PREMCHAND MARKANDA S.D. COLLEGE FOR WOMEN, JALANDHAR CITY
Re-accredited 'A^{+}' grade (2nd Cycle) by NAAC Bangalore
A unique prestigious Post Graduate Institution of Northern India

The B.A. B.Ed. Integrated Course is a professional undergraduate program designed to train students in both the fields of education and the arts. The goal of the program is to produce competent, well-rounded professionals capable of making meaningful contributions to the education sector.

Program Outcomes

PO 1.	After completing the B.A. B.Ed. four-year integrated course, students can pursue M.A. and M.Ed. degrees.
PO 2.	Students may secure jobs in PSEB, CBSE, and ICSE schools. They can also start coaching centers. The course as a whole opens up several career opportunities for students in various areas of the public and government sectors.
PO 3.	Students will cultivate the ability to manage diverse classrooms using various methods of discipline, engagement, and motivation. They will also acquire knowledge of assessment tools and techniques to evaluate and enhance student learning.
PO 4.	Students will develop the ability to teach learners from diverse backgrounds, including those with special educational needs. They will also understand the psychological development of children and use this knowledge to support their learning.
PO 5.	Students will learn to use educational technology effectively to enhance teaching, learning, and student engagement. They will also acquire research methods to evaluate educational practices and contribute to educational development.
PO 6.	Students will develop verbal and written communication skills to interact effectively with students, parents, and colleagues.
PO 7.	Students will recognize the role of education in promoting social change and contribute to the development of a more equitable society.

COURSE OUTCOME
DEPARTMENT- B.A. B.Ed.
Name of the class- B.A. B.Ed.
Semester- I

Paper- Yoga Education

CO.1	Knowledge of historical and philosophical background of Yoga.
CO.2	Manage stress through Yoga
CO.3	Correlate Yoga with Education
CO.4	Knowledge of different Yoga asana and meditation techniques
CO.5	Knowledge of historical development of yoga and its evolution into various modern practices, including different styles and schools

Course/Paper name- General English

CO.1	To study the diverse cultural perspectives presented in the stories 'Tales of Life' reflecting the values,

	traditions, and experiences of various communities.
CO.2	To identify and discuss the themes and moral lessons present in Prose.
CO.3	To explore how the tales and prose evoke empathy and emotional responses from readers.
CO.4	Students are able to identify and understand the various parts of speech, including nouns, verbs, adjectives, adverbs, pronouns, prepositions, conjunctions, and interjections.
CO.5	To develop an understanding of sentence structure, including subjects, predicates, clauses, and phrases analyzing and constructing grammatically correct sentences.

Paper – General Punjabi)

CO.1	ਪੰਜਾਬੀ ਪੁਸਤਕ **ਦੋ ਰੰਗ** ਵਿੱਚ ਮੌਜੂਦ ਕਹਾਣੀਆਂ ਅਤੇ ਕਵਿਤਾਵਾਂ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ, ਸਮਾਜ, ਨੈਤਿਕ ਕਦਰਾਂ-ਕੀਮਤਾਂ, ਪਰੰਪਰਾਵਾਂ ਅਤੇ ਤਜ਼ਰਬਿਆਂ ਨੂੰ ਪੇਸ਼ ਕਰਦੀਆਂ ਹਨ ਜੋ ਕਿ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਜੀਵਨ ਬਾਰੇ ਵਿਭਿੰਨ ਪੱਖਾਂ ਤੋਂ ਅਧਿਐਨ ਕਰਨ ਲਈ ਦ੍ਰਿਸ਼ਟੀਕੋਣ ਪ੍ਰਦਾਨ ਕਰਦੀਆਂ ਹਨ □
CO.2	ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ ਪੁਸਤਕ ਵਿੱਚ ਦਰਜ਼ ਵੱਖ-ਵੱਖ ਕਲਾ ਖੇਤਰਾਂ ਵਿੱਚ ਪ੍ਰਬੀਨ ਕਲਾਕਾਰ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਪ੍ਰੇਰਨਾ ਸਰੋਤ ਬਣ ਕੇ ਉਹਨਾਂ ਨੂੰ ਕਿੱਤਾਮੁੱਖੀ ਮਿਹਨਤ, ਲਗਨ, ਦ੍ਰਿੜਤਾ ਅਤੇ ਸਫ਼ਲਤਾ ਪ੍ਰਾਪਤੀ ਦੇ ਯੋਗ ਬਣਾਉਂਦੇ ਹਨ।
CO.3	ਵਿਦਿਆਰਥੀ ਵਿਆਕਰਣ ਦੇ ਵੱਖ ਵੱਖ ਭਾਸ਼ਾਈ ਹਿੱਸਿਆਂ ਨਾਂਵ, ਪੜਨਾਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਸੰਬੰਧਕ, ਯੋਜਕ ਦੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਕੇ ਵਿਆਕਰਣ ਪੱਖੋਂ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸ਼ੁੱਧ ਅਤੇ ਸਪੱਸ਼ਟ ਲਿਖਣ, ਬੋਲਣ ਦੇ ਯੋਗ ਬਣਦੇ ਹਨ।
CO.4	ਅਖਾਣ, ਮੁਹਾਵਰੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਸਮੇਂ ਅਤੇ ਸਥਿਤੀ ਅਨੁਸਾਰ ਢੁੱਕਵੀਂ, ਰਸਦਾਇਕ ਠੇਠ ਅਤੇ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਵਰਤੋਂ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਂਦੇ ਹਨ। ਪੰਜਾਬੀ ਭਰੋਲਿਕ ਵਰਤਾਰੇ ਤੇ ਵਿਰਸੇ ਨਾਲ ਜੁੜੇ ਰਹਿਣ ਲਈ ਪ੍ਰੇਰਨਾ ਸਰੇਤ ਬਣਦੇ ਹਨ।
CO.5	ਵਿਦਿਆਰਥੀ ਵਿਵਸਾਇਕ ਅਤੇ ਵਿਵਹਾਰਕ ਜੀਵਨ ਵਿੱਚ ਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਹੱਲ ਕਰਨ ਅਤੇ ਜ਼ਰੂਰਤਾਂ ਦੀ ਪੂਰਤੀ ਲਈ ਨਿੱਜੀ ਅਤੇ ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਜਾਂ ਅਰਜੀ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋ ਜਾਂਦੇ ਹਨ।

Course/Paper name- Basic Punjabi

CO.1	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਗੁਰਮੁੱਖੀ ਵਰਣਮਾਲਾ ਦੇ ਅੱਖਰਾਂ ਅਤੇ ਲਗਾਮਾਤਰਾਵਾਂ ਨੂੰ ਕ੍ਰਮ ਵਿੱਚ ਲਿਖਣ ਅਤੇ ਪਛਾਣ ਕਰਨ ਦੇ ਯੋਗ ਹੋਏ ।
CO.2	ਵਿਦਿਆਰਥੀ ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ ਅਤੇ ਮਾਤਰਾਵਾਂ ਨੂੰ ਵਿਅੰਜਨਾਂ ਅਤੇ ਸਵਰਾਂ ਦੇ ਅਧਾਰ ਤੇ ਪਛਾਨਣ ਦੇ ਯੋਗ ਹੋਏ ।
CO.3	ਪੈਰ ਵਿੱਚ ਬੰਦੀ ਵਾਲੇ ਵਰਣਾਂ ਅਤੇ ਪੈਰ ਵਿੱਚ ਪੈਣ ਵਾਲੇ ਵਰਣਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਹੋਈ ।
CO.4	ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ ਦੇ ਨਿਯਮਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਅਤੇ ਵਰਤੋਂ ਦੇ ਬਾਰੇ ਪਤਾ ਲੱਗਾ ।
CO.5	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਪੜਨ ਅਤੇ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਏ ।

Course/Paper - Stream 1 (Elective English)

CO.1	By applying feminist literary theory, students will examine how "A Doll's House" challenges and reflects gender norms, contributing to a broader understanding of feminist perspectives in literature
CO.2	Students will achieve improved phonetic accuracy, demonstrating the ability to pronounce English sounds, vowels, and consonants correctly.
CO.3	The course aims to assist students in minimizing or modifying accents that may impede clear communication, allowing them to speak English more confidently in various contexts.
CO.4	Students will acquire a comprehensive understanding of key literary terms, literary devices, and rhetorical techniques.
CO.5	The course will encourage students to apply literary terms beyond literature, recognizing their relevance in related fields such as film studies, cultural analysis, and rhetoric.

