

Outcomes of Courses at Graduation level

Course Outcomes of English Course in B.A

Semester-I

Paper : English (Semester I)

An undergraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- acquire a basic understanding of English grammar (parts of speech, narration, voices, subject-verb agreement, tense, word choice, punctuation, etc.)
- learn the correct pronunciation, accent and intonation of English words by studying phonetic transcription
- write short paragraphs and comprehend unseen passages
- develop their imaginative faculty, critical power and analytical skills through the study of essays and short-stories.

Semester-II

Paper : English (Semester II)

An undergraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- acquire a basic understanding of English grammar (parts of speech, narration, voices, subject-verb agreement, tense, word choice, punctuation, etc.)
- learn the correct pronunciation, accent and intonation of English words by studying phonetic transcription
- write short paragraphs and comprehend unseen passages

- develop their imaginative faculty, critical power and analytical skills through the study of essays and short-stories.

Semester-III

Paper : English (Semester III)

- The Purpose of the Course is to provide knowledge of English Language and to enlighten the students and to fill their minds to make them better Human Beings.
- The main focus is on Communication Skills and various teaching methods.
- To Guide them to speak fluently and to cater to the need of the course and language.
- To make the students competent and develop positive attitude towards English Language .
- To motivate the students to display their skills related to the subject.
- The Course makes them well-versed Learners of English language.
- Through the Course, Students are encouraged for Extensive and Intensive study of English language.

Semester-IV

Paper : English (Semester IV)

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- To make the students competent and develop positive attitude towards English Language .
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- Through the Course, Students are encouraged for Extensive and Intensive study of English language.

Semester-V

Paper : English (Semester V)

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

- Develop the ability to comprehend and make use of grammatical skills at a wider level.
- Understand how to interpret and critically examine a literary text especially from the genre of drama.
- Analyze the contemporaneity of William Shakespeare's plays and apply them to understand practical contexts.
- Write memos, RTIs, formal letters in order to develop better communication skills.
- Enhance their vocabulary based on their practice of one-word substitution exercises.
- Demonstrate their communicative skills in interviews, group discussions, moot courts etc.

Semester-VI

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- Write memos, RTIs, formal letters in order to develop better communication skills.
- Enhance their vocabulary based on their practice of one-word substitution exercises.

- Demonstrate their communicative skills in interviews, group discussions, moot courts etc.

Course Outcomes of English Course in B.Sc

Semester I and II

- To empower the students with holistic knowledge and improve communication skills.
- To cater to the need of the students hailing from the rural, marginalized, and weaker section of the society.
- To provide them the knowledge of English language to enlighten and to purify their minds.
- To make the students competent and develop positive attitude
- To include social awareness and leadership qualities

Course Outcomes of Sociology Course in B.A

Semester-I

Paper : An Introduction to Sociology

- The acquired knowledge provides basic understanding of society and key issues of sociology and their overall impact on our lives.
- The course enables the student to explore the sociological craft and gain and appreciation for the soundness of the sociological approach in life.

After completion of course the student will understand that “everyman is a piece of society” which is a fundamental sociological insight.

Semester-II

Paper : Society and Social Change

- The acquired knowledge of basic understanding of institutionalised Structure of society.
- It helps the students in understanding as how old social structures are present in new forms.
- It also helps them in understanding the change occurring in significant social institutions and consequently change their functions.

Semester-III

Paper : Social Research Methods

- Research designs helps in building up trained minds to capture the social realities without being judgemental.

- Sociological research methodology enables the student to understand the theoretical and research material that carries them beyond a common sense level of understanding.
- It offers a unique opportunity to the students to carry out a research in any area of their interest it further facilitates them in building of sociological research skills.

Semester-IV

Paper : Social Problem

- course design offers an ample opportunity to the students to understand the main causes of social problems in the society.
- It helps in structuring a critical thinking among the students to understand the repercussions of division in the society.
- It helps in building the trained minds to come out in finding the answers which could prove to be beneficial for the society.

Semester-V

Paper : Foundations of Social Thought

- It places its confidence in the ability of the students mind to understand the complexities of reality.
- It develops a holistic perspective in understanding several social issues and theorizing them.
- After the completion of the course student will learn various theoretical orientations which prepares them to understand the intricate working of the society.

Semester VI

Paper : Rural Sociology

- It provides total picture of the emerging rural society in India it highlights the importance and need for the study of Indian rural society from scientific angle.
- It helps the student in understanding the true characteristics of the classic agrarian of civilisation of India.
- It also enables them the understand the picture of rapidly changing rural society.
- It provides helpful insight into the minds of the students with regard to significant measures taken by Government such as Panchayti Raj.

Course Outcomes of History Course in B.A

Semester-I

Paper : Ancient India (From earliest time to Gupta's Period)

- Students will be able to understand the, how Harappa Civilization was emerged, which were only urban Civilization in Indian Continental but also in the world.
- Students will be able to understand the Vedic Civilization trends which were apply in our society in till present scenario.
- Students would have to understand the process of First Urban revolution in India which changed the political social economic and cultural trends.
- Students would have to understand when economic change started in 600 B.C than First Urban revolution had started in India.
- Students would have to understand under the Mouraya's India become the first centralise state.
- Students would have to understand that how after 600 B.C religious revolution change the perception of the people towards the social system in India.
- Students would have to understand in Gupat's period not only political condition consolidated but also cultural growth occurred, which effected the life of Indian People.

Semester-II

PAPER : Ancient India (600 A.D-1206 A.D)

- Students will be able to understand that how the feudal system effected the economy of Indian States
- Students will be able to understand that Muslim invasions on India once again change the political, social economic and cultural trends in India.
- Students would have to understand after the establishment Delhi Sultanate a new political system was setup which was setup according to Islamic political system.

- Students would have to understand when new political order setup than also economic change started in India which was cause of second urban revolution in India.
- Students will able to understand under the Delhi Sultanate new technological change occurred in India which was used in Agricultural, Trade and commerce.
- Students would have to understand in medieval time new social classes emerged in India which was results of new State Formation.
- Students would have to understand that in medieval period composite culture started in India which was the results of the new Islamic State and growth of literature and Art.

Semester-III

PAPER : Political History of India (1526-1857)

- Students will be able to understand that after decline of Delhi Sultanate once again new state established in India under the Mughals which was based on mongolian and Indian political system.
- Students will be able to understand that Akbar Consolidated and Expansion the Mughal State base on their liberal and secular policies.
- Students would have to understand after the expansion the Mughal state Akbar revised their administration based on State but now state was autocratic by nature.
- Students would have to understand Mughal emperor Aurangzeb policy was decline of Mughal state.
- Students will able to understand economic changes in Europe in 16th century globalize the world, one of the example of this, rivalry between French and British for the mercantile supremacy in India and also to save their imperial interest.
- Students would have to understand British expansion their empire in India to achieve their economic interest.
- Students would have to understand that 1857 was First War of India Independence. This is the example of against the tyrants rule.

Semester-IV

PAPER : Indian National Movement

- Students will be able to understand that after 1857 uprising process of making as nation was started in India because after 1857 Indian Nationalist to understand the nature of colonial state and aware of Indian people to British exploited policies.
- Students will be able to understand that Indian National Congress was a symbol of rise of Nationalism in India.
- Students would have to understand under the colonial rule time to time emerged deferent Ideological groups in India which participated and moved the Indian National Movement but these ideological groups last goal achieve India's Independence.
- Students would have to understand that how British use the Divide and Rule Policy in India for the safeguard their imperial interests in India.
- Students will able to understand rise of Communalism in India was a cause of Political interests of deferent communities in India and imperial state.
- Students would have to understand Gandhi struggle not only against the British State but also his struggle against Indian Social, Economic and political system.
- Students would have to understand Gandhi use Non-Violence theory against British State for the Freedom of India.

Semester-V

Paper : Rise of Modern World

- Students will be able to understand that process of making of Modern Europe started 15-16 century, which was cause of transition from feudalism to capitalism in Europe and emergence of Renaissance and Reformation.
- Students will be able to understand that Mercantile Revolution was early stage of capitalism in Europe.

- Students would have to understand Scientific Revolution given new light and approaches to understand things and solutions of problems related to life
- Students would have to understand Revolution of 1688 of England started the process of liberalism in England and Europe. Which was one of the cause of Democratic system in Europe
- Students will able to understand how Industrial Revolution started the second stage of capitalism in Europe and World.
- Students would have to understand Agriculture Revolution Started the commercialization of Agriculture in Europe and World.
- Students would have to understand after making of Modern Europe emerge of global economy in the World.

Semester-VI

Paper : Modern Europe (1789-1945)

- Students will be able to understand that after French revolution Europe move to democratization in state functioning.
- Students will be able to understand that after Napoleon wars European nations accept that wars are not the permanent solution of political problems of Europe.
- Students would have to understand that how after French revolution nationalism spread in European nations.
- Students will able to understand that after First World War European Nations setup League of Nations for the peace of world.
- Students would have to understand that World War-1 was highly stage of the capitalism.
- Fascism and Nazism in Europe was a Despotic rules in Europe, Which were direct challenge to Democratic system in Europe and World.

Course Outcomes of Political Science Course in B.A

Semester 1

Paper : Indian Constitution

- After reading the Indian constitution the students will be able to –
- -Understand the philosophy of Indian constitution
- understand the various Acts, Provisions and reforms of Indian constitution.
- know about the various salient features of making of Indian constitution.
- understand the various constitutional and institutional arrangements.
- understand and appreciate the fundamental rights, duties and directive principles of state policy.

Semester II

Paper : Indian Politics

After reading the Indian politics the students will be able to –

- Evaluate the evolution, functioning and consequences of political parties in India.
- Identify how electoral rules and procedures in India affect the elections outcomes.
- Understand federalism and its functioning with reference to centre state relations.
- Know about the emerging trends of Indian federalism.
- Identify the challenges before Indian political system.
- Understand the role of caste, religion, language, regionalism in India and politics of reservation.

Semester III and IV

Paper : Western Political Thinkers I (Semester III) and II (Semester IV)

- The course has seventeen thinkers in all covering topics of power, justice, rights, law and other issues pertaining to governance.
- While political science often assumes these concepts are static, political thought asks how they came about, and to what effect. Just as the question Socrates posed, "how should we be governed?" led to his execution; the question, "what makes a government legitimate?" can lead to political turmoil at critical times.
- Political thought asks what form government should take and why; the duties a citizen owes their government, if any; and when citizens should overthrow an "illegitimate" government, if ever.
- Student come to know about the answer that why Aristotle is known as the father of Political Science?
- In this course, student examine major texts in the history of Western political thought, where the authors often pose difficult questions about the political community, social order, and human nature.
- How do different views about human nature and history inform government design? We will explore how the thinkers, Plato, Machiavelli, and Rousseau, responded to the political problems of their times, and how they contributed to the broader conversation about human needs and goods, justice, democracy, and the ever-changing relationship between the citizen and the state.
- By the course the student will provide perspective for our current political situation by evaluating the strengths and weaknesses of various regimes and philosophical approaches.
- The student will also look at the assumptions and basic concepts that define the field of political science. Each of the four units that comprise this course is devoted to a broad theme central to understanding politics, rights, equality, and the evolution of State etc.

Semester - V and VI

Paper : Comparative Government and Politics V (Semester V) and VI (Semester VI)

- Students of political science B.A. 5th and 6th semester studied the course at UG level.
- The course consists of nature and working of Government and political process of UK and USA. It enhances the knowledge and approach beyond Indian Polity.
- It makes the student aware about the structure and working of Government and its organs.
- It also provides academic inputs about the political parties and pressure groups of both the countries. It is very much important for the students for comparative and analytical study of the major political system in the modern age.

Course Outcomes of Economics Course in B.A

Semester-I

Paper : Microeconomics – I

- Students will learn about definition, nature, , law of demand, elasticity of demand: concept, types, measurement, determinants and importance.
- Gain the understanding of the Concept of Utility, Cardinal Utility Analysis, Law of Equi-Marginal Utility, Law of Diminishing Marginal Utility, Derivation of Demand Curve, Ordinal Utility Analysis , Indifference Curves Analysis, Consumer Equilibrium, Price, Income and Substitution Effects, Consumer Surplus.

Semester-II

Paper : Microeconomics – II

- Students will be aware about Market Structures- Concepts , Perfect Competition: Characteristics and Assumptions, Price Determination Under Perfect Competition, Equilibrium of the firm in the short period and the long period.
- Students will be able to understand the Monopoly: Characteristics, Equilibrium of the Monopoly Firm in Short period and Long period, Concept of Supply Curve under Monopolym, Price Discrimination.

Semester-III

Paper : Macroeconomics – I

- Students will learn from about Nature and Scope of Macro Economics, Difference between Micro and Macro Economics, Importance of Macro Economics, Concepts, Measurement and limitations of National Income Statistics, Circular flow of Income in Two, Three and Four Sector Economy.
- Students will learn the Say's law of Market, Classical Theory of Income and Employment, Keynesian Theory of Income and Employment, Principle of Effective Demand, Comparison between Classical and Keynesian Theory.

