपयोग को सीखेंगे।
		CO-3	विराम चिह्नों और वर्तनी के व्यावहारिक उपयोग को सीखेंगे।
B23- AEC- HIN- 121	AEC Level-1	CO-1	भाषा के विभिन्न पहलुओं को सीखेंगे।
		CO-2	व्याकरण के महत्व को समझेंगे।
		CO-3	भाषा कौशल और उसके प्रकारों के महत्व को समझेंगे।

बी० ए० द्वितीय वर्ष (सेमेस्टर 3)

B23 HIN- 301	Major	CO-1	गद्य के विभिन्न घटकों को समझने में सक्षम होंगे।
		CO-2	निबंध प्रकार के अध्ययन से विभिन्न गद्य का उनका ज्ञान समृद्ध होगा।
		CO-3	छात्राओं को गद्य लेखकों से परिचित कराया जाएगा।
B23- AEC- HIN- 321	AEC Level-3	CO-1	हिन्दी भाषा में संचार से परिचित कराया जाएगा।
		CO-2	लेखन कौशल के विभिन्न पहलुओं और संचार में उनके उपयोग के बारे में जानेंगे।
		CO-3	उन्हें संचार का व्यापक ज्ञान होगा।
B23- SEC- HIN- 309	SEC Level- 300-399	CO-1	अनुवाद के विभिन्न पहलुओं को समझना।
		CO-2	विभिन्न साहित्यिक और सामाजिक मीडिया संदर्भों के लिए लेखक के अंतर को स्पष्ट करना।
		CO-3	छात्राओं को बुनियादी कौशल अनुवाद और लेखन से परिचित कराना।



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बी० ए० तृतीय वर्ष (सेमेस्टर 5)

HIN-25	हिन्दी अनिवार्य	CO-1	लोकमंगल, भावनात्मक एकता एवं सांस्कृतिक परम्परा से छात्राओं को जोड़ना।
		CO-2	पाठ्य रचनाओं के सन्दर्भ में समीक्षा की क्षमता विकसित करना।



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SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:HISTORY



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Subject Out Comes:- Department of History (2024-25) ODD SEMESTER

Paper Code	Paper Name	Outcomes	
B.A.-I Sem.-I			
B-23 HIS-101 (Major)	Idea of Bharat	CO 1	Acquint with the concept of Bharatvarsha and also learn about Ancient Tradition and Knowledge System
		CO 2	Understand the concept of Dharma, Philosophy, Art and Culture in Ancient India
		CO 3	Developments in the spheres of Science, Environment, Policy and Economy in Ancient India
		CO 4	Learn about the Ancient Maritime Commerce on outline Map
B.C.A./B.Sc./B.Com. Sem.-I			
MDC B-23 HIS-104	Glimpses of Ancient India	CO 1	To learn about the Indus Civilization.
		CO 2	To understand the Vedic Age.
		CO 3	Learn about the Jainism and Buddhism.
		CO 4	To understand the Ancient Empire Mauryan and Gupta Empire
B.A.-II Sem.-III			
B-23 HIS-301	History of India (1206 AD to 1757 AD)	CO 1	To learn about the Emergence of Delhi Sultanate.
		CO 2	Mughal Emperor with Special policy of Akbar & Aurengzeb
		CO 3	Learn about the European Trade and India become a colony.
		CO 4	To learn about the First War of Independence and Causes, impact and failure
B.A.-III Sem.-V			
HR-25 Opt (ii)	Rise of Modern World	CO 1	The Historical tendencies of west i.e. Rehaissance, Religious Reform Movements, Merchant Revolution, Scientific Revolution
		CO 2	To understand how these historical tendencies transformed the Europeans Society
		CO 3	Industrial Revolution & Agriculture Revolution is a big change of Europe.
		CO 4	To understand the European Society



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SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:HOME SCIENCE

Home Science (2024-25)

Odd Semester Outcomes

B.A. Sem-V		
Paper Code	Paper Name	Outcome
HS 25	Food and Nutrition	Importance of nutrition especially in present scenario.
		Planning and preparing diets for various age groups of invalid diets for patients.