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

CO.1	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1700 ਈ. ਤੱਕ) ਪੁਸਤਕ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਲੋਕ ਸਾਹਿਤ, ਨਾਥ ਜੋਗੀਆਂ ਦਾ ਸਾਹਿਤ, ਗੁਰਮਤਿ ਕਾਵਿ, ਸੂਫੀ ਕਾਵਿ, ਕਿੱਸਾ ਕਾਵਿ, ਬੀਰ ਕਾਵਿ ਅਤੇ ਵਾਰਤਕ ਦੇ ਇਤਿਹਾਸਕ ਅਤੇ ਸਭਿਆਚਾਰਕ ਪਿਛੋਕੜ ਦੇ ਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਜਾਣੂ ਹੋਏ ਅਤੇ ਦਲੀਲ ਭਰਪੂਰ, ਤੁਲਨਾਤਮਕ ਅਤੇ ਸਥਿਤੀਆਂ, ਘਟਨਾਵਾਂ ਦੇ ਹਵਾਲੇ ਨਾਲ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰਨ ਦੇ ਯੋਗ ਹੋਏ □
CO.2	ਕਵਿਤਾ ਅਤੇ ਨਿੱਕੀ ਕਹਾਣੀ ਸਾਹਿਤਕ ਵਿਧਾ ਦੀ ਸਿਰਜਨ ਕਲਾ ਨੂੰ ਪਛਾਨਣ ਦੇ ਯੋਗ ਹੋਏ ਅਤੇ ਇਹਨਾਂ ਵਿੱਚ ਪੇਸ਼ ਸਮਿਜਕ, ਆਰਥਿਕ ਅਤੇ ਮਾਨਸਿਕ ਵਿਭਿੰਨ ਪਰਤਾਂ ਅਤੇ ਦ੍ਰਿਸ਼ਟੀਕੋਣਾਂ ਬਾਰੇ ਸਮਝ ਪੈਦਾ ਹੋਈ ।
CO.3	ਰੋਜਾਨਾ ਜੀਵਨ ਵਿੱਚ ਦਰਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ ਦੇ ਹੱਲ ਲਈ ਦਫ਼ਤਰੀ ਅਤੇ ਨਿੱਜੀ ਚਿੱਠੀ ਪੱਤਰ ਅਤੇ ਅਰਜੀਆਂ ਨੂੰ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਅਤੇ ਹੁਨਰਮਈ ਢੰਗ ਨਾਲ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਏ।
CO.4	ਵਿਸ਼ਰਾਮ ਚਿੰਨਾਂ ਦੀ ਠੀਕ ਵਰਤੋਂ ਕਰ ਕੇ ਪੰਜਾਬੀ ਲਿਖਤਾਂ ਨੂੰ ਪ੍ਰਭਾਵ ਪੂਰਨ ਅਤੇ ਸਾਰਥਕ ਰੂਪ ਦੇਣ ਦੀ ਯੋਗਤਾ ਹਾਸਲ ਕੀਤੀ। ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਕੋਸ਼ਕਾਰੀ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਵਰਗੀਕਰਨ ਅਤੇ ਕੋਸ਼ਾਂ ਦੀ ਮਹੱਤਤਾ ਤੋਂ ਇਲਾਵਾਂ ਇਹਨਾਂ ਦੀ ਵਰਤੋਂ ਵਿਧੀ ਵਿੱਚ ਨਿਪੁੰਨਤਾ ਹਾਸਲ ਕੀਤੀ।
CO.5	ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝਣ ਦੇ ਨਾਲ-ਨਾਲ ਧੁਨੀ ਸੰਪਰਦਾਇ, ਰਸ ਸੰਪਰਦਾਇ, ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਵਿਤਾ ਵਿੱਚ ਇਹਨਾਂ ਦੀ ਵਰਤੋਂ ਨੂੰ ਸਮਝਣ ਦੇ ਯੋਗ ਹੋਏ।

(Mathematics)

Course/Paper name- Algebra

CO.1	Solve system of linear equations and obtain Eigen values, Eigen vectors, minimal and characteristic equation of a matrix
CO.2	Classify real quadratic form in variables, definite, semi- definite and indefinite real quadratic form
CO.3	Understand the concept of matrix congruence of skew symmetric matrices and its reduction in real field.
CO.4	To find the relations between the roots and coefficients of general polynomial equation in one variable.
CO.5	Distinguish between solution of cubic equations and Bi-quadratic equations.

Course/Paper name- Calculus and Trigonometry

CO.1	Understand real number system, lub&glb of set of real numbers, limit of a function, basic properties of limit
CO.2	Analyse continuous and discontinuous function, Apply concept of continuity in uniform continuity.
CO.3	Manage to solve problems related to successive differentiation, Leibnitz theorem, Taylor's & Maclaurin's theorem with various forms of remainders and to use these expansion to compute values of Sine, Cosine, tangent or log function.
CO.4	Understand the concept of De Moivre's theorem & its applications. Identify circular, hyperbolic function and their inverses.
CO.5	Demonstrate exponential and logarithmic function of complex numbers, and to solve Gregory's series and summation of series.

Paper - Stream 2 (Economics)

Course/Paper name- Microeconomics

CO.1	Explain how firms make production and pricing decisions.
CO.2	Understand the concept of profit maximization and cost minimization.
CO.3	Understand how resources are allocated in a market economy.
CO.4	Evaluate the efficiency and equity implications of resource allocation.
CO.5	Evaluate market trends, demand and supply factors, and competitive forces affecting businesses.

Course/Paper name-Computer Fundamental & PC Software

CO.1	Students will develop skills for productivity software and OS
CO.2	Know and use different number systems and the basics of programming
CO.3	Solve basic computational problems with C language
CO.4	To acquire basic programming skills
CO.5	Students will be able to discover their interest in programming

Course/Paper name- History of Ancient India From earliest times to 1200 AD

CO.1	Students will learn to discover methods for approaching the sources and the historical analysis of ancient India, the evolution of social and political institutions in the Vedic society, Religious dissent, and the rise of Jainism and Buddhism.
CO.2	They will come to know the rise and establishment of the first Indian empire, Mauryan empire and its great rulers like Chandragupta Maurya and Ashoka and their contributions to Mauryan Administration, Art, and Architecture.
CO.3	The Students will analyze the emergence of new religions Jainism and Buddhism and their contribution in Indian History.
CO.4	They will learn about the military strategies of war, art and culture of the Kushana and Gupta periods.
CO.5	The Students will analyze the emergence of the Vardhana, and Chola empires and their art, economy, and literature.

Paper - Stream 3 (Political Science)
Course/Paper name- Principles of Political Science

CO.1	This paper aims to provide students a sound understanding of political science including various approaches, ideologies perspectives and relationship with other Social sciences.
CO.2	Acknowledging the importance of the state in the contemporary political discourse the students will be able to comprehend the function of the state in society and how rules and regulates the power.
CO.3	They will understand what power is and how it functions in society and politics .
CO.4	Learners would able to describe and comprehend the various key concepts of related to the discipline and develop their own understanding of politics .
CO.5	They will come to know how Liberal and Marxist traditions look at and understand politics today.

Paper - Life Skills Education

CO.1	Understand the concept and need of life skills in life.
CO.2	Correlate life skills with Success in life
CO.3	Develop the skill of creative thinking, decision making and problem-solving ability
CO.4	Manage stress using various Stress coping strategies.

Semester- II

Paper - Environmental Education

CO.1	Reflect upon the concept and need of environmental education.
CO.2	Define major eco-systems and their conservation
CO.3	Understand the role of different agencies in the protection of environment.
CO.4	Develop desirable attitude, values and respect for protection of environment

Paper - Languages (English)

CO.1	To observe how stories convey ethical values and insights into human behavior.
CO.2	To encourage imaginative exploration through the study of essays.
CO.3	To understand the proper use and placement of modifiers, including adjectives and adverbs, to enhance clarity and precision in writing.
CO.4	To emphasize clarity, coherence, and conciseness in conveying letter messages.
CO.5	To learn and understand format of personal letters

Paper - Languages (Punjabi)