Semester- IV

Paper : Macroeconomics – II

- Students will be able to learn about Keynesian Multiplier: Concepts, Relation between Multiplier, MPC and MPS, Comparative Static and Dynamic Process., Working of Multiplier in UDC'S, Acceleration Principle and Concept of Super Multiplier.
- Students will gain the understanding of The Demand for Money: Concepts, Functions and Significance, Quantity Theory of Money -Fisher's Approach and Cambridge Approach, Keynesian Liquidity Theory of Money, Supply of Money: Meaning and Determinants, High Powered Money and Money Multipliers

Semester- V

Paper : Indian Economy – I

- Students will be able to learn about Capitalist, Socialist & Mixed economy, Developed and Developing Economy –Concepts, Basic Characteristics of Indian Economy as a Developing Economy, Comparison of Indian Economy with Developed Economies, Major Issues of Development in India
- Students will know about Theory of Demographic Transition, Size and Growth of Population, Features of Indian Population, Causes of Growing Population.- High Birth Rate and Decreasing Death Rate, Problems of Over Population, Measures for Population Control, Population Policy 2005 onward

Semester- VI

Paper : Indian Economy – II

- Students will learn about the Role of Industrialization, Industrial Policy – 1991 onwards, New Economic Reforms – Concepts i) Liberalization ii) Privatization, iii) Globalization, Small and Large Scale Industry – Growth and Problems, Growth of Knowledge Based Industry – IT, Software Consultancy
- Students will be able to understand Meaning and Classification of Labour, Characteristics of Industrial Labour, Industrial Disputes Causes, Measures for Settlement, Social Security Measures in India.

Course Outcomes of Psychology Course in B.A

Semester - I

Paper : Introduction to Psychology

- Introduction to psychology as a scientific study of human behaviour and mental processes helps students in understanding the human behaviour of day to day life.
- Students are oriented towards different methods of psychology like experimental method, observation, and surveys so that they can efficiently do research.
- The concept of sensation is explained with diagrammatic representations of ear and eye structure whereby the students can talk about the sensation and perception through ear and eye in detail.
- The perception of form and perceptual organization is elaborated, with special emphasis on monocular and binocular cues, this equips the students with better sensation and perception in surroundings.
- The theoretical foundation of human personality, intelligence, and emotions are stressed upon, with the importance of motivation in psychological uplift of individuals, thus students get equipped with handling cases of personality disorders, low intelligence and emotionally challenged.

Semester - II

Paper : Experimental Psychology

- Problem solving abilities of students are enhanced through the understanding of concepts like attention, psychophysics, and problem solving.
- Different types of learning like classical, operant, and trial and error learning prepare the students to understand how learning can be enhanced at school or college level.

- Students are enriched about the types of memory and factors responsible for forgetting, where students learn to memorize things quickly and in a better way.
- Students are oriented towards statistics in psychology like measures of central tendencies, frequency distribution, and graphical presentations of data which is very important for them in research work.
- Use of psychological instruments like Muller Lyre, tachistoscope, and mazes is explained through which students become aware of the techniques available to measure psychological attributes.

Semester - III

Paper : Social Psychology

- Social psychology is introduced to students to understand the socialization process as a whole and agents of socialization.
- Importance of social norms and leadership in group formations is explained so that students can be great leaders of future and good followers.
- Psychological concepts like attitudes, prejudices, and stereotypical behaviour help the students in shaping their personalities.
- The concepts of pro-social behaviour and aggression are studied as important aspects of social psychology whereby students tend to focus on the justified behaviours in society and become better citizens.

Semester - IV

Paper : Developmental Psychology

- Students are able to understand human development from infancy to death, with the understanding of difference in development and growth.

- Students are made aware of the factors affecting biological, socio-emotional, cultural, and cognitive development.
- Students get to know about the issues, hazards, problems, and adjustment related to different stages in human development.
- The statistical ability of students is strengthened through methods like quartile deviation and standard deviation.
- Students are made to conduct and report practical related to development like study of values, parent-child-relationship, and youth problems which is helpful for further studies in psychology.

Semester – V

Paper : Psychopathology

- Students are able to understand the concept of normality and abnormality in terms of biological, psychodynamic, behavioural, and cognitive terms.
- Students are able to classify psychopathology like schizophrenia, mood disorders, and anxiety based disorders like OCD and phobia through Diagnostic Statistical Manual.
- The students are oriented about the causes, consequences, and rehabilitation of substance abuse.
- Students are also made capable of doing psychological assessment through psychological tools like depression inventory, CAT, WAT, and CAQ.

Semester – VI

Paper : Applied Psychology

- Students get to know about the different careers and fields available in applied psychology using the concepts and methods of fundamental psychology.
- Different objectives, types, and special areas of counselling, guidance and organizational psychology are absorbed by the students for professional growth.
- Students are oriented towards mental illnesses, life style, stress, and coping.
- Students having interest in law and justice are strengthened about the concepts of forensic psychology.

Course Outcomes of Health and Physical Education Course in B.A

Semester-I

Paper : Health and Physical Education(I)

- Basic knowledge of physical Education and its scope.
- Know about the Importance & Misconception of Physical Education.
- Knowledge about Health& Factor Influencing Health.
- Person Hygiene stands for and its Importance
- Know about the steps and real mean of YOGA
- Benefits & technique of Pranayama.
- Human Anatomy and Physiology& its importance.
- Interpretation of Cell, Tissue, Organ and System & Properties of Cell

Semester-II

Paper : Health and Physical Education(II)

- Understand about the Meaning, Aim, Importance and Scope of Health Education.
- Significance of First Aid& how we give First Aid for common injuries.
- Pre- independence & Post- independence historical development of Physical Education.
- Role of 10A, SAI, NSNIS, YMCA, National Sports Policy & Haryana Khel Policy.

- Understand about the Meaning, Components and Principles of physical Fitness
- Interpretation of Isometric, Isotonic and Isokinetic Exercise.
- Structure, Types and Function of Human Bone.
- Types and Function Of Joints in Human Body.

Semester-III

Paper : Health and Physical Education(III)

- Significance of Sports Injuries, its Types & Causes
- How to Prevention.
- How to deal with Abrasion, Contusion, Sprain, Strain, Fracture and Dislocation.
- Know about the Meaning & Modes of Transmission of Communicable and Non-Communicable Diseases.
- General knowledge about Disease: HIV, Hepatitis, Dengue, Typhoid, Malaria and Influenza.
- Interpretation of Balanced Diet & its Components.
- Interpretation about Harmful Effects of Junk Food & Factor Affecting Balanced diet.
- Structure of Heart & Function Of Heart.

Semester-IV

Paper : Health and Physical Education(IV)

- How to Warm up, its Meaning, Aim, Importance, Types & Physiological aspects of Warming Up.
- How to Cool Down, its Meaning, Aim, Importance, Types & Physiological aspects of Cooling Down / Limber Down.
- Interpretation of Sports Psychology & its Need & Importance.
- Laws & Curve of Learning.
- Know about the Ancient & Modern Olympic Games.
- Deep Knowledge about Asian Games & Commonwealth Games.
- Structure & Physiology of Respiratory System.
- Effect of Exercise on Respiratory System.

Semester-V

Paper : Health and Physical Education (V)

- Significance of growth and Development and its Definition & Stages.
- Factors influencing Growth & Development & Principles.
- Interpretation of Sports Organization & Administration & its Importance & Principles.
- Tournaments and their types (League & Knock Out)
- Significance of Good Posture & Causes of Bad Posture.
- Symptoms & Causes of Posture Deformities: (Lordosis, Kyphosis, Scoliosis, Flat Foot, Bow Legs & Knock Knee).
- Anatomy, Types & Effects of Exercise on Muscular System.
- Composition & Functions of Human Blood.

Semester-VI

Paper : Health and Physical Education (VI)

- Interpretation of socialization & Effect of Social Behavior on Performance of sports person
- Significance of Sports Training, Factors affecting & Types of Sports Training.
- Significance of Doping: its Meaning, types and its effect on health.
- How to Biomechanics Effect in Sports& its Importance.
- Newton's Laws of Motion and Types of Levers in sports.
- Structure & Organs of **Digestive System**

बी.ए.—हिन्दी (अनिवार्य)

सेमेस्टर—प्रथम

- संत कबीरदास द्वारा रचित साहित्य का सूक्ष्म अध्ययन।
- भक्त सूरदास, तुलसीदास, मीरा, बिहारी की साहित्यिक दृष्टि का मूल्यांकन।
- हिन्दी व्याकरण की विभिन्न इकाईयों का परिज्ञान।
- हिन्दी भाषा की विभिन्न बोलियों यथा—ब्रज, अवधी, खड़ी बोली के साहित्यिक स्वरूप का परिचय।
- हिन्दी साहित्य के आदिकाल का विशेष ज्ञान।

सेमेस्टर—द्वितीय

- भाषा के स्वरूप पर विशेष चर्चा।
- हिन्दी वर्तनी का विशेष ज्ञान।
- हिन्दी काव्य की विकास यात्रा में भक्तिकाल के अवदान का परिचय।
- हिन्दी नाटक के उदभव एवं विकास में नाटककार जयशंकर प्रसाद के योगदान संबंधित परिचय।
- स्त्री—विमर्श के कैनवास पर नाटक ध्रुवस्वामिनी का मूल्यांकन।

सेमेस्टर—तृतीय

- विभिन्न कवियों के काव्य की मूल—संवेदना का परिज्ञान।
- कवियों के जीवन संघर्षों एवं प्रेरणादायक तत्वों का परिचय।
- हिन्दी भाषा के विकास में अनुवाद, कम्प्यूटर आदि संबंधित विषयों पर विशेष परिचर्चा।
- हिन्दी साहित्य के रीतिकाल एवं संबंधित कवियों का सामान्य परिचय।
- रीतिकाल की विभिन्न धाराओं पर परिचर्चा करते हुए धनानन्द एवं बिहारी की उपादेयता पर गहन अध्ययन।

सेमेस्टर—चतुर्थ

- हिन्दी गद्य-साहित्य के महान लेखकों का परिचय ।
- गद्य साहित्य की विभिन्न विधाओं जैसे-उपन्यास, कहानी, नाटक, निबंध के उद्भव एवं विकास का ज्ञान ।
- परिभाषिक शब्दावली के स्वरूप एवं विभिन्न सम्प्रदायों से विद्यार्थियों को परिचित करवाना ।
- हिन्दी कहानी के उत्तरोत्तर विकास संबंधित परिज्ञान ।

सेमेस्टर-पंचम

- हिन्दी साहित्य के आधुनिक काल के प्रमुख वाद संबंधित परिज्ञान ।
- विद्यार्थियों को समकालीन शब्द से परिचित कर समकालीन कवियों के कथानक का विशेष ज्ञान ।
- प्रयोगवाद एवं समकालीन कविता पर विशेष परिचर्चा ।
- कार्यालयी हिन्दी का बोध एवं हिन्दी की प्रयोजनीयता के महत्त्व का प्रकटीकरण ।
- पत्रलेखन, संक्षेपण एवं पल्लवन का सामान्य परिचय ।

सेमेस्टर-षष्ठ

- हिन्दी साहित्य की गद्य-विधाओं पर विशेष चर्चा ।
- हरियाणवी भाषा के उद्भव एवं विकास का परिचय ।
- हरियाणा की विभिन्न बोलियों की विस्तृत जानकारी ।
- हरियाणवी कवियों-लखमीचन्द, मांगेराम, दीपचंद, बाजेभगत आदि का सामान्य परिचय ।
- हरियाणवी गद्य-विधाओं जैसे -उपन्यास, कहानी, नाट्य , साहित्य की समीक्षा ।
- मीडिया और हिन्दी तथा अभिव्यक्ति कौशल का ज्ञान ।

बी.ए.—हिन्दी (ऐच्छिक)

सेमेस्टर—प्रथम

- हिन्दी काव्य के आदिकाल का सामान्य परिचय।
- रासो काव्य परम्परा के परम्परागत इतिहास का प्रस्तुतीकरण।
- आदिकालीन कवि विद्यापति एवं अमीर खुसरो की साहित्यिक दृष्टि का मूल्यांकन।
- भीष्म साहनी के व्यक्तित्व एवं कृतित्व पर परिचर्चा करते हुए, उनके द्वारा विचरित नाटक 'हानुश' का आलोचनात्मक अध्ययन।
- 'रामधारी सिंह दिनकर' द्वारा रचित 'कुरुक्षेत्र' के पात्रों का समकालीन प्रबोध।

सेमेस्टर—द्वितीय

- मध्यकालीन एवं रीतिकालीन कवियों का सामान्य परिचय।
- कवियों की काव्य—सम्पदा, काव्य—वैभव, का समीक्षात्मक अध्ययन।
- कवियों द्वारा प्रयुक्त छंद, अलंकार, ध्वनि, संगीतात्मकता का परिचय।
- मध्यकालीन काव्य भाषा का आलोचनात्मक अध्ययन।
- उपन्यास विधा का परिचय देते हुए प्रेमचंद के उपन्यास का विवेचनात्मक अध्ययन।

सेमेस्टर—तृतीय

- विद्यार्थियों को कवियों की मूल संवेदना, जीवन संघर्षों, कथानक से परिचित करवाया गया।
- कवियों द्वारा प्रयुक्त काव्य सम्पदा यथा छंद, अलंकार, ध्वनि, संगीतात्मकता से परिचित करवाया गया।
- हिन्दी कहानी के उत्तरोत्तर विकास का परिज्ञान।
- हिन्दी कहानी के इतिहास, समकालीनता का ज्ञान विशेष रूप से दिया गया।
- विद्यार्थियों को हिन्दी कहानी की परिभाषा, तत्व, वर्गीकरण से परिचित करवाया गया।
- हिन्दी काव्य की विकास यात्रा पर विशेष रूप से चर्चा की गई।
- हिन्दी साहित्य के उन्नयन में अवदान देने वाले साहित्यकारों से विद्यार्थी परिचित हुआ।