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SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:MATHEMATICS

Mathematics Subject Outcomes

Odd Semester

Session-2024-25

Paper Code	Paper Name , Teacher Name		Outcomes
B.Sc./B.A. Sem-1			
B23- MAT- 101	Calculus (Dr. Hema Sukhija)	CO1	Gain knowledge of the concepts and theory of limit, continuity and differentiability of functions. Attain skills of calculating the limit of functions and examining the continuity and differentiability of different types of functions, and perform successive differentiation of functions. To apply the procedural knowledge to obtain the series expansions of functions which find multidisciplinary applications
		CO2	Understand concepts of asymptotes and curvature, the geometrical meaning of these terms and to have procedural knowledge to solve related problems
		CO3	Determine singular points of a curve and classify them. Understand the concept of rectification of curves and derive the reduction formulae
		CO4	Have theoretical knowledge and practical skills to evaluate the area bounded by the curves, and volume and surface area of solids formed by revolution of curves
B.Sc./B.A. Sem-III			
B23- MAT- 301	Differential Equations-I (Dr. Hema Sukhija)	CO1	Gain knowledge of the basic concepts of ordinary differential equations and learn various techniques of finding exact solutions of certain solvable first order differential equations.
		CO2	Have procedural knowledge and cognitive and technical skills of solving homogeneous and nonhomogeneous second order linear ordinary differential equations with constant coefficients and with variable coefficients.
		CO3	Gain knowledge of theory of total differential equations and basic concepts of partial differential equations. To learn methods and techniques for solving linear PDEs of first order and to acquire technical skills for accomplishing assigned tasks relating to formulation and solution of PDEs in broad multidisciplinary contexts.
		CO4	Have knowledge of concepts and theories of second order PDEs and to apply theory of PDEs to determine integral surfaces through a given curve and to find orthogonal surfaces. To understand compatible systems and to learn cognitive and technical skills required for selecting and using relevant Charpit

method, Jacobi method methods to assess the appropriateness of approaches for solving PDEs..

B.Sc./B.A. Sem-V

BM-351	Real Analysis (Dr. Hema Sukhija)	CO1	Real Analysis is the branch of mathematical analysis that studies the behavior of real numbers, sequences and series of real numbers, and real functions.
		CO2	Learn real sequences, their limit, boundedness and convergence. To find convergence and divergence of a sequence. To understand Cauchy sequence, subsequence and to prove related theorems
		CO3	Learn basic theory of Riemann integration. Learn fundamental theorem and mean value theorem of integral calculus
		CO4	Understand improper integrals and to have knowledge to test their convergence. Understand integral as a function of a parameter and apply methods for problem solving
		CO5	Some particular properties of real-valued sequences and functions that real analysis studies include convergence, limits, continuity, smoothness, differentiability and integrability.
		CO6	Understand concepts of metric spaces, sub spaces and their properties. Learn open, closed and bounded sets, interior and limit points , Cauchy sequence and completeness. Learn it for further study of Mathematics
BM-352	Groups and Rings (Ms. Ishika)	CO1	Students will able to Define subgroup, center, Normalizer of a subgroup.
		CO2	Find cycles and transpositions of a given permutations.
		CO3	Prove Lagrange's theorem ,Euler's theorem and Fermats theorem Define cyclic groups
		CO4	Prove a group has no proper subgroup if it is cyclic group of prime order
		CO5	Define normal subgroups , quotient groups and index of a subgroup
		CO6	Define homomorphism ,kernel of homomorphism, isomorphism prove Cayley's theorem , the fundamental theorem of homomorphism for groups
		CO7	Thus group theory and the closely related representation theory have many important applications in physics, chemistry, and materials science.

BM-353	Numerical Analysis (Ms. Ishika)	CO1	Numerical Analysis is the area of mathematics and computer science that creates, analyzes, and implements algorithms for solving numerically the problems of continuous mathematics. Such problems originate generally from real-world applications of algebra, geometry, and calculus, and they involve variables which vary continuously.
		CO2	These problems occur throughout the natural sciences, social sciences, medicine, engineering, and business.
		CO3	Numerical methods are used for deeper understanding to predict the anomalies which are not possible in the analytical methods because the analytical method can solve only two or three unknown variables but numerical methods can do much more than it very accurately.
		CO4	To improve the student's skills in numerical methods by using the numerical analysis software and computer facilities
		CO5	This approach involves formulation of mathematical models physical situations that can be solved with arithmetic operations.