CO.1	ਪੰਜਾਬੀ ਪੁਸਤਕ **ਦੋ ਰੰਗ** ਵਿੱਚ ਮੌਜੂਦ ਕਹਾਣੀਆਂ ਅਤੇ ਕਵਿਤਾਵਾਂ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ, ਸਮਾਜ, ਨੈਤਿਕ ਕਦਰਾਂ-ਕੀਮਤਾਂ, ਪਰੰਪਰਾਵਾਂ ਅਤੇ ਤਜ਼ਰਬਿਆਂ ਨੂੰ ਪੇਸ਼ ਕਰਦੀਆਂ ਹਨ ਜੋ ਕਿ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਜੀਵਨ ਬਾਰੇ ਵਿਭਿੰਨ ਪੱਖਾਂ ਤੋਂ ਅਧਿਐਨ ਕਰਨ ਲਈ ਦ੍ਰਿਸ਼ਟੀਕੋਣ ਪ੍ਰਦਾਨ ਕਰਦੀਆਂ ਹਨ □
CO.2	ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ ਪੁਸਤਕ ਵਿੱਚ ਦਰਜ਼ ਵੱਖ-ਵੱਖ ਕਲਾ ਖੇਤਰਾਂ ਵਿੱਚ ਪ੍ਰਬੀਨ ਕਲਾਕਾਰ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਪ੍ਰੇਰਨਾ ਸਰੋਤ ਬਣ ਕੇ ਉਹਨਾਂ ਨੂੰ ਕਿੱਤਾਮੁੱਖੀ ਮਿਹਨਤ, ਲਗਨ, ਦ੍ਰਿੜਤਾ ਅਤੇ ਸਫ਼ਲਤਾ ਪ੍ਰਾਪਤੀ ਦੇ ਯੋਗ ਬਣਾਉਂਦੇ ਹਨ।
CO.3	ਵਿਦਿਆਰਥੀ ਵਿਆਕਰਣ ਦੇ ਵੱਖ ਵੱਖ ਭਾਸ਼ਾਈ ਹਿੱਸਿਆਂ ਨਾਂਵ, ਪੜਨਾਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਸੰਬੰਧਕ, ਯੋਜਕ ਦੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਕੇ ਵਿਆਕਰਣ ਪੱਖੋਂ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸ਼ੁੱਧ ਅਤੇ ਸਪੱਸ਼ਟ ਲਿਖਣ, ਬੋਲਣ ਦੇ ਯੋਗ ਬਣਦੇ ਹਨ।
CO.4	ਅਖਾਣ, ਮੁਹਾਵਰੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਸਮੇਂ ਅਤੇ ਸਥਿਤੀ ਅਨੁਸਾਰ ਢੁੱਕਵੀਂ, ਰਸਦਾਇਕ ਠੇਠ ਅਤੇ ਪ੍ਰਭਾਵਸ਼ਾਲੀ

	ਵਰਤੋਂ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਂਦੇ ਹਨ। ਪੰਜਾਬੀ ਭਗੋਲਿਕ ਵਰਤਾਰੇ ਤੇ ਵਿਰਸੇ ਨਾਲ ਜੁੜੇ ਰਹਿਣ ਲਈ ਪ੍ਰੇਰਨਾ ਸਰੋਤ ਬਣਦੇ ਹਨ।
CO.5	ਵਿਦਿਆਰਥੀ ਵਿਵਸਾਇਕ ਅਤੇ ਵਿਵਹਾਰਕ ਜੀਵਨ ਵਿੱਚ ਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਹੱਲ ਕਰਨ ਅਤੇ ਜ਼ਰੂਰਤਾਂ ਦੀ ਪੂਰਤੀ ਲਈ ਨਿੱਜੀ ਅਤੇ ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਜਾਂ ਅਰਜੀ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋ ਜਾਂਦੇ ਹਨ।

Course/Paper name- Basic Punjabi

CO.1	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਗੁਰਮੁੱਖੀ ਵਰਣਮਾਲਾ ਦੇ ਅੱਖਰਾਂ ਅਤੇ ਲਗਾਮਾਤਰਾਵਾਂ ਨੂੰ ਕ੍ਰਮ ਵਿੱਚ ਲਿਖਣ ਅਤੇ ਪਛਾਣ ਕਰਨ ਦੇ ਯੋਗ ਹੋਏ ।
CO.2	ਵਿਦਿਆਰਥੀ ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ ਅਤੇ ਮਾਤਰਾਵਾਂ ਨੂੰ ਵਿਅੰਜਨਾਂ ਅਤੇ ਸਵਰਾਂ ਦੇ ਅਧਾਰ ਤੇ ਪਛਾਨਣ ਦੇ ਯੋਗ ਹੋਏ ।
CO.3	ਪੈਰ ਵਿੱਚ ਬੰਦੀ ਵਾਲੇ ਵਰਣਾਂ ਅਤੇ ਪੈਰ ਵਿੱਚ ਪੈਣ ਵਾਲੇ ਵਰਣਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਹੋਈ ।
CO.4	ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ ਦੇ ਨਿਯਮਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਅਤੇ ਵਰਤੋਂ ਦੇ ਬਾਰੇ ਪਤਾ ਲੱਗਾ ।
CO.5	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਪੜਨ ਅਤੇ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਏ ।

Paper - Stream 1 (Elective English)

CO.1	Students will get an understanding of social realism as portrayed in "Untouchable," analyzing how the novel captures the harsh realities of caste-based discrimination in pre-independent India.
CO.2	It will enhance students' cultural sensitivity, providing insights into the challenges faced by marginalized communities, and fostering a nuanced understanding of the cultural context in the novel.
CO.3	They will gain an understanding of satirical comedy through the study of "The School for Scandal," exploring how Sheridan employs wit, humor, and irony to satirize societal norms and manners of the 18th century.
CO.4	It will enhance students' appreciation for language and style, as they explore Sheridan's use of clever dialogue, wordplay, and comedic devices to convey social commentary.
CO.5	It will stimulate discussions on the role of morality in comedic literature

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

CO.1	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1700 ਈ. ਤੱਕ) ਪੁਸਤਕ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਲੋਕ ਸਾਹਿਤ, ਨਾਥ ਜੋਗੀਆਂ ਦਾ ਸਾਹਿਤ, ਗੁਰਮਤਿ ਕਾਵਿ, ਸੂਫੀ ਕਾਵਿ, ਕਿੱਸਾ ਕਾਵਿ, ਬੀਰ ਕਾਵਿ ਅਤੇ ਵਾਰਤਕ ਦੇ ਇਤਿਹਾਸਕ ਅਤੇ ਸਭਿਆਚਾਰਕ ਪਿਛੋਕੜ ਦੇ ਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਜਾਣੂ ਹੋਏ ਅਤੇ ਦਲੀਲ ਭਰਪੂਰ, ਤੁਲਨਾਤਮਕ ਅਤੇ ਸਥਿਤੀਆਂ, ਘਟਨਾਵਾਂ ਦੇ ਹਵਾਲੇ ਨਾਲ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰਨ ਦੇ ਯੋਗ ਹੋਏ □
CO.2	ਕਵਿਤਾ ਅਤੇ ਨਿੱਕੀ ਕਹਾਣੀ ਸਾਹਿਤਕ ਵਿਧਾ ਦੀ ਸਿਰਜਨ ਕਲਾ ਨੂੰ ਪਛਾਨਣ ਦੇ ਯੋਗ ਹੋਏ ਅਤੇ ਇਹਨਾਂ ਵਿੱਚ ਪੇਸ਼ ਸਮਿਜਕ, ਆਰਥਿਕ ਅਤੇ ਮਾਨਸਿਕ ਵਿਭਿੰਨ ਪਰਤਾਂ ਅਤੇ ਦ੍ਰਿਸ਼ਟੀਕੋਣਾਂ ਬਾਰੇ ਸਮਝ ਪੈਦਾ ਹੋਈ ।
CO.3	ਰੋਜਾਨਾ ਜੀਵਨ ਵਿੱਚ ਦਰਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ ਦੇ ਹੱਲ ਲਈ ਦਫ਼ਤਰੀ ਅਤੇ ਨਿੱਜੀ ਚਿੱਠੀ ਪੱਤਰ ਅਤੇ ਅਰਜੀਆਂ ਨੂੰ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਅਤੇ ਹੁਨਰਮਈ ਢੰਗ ਨਾਲ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਏ।
CO.4	ਵਿਸ਼ਰਾਮ ਚਿੰਨਾਂ ਦੀ ਠੀਕ ਵਰਤੋਂ ਕਰ ਕੇ ਪੰਜਾਬੀ ਲਿਖਤਾਂ ਨੂੰ ਪ੍ਰਭਾਵ ਪੂਰਨ ਅਤੇ ਸਾਰਥਕ ਰੂਪ ਦੇਣ ਦੀ ਯੋਗਤਾ ਹਾਸਲ ਕੀਤੀ। ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਕੋਸ਼ਕਾਰੀ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਵਰਗੀਕਰਨ ਅਤੇ ਕੋਸ਼ਾਂ ਦੀ ਮਹੱਤਤਾ ਤੋਂ ਇਲਾਵਾਂ ਇਹਨਾਂ ਦੀ ਵਰਤੋਂ ਵਿਧੀ ਵਿੱਚ ਨਿਪੁੰਨਤਾ ਹਾਸਲ ਕੀਤੀ।
CO.5	ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝਣ ਦੇ ਨਾਲ-ਨਾਲ ਧੁਨੀ ਸੰਪਰਦਾਇ, ਰਸ ਸੰਪਰਦਾਇ, ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਵਿਤਾ ਵਿੱਚ ਇਹਨਾਂ ਦੀ ਵਰਤੋਂ ਨੂੰ ਸਮਝਣ ਦੇ ਯੋਗ ਹੋਏ।

Stream 2 (Mathematics)

Course/Paper name- Calculus and Differential Equations

CO.1	Demonstrate Asymptotes, points of inflexion, multiple points on a curve & also to differentiate between concavity and convexity & hence tracing of curve.
CO.2	Apply reduction formula on different functions & to develop the concept of variation of parameter.