सेमेस्टर-चतुर्थ

- विद्यार्थियों ने ब्रज भाषा के उद्भव एवं विकास का सूक्ष्म अध्ययन किया।
- ब्रज भाषा के सौष्टव से विद्यार्थी परिचित हुए।
- कृष्ण भक्त कवियों में नरोत्तम दास स्वामी के व्यक्तित्व के बारे में विद्यार्थियों ने जाना।
- नरोत्तम दास स्वामी द्वारा रचित सुदामा चरित के अभिष्ट के सम्बंध में विद्यार्थी रूबरू हुए।
- ब्रज भाषा के विकास में नरोत्तम दास स्वामी के सुदामा चरित का मूल्यांकन किया गया।

सेमेस्टर-पंचम

- समकालीन शब्द की निष्पत्ति एवं समकालीन कविता का विश्लेषणात्मक अध्ययन।
- समकालीन हिन्दी कहानी एवं कहानीकारों के अवदान पर विशेष चर्चा।
- हिन्दी गद्य विधाओं जैसे उपन्यास, नाटक, कहानी, निबंध, आलोचना का क्रमानुसार अध्ययन।
- समकालीन साहित्य के अभिव्यक्ति एवं अभिव्यंजना पक्ष का परिज्ञान।
- समकालीन कवियों की काव्य-भाषा, काव्य-शैली, शिल्प का प्रस्तुतीकरण।

सेमेस्टर-षष्ठ

- काव्य के विभिन्न सम्प्रदाय जैसे-रस, अलंकार, संबंधित परिज्ञान।
- काव्य के भेद-प्रभेद, जैसे खण्ड काव्य, महाकाव्य और गीति काव्य के स्वरूप एवं तत्त्वों का परिज्ञान।
- हिन्दी गद्य साहित्य की विविध विधाओं का सामान्य परिचय।
- अमृतलाल नागर के उपन्यास 'मानस का हंस' का समाजशास्त्री अध्ययन।
- समकालीन सरोकारों के निकष पर 'मानस का हंस' के पात्रों का मूल्यांकन।

बी.बी.ए

प्रथम वर्ष, हिन्दी

- विद्यार्थियों ने हिन्दी भाषा की संवैधानिक स्थितियों के बारे में जाना।
- राजभाषा से संबंधित विभिन्न धाराओं का परिज्ञान दिया गया।
- कार्यालीन हिन्दी का विशेष रूप से ज्ञान दिया गया।
- कॉर्पोरेट जगत में व्यवहृत हिन्दी का विशेष ज्ञान।
- परिभाषिक शब्दावली के उदगम एवं विभिन्न सम्प्रदायों के संबंध में विशेष परिज्ञान।
- सरकारी पत्र लेखन संबंधित परिचय।
- निबंधों के माध्यम से विद्यार्थियों की मौलिक प्रतिभा का विकास।

बी.एस.सी. (हिन्दी)

सेमेस्टर-तृतीय

- सम्प्रेषण कला के सैद्धान्तिक एवं व्यावहारिक पक्ष का परिचय।
- वैज्ञानिक शब्दावली के इतिहास का ज्ञान।
- विभिन्न कवियों के काव्य-सौष्टव पर विशेष चर्चा।
- निबंध पत्र लेखन से संबंधित विषयों का परिज्ञान।
- हिन्दी की वैज्ञानिकता, सरलीकरण, अभिव्यक्तिकरण का विशेष ज्ञान।

सेमेस्टर-चतुर्थ

- हिन्दी एकांकी के क्रमिक विकास का अध्ययन।
- एकांकीकारों के रचना-कौशल, वैचारिक ईमानदारी, कलात्मक औदात्य से विद्यार्थियों को परिचित करवाना।
- तार लेखन संबंधित नियमावली एवं रचनात्मक-कौशल का परिज्ञान।
- वैज्ञानिक शब्दावली के इतिहास का ज्ञान।
- हिन्दी की वैज्ञानिकता, सरलीकरण, अभिव्यक्तिकरण का विशेष ज्ञान।

Course Outcomes of Music Instrument Course

SEMESTER-I

PAPER –I

- इस पेपर में विद्यार्थी राग यमन, अल्हिया बिलावल व भूपाली की नोटेशन रजाखानी और मसीतखानी गत तथा एकताल, चौताल और तीनताल लिखना सिखेंगे।
- संगीत, नाद, श्रुति, स्वर, सप्तक, गत, झाला, तोड़ा, राग व थाट की परिभाषा के साथ-साथ इनके वादन की तकनीक के बारे में विद्यार्थियों को जानकारी होगी।
- वैदिक काल से लेकर 12वीं सदी के संगीत के बारे में जानेंगे।
- सितार व इसके वादन की तकनीक से विद्यार्थी अवगत होंगे।
- लोक व शास्त्रीय संगीत के मध्य सम्बन्ध के बारे में पता चलेगा व साथ ही साथ उस्ताद अलाउद्दीन खां, पं. रविचंकर व उस्ताद विलायत खां की देन भारतीय संगीत को क्या है इसकी जानकारी विद्यार्थियों को मिलेगी।

SEMESTER-II

PAPER –I Theory

- इस पेपर में विद्यार्थी राग काफी, वृन्दावनी सारंग और देस की नोटेशन रजाखानी और मसीतखानी गत तथा रूपक, झपताल और तिलवाड़ा ताल लिखना सिखेंगे।
- वादन की तकनीक सूत, मींड, घसीट, ज़मज़मा के बारे में जानेंगे और नायक-नायकी, सम, खाली, ताली, वादी, संवादी, अनुवादी और विवादी को समझेंगे।
- भारतीय वाद्यों के बारे में जानकारी प्राप्त करेंगे तथा सितार वादकों के गुण-दोष को जानेंगे।
- भारतीय शास्त्रीय संगीत में समय सिद्धान्त के बारे में पता चलेगा।
- इसके अन्तर्गत विद्यार्थियों को भारतीय शास्त्रीय संगीत के प्रचार-प्रसार में मीडिया की भूमिका का ज्ञान होगा

PAPER –II Practical

- इस पेपर में विद्यार्थी राग काफी, वृन्दावनी सारंग और देस में से रजाखानी गत आलाप, तोड़े और झाले सहित व दो रागों में मसीतखानी गत बजाना सीखेंगे।
- इसके साथ-साथ एक गत रूपक ताल में तोड़े सहित बजाएंगे तथा बिलावल, कल्याण और काफी थाट में अलंकार बजाना सीखेंगे।

- तीन ताल और रूपक ताल को तबले पर तथा तीलवाड़ा, एकताल, झपताल और चौताल हाथ पर बजाना सीखेंगे।
- विद्यार्थी सितार पर राष्ट्रीय गान बजाएंगे।

SEMESTER-III

PAPER –I Theory

- इस पेपर में विद्यार्थी राग छायानट, जयजयवन्ती, भैरव व भैरवी की नोटेसन रजाखानी और मसीतखानी गत तथा तीव्रा, दीपचन्दी व दादरा ताल दुगुन व चौगुन लय में लिखना सिखेंगे।
- परमेल प्रवेशक राग, अल्पतव-बहुत्व, मसीतखानी गत, रजाखानी गत व ग्राम की परिभाषा समझेंगे।
- स्वयंभू नाद के साथ-साथ सितार की ट्यूनिंग की तकनीक को जानेंगे व सितारवादन की विभिन्न पद्धतियों का ज्ञान होगा।
- संतूर व गिटार वाद्य के बारे में विस्तार से विद्यार्थियों को पता चलेगा व उस्ताद अब्दुल हलीम जाफर खां व पन्नालाल घोष का संगीत को क्या योगदान है इसकी जानकारी विद्यार्थियों को मिलेगी।

SEMESTER-IV

PAPER –I Theory

- इस पेपर में विद्यार्थी राग शुद्ध कल्याण, खमाज़ व केदार का ऐतिहासिक अध्ययन के साथ-साथ इनकी नोटेसन रजाखानी और मसीतखानी गत तथा चौताल, अद्धा-चौताल तथा एकताल दुगुन व चौगुन लयकारी में लिखना सिखेंगे।
- आर्विभाव-तिरोभाव, संधीप्रकाष राग, आमीरखानी गत, मुर्च्छना को समझेंगे।
- मध्यकालीन संगीत के बारे में विस्तार से जानकारी प्राप्त होगी।
- आधुनिक समय में संगीत के शैक्षणिक व सांस्कृतिक पहलू को बढ़ावा देने में विज्ञान की भूमिका के बारे में विद्यार्थी जानेंगे।
- सरोद, तबला व वायलिन के बारे में विस्तार से जानने के साथ-साथ श्रीमती अन्नपूर्णा देवी व उस्ताद इनायत खा का संगीत को क्या योगदान है इसके बारे में विद्यार्थियों को जानकारी होगी।

PAPER –II Practical

- इस पेपर में विद्यार्थी राग शुद्ध कल्याण, खमाज व केदार में तीन मसीतखानी गत आलाप, जोड़, तोड़े और झाले सहित व दो रागों में रजाखानी गत बजाना सीखेंगे।
- भैरवी या पीलू में एक धुन बजाना सीखेंगे।
- तीव्रा, अद्धा-चौताल तथा चौताल ढाह और दुगुन लयकारी में हाथ पर बजाने के साथ-साथ एकताल व चौताल तबले पर बजाएंगे।
- एक गत एकताल में मध्यलय में तोड़ों सहित बजाना सीखेंगे व तीन अलंकार खमाज, भैरवी तथा आसावरी थाट में बजाना सीखेंगे।

SEMESTER-V

PAPER –I Theory

- इस पेपर में विद्यार्थी राग तोड़ी, मियां की मल्हार, पूरियाधनाश्री व बसन्त की नोटेसन रजाखानी और मसीतखानी गत तथा धमार, तीनताल व झपताल ढाह, दुगुन, तिगुन व चौगुन लयकारी में लिखना सिखेंगे।
- नोटेसन पद्धति का उद्भव व विकास तथा भारतीय वाद्यवृन्द के उद्भव व विकास के बारे में विद्यार्थियों को विस्तार से जानकारी प्राप्त होगी।
- अन्तरराष्ट्रीय सांस्कृतिक विनियम में संगीत की क्या भूमिका है, इसे विस्तार से जानेंगे।
- उस्ताद मुफ्ताक अली खां व निखिल बैनर्जी का संगीत को योगदान के बारे में विद्यार्थी परिचित होंगे।

SEMESTER-VI

PAPER –I Theory

- इस पेपर में विद्यार्थी राग कामोद, बिहाग, देशकार, बहार व भीमप्लासी की नोटेसन रजाखानी और मसीतखानी गत तथा दादरा, कहरवा व सूलताल ढाह, दुगुन, तिगुन तथा चौगुन लयकारियों में लिखना सिखेंगे।
- नोटेसन पद्धति के गुण-दोष को जानेंगे।
- 17वीं सं 19वीं सदी में भारतीय शास्त्रीय संगीत के विकास के बारे में पता चलेगा।
- उस्ताद अली अकबर खां व उस्ताद विलायत हुसैन खां का संगीत को दिये योगदान के बारे में विद्यार्थी जानेंगे।

- इसके अन्तर्गत विद्यार्थियों को भारतीय शास्त्रीय संगीत के प्रचार-प्रसार में इलैक्ट्रॉनिक मीडिया की भूमिका का ज्ञान होगा

PAPER –II Practical

- इस पेपर में विद्यार्थी राग कामोद, बिहाग, देशकार, बहार व भीमप्लासी में से एक रजाखानी गत आलाप, जोड़, तोड़े और झाले सहित व चार मसीतखानी गत आलाप व तोड़े सहित बजाना सीखेंगे।
- पहाड़ी या मांड में एक धुन बजाना सीखेंगे।
- धमार, तीनताल, झपताल, दादरा, कहरवा व सूलताल को दुगुन, तीगुन व चौगुन लयकारी में हाथ पर व दादरा व कहरवा को तबले पर विद्यार्थी बजाएंगे।
- इसके साथ-साथ एक गत झपताल व रूपक ताल में तोड़े सहित बजाएंगे तथा तोड़ी, पुर्वी व भैरव थाट में चार अलंकार बजाना सीखेंगे। विद्यार्थी सितार की ट्यूनिंग करना सीखेंगे।

Course Outcomes of Music Vocal Course in B.A

Semester-I

PAPER –I Theory

- इस पेपर में विद्यार्थी राग यमन, अल्हैया बिलावल तथा भूपाली की स्वरलिपि विलम्बित व द्रुत ख्याल में तथा एकताल, चारताल व तीनताल लिखना सिखेंगे।
- संगीत, स्वर, सप्तक, नाद, श्रुति, राग, थाट, वादी-संवादी, अनुवादी, विवादी, ताली, खाली, आवर्तन की परिभाषा के साथ-साथ की इनके प्रयोग करने की तकनीक को भी समझेंगे।
- वैदिक काल से लेकर 12वीं शताब्दी के संगीत के इतिहास को जानने के साथ-साथ शास्त्रीय संगीत और लोक संगीत में क्या संबंध है उसकी जानकारी भी विद्यार्थियों को होगी।
- पं. विष्णु दिगम्बर पलुस्कर व पं. विष्णु नारायण भातखण्डे की संगीत को क्या योगदान है यह भी जानेंगे।