B.Com. Sem-I

B23-COM-104	Business Mathematics-I (Dr. Hema Sukhija)	CO1	Students will be able to: Understand set theory, logical statements and truth tables.
		CO2	Learn the logarithms and arithmetic and geometric progressions and their applications
		CO3	Familiarize with the concepts of matrices and determinants. Learn to solve system of simultaneous linear equations
		CO4	Have the conceptual knowledge of Compound interest, annuity, loan, debenture and sinking funds and attain skills to use these concepts in daily life

BCA Sem-I

B23-CAP-104	Mathematical Foundations for Computer Science-I (Ms. Ishika)	CO1	Students will be able to : Gain the knowledge of set theory, types of sets and operations on sets. Understand various concepts of matrices and determinants, and acquire the cognitive skills to apply different operations on matrices and determinants
		CO2	Have the knowledge of the basic concepts of complex numbers and acquire skills to solve linear quadratic equations.
		CO3	Gain the knowledge of the concepts of Arithmetic progression, Geometric progression and Harmonic progression, and find A.M., G.M. and H.M. of given numbers.
		CO4	Understand the concept of differentiation



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ARYA KANYA MAHAVIDYALYA

SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:MUSIC

Department of Music
Session : 2024-25 (Odd Semester)
Course Outcomes

B.A.SEM. I

Paper Code	Paper Name	OUTCOMES
B23-BMV-101	Musicology	Students came to know about the basics of music
CC		Introduced aesthetics and social significance of music
		They came to know the detailed study of Raagas
		They learnt about the short topics.

B.A.SEM. III

B23-BMV-301	General Introduction to Musical Forms, Terms & Techniques	Students came to know about shalies of Classical music
CC		They came to know the knowledge of Notation System
		Classification and knowledge of Musical Instruments
		They learnt about Gharana's of Khayal Gayan

B.A.SEM. V

MV25	Music Theory	They had learnt Musical History Of Indian Music
		Came to know origin of gharanas of music
		They learnt tuning of Instruments and Demonstration on stage
		They came to know about the time theory.



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SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:PHYSICS

PHYSICS DEPARTMENT, SESSION 2024-25
COURSE OUTCOMES (ODD SEMESTER)

Paper code	Teacher Name & Paper Name	Outcomes	
		After completion of this course, students will be able to	
B.Sc. 1 st (Sem-1) B23-PHY -101	Mrs. Sanjul Gupta (Mechanics) (CC-1/MCC-1)	CO1	Understand thermodynamics of system of particles, conservation of energy and momentum application of both translational and rotational dynamics motions simultaneously in analyzing rolling with slipping.
		CO2	Differentiate between elastic and plastic body. Elastic constants, determination and their physical significance. Torque and its significance.
		CO3	Familiar about the special theory of relativity and its applications. Michelson's Morley experiments and its finding.
		CO4	Analyze the two body Central Force problem and its applications.
B. Com I (Sem-1) B23-PHY -104	Mrs. Sanjul Gupta (Physics Fundamental-I) (MDC-1)	CO1	Have knowledge about the nature, scope and impact of physics on technological development of the society.
		CO2	Understand and describe motion of an object in one dimension.
		CO3	Understand and describe the laws of motion and their applications in daily life.
		CO4	Understand and appreciate the importance of work, power and energy in daily life.

Paper code	Teacher Name & Paper Name	Outcomes	
		After completion of this course, the learner will be able to:	
B.Sc. 2 nd B23- PHY- 301	Dr. Poonam Siwatch (Thermodynamics & Statistical Physics)	CO1	Understand and describe the basic concepts and laws of thermodynamics.
		CO2	Apply the laws thermodynamics to develop Maxwell's thermodynamic relations and understand their physical interpretations
		CO3	Appreciate cellular nature of phase space and have better understanding of classical statistics which would result in greater insights into solutions of various complex problems
		CO4	Have better understanding of Quantum statistics and are in position to extend the treatment to the analysis of complex problems.

Paper code	Teacher Name & Paper Name	Outcomes	
		After completion of this course, the learner will be able to:	
B.Sc. 3 rd PH 501	Dr. Poonam Siwatch (Quantum and Laser Physics)	CO1	Know and understand the difference between classical and Quantum Physics, Photoelectric Effect, Compton Effect, De-Broglie Hypothesis, Uncertainty Principle, Schrodinger wave equation.
		CO2	Apply and Solve Schrodinger equation for ground state energy and wave functions of various simple quantum mechanical one dimensional and three dimensional potentials.
		CO3	Familiar with optical phenomena and different concepts related to laser physics, Understand and explain the basic principles of working of LASER.
		CO4	Know and understand the working of He-Ne Laser, Ruby Laser, Semiconductor Laser, understand and appreciate the applications of Lasers in developing LED, Holography, in materials processing, in Medicine, Industry and Military.
B.Sc. 3 rd PH 502	Dr. Poonam Siwatch (Nuclear Physics)	CO1	Learn about concepts of nuclear physics and nuclear energies and importance of their use for mankind.
		CO2	Understand the relationship between particles & atom, as well as their creation & decay. Relate the structure of atoms & subatomic particles.
		CO3	Understand nuclear composition and elementary particles, charge symmetry and independence, spin dependency and nuclear force
		CO4	Analyze the ideas of basics of nucleus and their energy, nuclear fission and fusion,.
		CO5	Distinguish between types of nuclear models.
		CO6	Understand basic principle and classification of reactors.