CO.3	Understand the concept of linear differential equation with constant and variable coefficients & also the exact differential equations.
CO.4	Demonstrate the geometrical meaning of a differential equation & the orthogonal trajectories.
CO.5	Manage to solve the problem related to series solution of differential equations like Bessel and Legendre equation by Power series method.

Course/Paper name- Calculus

CO.1	Differentiate between limit and continuity of function of two variables and apply this concept in partial derivatives & differentiability of real valued function of two variables.
CO.2	Manage to solve problems related to Maxima, Minima & Saddle points of functions of two variables.
CO.3	Classify Envelopes &Evolutes, Application of inverse & implicit function theorems.
CO.4	Understand the concept of Double and Triple integrals, & application to evaluation of areas, volumes, surfaces of solid of revolution and to apply to find out area and volume of plane and solid figure.

Paper - Stream 2 (Economics)

Course/Paper name- Macroeconomics

CO.1	Develop a thorough understanding of econometric indicators such as GDP, inflation, unemployment rate.
CO.2	Learn the methods of measuring and calculating national income and output.
CO.3	Analyze the determinants of aggregate demand and supply.
CO.4	Familiarize with macroeconomic models such as the Keynesian model and the neoclassical model.
CO.5	Analyze the causes and consequences of inflation and deflation.
CO.6	Apply macroeconomic principles to analyze and evaluate economic policies.

Name of the class- B.A./ B.Ed. (Computer Science)

Course/Paper name- Programming using C

Paper - Stream 3 (History)

CO.1	Understanding a concept of object thinking within the framework of functional model.
CO.2	Understanding a defensive programming concept. Ability to handle possible errors during program execution.
CO.3	Ability to work with arrays of complex objects.
CO.4	Understanding a functional hierarchical code organization.
CO.5	Ability to define and manage data structures based on problem subject domain.

Course/Paper name- History of Medieval India

CO.1	The Students will gain knowledge of foreign incursions into India.
CO.2	The Students will gain knowledge of the establishment, growth, and unification of the Delhi Sultanate as well as its eventual fall.
CO.3	They will comprehend the origins, development, and growth of the Tughlaqs, the Khiljis, and the Vijaynagar Kingdom.
CO.4	They will assess the contribution of Mughal society, economy, religious policy, Rajput policy, and culture, as well as its impact on the Deccan and Mughal Empire literature, art, architecture, and culture.
CO.5	They will examine how the Marthas administration came to power.

Paper - Stream 3 (Political Science)

Course/Paper name- Modern Political Theory

CO.1	This course introduces the students the idea political theory, its history and various approaches.
CO.2	To introduce the idea of political theory and various approaches.
CO.3	To enable the students to assess the contemporary trends of political theory.
CO.4	It helps the students familiarize with the basic normative concepts of political theory. Each concept is related to a crucial political issue that requires analysis with the aid of our conceptual understanding.
CO.5	Understand the significance of debates in political theory in exploring multiple perspectives to concepts, ideas and issues.

Paper - Understanding the Self

CO.1	Discover and develop open-mindedness, the attitude of a self motivated learner, having self-knowledge and

	self-restraint.
CO.2	Develop the capacity for sensitivity, sound communication skills and ways to establish peace and harmony.
CO.3	Develop the capacity to facilitate personal growth and social skills in their own students
CO.4	encourage students to develop the capacity for perspective taking and appreciating different points of view

Paper - Drug Abuse: Problem, Management and Prevention

CO.1	Develop a comprehensive understanding of the various substances commonly abused and their effects on individuals and society
CO.2	Identify the factors that contribute
CO.3	Knowledge of prevention strategies
CO.4	Develop counseling skills to provide support and guidance to individual

Semester- III

Paper - Understanding Education and its Perspectives

CO.1	Develop an insight into the fundamentals of Education
CO.2	Understand the interdisciplinary nature of Education
CO.3	Reflect upon the educational thoughts of Indian and Western thinkers
CO.4	Understand the role of different agencies in promoting socialization
CO.5	Critically examine the issues and concerns of education in the socio-cultural contexts of India.

Paper - Gender, School and Society

CO.1	Develop an insight into the different gender issues and concerns in the society
CO.2	Understand various Constitutional provisions related to gender
CO.3	Identify various efforts taken by different agencies to tackle gender issues in India
CO.4	Perform his/her role for minimizing gender inequalities in the society

Paper - Languages (English)

CO.1	To develop skills in critically analyzing the content of "Making Connections" discussing the author's arguments, evidence, and the overall message of the book.
CO.2	To enhance communication skills through discussions and assignments related to the themes of the book.
CO.3	To develop skills in analyzing poetry, focusing on themes, imagery, and literary devices present in "Moments in Time."
CO.4	To explore the thematic richness of the poems and encouraging creative expression.
CO.5	To inculcate skills in interpreting poems and engaging in thoughtful discussions.

Paper - Languages (Punjabi)

CO.1	ਇਹਪਾਠਕ੍ਰਮਵਿਦਿਆਰਥੀਆਂਦੇਸਰਬਪੱਖੀਵਿਕਾਸਅਤੇਉਨ੍ਹਾਂਨੂੰਬਿਹਤਰਮਨੁੱਖਬਣਾਉਣਵਿੱਚਮਦਦਕਰਦਾਹੈ।ਸਮਾਜਿਕਵਰਤਾਰਿਆਂਨੂੰਵੱਖ-ਵੱਖਦ੍ਰਿਸ਼ਟੀਕੋਣਤੋਂਸਮਝਣਦੀਭਾਵਨਾਪੈਦਾਕਰਦਾਹੈ।
CO.2	ਸਹਿਤਕ, ਸਮਾਜਕਅਤੇਸੱਭਿਆਚਾਰਕਵਿਸ਼ਿਆਂਨਾਲਸੰਬੰਧਤਨਿਬੰਧਾਂਦੀਜਾਣਕਾਰੀਹਾਸਲਕਰਕੇਵਿਦਿਆਰਥੀਨੈਤਿਕਮੁੱਲਾਂਦੀਸਮਝਪ੍ਰਾਪਤਕਰਦੇਹਨ।
CO.3	ਸਾਹਿਤਦੇਅਧਿਐਨਰਾਹੀਂਵਿਦਿਆਰਥੀਲੋਕਮਨਾਂਨੂੰਪੜ੍ਹਨਦਾਹੁਨਰਪ੍ਰਾਪਤਕਰਦੇਹਨ।
CO.4	ਵਿਦਿਆਰਥੀਵਿਆਕਰਨਿਕਨਿਯਮਾਂਨੂੰਸਮਝਦੇਹੋਏ, ਭਾਸ਼ਾਦੇਲਿਖਣਪ੍ਰਬੰਧਤੋਂਜਾਣੂਹੁੰਦੇਹਨਅਤੇਸ਼ੁੱਧਉਚਾਰਨਲਹਿਜ਼ੇਦਾਗਿਆਨਹਾਸਲਕਰਦੇਹਨ।
CO.5	ਇਕਾਂਗੀਸਾਹਿਤਵਿਚਪੇਸ਼ਸਮਾਜਿਕਸਮੱਸਿਆਵਾਂਰਾਹੀਂਵਿਦਿਆਰਥੀਜ਼ਿੰਦਗੀਨੂੰਆਲੋਚਨਾਤਮਕਨਜ਼ਰੀਏਤੋਂਜਾਣਦੇਹਨ।

Paper - Stream 1 (Elective English)

CO.1	Students learn to develop the ability to analyze and interpret poetic language, form, and structure using literary devices, imagery, and symbolism to convey meaning.
CO.2	Poetry exposes students to a variety of voices, perspectives, and literary traditions, fostering an appreciation for the diversity of human expression.