Semester-II

PAPER –I Theory

- इस पेपर में विद्यार्थी राग हमीर, वृंदावनी सारंग तथा काफी राग की स्वरलिपि विलम्बित व द्रुत ख्याल में तथा तिलवाड़ा, झपताल व रूपक ताल को लिखना सिखेंगे।
- अलंकार, वर्ण, ख्याल, तराना, परमेल प्रवेशक राग, मेजर टोन, माइनर टोन की परिभाषा के साथ-साथ की इनके प्रयोग करने की तकनीक को भी समझेंगे।
- राष्ट्रीय एकता में संगीत की भूमिका के साथ-साथ मार्गी और देशी संगीत में अंतर को विद्यार्थी जानेंगे तथा गायकों के गुण-अवगुण से भी परिचित होंगे।
- पं. ओंकार नाथ ठाकुर व उस्ताद अब्दुल करीम खां की संगीत को क्या योगदान है यह भी जानेंगे।

PAPER –II Practical

- विद्यार्थी राग हमीर, वृंदावनी सारंग तथा काफी राग में दो विलम्बित ख्याल गाएंगे तथा एक द्रुत ख्याल आलाप व तान के साथ गाना सीखेंगे।
- बिलावल, कल्याण एवं काफी थाट पर आधारित तीन अलंकारों का अभ्यास विद्यार्थियों द्वारा किया जाएगा।
- झपताल, एकताल व चौताल को हाथ पर ढाह और दुगुन लयकारी के साथ सिखने के साथ-साथ तीनतान व रूपक ताल को तबले पर बजाना सीखेंगे।
- उपरोक्त रागों में से किसी भी राग में एक ध्रुपद या धमार तथा गीत या भजन गाना सीखेंगे।

- विद्यार्थियों को राष्ट्रीय गान हारमोनियम पर बजाना भी आएगा।

Semester-III

PAPER –I Theory

- इस पेपर में विद्यार्थी राग शुद्ध कल्याण, जयजयवंती व मालकौंस राग की स्वरलिपि विलम्बित व द्रुत ख्याल में तथा आड़ा चारताल, दीपचन्दी व झपताल ताल को लिखना सिखेंगे।
- ध्रुपद, धमार, ख्याल व तुमरी के बारे में विस्तार से जानने के साथ-साथ आर्विभाव-तिरोभाव, नायक-नायकी व रागों की जातियों के बारे में भी जानेंगे।
- आधुनिक समय में संगीत के क्षेत्र में विज्ञान की भूमिका की जानकारी होगी व भरत, मतंग व लोचन की श्रुति-स्वर स्थापना को समझेंगे।
- पं. मल्लिकार्जुन मंसूर व उस्ताद बड़े गुलाम अली खां की संगीत को क्या योगदान है यह भी जानेंगे।

Semester-IV

PAPER –I Theory

- इस पेपर में विद्यार्थी राग भैरव, भैरवी, खमाज व केदार का ऐतिहासिक अध्ययन के साथ-साथ इनकी नोटेशन विलम्बित व द्रुत ख्याल में तथा तिलवाड़ा, तीव्रा व एकताल को दुगुन लयकारी में लिखना सिखेंगे।
- टप्पा, चतुरंग, तिरवट, गीत व भजन के बारे में विस्तार से जानकारी प्राप्त होगी व ग्राम, मूर्च्छना, तानपुरा व सहायक नाद के बारे में भी जानेंगे।
- मध्यकालीन संगीत के इतिहास में जानने के साथ-साथ पुंडरीक विट्ठल और रामामात्य की श्रुति स्वर स्थापना के बारे में विद्यार्थी जानेंगे।
- संगीत में पं. भीमसेन जोषी, उस्ताद अलाउद्दीन खां व उस्ताद फैयाज खां के योगदान के बारे में विस्तार से विद्यार्थियों को ज्ञान होगा।

PAPER –II Practical

तीन विलम्बित ख्याल आलाप और तान सहित व एक द्रुत ख्याल आलाप, बोल आलाप, तान व बोल तान के साथ विद्यार्थी गाएंगे।

- एक द्रुत ख्याल तीन ताल के अलावा किसी अन्य ताल में व एक तराना भी विद्यार्थी गाएंगे।
- अद्धा-चौताल, तिलवाड़ा, तीव्रा व दीपचन्दी हाथ पर व चौताल व एकताल तबले पर बजाना सीखेंगे।

- एक सरस्वती वंदना हारमोनियम पर बजाने के साथ—साथ खमाज, भैरवी व आसावरी थाट पर आधारित तीन अंलकार बजाएंगें।

Semester V

PAPER –I Theory

- इस पेपर में विद्यार्थी राग तोड़ी, पूरिया धनाश्री, बसंत, कामोद व भीमप्लासी का ऐतिहासिक अध्ययन के साथ—साथ इनकी नोटेशन विलम्बित व द्रुत ख्याल में तथा धमार, दादरा, सूलताल एकगुन, दुगुन, तिगुन व चौगुन लयकारी में लिखना सिखेंगे।
- स्वरलिपि पद्धति का जन्म और विकास व स्वरलिपि पद्धति के गुण—दोष तथा ललित कलाओं में संगीत के स्थान के बारे में विद्यार्थी जानेंगे।
- रागों के समय सिद्धान्त का ज्ञान होगा व घराना परम्परा और शिक्षा संस्थानों द्वारा दी जाने वाली संगीत शिक्षा के बारे में विस्तार से जानेंगे।
- इसके साथ ही आचार्य के.सी.डी. बृहस्पति, लालमणि मिश्र तथा पं. विनायकराव पटवर्धन का भारतीय संगीत को क्या योगदान है इसके बारे में जानेंगे।

Semester-VI

PAPER –I Theory

- इस पेपर में विद्यार्थी राग मियां की मल्हार, बिहाग, देशकार व बहार के ऐतिहासिक अध्ययन के साथ—साथ इनकी नोटेशन विलम्बित व द्रुत ख्याल में तथा तीनताल, झपताल, कहरवा की एकगुन, दुगुन, तिगुन व चौगुन लयकारी में लिखना सिखेंगे।
- 17वीं से 19वीं शताब्दी में संगीत के इतिहास के बारे में जानने के साथ—साथ स्वर साधना के बारे में विस्तार से जानेंगे।
- हरियाणा व पंजाब के लोक संगीत के बारे में विद्यार्थियों को ज्ञान होगा तथा वैदिक, मध्यकाल और आधुनिक काल में वाद्यों के बारे में भी विद्यार्थी जानेंगे।
- संगीत में उस्ताद अमीर खां, गंगूबाई हंगल व कृष्णराव शंकर पंडित के योगदान से भी विद्यार्थी परिचित होंगे।

PAPER –II Practical

- इस पेपर में विद्यार्थी राग मियां की मल्हार, बिहाग, देशकार व बहार में चार विलम्बित ख्याल आलाप व तान के साथ तथा एक द्रुत ख्याल आलाप, तान, बोलतान के साथ गाएंगें।

- धमार, सूलताल, तीनताल, झपताल, दादरा व कहरवा हाथ पर व दादरा तथा कहरवा तबले पर प्रस्तुत करेंगे।
- राष्ट्रीय गान व देशभक्ति गाने हारमोनियम पर बजाएंगे।
- एक ध्रुपद, धमार व तराना दुगुन, तिगुन व चौगुन लयकारी में विद्यार्थी प्रस्तुत करेंगे।
- विद्यार्थी तानपुरे की ट्यूनिंग भी सीखेंगे।

Course Outcomes of Mass Communication & Video Production (Vocational) Course in B.A

Semester-I

Paper : Science of communication

- Definition, concept, process and elements of communication, Evolution of human beings and human communication, Role, scope and need of communication in society, Functions and objectives of communication, Barriers in communication.
- Principles of communication, Socialization and communication, Traditional communication forms, Verbal communication, Non-verbal communication.
- Communication in ancient civilizations, Indian concept's of communication, Levels of communication and interaction: intra-personal, interpersonal, group, public and mass communication. machine to man, man to machine, machine to machine and mediated communication, Spiritual communication.
- Models and theories of human communication, Aristotle, Osgood, Dance , New comb, Schramm, Meaning theory, Relational theory, Transactional theory

Semester-II

Paper : Introduction to Electronic Media (Television)

- History and Growth of Television in India, Growth and Development of Doordarshan, Introduction to major Indian National Networks, Introduction to major Indian Regional Networks.
- Structure and Functions of Television channel, News service agencies and its functions, importance of assignment board, Various beats of news channel: Political, Crime, Sports, business, Entertainment.
- Fictional programmes, Non-fictional programmes, Journalistic genre: News, News real, interviews and discussion, Documentary: An introduction.
- Selling and buying space and time on media, Market survey – audience, product and media profile, Television ratings points (TRP)- Meaning and concept, Distribution technology – DTH, CAS, Cable Network

Semester-III

Paper : Writing for Electronic Media

- Origin of writing, Role and scope of writing, Essentials of good writing.
- Writing for mass communication Features of spoken language, Concept of visual language.
- Process of script writing Introduction to various formats of scripts, Writing for visuals
- Basic of television writing Different script format for television.
- Writing for various television programme .
- Writing proposal or synopsis for television production - Television news - Television documentary - Television special programme Writing for television advertisement.

Semester-IV

Paper : Television Technology

- Types of cameras and their features, Specific use of various types of camera, Working principle of a video camera.
- Basic of videography , Basic shots and their composition, Importance of cut away and cut in shots, Various camera movements and angles
- Basics of video editing, Editing - meaning and significance, On line and off line editing, Linear and non liner editing.
- Equipments for Editing, Editing equipment - recorder, player, video switcher, vision mixer, audio mixer, monitor, speaker, Connecting and handling editing equipment, Working on NLE software

Semester-V

Paper : Videography & Editing

- Various stages of production: pre-production, production, post production, Production team members and their responsibilities Structure and functioning of television studio.

- What is lighting? Importance of lighting in television Lighting techniques and problems. Planning and production of programs in studio, Floor management Shooting an interview.
- Make up for television: materials and application, Television graphics Concept of virtual studio.

Semester-VI

Paper : Field Projects

Students learn about

- Project Major Project- Documentary
- Minor Project- (i) Vox Pop (2 Minutes) (ii) Interview (3-5 Minutes) (iii) Photo feature (at least 10 photographs) (iv) News Package (90 seconds)

Besides above theory papers students also have one practical paper in each semester in which they get to know about the practical aspect of Mass communication and learn from their working experience.

Class: स्नातक (कलासमाय) प्रथम सत्रम्

Semester: Even/ Odd

Subject: संस्कृतम् (अनिवार्यम्)

Paper (PG):

S. No.

Course Outcomes

१.

वेदोपनिषदरामायणमहाभारतेभ्यः उद्धृतेभ्यः मन्त्रश्लोकानां

व्याख्यायाः ज्ञानम् ।

२.

नीतिपरकज्ञानप्रदानम् ।

३.

संस्कृतभाषायाः व्याकरणस्य आध्यात्मतत्त्वज्ञानस्य निदेशनम् ।

४.