Paper	Teacher Name &	Outcomes
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code	Paper Name	After completion of this course, the learner will be able to:	
B23- VAC-201	Dr. Poonam Siwatch (G-1) Mrs. Sanjul Gupta (G2) Environmental Studies	CO1	Understand the concept of environmental studies, sustainable development and ecosystem
		CO2	Learn about various natural resources, biodiversity and its conservation
		CO3	Know about the types of pollution, solid waste management, global environmental issues and environmental laws
		CO4	Understand the concept of population growth and its impact on environment and disaster management



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ARYA KANYA MAHAVIDYALYA

SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:POLITICAL SCIENCE

Political Science

Sem-1st

Session 2024-25

Paper Name -Principals of Political science-

Teacher Name – Pooja

Course Outcomes

- CO:1 The students came to know about the basics of Political Science .
- CO:2 To understand the main sources of political Theory .
- CO:3 They had learnt about the digital platforms and learnt their duties to become a better citizen.
- CO:4 They knew about the current affairs and mythology in group discussion and E Newspaper.
- CO:5 The qualities of leadership and confidence developed in them.
- CO:6 They had learnt about their supreme law in class discussion.


Principal (offg.)
Arya Kanya Mahavidyalya
Shahabad Markanda

Political Science

Sem-2nd

Session 2024-25

Paper Name: Principals of political science-II

Teacher Name - Pooja

Course Outcomes

- CO:1 Students come to know about the basics of Theory of pol science .
- CO:2 They had learnt about the digital platforms and discussed Rule of law .
- CO:3 They knew about the current affairs and mythology in group discussion.
- CO:4 The qualities of leadership and confidence developed in them.
- CO:5 They had cleared their therotical knowledge with real example.


Principal (offg.)
Arya Kanya Mahavidyalya
Shahabad Markanda

Political Science

Sem-3rd

Session 2024-25

Paper Name – Indian Constitutions

Teacher Name - Pooja

Course Outcomes

- CO:1 The students came to know about the basics of Indian Constitution.
- CO:2 To understand the main sources of Constitution and it's Preamble.
- CO:3 They had learnt about the digital platforms and learnt their duties to become a better citizen.
- CO:4 They knew about the current affairs and mythology in group discussion and E Newspaper.
- CO:5 The qualities of leadership and confidence developed in them.
- CO:6 They had learnt about their supreme law in class discussion.

Aash
Principal (offg.)
Arya Kanya Mahavidyalya
Shahabad Markanda

Political Science

Sem- 4th

Session 2024-25

Paper Name – Indian Government and Politics

Teacher Name - Pooja

Course Outcomes

CO:1 Students come to know about the basics of Indian Politics.

CO:2 They had learnt about the digital platforms and discussed India's critical issues like caste, religion and language.

CO:3 They knew about the current affairs and mythology in group discussion.

CO:4 The qualities of leadership and confidence developed in them.

CO:5 They had cleared their theoretical knowledge with real example.


Principal (offg.)
Arya Kanya Mahavidyalya
Shahabad Markanda

Political Science

Sem-5th

Session 2024-25

Paper Name – International Relations

Teacher Name - Pooja

Course Outcomes

CO:1 The students came to know about the basics International Relations.

CO:2 They had learnt about the digital platforms and discussed current issues in the class.

CO:3 They knew about the current affairs and mythology in group discussion and to understand IR approaches.

CO:4 The qualities of leadership and confidence developed in them.

CO:5 They had discussed the relation among the nations in class and discussed India's relations with neighborhood.


Principal (offg.)
Arya Kanya Mahavidyalya
Shahabad Markanda

Political Science

Sem-6th

Session 2024-25

Paper Name – International Organization

Teacher Name - Pooja

Course Outcomes

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 Students had discussed current issues in class.