CO.3	Recognizing and understanding the allegorical nature of the novel "Animal Farm" and its parallels to historical events, particularly the Russian Revolution and the early years of Soviet Russia.
CO.4	Students explore how Orwell uses animals and the farm setting to convey political and social commentary.
CO.5	Analyzing the characters in "Animal Farm" to understand their roles, motivations, and symbolic significance.

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

CO.1	ਵਿਦਿਆਰਥੀਆਂਨੂੰਪੰਜਾਬੀਸਾਹਿਤਦੇਵੱਖ - ਦੌਰਾਂਦੇਇਤਿਹਾਸਦਾਗਿਆਨਪ੍ਰਦਾਨਕਰਨਾ।ਸਾਹਿਤਦੇਅਧਿਐਨਦੁਆਰਾਵਿਦਿਆਰਥੀਸਮਾਜਿਕ, ਆਰਥਿਕਅਤੇਰਾਜਨਿਤਕਸਮੱਸਿਆਵਾਂਦਾਹੱਲਕੱਢਦੇਹਨ।
CO.2	ਵਿਦਿਆਰਥੀਸਾਹਿਤਦੇਰੂਪਕਹਾਣੀਰਾਹੀਂਸਮਾਜਿਕਦਰਪੇਸ਼ਮੁਸਕਿਲਾਂਨੂੰਸਮਝਦੇਅਤੇਮੁਲਾਂਕਣਕਰਦੇਹਨ।
CO.3	ਸਾਹਿਤਦੇਰੂਪਾਂਦੀਜਾਣਕਾਰੀਹਾਸਲਕਰਕੇਵਿਦਿਆਰਥੀਨੈਤਿਕਕਦਰਾਂਕੀਮਤਾਂਦੇਧਾਰਨੀਬਣਦੇਹਨ।
CO.4	ਪੰਜਾਬੀਭਾਸ਼ਾਦਾਗਿਆਨਪ੍ਰਾਪਤਕਰਕੇਵਿਦਿਆਰਥੀਮੰਚਸੰਚਾਲਨਦਾਹੁਨਰਪ੍ਰਾਪਤਕਰਦੇਹਨ।
CO.5	ਵਿਦਿਆਰਥੀਨਿੱਕੀਕਹਾਣੀਅਤੇਕਵਿਤਾਵਾਂਦੀਰਚਨਾਕਰਨਵੱਲਪ੍ਰੇਰਿਤਹੁੰਦੇਹਨ।

Course/Paper name:- Basic Punjabi

CO.1	ਵਿਦਿਆਰਥੀਪੰਜਾਬੀਭਾਸ਼ਾਬਾਰੇਮੁੱਢਲੀਜਾਣਕਾਰੀਪ੍ਰਾਪਤਕਰਦੇਹਨ।
CO.2	ਵਿਦਿਆਰਥੀਪੰਜਾਬੀਭਾਸ਼ਾਦੀਆਂਲੋਕਸਿਆਣਪਾਂਨੂੰਸਮਝਦੇਹਨ।
CO.3	ਪੰਜਾਬੀਭਾਸ਼ਾਦੇਵਿਆਕਰਨਿਕਨਿਯਮਾਂਨੂੰਲਿਖਤਪੱਧਰਤੇਵਿਦਿਆਰਥੀਲਾਗੂਕਰਦੇਹਨ।
CO.4	ਚਿੱਠੀਪੱਤਰਦੇਨਿਯਮਾਂਦਾਵਿਦਿਆਰਥੀਗਿਆਨਹਾਸਲਕਰਦੇਹਨ।
CO.5	ਪੈਰ੍ਹਾਰਚਨਾਰਾਹੀਂਵਿਦਿਆਰਥੀਸਮਾਜਿਕ, ਆਰਥਿਕਗਤੀਵਿਧੀਆਂਦਾਮੁਲਾਂਕਣਕਰਦੇਹਨ।

Paper - Stream 2 (Mathematics)

Course/Paper name- Analysis

CO.1	Demonstrate an understanding of limits and how they are used in sequences and series.
CO.2	Distinguish between the absolute convergence and conditional convergence.
CO.3	To know and describe the converging behavior of improper integrals and Beta , Gamma functions.
CO.4	To find the relation between Beta and Gamma functions.
CO.5	To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.

Course/Paper name- Analytical Geometry

CO.1	Understand the concept of the geometry of lines and conics in the Euclidian plane.
CO.2	Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation.
CO.3	Sketch conic sections; identify conic sections, their focal properties and classifications.
CO.4	Understand the concept of coordinate and solid geometry on a wider scale with the help of shifting of origin and rotation of axis.
CO.5	To understand the concepts of plane.

Paper - Stream 2 (Economics)

Course/Paper name- Indian Economy

CO.1	An overall understanding about various sectors of the Indian economy.
CO.2	Analyzing the sector specific policies
CO.3	Critical evaluation of various economic policies adopted post-independence
CO.4	Gain a thorough understanding of Indian tax structure
CO.5	Critical evaluation of the five-year plans of India

(Computer Science)

Course/Paper name-Computer Oriented Numerical & Statistical Methods

Paper - Stream 3 (History)

CO.1	Demonstrate the concepts of numerical methods used for different applications
CO.2	Gain experience in the implementation of numerical methods using a computer.
CO.3	Trace error in these methods and need to analyze and predict it.
CO.4	Learning of application of Statistical methods.
CO.5	Provide knowledge of various significant and fundamental concepts

Course/Paper name- History of India AD 1707-1947

CO.1	The students will discover the advent of Europeans and their administration and how the British Company became the ultimate power in India.
CO.2	The students will comprehend how and why Indian history's first liberation fight begins.
CO.3	They will discover how significant a role socio-religious movements have in Indian history.
CO.4	They will be able to learn about the founding of the Indian National Congress, notable figures from its early years, and how many movements have contributed to our freedom.
CO.5	They will acquire knowledge about the Indian partition and its aftermath, as well as highlight the contribution of Mahatma Gandhi towards freedom movement

Paper - Stream 3 (Political Science)

Course/Paper name- Indian Constitution

CO.1	This course enable students to develop an understanding of the tents of Indian constitutionalism by engaging with constituent Assembly debates
CO.2	It enables them to understand the working of different organs of government and analyse the interaction amongst them which often involves both conflict and cooperation.
CO.3	Moreover, it enables the students to understand the division of powers in Indian federal set-up and its asymmetrical federal arrangement.
CO.4	The students are also familiarized with the working of state government.
CO.5	The Student will understand the division of power between various organs of the government at different levels .

SEMESTER–IV

Paper - Language Proficiency and Communication Skills

CO.1	Understand the concept and process of communication.
CO.2	Enhance his/her skills of listening, speaking, reading and writing
CO.3	Develop the required communication skills necessary for classroom interaction
CO.4	Develop a thorough understanding of linguistics and paralinguistic skills

Course/Paper name- General English

CO.1	To encourage reflective thinking and influencing students' perspectives based on readings.
CO.2	To help students connect the concepts from the book to broader academic discourse.
CO.3	To understand cultural aspects expounded by different poets from varied perspectives.
CO.4	To foster an appreciation for language and the art of poetry.
CO.5	To understand how proper grammar contributes to clarity, coherence and overall quality in written communication.

Paper - Languages (Punjabi)

CO.1	ਇਹਪਾਠਕ੍ਰਮਵਿਦਿਆਰਥੀਆਂਦਾਸਰਵਪੱਖੀਵਿਕਾਸਕਰਕੇਉਨ੍ਹਾਂਨੂੰਸਮਾਜਵਿਚਬਿਹਤਰਮਨੁੱਖਦੇਤੌਰਤੇਵਿਚਰਨਦੇਸਮਰੱਥਬਣਾਉਂਦਾਹੈ।
CO.2	ਵਿਦਿਆਰਥੀਜੀਵਨੀਸਾਹਿਤਦਿਕਲੀਕਦਰਾਂਕੀਮਤਾਂਨੂੰਪਛਾਣਦੇਹੋਏਆਪਣੇਜੀਵਨਵਿਚਲਾਗੂਕਰਦੇਹਨ।
CO.3	ਫ਼ਾਸਲੇਨਾਟਕਦੇਅਧਾਰਤੇਵਿਦਿਆਰਥੀਗਰੀਬੀਅਤੇਜਾਤਪਾਤਆਧਾਰਿਤਵਿਤਕਰੇਦਾਮੁਲਾਂਕਣਕਰਦੇਹਨ।
CO.4	ਵਿਦਿਆਰਥੀਪੰਜਾਬੀਭਾਸ਼ਾਦਾਸ਼ੁੱਧਰਿਆਨਹਾਸਲਕਰਕੇਸ਼ੁੱਧਪੰਜਾਬੀਉਚਾਰਦੇਹਨ।
CO.5	ਪੰਜਾਬੀਭਾਸ਼ਾਅਤੇਗੁਰਮੁਖੀਲਿਪੀਦਾਮੁੱਢਲਾਰਿਆਨਹਾਸਲਕਰਦੇਹਨ।

Paper - Stream 1 (Elective English)

CO.1	To develop the ability to critically read and analyze the essays of'Modern Prose', understanding the structure, themes, and narrative techniques employed.
CO.2	To understand how authors experiment with language and form to convey their messages.
CO.3	Exploring the unique styles and thematic concerns of various authors in the collection of stories 'Dispelling Silence'.
CO.4	To encourage critical thinking by prompting students to question, interpret, and evaluate the content of the short storiesdiscussing ambiguity, narrative choices, and the open-ended nature of certain stories.
CO.5	To develop writing skills through assignments that may include critical analyses, creative responses, or reflections inspired by the short stories.