शब्दः १
रूपानामन्य ज्ञान-प्रदानम् ।

Class: स्नातक (कलासंकायः) षष्ठसत्रम्

Semester: Even/ Odd
Paper (PG):

Subject: संस्कृतम् (अनिवार्यम्)

S. No.

Course Outcomes

१. अग्निवकादत्तव्यासस्य यैषादानस्य ज्ञानम् ।

२. शिवाजीनृपेः चरितस्य प्रेरणापदं ज्ञानम् ।

३. पर्यावरणस्य ज्ञानप्रदानम् ।

४. संस्कृतभाषायाम् अनुवादस्य कारकाणां च महत्त्वप्रकाशनम् ।

Class

B. A. I

Subject : Punjabi (Elective)

Ist. Semester

1. ਪੰਜਾਬੀ ਸਾਹਿਤ - ਪਰੰਪਰਾ ਅਤੇ ਭਾਈ ਵੀਰ ਸਿੰਘ
2. ਖ਼ੈ. ਮੋਹਨ ਸਿੰਘ ਅਤੇ ਚਾਚਾ ਚੜ੍ਹਦੀ ਗੱਲਾਂ ਦੀ ਸਾਰ, ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਮਹੱਤਵ
3. ਡਾ. ਗੋਬਿੰਦ ਸਿੰਘ, ਗੋਬਿੰਦ ਸਿੰਘ ਸਰਦਾਰੀ, ਵਿਸ਼ਾਖਾ ਦੀ ਸਿਰਜਣਾ ਅਤੇ ਗੋਬਿੰਦ ਸਿੰਘ ਕੋਲਰ ਵੱਲੋਂ ਗੱਲਾਂ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਸੰਸਕ੍ਰਿਤ
4. ਸਾਰ ਸਿੰਘ ਦੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਰੂਪ ਰੇਖਾ
5. 'ਪਹਿਲੇ ਪਾਪੀ' ਸਾਹਿਤ ਦੀ ਸਮਾਜਕ ਪ੍ਰਸੰਗਿਕਤਾ
6. ਪ੍ਰਵੀਣੀ ਸ਼ਬਦਾਵਲੀ

II nd Semester

1. ਖ਼ੈ. ਪੂਰਨ ਸਿੰਘ ਅਤੇ ਸੰਗੀਤ ਪ੍ਰੀਤਮ ਗੱਲਾਂ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਮਹੱਤਵ
2. ਸੰਗੀਤ ਸਿੰਘ ਸੀਰ, ਪ੍ਰੀਤਮ ਸਿੰਘ ਸੀਰ ਅਤੇ ਸਿੰਘ ਸੁਖਮ ਕੜਾਹੜੀ ਗੱਲਾਂ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ, ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਮਹੱਤਵ
3. ਸ੍ਰੀ ਮਦਨ ਸਿੰਘ ਪਾਠ, ਸਿੰਘ ਸਿੰਘ ਸੇਵੀ ਅਤੇ ਸੰਗੀਤ ਗੱਲਾਂ ਦੀ ਮਹੱਤਵ
4. ਸਿੰਘੀ - ਮੱਠ ਰੇਖਾ
5. ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਪ੍ਰਵੀਣੀ ਸ਼ਬਦਾਵਲੀ

ਵਿਸ਼ੇਸ਼ ਤੌਰ :- ਵਿਸ਼ੇਸ਼ਤਾ ਦੀ ਸਮਾਜਿਕਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਤੇ ਮਹੱਤਵ ਅਤੇ ਸਮਾਜਿਕ ਵਿੱਚ ਅਤੇ ਸਮਾਜਿਕ ਸੰਸਕ੍ਰਿਤ ਅਤੇ ਸਮਾਜਿਕ ਭਾਵ ਪੱਧਰ ਵੱਲੋਂ ਅਤੇ ਸੰਗੀਤ ਦੀ ਸਮਾਜਿਕਤਾ ਸੀ।

B.A. II

Punjabi (Elective)

1. ਸੱਚਰੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਪਰਿਪਾਕ ਮੁੱਦੇ ਤੇ ਸੰਤੋਖ
2. ਚੁੱਕੇ ਫਾਹ ਦੀ ਸਾਹਿਤ - ਸੰਸਾਰ
3. ਸੁਰਕਰ, ਸੁਰਾਖਤ, ਮਾਸਕ ਤੇ ਰਾਜਨ ਫਾਹ ਦੀ ਸਾਹਿਤ - ਸੁਰਿਸ਼ੀ
4. 'ਬੰਬਾ-ਯਾਤਰਾ' ਵਿਚਰੀਸ਼ੀ ਸਾਹਿਤੀਸ਼ੀ ਦੀ ਸੁਰਕਰ ਮਤੇ
ਸੁਰਾਖਤ ਸੰਤੋਖ
5. ਸੁਰਕਰ ਦੀ ਸੁਰਾਖਤ (ਵਿਚਰੀਸ਼ੀ, ਫਾਹ ਤੇ ਸੰਤੋਖ)

4th Semester

1. ਚੁੱਕੇ ਮਤੇ ਵਾਸਿਸ ਫਾਹ ਸੰਤੋਖ ਸਾਹਿਤ ਦੀ ਵਿਚਰੀਸ਼ੀ ਸੰਤੋਖ
2. ਸੁਰਕਰ, ਪੀਰ ਸੁਰਕਰ ਮਤੇ ਫਾਹ ਸੁਰਕਰ ਸੰਤੋਖ ਸਾਹਿਤ ਦੀ ਸੰਤੋਖ
3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਵਿਚਰੀਸ਼ੀ (1701 ਤੋਂ 1850 ਤੱਕ)
4. ਸੁਰਕਰ
5. ਚੁੱਕੇ ਸੁਰਕਰਾਂ ਦੀ ਸੁਰਕਰ ਸੁਰਕਰ ਮਤੇ ਸਾਹਿਤ ਸੁਰਕਰ (ਸੁਰਕਰ)

B.A. III

Punjabi (Elective)

5th Semester / ਪੰਜਵਾਂ ਸਮੇਸਟਰ

1. ਪੰਜਾਬੀ ਕਾਵਿ - ਪਰੰਪਰਾ ਅਤੇ ਗੁਰੂ ਸ਼ਾਸਕ ਰਚನೆ
2. ਗੁਰਮਤਿ ਕਾਵਿ - ਪਰੰਪਰਾ ਅਤੇ ਗੁਰੂ ਪਰਿਵਾਰ ਰਚನೆ
3. ਬਾਕੀ ਵਾਰੀ, ਲੋਕਗੀਤ ਅਤੇ ਰਾਈ ਗੁਰਮਤਿ ਕਾਵਿ ੨। ਸਾਂਝੇ
4. ਗੁਰ - ਰਚਨਾ ਦਿਖਾਏ ਤੇਜਾਂ ੨। ਸਾਂਝੇ ਸਾਹਿਬਜ਼ਾਦਾ
5. ਕਾਵਿ - ਰੂਪਾਂ ਬਾਰੇ ਚਰਚਾ
6. ਸਾਹਿਤ ਬਾਰੇ ਚਰਚਾ ਅਤੇ ਪਰਿਭਾਸ਼ਾ
7. ਵਿਖਾਈ - ਮਾਠੀਵ ਸਫ਼ਰ
8. ਵਸਤੂ - ਸਿੱਖ ਸਫ਼ਰ

6th Semester / ਛੇਵਾਂ ਸਮੇਸਟਰ

1. ਗੁਰੂ ਸਾਹਿਬ ਰਚਨੇ ਅਤੇ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਕਾਵਿ ੨। ਸਾਂਝੇ
2. ਸਾਹਿਤ ਸੰਸਾਰ ਅਤੇ ਪੀੜ ਕਾਵਿ ੨। ਸਾਂਝੇ
3. ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ (੨) ਦੀ ਕਾਵਿ ੨। ਸਾਂਝੇ ਤੇ ਸਾਂਝੇ
4. ਸਾਹਿਤ ਦੇ ਰੂਪਾਂ ੨। ਪਰਿਭਾਸ਼ਾ
5. ਸਾਹਿਤ ਬਾਰੇ ਚਰਚਾ
6. ਪੰਜਾਬੀ ਸਾਹਿਤ ੨। ਵਿਕਾਸ (ਸਾਹਿਤ/ ਸਾਹਿਤ ਬਾਰੇ ੨੦੦੨-੨੦੦੩)

Class: B-SC II

Punjabi (Compulsory)

3rd Semester / ਤੀਜਾ ਸਮੇਂ

1. ਪੰਜਾਬੀ ਬਾਰੇ ਮੇਰੇ ਚੁਣੇ ਸ਼ਾਹ
2. ਤਾਮਿਲ ਸ਼ਾਹ ਮੇਰੇ ਮੁਕਾਬਲੇ ਵਾਰੇ ਚੁਣਾ
3. 'ਬੇਬਾ - ਬਾਬਾ' ਦਿਲੀਪੀਆਂ ਪੀਤੀਆਂ ਪੰਜ ਰਾਈਆਂ ੨। ਪਾਠ, ਦਿਲੀਪੀਆਂ
ਮੇਰੇ ਮੁਕਾਬਲੇ
4. ਸੋਢੀਆਂ ਮਾਠੀਆਂ ੨। ੨ ਸੰਵੇਦਿਤ ਰੇਖ / ਪੰਨਾ ਚੁਣਾ
5. ਸੋਢੀ - ਮਾਠੀਆਂ ਮੁਕਾਬਲੇ ਵਾਰੇ ਚੁਣਾ
6. ਸੋਢੀਆਂ ੨। ੨ ਸੰਵੇਦਿਤ ਮੁਕਾਬਲੇ ਵਾਰੇ ਚੁਣਾ

4th Semester / ਚੌਥਾ ਸਮੇਂ

1. ਦਰੀਦ ਬਾਰੇ ੨। ਦਿਲੀਪੀਆਂ ੩ (ਫਿਲਮੀਆਂ)।
2. ਤਾਮਿਲ ਸ਼ਾਹ, ਗੁਰਦਾਸਪੁਰ ਮੇਰੇ ਸ਼ਾਹ ਮੁਕਾਬਲੇ ਬਾਰੇ ੨। ਮੁਕਾਬਲੇ
3. ਸੋਢੀ ਸਿੰਘ ਸੀਰ ੨। ਰਾਈ 'ਸਾਂਝੀ ਰੇਖ' ਮੇਰੇ ਮੁਕਾਬਲੇ ਵਾਰੇ
ਰਾਈ 'ਮੁਕਾਬਲੇ ਚੁਣੇ' ੨। ਦਿਲੀਪੀਆਂ
4. 'ਬੱਤ - ਸਿਰ' 'ਸੋਢੀਆਂ' ੩ 'ਸੋਢੀ' ਰਾਈਆਂ ਵਾਰੇ ਚੁਣਾ।
5. ਮੁਕਾਬਲੇ ਮੁਕਾਬਲੇ

Course Outcomes of Public Administration Course in B.A

Semester-I

Paper : Basic of Public Administration

- The paper helps to understand the meaning, nature, scope and significance of Public Administration.
- It also helps to analyze the principles and functioning of organization.
- Public corporation, their meaning, features, control and autonomy in modern context is also incorporated in the syllabus.
- The Paper helps to understand the meaning, types & functions of Chief executive.
- Public relations meaning & its significance in contemporary governance apprise the students of its role in welfare state.

Semester-II

Paper : Theories of Public Administration

- The Paper helps to understand the theories of organization.
- It imparts elementary knowledge pertaining to personnel administration like recruitment, Training, placement, Human Resource management etc.
- It also helps to inculcate the knowledge relating formulation, execution and implementation of Budget.
- The basic relating to formulation, execution & evaluation of public policies is imparted to students.

Semester-III

Paper : Control Administration

- The Paper helps to understand Central Administration its evolution, institution and constitutional provisions.
- It imparts the knowledge pertaining to Central ministries.
- It also helps to understand the organization and functions of Public Service Commission.
- It inculcates the knowledge among the students regarding Comptroller and Auditor General of India and functioning of finance commission.

Semester-IV

Paper : State & District Administration

- The Paper helps to understand the constitutional framework of state administration.
- It also helps to understand the institution of Governor, Chief Minister & Chief Secretary.
- It imports the basic knowledge relating to Chief Secretary, Divisional Commissioner.
- The students also get a glimpse of organization and functions of District administration and various functionaries.
- The basic knowledge pertaining to Sub-Divisional administration is also provided to students.

Semester-V

Paper : Rural-Urban Administration

- The Paper appraises the students about the growth & evolution of Local Govt. in India.

- It imports the knowledge to students pertaining to development of Local Government in India after independence.
- It also inculcates the knowledge among the students regarding legislation for establishing local bodies in India.
- It also helps to understand the organization and functions of Rural and Urban local bodies in India.

Semester-VI

Paper : Emerging Issues in Public Administration

- The Paper helps to analyze the meaning of integrity, the reasons for decline and measure to restore integrity in public life.
- It also helps to understand the meaning of Corruption, institutional machinery to combat the corruption and its impact on governance.
- The Paper imparts knowledge relating to right to information, consumer act and its awareness among the students.
- It also analyze the relationship between generalist & specialists in administration and also between minister and civil/servants among the students.

Course Outcomes of Mathematics Course in B.Sc/B.A

Semester-I

Paper : Algebra

- Define symmetric, skew symmetric, hermitian, skew hermitian, unitary and orthogonal matrices.
- Find column rank, row rank, rank and inverse of the matrix with and without using elementary row operations.
- Find eigen values and eigen vectors of the matrix.
- State Cayley Hamilton theorem and use it to find the inverse of a matrix.
- Check the consistency of a system of linear equations.
- Establish the relationship between roots and coefficient of the matrix.
- Solve the cubic and biquadratic equations.

Paper : Calculus

- Define limit , continuity and differentiability of functions.
- Understand Leibnitz theorem and its applications.
- Understand all the methods to find the asymptotes(horizontal,vertical,oblique) to a curve
- Define curvature ,radius ,centre, circle and chord of curvature and calculate all these for a given curve.
- Trace the curve where the curve may be in any of the forms(Cartesian , parametric and polar)
- State and prove reduction formulae
- understand the concept of rectification and quadrature and its examples.
- Expand Maclaurin and Taylor's series.

Paper : Solid Geometry

- Define conics and its fundamental properties and establish connection between them.
- Determine polar equation of a conic and find tangent and normal to it.
- Understand all distinguishing features of sphere , circle and cone.
- Define central conicoids and have understanding of all the features.
- Define Paraboloids and generating lines and solve the related examples.
- Reduce second degree equation to a simpler form which is relatively easy to analyze.

Semester-II

Paper : Number theory and trigonometry

- Understand the terminology behind divisibility and find g.c.d and l.c.m. of numbers.
- Define linear congruences and understand the proofs of Fermat's and Wilson's theorem.
- Define complete and reduced residue system and appreciate the concept to solve congruences.
- Understand the proofs of Euler's theorem and Chinese remainder theorem and related examples.
- State and prove De-moivre's theorem and its applications in trigonometry.
- Define inverse circular and hyperbolic functions and establish the connection between their properties.