CO:5 They had used E-newspaper for International news and updates.

CO:6 They had discussed current news and updates of International Organization and it's agencies

Santi
Principal (offg.)
Arya Kanya Mahavidyalya
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ARYA KANYA MAHAVIDYALYA

SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:PUNJABI



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Course Outcomes (Deptt. of Punjabi)
Session 2024-25 (Odd Semester)

B.A. Sem. I			
Paper Code	Paper Name		Outcomes
B23- PNB- 101	Aadhunik Punjabi Kavita Ate Viharak Punjabi	CO-1	The students understand about the history of Punjabi Poetry and different forms of Punjabi Poetry.
		CO-2	The students acquire the detail knowledge about reading and analysing Punjabi poetry.
		CO-3	Official Terminology enhances the vocabulary of the students.
		CO-4	The students will understand the lack use of Punjabi idioms in daily life.
AEC Punjabi, Sem. I			
B23- PNB- AEC- 141	Punjabi Bhasha Ate Sanchar-I	CO-1	Students will learn Punjabi and will be able to communicate in Punjabi.
		CO-2	Students will understand the sentence structure and practical use of Punjabi Language.
		CO-3	Students will be able to understand the grammatical units of Punjabi Language
B.A. Sem. III			
B23- PNB- 301	Aadhunik Punjabi Vartak Ate Viharak Punjabi	CO-1	The students understand about the history of Punjabi Prose and different forms of Punjabi Prose like Auto-Biography, Biography and Essay Writing.
		CO-2	The students will acquire knowledge about the writing techniques of Auto-Biography, Biography and Essay Writing.
		CO-3	The students will understand the differences between Auto-Biography, Biography. Grammar part of this semester enhances the knowledge about different types of Meter, the role of Meter in the Poetry and sentence structure of Punjabi Language.
		CO-4	
B.A. Sem. V			
EP-25	Elective Punjabi	CO-1	The students become able to understand about various types of poetical writings.
		CO-2	The students acquire the knowledge of writing techniques of essay.
		CO-3	The students acquire the knowledge of different Punjabi poetic forms e.g. Kissa, Var, Jangnama, Gazal, Kaafi etc.
		CO-4	Hindi to Punjabi translation improves the vocabulary the students.


Dr. Simarjeet Kaur
HOD, Department of Punjabi


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

Principal (Offg.)
Arya Kanya Mahavidyalya
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**ARYA KANYA MAHAVIDYALYA
SHAHABAD MARKANDA**

SESSION:2024-25

**SUBJECT OUTCOMES
DEPARTMENT:SANSKRIT**

SUBJECT OUTCOMES

संस्कृत-विषमसामिसत्रम्

सत्र 2024-25

विषय -कोड:	विषय-नाम	परिणाम:
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-तृतीयसामिसत्रम्		
CLO-301-1	महाभारत: 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	रामायण: 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।

विषय -कोड:	विषय-नाम	परिणाम:
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-पंचमसामिसत्रम		
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 कर्त्ता, 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 सूक्ष्मांकन करने में समर्थ होंगे।



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SHAHABAD MARKANDA

SESSION:2024-25

SUBJECT OUTCOMES

DEPARTMENT:ZOOLOGY

Mrs .Jyoti

BSc 3rd year learning outcomes

Sr no.	Paper I-Environmental Biology
	Student will be able to
	1.Learn the concepts of ecology
	2. Explain about factor affecting the environment
	3. Study the major ecosystem of the World.
	4.understand the concept of food chain and ecological pyramids
	5.Able to explain biogeochemical cycles
	6.Able to understand concepts of population
	7.learn the concepts of biodiversity and conservation of natural resources
	8.clear the concepts of migration in fishes
	9. Understand the concept of parental care in animals
	explain 10. explain about population interaction
	11.Understand the various types of environmental pollution
	PaperII- Evolution and Developmental Biology
	1.Study the concept of origin of life
	2.Learn and clear the concept of organic evolution.
	3.Study the theories of organic evolution
	4.Able to explain micro, macro and mega evolution

	5.Learn the concept of species
	6.Learn the phylogeny of horse .
	7.Study the evolution of man
	8.Able to explain concept of developmental biology.
	9.learn about fertilization process
	10.Clear the concept of blastulation process in frog and chick
	11.Learn the gastrulation in frog and chick
	12.Able to explain primary organizers
	13.study extra-embryonic membranes
	14.Clear the concept of competence, determination and differentiation
	15.learn the concept of regeneration