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

CO.1	ਵਿਦਿਆਰਥੀਪੰਜਾਬੀਦੇਅਮੀਰਸਭਿਆਚਾਰਦੀਜਾਣਕਾਰੀਹਾਸਲਕਰਦੇਹੋਏਪੰਜਾਬੀਸਭਿਆਚਾਰਨਾਲਜੁੜਦੇਹਨ।
CO.2	ਮੱਧਕਾਲੀਸਾਹਿਤਬਾਰੇਮੁੱਲਵਾਨਜਾਣਕਾਰੀਪ੍ਰਾਪਤਕਰਦੇਹੋਏ ਵਿਦਿਆਰਥੀਅਧਿਆਤਮਕਗਿਆਨਪ੍ਰਾਪਤਕਰਦੇਹੋਏਭਾਰਤੀਸੰਸਕ੍ਰਿਤੀਨੂੰਜਾਣਦੇਹੋਏਨੈਤਿਕਕਦਰਾਂਕੀਮਤਾਂਨੂੰਜੀਵਨਵਿਚਢਾਲਣਪ੍ਰਤੀਅਗਰ ਸਰਹੁੰਦੇਹਨ।
CO.3	ਵਿਦਿਆਰਥੀਸਾਹਿਤਵਿਚਸ਼ਾਮਿਲਕਦਰਾਂਕੀਮਤਾਂਨੂੰਸਮਾਜਿਕਸੰਦਰਭਵਿਚਪਛਾਣਦੇਹਨ।
CO.4	ਪੰਜਾਬੀਸਾਹਿਤਦਾਸਿਲੇਬਸ **UPSE,IAS,IPS** ਅਤੇਹੋਰਮੁਕਾਬਲੇਦੀਆਂਪ੍ਰੀਖਿਆਵਾਂਨੂੰਪਾਸਕਰਨਵਿਚਸਹਾਈਹੁੰਦਾਹੈ।
CO.5	ਰੀਸ੍ਰਚਏਸ਼ਨਵਿਚਚੋਣਵੀਂਪੰਜਾਬੀਪੜ੍ਹਨਤੋਂਬਾਅਦਵਿਦਿਆਰਥੀਐ.ਏ. ਪੰਜਾਬੀਕਰਕੇਵਿਦੇਸ਼ੀਭਾਸ਼ਾਦਾਅਨੁਵਾਦ,ਟਾਈਪਰਾਈਟਰਅਤੇਪਰੂਫ਼ਰੀਡਰਬਣਸਕਦੇਹਨ।

Course/Paper name:- Basic Punjabi

CO.1	ਵਿਦਿਆਰਥੀਭਾਸ਼ਾਦੇਸ਼ੁੱਧਉਚਾਰਨਨੂੰਸਮਝਦੇਹਨਅਤੇਬੋਲਚਾਲਦੌਰਾਨਲਾਗੂਕਰਦੇਹਨ।
CO.2	ਵਿਦਿਆਰਥੀਕਾਵਿਸਹਿਤਦੇਜ਼ਰੀਏਕਦਰਾਂਕੀਮਤਾਂਨੂੰਸਿੱਖਦੇਹਨ।
CO.3	ਲੇਖਰਚਨਾਰਾਹੀਂਵਿਦਿਆਰਥੀਆਲੇਦੁਆਲੇਦੀਆਂਘਟਨਾਵਾਂਪ੍ਰਤੀਜਾਣੂਹੁੰਦੇਹਨ।
CO.4	ਪੰਜਾਬੀਭਾਸ਼ਾਦੇਨਿਯਮਾਂਦਾਵਿਦਿਆਰਥੀਅਧਿਐਨਕਰਦੇਹਨ।
CO.5	ਵਿਦਿਆਰਥੀਪੰਜਾਬੀਭਾਸ਼ਾਦੇਸ਼ੁੱਧਰੂਪਨੂੰਲਿਖਣਵਿਚਸਮਰੱਥਹੁੰਦੇਹਨ।

Paper - Stream 2 (Mathematics)

Course/Paper name- Statics and Vector Calculus

CO.1	To apply parallelogram law of forces, triangle law of forces, Lami's theorem to real life problems
CO.2	To understand that how one can resolve number of coplanar forces, parallel forces and concurrent forces acting at a body.
CO.3	To find the moments of number of coplanar forces acting at a particle.
CO.4	To find the resultant of a force and couple acting on a body.
CO.5	To find the applications of CG of a rod, triangular lamina, solid hemisphere, hollow hemisphere, solid cone and hollow cone.
CO.6	To find the values of gradient, divergence and curl operator of given vectors.
CO.7	To find the application of Gauss theorem, Green's theorem and Stokes's theorem in real life problems.

Course/Paper name- Solid Geometry

CO.1	Demonstrate the concept of cone, classification of cone, intersection of line and cone, reciprocal cone.
CO.2	Understand the concept of cylinder, enveloping cylinder and its limiting form.
CO.3	Describe the concept of conicoids or quadratic surface, its classification, trace different types of conicoids.
CO.4	Manage to find surface of revolution and concept of tangent and normal to the conicoids.
CO.5	Identify the conicoids and representing it in the form of hyperboloid, ellipsoid, paraboloid.

Paper - Stream 2 (Economics)

Course/Paper name- International Economics and Public Finance

CO.1	Demonstrate familiarity with the terminology adopted in international economics.
CO.2	Analyze and explain the implications of data (pattern of trade, terms of trade, gains from trade)
CO.3	Reflect on trade policy instruments and analyses their effects on nations' welfare
CO.4	Assess the tax policy and its redistributive impacts on different actors of the society.
CO.5	Critically comment on and participate in current debates on international economic policy

Course/Paper name- Data Structure & Programming Language using C++

Paper - Stream 3 (History)

CO.1	Understand the object-oriented programming concepts like Inheritance, abstraction, polymorphism etc.
CO.2	Develop algorithms and analyze them step by step to solve real-world problems
CO.3	Perform search and sort operations to filter data by utilizing different searching and sorting techniques
CO.4	Understand tokens, expressions and control structure
CO.5	Demonstrate how to control errors with exception handling.

Course/Paper name-History of the Punjab(AD1469-1799)

CO.1	The students will understand Punjab's history via a variety of sources.
CO.2	The Students may explore the development of Sikh philosophy, the formation of Sikh institutions, and the impact of Guru Nanak's teachings on society.
CO.3	They will identify and analyze the significance of historical changes that have occurred within a society and religion that Guru Nanak Dev Ji's successors have established.
CO.4	They can gain insights into the contributions of the Khalsa in promoting equality, justice, and community service.
CO.5	They can construct arguments based on a historiographical investigation of the difficulties the Sikh community faces and the militarization of Sikh history through military wars led by different leaders.

Paper - Stream 3 (Political Science)

CO.1	The students shall gain insights, into the interconnections between social and economic relations and the political process in India.
CO.2	Understand the challenges arising due to caste , class ,gender and religious diversities and also analyze the changing nature of the Indian state in the light of these diversities .
CO.3	Make sense of the specificities of the political process in India in the light of changes of the state practices, electoral system , representational form and electoral behavior .
CO.4	This course will enhance students understanding of India's strategies in South Asia .
CO.5	This course equips students with the tools of studying the political process in India by looking at the relationship between the components of the political system , the social and economic contexts in which they unfold ,and the democratic values that they seek to achieve .