Paper : Ordinary differential Equations

- have knowledge of geometrical meaning of differential equations.
- Identify Exact differential equations and know the method of their solution.
- Solve the differential equation by representing it in an appropriate form.
- Define orthogonal trajectories in both polar and Cartesian coordinates.
- Solve linear equation with constant coefficient .
- knowledge of all the methods to solve the differential equations with variable coefficients.

- Solve the simultaneous differential equations .

Paper : Vector calculus

- define scalar and vector product , reciprocal vectors.
- define scalar and vector valued functions.
- define directional derivative and solve the related examples.
- define gradient and understand its geometrical significance.
- Define curl and divergence of vector valued function and solve related examples.
- understand orthogonal curvilinear coordinates,cylindrical and spherical coordinates.
- define vector integration and evaluate line , surface and volume integrals.
- understand Gauss , Green and Stokes theorems and solve the problems based on them.

Semester-III

Paper : Advanced Calculus

- Define continuity, Sequential continuity and uniform continuity and solve the related problems.
- Define differentiability and understand the proofs of all mean value theorems.
- Appreciate the geometrical importance of all the mean value theorems and its applications.
- Define Taylor's theorem with various forms of remainder and solve related problems.
- Define partial and total differentiation and understand the proofs of related theorems.
- Find maxima and minima of functions of two variables with some restrictions.
- Understand the geometrical terminology of the surfaces.

Paper : Partial differential Equations

- form partial differential equations and find its order and degree.
- find complete, singular and general solutions of differential equations of first order.

- solve linear and nonlinear homogenous and non homogenous equations with constant coefficients.
- reduce partial differential equations with variable coefficients to equations with constant coefficients.
- define hyperbolic , parabolic and elliptic type partial differential equations.
- reduce second order linear partial differential equations to canonical forms.
- solve characteristic equations and characteristic curves of second order partial differential equations.
- solve diffusion (Heat) equation in Cartesian coordinate system.

Paper : Statics

- compose and resolve the forces.
- understand the concept of moment and couple.
- state analytical conditions of equilibrium of coplanar forces.
- understand the concept of friction and centre of gravity.
- understand the concept of virtual work and solve related problems.
- understand the concept of wrenches , null lines , planes , stable and unstable equilibrium.

Semester-IV

Paper : Sequence and series

- State terminology of real numbers and define related terms.
- define interior points, isolated points, limit points, open sets, closed sets, interior and closure of a set .
- state and prove Bolzano weierstrass theorem and use it in proving other results.
- define compact sets and understand related results.
- define sequence , Cauchy sequence, subsequence and use Cauchy general principle of convergence.

- state and prove ratio test, Rabbe's test , logarithmic test , de Morgan and Bertrand's test , Cauchy root test, Gauss test , Cauchy's integral test , Cauchy's condensation test and their use in the test of convergence of series.
- Define alternating series and related test to the convergence.
- define multiplication of series and methods to check its convergence or divergence.

Paper : Special functions and integral transforms

- understand the power series method for the series solution of differential equations.
- define beta , gamma and Bessel functions and their properties.
- Establish recurrence relations and determine generating functions.
- solve Legendre and Hermite differential equations.
- apply Rodrigues formula for the solution of Legendre and Hermite polynomials.
- understand the concept of Laplace transform and fourier transform

Paper : Programming in C and Numerical methods

- Define data types, operators, Expressions, Input output functions
- use decision statements , logical and conditional statements, loops, Switch statements, case control structures, Arrays
- appreciate the use of pointers and arrays.
- find approximate solution of equations using bisection method, Regula falsi method, Secant method, Newton Raphson method.
- solve simultaneous linear equations using Gauss elimination method, Gauss Jordan method, Triangulization method, Crout's method.
- know the methods of Jacobi , Gauss Seidal.

Semester-V

Paper : Real Analysis

- Define Riemann Integral and will be able to understand related theorems
- Define improper integral and check them for convergence and divergence.
- Check the continuity, differentiability and integrability of integral of function of a parameter.
- Define metric spaces, neighbourhoods, limit points, interior points, open and closed sets, closure and interior, boundary points.
- Define subspace of metric space and understand the proofs of related theorems.
- Knows the concept of continuity, uniform continuity, compactness , connectedness.

Paper : Groups and Rings

- Define Groups, Subgroups , Cyclic groups, Normal subgroups, Quotient groups
- Define cosets and understand related examples and theorems.
- Define homomorphisms, isomorphisms, automorphisms.
- Define permutations and understand related theorems and examples.
- Define rings , subrings, Ideals, Integral domains, fields, Field of Quotients.
- Define Euclidean domains , principle ideal domains , unique factorization domains and establish relations between them.
- Define polynomial rings and check the irreducibility of polynomials.

Paper : Numerical Analysis

- Define finite difference operators and establish relationship between them.
- Know the techniques of interpolation with equal intervals and formulae of Newton's forward and Newton's backward interpolation.

- Know the techniques of interpolation with unequal intervals and formulae of Lagrange and Hermite.
- know Gauss's forward and Gauss's backward interpolation formula.
- Understand the concept of Numerical Integration and related theory.
- Understand the concept of Numerical Differentiation and related theory.

Semester-VI

Paper : Real and complex Analysis

- Define Jacobians, Beta and gamma functions, Double and triple integration.
- Define Fourier series and solve related examples.
- Define Analytic functions and check their differentiability.
- Understand the concept of Translation, Rotation and magnification.
- Define mobius transformations , cross ratio, inverse points and solve related examples.

Paper : Linear Algebra

- Define vector spaces, Subspaces, Sum and direct sum of subspaces.
- Understand the concept of linear Independence and basis and understand related theorems.
- Define Quotient space and find the dimension of different quotient spaces.
- Define linear transformation and solve related problems.
- Understand the concept of rank and nullity.
- give matrix representation of linear transformation and find eigen values and eigen vectors.
- Define Inner product space and understand related theorems and examples.

Paper : Dynamics

- Find velocity and acceleration along radial, transverse, normal and tangential directions.

- Find relative velocity and acceleration.
- Define Mass , Momentum, force and Newton's laws of motion.
- Understand the concept of work , power and energy.
- Understand the concept of projectile motion of a particle in a plane.

Course Outcomes of Computer Science Course in B.Sc

Semester- I

Paper : Computer And Programming Fundamentals

At the end of this course, the student will:

- Know the basic components of computer and functionality of each components of computer.
- Design algorithm, flowchart and decision table.
- Know the difference between assembler, compiler and interpreter.
- Know about the various types of memory used in the computer system
- Understand the functions of Operating system.
- Understand different types of searching, sorting and merging algorithm

Paper : PC Software

At the end of this course, the student will:

- Understand the basic concept and functioning of an Operating system.
- Know the basic features of MS-Word
- Understand the concept of mail merge, hyperlink, book mark, tables and macros in MS-Word.
- Understand the concept of worksheet
- Design the worksheets using different formulas and functions.
- Under the concept of PowerPoint presentation.
- Understand how to add different animations and sound effects in a presentation.

Semester- II

Paper : Programming in C

At the end of this course, the student will:

- Understand the fundamentals of C programming language.
- Choose the loops and decision making statements to solve the various programming problems.
- Understand the concept of various types of data handling techniques.
- Use of modular approach to solve the complex problem
- Understand the concepts of storage classes.
- Know about to use recursion to solve the problem in an efficient manner.

Paper : Logical organization of computers

At the end of this course, the student will:

- Understand different number systems, Coding techniques, Logic gates, Boolean algebra.
- Solve the problem using K-Map.
- Understand different types of sequential and combinational logic.
- Design and implement different types of Registers, counters, multiplexers, de-multiplexers.
- Understand adder, subtractor, Comparators and code convertors.
- Understand different coding techniques.
- Designing truth tables for different circuits.

Semester-III

Paper : Data structures

At the end of this course, the student will:

- Know the basic components of computer and functionality of all data structures.
- Learn how to store string in a computer.
- Study the concepts and utilization of arrays.
- Study different Storage Classes.
- Understand the purpose of different data structures.

- Learn to use Stack, Queue and Linked List.
- Understand Searching, Sorting and merging algorithm

Paper : Software Engineering

At the end of this course, the student will:

- Understand the basic concept of Software engineering and various matrices to evaluate the parameters.
- Learn various models for the solution of a problem.
- Understand the various life cycles in process of software development.
- Learn about the importance of specifications and Feasibility Study.
- Study the role of system analyst in designing software.

Semester-IV

Paper : Programming in C++

At the end of this course, the student will:

- Understand the Basic concepts of object oriented programming languages.
- Studies concepts of OOPs in C++ like classes, inheritance, polymorphism, and encapsulation.
- Understand the concept of various types of operators in C++.
- Learn how operators can be modified to perform various user defined operations by using operator overloading.
- Understand the concepts of storage classes and scope of variables.
- Understand the concepts of objects and pointers.
- Learn functional overloading to create uniform plate-form for the same type of functions.

Paper : Operating System

At the end of this course, the student will:

- Understand concepts of different types of operating system.
- Learn the various methods to achieve multiprogramming environment.
- Understand the concepts of CPU Scheduling.
- Study how different CPUs work together in multiprocessor environment.
- Understand how can we prevent and recover from a deadlock.
- Understand the various methods of process synchronization.

Semester-V

Paper : Fundamentals of Database Systems

At the end of this course, the student will:

- Have a broad understanding of database concepts & DBMS.
- Have a high- level understanding of major DBMS components & their function.
- Be able to model an application data requirements using conceptual modelling tools like ER diagrams & design database schemas based on the conceptual model.
- Can apply knowledge of computing appropriate to the discipline.
- They can analyze a problem & identify & define the computing requirements appropriate to its solution.
- Students can design, implement & evaluate a Computer – based system, process, component or program to meet desired needs.
- They can use current techniques, skills & tools necessary for computing practice.

Paper : Web Designing

Upon completion of this course, the student will be able to:

- Create an information architecture document for a website.
- Construct a website that conforms to the web standards of today.
- Publish the website to a remote server using FTP.
- Select & use appropriate technology tools to efficiently & effectively complete a task or project.

Semester-VI

Paper : Relational Database Management System

Upon completion of the course, students will be able to:

- Understand & effectively explain the underlying concepts of database technologies.
- Design & implement a database schema for a given problem- domain.
- Normalize a database.
- Populate & query a database using SQL DML/DDL commands.
- Declare & enforce integrity constraints on a database using RDBMS.
- Programming PL/SQL including stored procedures & functions.

Paper : Computer Networks

At the end of the course, the students will be able to:

- Build an understanding of the fundamental concepts of Computer networking.
- Familiarize the student with the basic taxonomy & terminology of the Computer networking area.
- Introduce to advanced networking concepts, prepare the student for entry Advanced courses in Computer networking.
- Understand & building the skills of sub netting & routing mechanisms.
- Have familiarity with the basic protocols of Computer networks & how they can be used to assist in network design & implementation.

Course Outcomes of Computer Application Course in B.C.A

Semester-I

Paper : Computer and Programming Fundamentals

At the end of this course, the student will:

- Know the basic components of computer and functionality of each components of computer.
- Design algorithm, flowchart and decision table.
- Know the difference between assembler, compiler and interpreter.
- Know about the various types of memory used in the computer system
- Understand the functions of Operating system.
- Understand different types of searching, sorting and merging algorithm

Paper : Window and PC Software

At the end of this course, the student will:

- Understand the basic concept and functioning of an Operating system.
- Know the basic features of MS-Word
- Understand the concept of mail merge, hyperlink, book mark, tables and macros in MS-Word.
- Understand the concept of worksheet
- Design the worksheets using different formulas and functions.
- Under the concept of PowerPoint presentation.
- Understand how to add different animations and sound effects in a presentation.

Paper : Mathematical Foundation-I

After completion of this course students will be able to:

- Learn about the sets, subsets and operations on them.
- Use permutation and combination in every field.
- Understand the continuity of a function, differentiation which is useful in engineering and physics.
- Get knowledge about the differential equations of first order and second order and method to solve them.
- Solve the homogeneous and non-homogeneous differential equations.

Paper : Logical organization of Computer-I

At the end of this course, the student will:

- Learn about the Number system used in Computers, their representations, what is the concept of Codes, Character representation, Truth tables, Venn diagram, Gates, implementation of circuits, Encoders, decoders, multiplexers etc.

Paper : Programming in 'C'

At the end of this course, the student will:

- Learn about the programming language 'C', their structure, concepts, functions, various statements operators and their expressions. Looping concepts, various storage classes with concept of Array.
- After this paper a student is capable for designing their own project and clears the concepts of various programming languages.

Semester-II

Paper : Advanced Programming in 'C'

At the end of this course, the student will:

- Understand the fundamentals of C programming language.
- Choose the loops and decision making statements to solve the various programming problems.
- Understand the concept of various types of data handling techniques.
- Use of modular approach to solve the complex problem
- Understand the concepts of storage classes.
- Know about to use recursion to solve the problem in an efficient manner.