Paper - Drama and Art in Education

CO.1	Develop imagination and sense of appreciation of art and interest in art
CO.2	Develop aesthetic sense
CO.3	Use drama processes to examine their present and to generate new knowledge, understanding and perceptions of the world and themselves in it
CO.4	Have basic knowledge about color scheme

Paper - Environmental Studies

CO.1	Understand Environmental concepts including ecosystem, biodiversity, pollution and sustainability
CO.2	Awareness of Global environmental issues such as climate change, deforestation
CO.3	Cultivate a sense of environmental ethics, encouraging responsible and sustainable behavior towards environment
CO.4	Knowledge of various conservation techniques and strategies to protect natural resources

SEMESTER–V

Paper - Understanding the Learner and learning Environment

CO.1	Understand the growth and development of the learner and its importance in the learning process
CO.2	Understand characteristics of adolescents with reference to socio-cultural factors
CO.3	Understand the role of teacher in holistic development of learner and learning
CO.4	Understand the importance of individual differences in normal classroom.
CO.5	Understand the psychology of learners with special needs and teach them accordingly

Paper- Educational Technology and ICT for Teaching and Learning

CO.1	Understand the concept and scope of Educational Technology
CO.2	Explore the modern innovations in teaching and learning process
CO.3	Analyze the anatomy of teaching and learning
CO.4	Become an ICT skilled teacher
CO.5	Reflect upon the evolution of Education Technology

Paper- Inclusive Education

CO.1	Understand the concept and nature of inclusive education
CO.2	Develop awareness towards diverse needs of special students
CO.3	Reflect upon various policies and programmes associated with Inclusive education in Indian Context.
CO.4	Develop an attitude to foster inclusive education

Paper - Languages (English)
Course/Paper name- General English

CO.1	To develop an understanding of the central themes of "All My Sons," like the consequences of moral choices and the impact of war on individuals and families.
CO.2	To understand the social and historical context of the playand the economic and emotional challenges post World War II.
CO.3	To impart the ability to critically analyze poetic works, considering elements such as language, imagery, symbolism, and themes.
CO.4	To analyze common themes across the poems, such as nature, beauty, mortality, love, and the human condition.
CO.5	To develop the ability to adopt an appropriate tone and style for different types of letters emphasizing clarity, coherence, and conciseness

Paper - Languages (Punjabi)

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Paper - Stream 1 (Elective English)

CO.1	To explore and understand the racial and social dynamics depicted in the play ‘A Raisin in the Sun’, including the challenges faced by African American families in the mid-20th century.

CO.2	To discuss the play's exploration of social injustice and systemic racism and the response of characters navigating these challenges.
CO.3	To explore the use of satire and comedy in 'Arms and the Man' depicting romantic notions of war and heroism.
CO.4	To study Shaw's use of language and dialogue, including wit and humor to convey complex ideas and engage the audience.
CO.5	To develop an understanding of the historical contexts that influenced the development of English literature studying major literary periods, movements, and cultural shifts.

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

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Course/Paper name:-Basic Punjabi

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Paper - Stream 2 (Mathematics)
Course/Paper name- Dynamics

CO.1	Explain the relationship between forces and motion.Understand Newton's Laws of Motion and Apply the laws to solve many problems.
CO.2	Discuss the motion of particles connected by a string, motion along a smooth inclined plane.

CO.3	Solve different types of problems with Variable Acceleration.
CO.4	Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO.5	Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO.6	Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO.7	Define Energy and Identify the different types that exist

Course/Paper name- Number Theory

CO.1	Prove results involving divisibility and greatest common divisors.
CO.2	Solve system of linear congruences and find solutions of specified linear Diophantine equation.
CO.3	Apply Fermat's ,Euler's and Wilson's theorem to prove relation involving prime numbers.
CO.4	Understand and apply properties of phi functions in real world problems.
CO.5	Understand application of important arithmetic functions

Paper - Stream 2 (Economics)

Course/Paper name-Development Economics

CO.1	Understanding of development theories
CO.2	Acquire the ability to interpret economic indicators
CO.3	Develop the ability to apply fundamental economic concepts
CO.4	Understand the role of government intervention and its implications
CO.5	Gain skills in critically analyzing development policies, programs, and projects
CO.6	Understand the environmental and social dimensions of economic development
CO.7	Gain awareness of the role of technology and innovation in driving economic development
CO.8	Understand the significance of human capital development in the context of economic development

Course/Paper name- Database Management System & Oracle

Paper - Stream 3 (History)

CO.1	Understand the basic Concepts and applications of database System
CO.2	Understand the relational database design principles
CO.3	Familiar with the basic issues of transaction processing and concurrency control
CO.4	Familiar with database storage structures and access techniques
CO.5	Demonstrate their understanding of key notions of query evaluation and optimization techniques.

Course/Paper name-History of the World (C1500-1956AD)

CO.1	They will discover how the European Renaissance emerged following the collapse of feudal society and how European society transitioned from feudalism to capitalism.
CO.2	They can visualize the importance of French Revolution.
CO.3	They can analyze the efforts of various leaders in the the unification of Germany and Italy.
CO.4	They can understand the significance of the world that existed between the two World Wars.
CO.5	They can figure out how the United States and the Soviet Union participated in the Cold War.

Paper - Stream 3 (Political Science)

Course/Paper name- Comparative Politics

CO.1	The objective of this course is to familiarize students with the main elements of the constitutions of U.S ,and U.K so that they may critically evaluate the functioning of government institutions within the context of constitutionality .
CO.2	The study of federal structure of the US government and the UK shall give them an understanding of how different governments are organized.
CO.3	They will be able to analyze, synthesize and evaluate various good and bad practices associated with them.
CO.4	After studying the constitution of US and UK comprehensively, they will be able to answer question pertaining to the function and role of the President, Prime minister , Parliament , and the courts in the constitutional design of US and UK.
CO.5	The students will understand the importance of comparative method in making the discipline more positivist and scientific.

Paper - Developing ICT Competencies

CO.1	Check whether their teaching practices are in line with national policies.
CO.2	Make pedagogical use of ICT in accordance with curricular standards.
CO.3	Choose the appropriate ICT for each of the teaching and learning methodologies.
CO.4	Define the functions of the technological tools to be used.
CO.5	Address inclusive learning through ICT

SEMESTER–VI

Paper - School Management

CO.1	Understand the concept of School Organization and Management
CO.2	Understand TQM and its application in day to day working of schools
CO.3	Able to Perform different functions of Schools
CO.4	Able to Perform as a teacher in an efficient and coordinated manner in a School

Paper- Guidance and Counselling

CO.1	Understand the concept and need of guidance and Counselling.
CO.2	Know the various agencies of guidance at District, State and National level.
CO.3	Analyze the relationship between guidance and counselling.
CO.4	Become acquainted with the skills and qualities of an effective counsellor

Course/Paper name- General English

CO.1	To have an understanding of the basic elements of drama, including plot, character, setting, dialogue, and conflict as depicted in the plays.
CO.2	To study the dramatic techniques employed by each playwright, including dialogue, symbolism, and stage directions.
CO.3	To study the narrative techniques employed by R.K. Narayan in 'The Guide', including point of view, structure, and storytelling methods.
CO.4	To examine cultural elements woven into the narrative and contribute to the overall richness of the storytelling.
CO.5	To grasp an understanding of different essay structures, including the introduction, thesis statement, body paragraphs, and conclusion.

Paper - Languages (Punjabi)

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Paper - Stream 1 (Elective English)

CO.1	To develop an understanding of the historical context of the Partition of India exploring the political, social,

	and cultural factors that led to this significant event.
CO.2	To analyze the impact of the Partition on individuals and communities discussing the trauma, displacement, and social upheavals depicted in the novel.
CO.3	To explore the religious themes, present in the novel, 'The Power and Glory', particularly the portrayal of Catholicism in a Mexican context.
CO.4	To discuss the moral ambiguity present, exploring the blurred lines between right and wrong, sin and redemption.
CO.5	To gain familiarity with different literary periods such as the Medieval, Renaissance, Romantic, Victorian, Modernist, and Postmodernist eras, and understand their key characteristics.

Paper - Stream 1 (Elective Hindi)

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Paper - Stream 1 (Elective Punjabi)

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Course/Paper name:-Basic Punjabi

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Paper- Stream 2 (Mathematics)
Course/Paper name- Linear Algebra

CO.1	Express the algebraic concepts such as binary operation, groups, rings and fields.
CO.2	Define a vector space and subspace of a vector space.
CO.3	Check the linear dependence and linear independence of vectors.
CO.4	Describe the concepts of basis and dimension of vector spaces.

CO.5	Investigate properties of vector spaces and subspaces using linear transformation.
CO.6	Perform algebra operations between linear transformations.
CO.7	Find the matrix representing a linear transformation.

Course/Paper name- Numerical Analysis

CO.1	Perform computation for solving a system of equations.
CO.2	Know how to find the roots of transcendental equations.
CO.3	Learn how to interpolate the given set of values.
CO.4	Understand the curve fitting for various polynomials.
CO.5	Learn numerical solution of differential equations.
CO.6	Compute numerical integration and differentiation, numerical solution of ordinary differential equations.

Paper - Stream 2 (Economics)

Course/Paper name- Quantitative Methods

CO.1	Knowledge of fundamental statistical concepts
CO.2	Ability to interpret statistics to draw meaningful conclusions
CO.3	Application of statistical tests to make predictions and inferences about populations based on sample data
CO.4	Apply quantitative methods to solve practical problems in various fields
CO.5	Effectively communicate statistical findings and interpretations

(Computer Science)

Course/Paper name- Basics of IT

Paper - Stream 3 (History)

CO.1	Develop scripts for information technology applications.
CO.2	Analyze a problem and identify and define the computing requirements for the appropriate solutions
CO.3	To understand the computational problems, identify and abstract the programming task involved.
CO.4	Provide knowledge of different units of computer like processing unit, IO unit, and storage unit.
CO.5	Understand and apply the basic vocabulary and principles of computer software, hardware and networks.

Course/Paper name-History of the Punjab (1799-1966)

CO.1	Students get knowledge of the historical process of the rise, consolidation, and expansion of Lahore Darbar under Maharaja Ranjit Singh. They can assess the political condition of Punjab on the eve of Ranjit Singh's accession to power, his conquests, the relation between Ranjit Singh and British, the administration of Ranjit Singh,
CO.2	They can understand how the Britishers annexed Punjab after the Anglo-Sikh Wars.
CO.3	They can analyze the role of Board of Administration.
CO.4	They will discover how significant a role socio-religious movements have in Sikh history.
CO.5	It also aims to show how the people of Punjab contributed to the freedom struggle.

Paper - Stream 3 (Political Science)

Course/Paper name- International Politics

CO.1	The chief objective of this paper is to introduce the student to both the mainstream International relations theories such as Realist and Idealist.
CO.2	By understanding the dynamics of cold war politics and the origin of Non- Aligned Movement, they will be able to have a better understanding of the International politics today.
CO.3	The understanding of Indian Foreign Policy and various determinants and shifts of it will help in developing the critical faculty of their mind to enable them to think and reflect on the political issues and phenomenon objectively.
CO.4	Bring research skills to bear on a specific issue related to international affairs, producing a research, opinion paper ,personal reflection or analytical essay.
CO.5	They will understand the function of UNO and, SAARC, their role in world politics.

Paper - Pedagogy of Punjabi

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Paper - Pedagogy of English

CO.1	To develop understanding of the significance of English as a subject in the present context.
CO.2	To develop the understanding of the significance of basic competencies in language acquisition
CO.3	To enable student teachers to understand the nature, characteristics of Language and mother tongue as well as the use of language.
CO.4	To enable student teachers to teach basic language skills such as listening, speaking, reading, and writing and integrate them for communicative purposes

Paper - Pedagogy of Hindi

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Paper - Pedagogy of Social Science

CO.1	Understand the nature of social sciences
CO.2	Correlate Social science with other school subjects
CO.3	Differentiate social science with other school subjects
CO.4	Know utilization of different current affairs in teaching of social sciences.

Paper - Pedagogy of Economics

CO.1	understanding of growing concept, principles and theories of economics
CO.2	enable the pupil-teachers to develop an understanding of aims and objectives of teaching of economics
CO.3	provide knowledge of different methods of teaching
CO.4	provide knowledge of different methods of teaching

Paper - Pedagogy of Mathematics

CO.1	Understand the nature of mathematics
CO.2	Understand the aims and objectives of teaching of mathematics
CO.3	Understand the value of mathematics' and relationship of mathematics with other school subjects
CO.4	Understand learning theories and their applications in mathematics education

Paper - Pedagogy of Computer Science

CO.1	Understand the concept of Computer Science
CO.2	Understand the values of learning computer
CO.3	Acquire knowledge on latest trends in Information Technology
CO.4	Differentiate different types of computer devices

Paper - Field Engagement with School

CO.1	To get an opportunity to observe the teaching of experienced teachers.
CO.2	To know the types of records are maintained in the school
CO.3	observe practices of inclusive education
CO.4	Observing the schedule of the school and analyzing the schedule of the session of the school.
CO.5	Interaction with the student of the class and analyzing the problems of the students.

SEMESTER–VII

Paper - Understanding the Learning Process

CO.1	Understand the concept of learning
CO.2	Understand various Learning styles and apply it for Classroom learning
CO.3	Use various techniques of learning and creativity
CO.4	Understand various Cognitive and affective mental processes and learning
CO.5	Understand the role of a teacher in holistic perspective of learner and learning

Paper- Foundations of Curriculum Development

CO.1	Understand the concept of curriculum and development
CO.2	Develop a broad perspective on curriculum development
CO.3	Understand various models and steps in curriculum development
CO.4	Understand the different models and patterns of curriculum design
CO.5	Understand various trends in Curriculum Organization and Development

Paper - Assessment for Learning

CO.1	Understand the concept of assessment and its role in teaching-learning process
CO.2	Develop the skill of assessing various Cognitive, Affective and Conative domains of Learning.
CO.3	Develop the tool for assessment.
CO.4	Understand the different dimensions related to assessment procedures, tools and techniques
CO.5	Examine the issues and concerns of assessment and evaluation practices in schools

Paper - Policy Framework and Contemporary Issues in Indian Education

CO.1	Understand the commissions and Policies related to education
CO.2	Understand the various Constitutional provisions associated with Education
CO.3	Understand the contemporary issues associated with Education
CO.4	Understand the role of education in addressing inequalities in Indian Society
CO.5	Respect human rights

Paper - Education and Development

CO.1	Understand various expectations of society from education
CO.2	Understand the relevance of education in relation to multicultural society
CO.3	Educate for democracy and integration
CO.4	Educate for sustainable development

Paper - Pedagogy of Punjabi

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Paper - Pedagogy of English

CO.1	To introduce student teachers to some important methodologies & techniques of teaching English..
CO.2	To enable student teachers to prepare and use appropriate audio- visual teaching aids for effective teaching of English
CO.3	To develop in student teachers insight into the form and use of English and to give practice in lesson planning.
CO.4	To develop understanding of the significance of professional preparedness of English teachers

Paper - Pedagogy of Hindi

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Paper - Pedagogy of Social Science

CO.1	Differentiate different types of approaches of social science
CO.2	Understand the concept of evaluation.
CO.3	Understand different types of test.
CO.4	Understand different types of micro teaching skills.

Paper - Pedagogy of Economics

CO.1	Differentiate different types of methods of teaching Economics
CO.2	Understand the concept of Evaluation.
CO.3	Understand different types of micro teaching skills
CO.4	knowledge of different methods of teaching

Paper - Pedagogy of Mathematics

CO.1	Understand various instructional strategies and their appropriate use in teaching mathematics at the secondary level
CO.2	Understand preparation and use of diagnostics test and organize remedial teaching
CO.3	Application of appropriate evaluation techniques in mathematics
CO.4	Understand the application of appropriate evaluation techniques in mathematics

(Computer Science) Course/Paper name- Pedagogy of Computer Science

CO.1	Analyze problems and design appropriate algorithms
CO.2	Demonstrate the paradigm of object oriented programming
CO.3	Students will be able to perform basic UNIX networking tasks including setting up a LAN using NIS.
CO.4	Students will be able to read-understand-write short scripts in a Unix shell.
CO.5	Students will be able to use math induction and recursive definitions and algorithms.

Paper - Reading and Reflecting on Texts

CO.1	Develop their capacities as readers and thinkers
CO.2	Explain different types of Texts
CO.3	Utilize reading resources and policy documents
CO.4	Enhance their reading competencies

SEMESTER–VIII

Paper - School Internship/ Field Engagement with Community

CO.1	Development of teaching skills through practical experience
CO.2	Gain proficiency in assessing students learning and using diverse assessment methods
CO.3	Enhance communication skills
CO.4	Develop skills in maintaining a positive and organized classroom environment
CO.5	Development of professional skills related to teaching work
CO.6	Ability to use different methods and techniques of teaching and use them effectively in appropriate situations
CO.7	Ability to diagnose the strengths and weaknesses and the achievements and failures of the individual pupils