Paper : Logical organization of Computer-II

At the end of this course, the student will:

- Learn about the Logic circuits in advance , Sequential circuits with concepts of SIPO and PIPO,Counters with memory representations

Paper : Mathematical Foundation-II

After completion of this course students will be able to:

- Apply algebraic ways of thinking
- Demonstrate knowledge and understanding of fundamental concepts including groups, subgroups, normal subgroups, homeomorphisms and isomorphism
- Demonstrate knowledge and understanding of rings, fields and their properties
- Solve systems of linear equations using the inverse of the coefficient matrix when possible
- Perform common matrix operations such as addition, scalar multiplication, multiplication, and transposition
- Recognize and use equivalent forms to identify matrices and solve linear systems

Paper : Office Automation Tools

At the end of this course, the student will:

- Learn about the concept of DTP.
- How to create stories in PageMaker software with publications.
- Learn about the document creation software MS-Word and presenting software PowerPoint.
- Improve their skills by using presenting software.

Paper : Structured System Analysis & Design

At the end of this course, the student will:

- Learn about the concept of System, types, life cycle of System.
- Learn how to purchase a system, how to analyse the cost and how to implement the system after testing.

Semester-III

Paper : OOPS using C++

At the end of this course, the student will:

- Understand the Basic concepts of object oriented programming languages.
- Studies concepts of OOPs in C++ like classes, inheritance, polymorphism, and encapsulation.
- Understand the concept of various types of operators in C++.

- Learn how operators can be modified to perform various user defined operations by using operator overloading.
- Understand the concepts of storage classes and scope of variables.
- Understand the concepts of objects and pointers.
- Learn functional overloading to create uniform plate-form for the same type of functions.

Paper : Data Structures

At the end of this course, the student will:

- Know the basic components of computer and functionality of all data structures.
- Learn how to store string in a computer.
- Study the concepts and utilization of arrays.
- Study different Storage Classes.
- Understand the purpose of different data structures.
- Learn to use Stack, Queue and Linked List.
- Understand Searching, Sorting and merging algorithm

Paper : Computer Architecture

At the end of this course, the student will:

- Learn about the concept of computer organization used by RISK & SISK concepts.
- Learn Micro operations using logic shift with data transfer and manipulations and various concepts of input output processing.

Paper : Software Engineering

At the end of this course, the student will:

- Understand the basic concept of Software engineering and various matrices to evaluate the parameters.
- Learn various models for the solution of a problem.
- Understand the various life cycles in process of software development.
- Learn about the importance of specifications and Feasibility Study.
- Study the role of system analyst in designing software.

Paper : Fundamentals of Database System

At the end of this course, the student will:

- Have a broad understanding of database concepts & DBMS.
- Have a high- level understanding of major DBMS components & their function.
- Be able to model an application data requirements using conceptual modelling tools like ER diagrams & design database schemas based on the conceptual model.
- Can apply knowledge of computing appropriate to the discipline.
- They can analyze a problem & identify & define the computing requirements appropriate to its solution.
- Students can design, implement & evaluate a Computer – based system, process, component or program to meet desired needs.
- They can use current techniques, skills & tools necessary for computing practice.

Paper: Computer oriented Numerical Methods

After completion of this course students will be able to:

- Understand the derivative of functions with higher order and methods to solve them.
- Get knowledge about the tangents and normal in Cartesian coordinates.

- Understand the intersection of curve and its asymptotes, Asymptotes in polar coordinates. Multiple points: cusp, nodes and conjugate points, types of cusp, test for concavity and convexity. Points of inflexion.
- Trace the curves in Cartesian, parametric and polar coordinates.

Semester-IV

Paper : Advanced Data Structures

At the end of this course, the student will:

1. Learn about the advanced concept of Tree, binary Tree, various algorithms used in tree.
2. Concept of graph, sorting and files used in making the projects.
3. This paper enhances the skills of students in view of making live projects based on coding.

Paper : Advanced Programming using C++

At the end of this course, the student will:

- Learn about the advance concepts of polymorphism used in projects, various conversions, and types of inheritance.
- Learn how this concept used in projects, various concepts related to pointers.

Paper : E-Commerce

At the end of this course, the student will:

- Learn about the concept of E-Commerce, how to deal with E-Commerce websites, types of E-Commerce & their impact on society.

- Enhance their skills by using various E-Governance websites.
- Learn the concept of E-Cash, E-Money and E-Wallet.
- This paper gives the broad idea about how we deal electronically on the internet for purchasing goods and services.

Paper : RDBMS

At the end of this course, the student will:

- Learn about the concept of database, their rules.
- Learn how the database used as a backend, concept of Normalization how this concept makes the database stronger.
- Enhance the practical view by using SQL & PL/SQL.

Paper : Computer Oriented Statistical Methods

After completion of this course students will be able to:

- Understand the partial differential equations and methods to solve them.
- Use of Reduction formula in equations
- Understand rectification of curve represented in Cartesian, parametric and polar forms
- Learn about the Beta and Gama functions, their properties and relationships
- Understand the Equation and simple properties of spheres, cones and cylinders.

Paper : Management Information System

At the end of this course, the student will:

- Learn about the concept of MIS, how MIS works with DSS TPS, How the students used the concepts of MIS in the working environment.
- MIS enhance the skills of students for developing their own MIS for the platform where students work.

Semester-V

Paper: -Web Designing Fundamentals

At the end of this course, the student will:

- Learn about how to design their own website by using HTML as a front end.
- Also enhance their skills by knowing how to upload the web pages on the internet.

Paper : Operating System I

At the end of this course, the student will:

1. Learn about the concept of OS types, how OS plays a vital role in the computers. How computers works as a process mgt, memory mgt & device mgt.
2. Enhance their skills by using the virtual memory concepts.

Paper : Artificial Intelligence

At the end of this course, the student will:

1. Learn about the concept of AI, how computer better than human being, concept of Turing test, knowledge system building tools, concept of Expert system and their types searching types and how robotic concept enhance the knowledge of human being by using NLP.

Paper : Computer Networks

At the end of this course, the student will:

- Learn about the concept of networking, their types, routers, types of routers, models of networking transmissions used in network with various wireless transmission Medias.
- Learn the various concepts of Ethernet, extranet and other network terminology that helps them to design their own network.

Paper : Programming using Visual Basic

At the end of this course, the student will:

- Learn about the concept IDE i.e. Integrated development environment using VB, how projects are design using IDE in VB.
- Learn about the database connectivity in VB. How decision statements used in VB and their impact on programming languages.
- Learn how to use in development of various projects.

Paper : Multimedia Tools

At the end of this course, the student will:

- Learn about the concept of multimedia, how multimedia enhance the skills, animations used in projects as well as images types and their complexities with Audio visual aids.

Semester-VI

Paper : Web Designing Using Advanced Tools

At the end of this course, the student will:

1. Learn about the concept using animation with the help of JavaScript.

2. Enhance their skills by using the concept of DHTML as well as the software Front Page.

Paper : Operating System -II

At the end of this course, the student will:

- Learn about the concept of Process Synchronization, how to use the concepts of directory structure as well as distributed operating system.
- Learn the concept of LINUX and how it is used in system with various commands.

Paper : Computer Graphics

At the end of this course, the student will:

- Learn about the concept of Computer graphics, types and various graphics used in programming languages.
- Deeply get the skills used in 2-D as well as 3-D transformations with various algorithms.

Paper : Internet Technologies

At the end of this course, the student will:

- Learn about the concept of internet, its services with various search engines, concept of TCP, UDP, DNS, ARP, ICMP and other internet technology terms that enhance the skills of students.
- Learn the various routing protocols that improve the student's skills in the field of routing section of internet.

Paper : Advance Programming with Visual Basics

At the end of this course, the student will:

- Learn about the concept of collection menu, how menu bar used in VB and how to create the same. Database connectivity with Access as well as Oracle.
- Learn how to share the file in IDE environment.

Paper : Programming in Core Java

At the end of this course, the student will:

- Learn about the concept of java, how java is used as a programming language, connect of JVM, Classes, Objects, Strings implementation of inheritance types as well as applets in java.
- Be able to design their own projects using Java.

Course Outcomes of Physics Course in B.Sc

Semester I

Paper : Classical Mechanics and theory of Relativity

- Students learn concepts of mechanics of single and n- particles, conservation laws for linear momentum, angular momentum and energy
- Concepts of center of mass and constrained motion were studied
- Students learn concepts of generalized coordinate, velocity, acceleration, momentum, force and potential.
- Students learn Hamilton's variational principle, Lagrange's equation of motion and its application
- Students learn concepts of inertial and non inertial frames, rotating frames.
- Effect of centrifugal and coriolis forces due to earth's rotation were studied. Students Learn Lorentz Invariance, length contraction, time dilation, twin paradox, velocity addition theorem.
- Students learn mass energy equivalence

Paper : Electricity, Magnetism and Electromagnetic Theory

- Students learn about Scalar and vector fields, Curl and Divergence of a vector field and their physical significance, Poisson's and Laplace equation.
- Students learn properties of B, paramagnetic, diamagnetic and ferromagnetic theories, magnetic hysteresis curve.
- Students learn to derive Maxwell's equation of motion, boundary conditions and Poynting Theorem.

- Students learn analysis of a.c. circuit using j operator.

Semester: II

Paper : Mechanics and Electronic Devices

- Students learn concepts of Rotation of rigid body, Moment of inertia and
- calculate moment of inertia for solid sphere, shell, solid and hollow cylinder and solid rectangular bar.
- Students learn about various elastic constants and their relations.
- Torsion of cylinder and twisting couple, bending of beam, cantilever and centrally loaded beam was studied.
- Students learn about various assumptions of kinetic theory of gases, pressure on ideal gas, Kinetic interpretation of temperature.
- Degree of freedom, Law of equipartition of energy and
- its application for specific heat of gases were studied.
- Students learn Maxwell's distribution of speed and velocities.
- Most probable speed, average and r.m.s. speed and Mean free path were studied.
- Students learn about various transport phenomenon(energy, momentum and diffusion of gases)

Paper : Semiconductor Devices

- Students learn about semiconductors, their types and their characteristics.
- Students learn various application of semiconductors like photodiode, solar cell, half – full wave rectifier, zener diode as voltage regulator
- Students learn various types of transistors, their configurations and characteristics.
- Students learn Transistor Biasing, D.C load line, Classification of amplifiers and feedback in amplifiers

- Students learn Oscillator condition, principle, Barkhausen criterion for oscillation and working of various oscillators

Semester: III

Paper : Computer Programming and Thermodynamics

- Students Study Algorithms, Flowcharts and their interpretation and various executable, non-executable, input and output statements.
- Students learn to develop algorithms and flow charts for various practical mathematical problems.
- Students understand zeroth first and second laws of thermodynamics.
- The phenomena of liquefaction of gases and cooling by adiabatic demagnetization are discussed.
- Students derive Clausius-Clapeyron and Clausius latent heat equation and
- understand their significance and deduce Joule-Thomson Effect

Paper : Wave and optics-I

- Students learn Interference by Division of Wave Front and
- difference between Bi-prism and Lloyd mirror fringes and phase change on reflection.
- Students study Interference by division of Amplitude and
- Michelson's Interferometer and its various applications.
- Students learn about Fresnel's Diffraction, rectangular slit and circular aperture and diffraction due to a narrow slit and wire in detail.
- Fraunhofer diffraction and its various types are studied in detail.
- The prism and grating spectra are also differentiated between.

Semester : IV

Paper : Statistical Physics

- Students learn concepts of Probability, constraints, accessible states and statistical fluctuations.
- The relation between entropy and probability is established
- The students learn to categorize systems based on three types of statistics. M.B. Statistics and Maxwellian distribution was studied
- The Bose-Einstein and Fermi-Dirac energy distribution law are studied. M.B. distribution is understood as a limiting case of B.E. and F.D. distributions and
- the three statistics are compared.
- Dulong and Petit Law and Einstein's theory of specific heat are studied.
- The Einstein and Debye Theories are compared.

Paper : Wave and Optics II

- Students learn about various forms of polarization and analysis of Polarized light.
- Fresnel's theory of optical rotation and specific rotation is also studied.
- Students learn the Fourier theorem and Fourier analysis and
- various applications of Fourier theorem for analysis of triangular and rectangular waves.
- Students study Fourier transform and its properties and
- application of Fourier transform to various functions.
- Students learn various optical aberrations and their remedies,
- Theory behind Fibre Optics, their applications and advantages.

Semster-V

Paper : Quantum and Laser Physics

- Students will learn basic concepts of quantum mechanics like de- Broglie hypothesis, group and phase velocity,
- Heisenberg's uncertainty principle, time dependent- independent Schrödinger wave equation,
- Eigen values and Eigen functions
- Students will learn to solve problems like one dimensional box, one dimensional step potential, one dimensional potential barrier, harmonic oscillator using Schrödinger wave equation.
- Students will learn main features of laser like directionality, high intensity, and high degree of coherence.
- Threshold condition for laser emission and line broadening was studied.
- Students will learn principle, construction and working of He-Ne, Ruby and semiconductor Laser and their applications.

Paper : Nuclear Physics

- Students learn about nuclear properties like size, spin, parity, statistics, magnetic dipole moment and quadrupole moment
- Alpha-decay, beta-decay, gamma decay and their energetic are studied.
- Interaction of light charged particles; gamma rays with matter are studied.
- Working and Construction of various types of nuclear accelerators and various nuclear radiation detectors are studied.
- Students understand various types of nuclear reactions, elastic and inelastic scattering and conservation laws governing nuclear reactions.
- The general aspects of reactor design are studied.

Semester-VI

Paper : Solid States and Nano Physics

The historical background of atomic spectroscopy is studied.

- Wilson Somerfield quantization rule and Somerfield relativistic correction are derived.
- The Vector Atom Model for single valence electron and for two valence electrons are studied.
- The spin orbit interaction for penetrating and non-penetrating orbits is understood
- The Alkali spectra and Hydrogen Spectra are studied in detail and compared with each other.
- The Interaction Energy in L-S coupling and JJ Coupling is calculated.
- Normal and anomalous Zeeman effects were understood.
- The Electronic, Rotational and Vibrational Spectra were studied.

Paper : Atomic and molecular spectra

- Historical background of spectroscopy
- Vector atom model of one and two valence electrons
- Coupling Schemes

Course Outcomes of Electronics Course in B.Sc

Semester I

Paper : Electronic Devices and Circuits-I

- Students studies about various basic laws and theorems of Electronics.
- Gains knowledge about basic components Diode , transistor etc.

Paper : Network Analysis

- Studies about various types of networks
- Gains knowledge about circuit analysis.

Semester II

Paper : Electronic Devices and Circuits –II

- Students enable to know about basic application of Diode and Transistor.

Paper : Nomenclature:-Digital Electronics-I

- Studies about the number systems, binary structures and basic and fundamental gates.

Semester III

Paper I : Opamp and Linear Integrated Circuits-I

- Students obtains knowledge about basic application of Integrated Circuits
- Gets knowledge about Operational Amplifier etc.

Paper : Digital Electronics-I

- Students enable to get knowledge about various applications of combinational circuits.

Semester IV

Paper : Op-amp and Linear Integrated Circuits-II

- Studies about the Combinational Circuits and their applications.

Paper : Digital Electronics II

- Gets knowledge about different memories and their application.

Semester V

Paper : Microprocessor Architecture and Programming-I(Th)

- Studies about the basic building blocks of microprocessor.
- Gather requirement specifications, design and test electronic systems.
- Apply Electronic Design Automation (EDA) tools to design linear and digital IC systems.

Paper : Electronic Communication(Th)

- Students obtain knowledge about the means and process of communication.
- Studies about various types of communication and its applications.

Semester VI

Paper : Microprocessor Architecture and Programming-II(Th)

- Studies about peripheral devices of microprocessor and their applications

Paper : Introduction to C & its Programming(Th)

- Studies about peripheral devices of microprocessor and their applications.
- Design project on applications of Microprocessors.
- Studies about C language.
- Specify, design and test power supplies for electronic systems including battery management, and power amplifiers.

Course Outcomes of Botany Course in B.Sc

Semester-I

Paper : Diversity Of Microbes

- The learning outcome is an advanced academic education to broaden the knowledge in comparison to that obtained in 10 + 2 level.
- The acquired knowledge provides professional qualification for work in biological laboratories and research centers.
- After completion of course the students will understand the general characters, economic importance and life cycle of various groups of fungi, fungi, bacteria and viruses.

Paper : Cell Biology

- This paper would help the students to know the role of chromosomes and chromosomal rearrangements in generation of variations.
- They will also be familiar with methods used to change the traits of a plant to create the desired genotype/phenotype.

Semester-II

Paper : Diversity Of Archegoniates

- After studying this paper students will be able to classify bryophytes and pteridiophytes.
- They will also be able to distinguish these from other groups of plants.
- They will also be able to understand origin and evolution of sporophyte in bryophytes and sporophytes.

Paper : Genetics

- The students are expected to have better understanding of basic life processes.
- It will also impart knowledge about the regulation of various metabolic pathways.

Semester-III

Paper : Biology and Diversity of Seed Plants-I

- After studying this paper students will be able to classify gymnosperms and angiosperms.
- They will also be able to describe heterospory, origin of seed habit and evolutionary trends.
- Besides above, they will also be able to understand the phenomena of apogamy and apospory.

Paper : Plant Anatomy

- The students will be able to describe the structure and development of reproductive structures and the process of reproduction in plants.

Semester-IV

Paper : Biology and Diversity of Seed Plants-II

- The students will be able to understand the different systems of classification of angiosperms.
- They will also be able to identify the plant sources of medicines, spices, oil, fibres, dyes, gum and timbers.

Paper : Plant Embryology

- The students will be able to describe the structure and development of reproductive structures and the process of reproduction in plants.

Semester-V

Paper : Plant Physiology

- The students will be able to understand the recent advances in phytohormones, fruit and seed physiology.
- They will also be acquainted with advances in senescence and abscission also.

Paper : Ecology

- By understanding the concepts of ecological principles and environmental issues, the student will be able to develop attitude, value system and ethics towards environment related issues.

Semester-VI

Paper : Biochemistry and Plant Biotechnology

- The students will be able to understand the physiology and basic metabolism of plants.
- They will be able to answer the questions regarding water transport, absorption, mineral nutrition, photosynthesis, respiration and nitrogen metabolism.
- The students will have better understanding of genetic engineering, PCR, genetic transformation and transgenic plants.

Paper : Economic Botany

- The students are expected to have better understanding of origin of agriculture.
- They will also be able to identify the plant sources of medicines, spices, oil, fibres, dyes, gum and timbers.

Course Outcomes of Zoology Course in B.Sc

Semester-I

Paper : Life and Diversity from Protozoa to Porifera and Cell Biology-I

- This paper helps in understanding the evolution of life from most primitive forms.
- The study will also make the students reveal the dynamics and structural organization in the living cell along with the gratified principles by which the cell functions.

Paper : Life and Diversity from Coelentrata to Helminthes and Cell Biology-II

- This paper deals with the study of biodiversity and economic importance of coelenterates and helminthes.
- It also emphasis upon the life history, mode of infection and pathogenesis of the helminth parasites.
- The study also helps the students to learn deeper aspects of cell functioning.

Semester-II

Paper : Life and Diversity from Annelida to Arthropoda and Genetics-I

- The study of annelids and arthropods reveals progressive evolutionary history and diversity of life forms.
- Students will be able to understand the basic principles of genetics.
- It also helps to create awareness about the extra chromosomal and cytoplasmic inheritance.

Paper : Life and Diversity from Mollusca to Hemichordata and Genetics-II

- It makes students to understand characteristic features and diversity of phylum mollusca, echinodermata and hemichordate.
- It creates awareness about the comprehensive biology of chromosomes, functioning of genetic material and advanced techniques in the field of applied genetics.

Semester-III

Paper : Life and Diversity of Chordates-I

- This paper is significant for understanding the diversity among protochordates, cyclostomes and pisces.
- It also deals with the functioning of organ systems of various phylums.

Paper : Mammalian Physiology-I

- It will provide the students a basic appreciation of the underlying principles of physiological mechanisms.
- It will help students in understanding of life processes.

Semester-IV

Paper : Life and Diversity of Chordates-II

- The aim of this paper is to impart appropriate understanding of diversity among phylum amphibian, reptilia, aves and mammals.
- It also focuses on the general characters and modifications among organisms belonging to different phylum.

Paper : Mammalian Physiology-II

- The study of mammalian physiology creates awareness regarding functioning of various physiological systems.
- It helps in understanding the underlying mechanisms involved in circulation, respiration, excretion, neural integration, chemical integration of endocrinology and reproduction and how these systems may be integrated into whole animal physiology.

Semester-V

Paper : Environmental Biology

- It exposes the students in understanding the environment around them.
- Information provided will give an insight about the ecosystem, its services and its efficient management.

Paper : Evolution and Developmental Biology

- It aims to provide the students basic insights about the origin and progression of life on earth.
- It helps students to understand the evolution of horse and man specifically.

Semester-VI

Paper : Aquaculture and Pest Management-I

- This will help to generate knowledge about the world fisheries and fishes of India.
- It imparts current and comprehensive information on the life cycle, nature of damage and control of pests of sugarcane, cotton, wheat, paddy and vegetables and thereby mitigating the economic and health damage caused by these pests.

Paper : Aquaculture and Pest Management-II

- The study of aquaculture and pest management would help in developing skilled personnel required for the aquaculture.
- This paper also helps to apprise the students about the stored grain pests and their efficient management with the help of biological and chemical agents.

Course Outcomes of Chemistry Course

Semester-I

Paper : Organic Chemistry

- To enable the students to have basic knowledge of stereochemistry of organic compounds and different types of chemical reactions.

Paper : Inorganic Chemistry

- Students will gain an understanding of periodic table, atomic properties and Valence bond theory.

Paper : Physical Chemistry

- To acquaint the students about Kinetic Theory of gases and properties of liquids like surface tension, refractive index, viscosity.

Semester-II

Paper : Organic Chemistry

- To demonstrate about the method of preparation and chemical reactions of alkenes, alkynes, dienes, alkyl halides and aryl halides.

Paper : Inorganic Chemistry

- Students will acquire knowledge about s- and p- block elements.

Paper : Physical Chemistry

- Students will learn about electrochemistry, to study EMF, pH and their applications.

After completing this course, students must have the basic knowledge of physical, inorganic and organic chemistry and will be able to apply the techniques learned in the laboratory to the society like testing of water purity, hardness of water etc.

Semester-III

Paper : Organic Chemistry

- To demonstrate about the method of preparation and chemical reactions of alcohols and phenols and Ultraviolet Spectroscopy.

Paper : Inorganic Chemistry

- Students will acquire knowledge about d-block elements and coordination compounds.

Paper : Physical Chemistry

- Students will learn about basic concepts of thermodynamics and chemical equilibrium.

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Semester-IV

Paper : Organic Chemistry

- To enable the students to have basic knowledge of Infra-red Spectroscopy and different reactions of aldehydes and ketones..

Paper : Inorganic Chemistry

- Students will gain an understanding about chemistry of lanthanides and actinides.

Paper : Physical Chemistry

- To acquaint the students about some vast concept of thermodynamics.

After completing this course, students must have the knowledge of Qualitative and quantitative inorganic analysis. Students will be able to apply the techniques learned in the laboratory to the society like testing of adulterants in the food items.

Semester-V

Paper : Organic Chemistry

- To understand the basic concepts of NMR Spectroscopy, mutarotation and osazone formation in Glucose and Fructose.

Paper : Inorganic Chemistry

- Students will be acquainted about metal-ligand bonding in transition metal complexes and magnetic and electronic properties of transition metal complexes.

Paper : Physical Chemistry

- Students will learn about basic concepts of quantum mechanics and spectroscopic techniques like Rotational, Vibrational and Raman Spectroscopy.

Semester-VI

Paper : Organic Chemistry

- Students will gain basic knowledge about synthetic detergents and claisen condensation reactions.

Paper : Inorganic Chemistry

- Students will attain knowledge about organometallic chemistry and Bio-inorganic chemistry.

Paper : Physical Chemistry

- Students will learn about photochemical reactions and colligative properties of the

solution.

After completing this course, students will be able to apply the techniques learned in the laboratory to the society like preparation of soaps and detergents, harmful effects of detergents on water bodies etc.

Course Outcomes of Bussines Administration Course in BBA

Semester I

Paper : Business organization

- Understanding the concept of business organization
- Having the knowledge of conceptual framework of corporate governance
- Detailed knowledge of sole proprietorship
- Getting an idea about partnership organization
- Understanding the concept and stages of company organization
- Overview of multinational companies
- Understanding the concept of cooperative organization
- Giving an idea on state ownership, non- profit organization and trade associations.

Paper : Business Accounting

- Students can understand basic terms of accounting and differentiate between accounting and accountancy.
- Knowledge of accounting principles and its use in Indian Accounting System.
- Practical use of Accounting procedures in daily life.
- Understanding of accounting procedures on its different stages.
- Calculation of profitability measures such as Gross profit and Net profit from trading and Profit & Loss account.
- Understanding of problems faced by accountant during accounting process and their resolution.
- Importance of Tally for SMEs for their accounting process.

Paper : Managerial economics

- Basic knowledge of Important terminology in managerial economics.
- To know about the concept of demand and different theories of demand.
- To know about the elasticity of demand and its various mode of computation.
- Apprehension of short run and long run production function

- To understand the important properties of indifference curve and isoquant curve.
- Computation of price, output and equilibrium under perfect competition.
- Computation of price, output and equilibrium under monopoly competition.
- Computation of price, output and equilibrium under monopolistic competition.
- computation of price, output and equilibrium under oligopoly
- Student will learn the concept of cardinal and ordinal utility.

Paper : Business Mathematics-I

After completion of this course, students will be able to :

- Understand and use equations, formulae, and mathematical expressions and relationships in a variety of contexts
- Apply the knowledge in mathematics (algebra, matrices, calculus, optimization) in solving business problems
- Demonstrate mathematical skills required in mathematically intensive areas in commerce such as Finance and Economics
- Demonstrate critical thinking, modelling, and problem solving skills in a variety of contexts

Paper : Hindi

- OFFICIAL LANGUAGE AND COMMUNICATION SKILLS
- Students will be able to understand fundamentals principles of Hindi language.
- They will acquire a deep Knowledge of official Hindi.
- Students were able to enhance their Knowledge /potential by writing essays/ articles on various issues.
- The students were made aware about the history of technical words and their community based usage.
- Through the method of translation they were prepared to represent themselves at a professional level.
- The students were made to understand the lexicology of corporate section.
- They were given practical as well as theoretical knowledge communication skills in Hindi.

Paper : Computer Fundamentals

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

- Understand the fundamental components that make up computer hardware & the role of each of these components.
- Understand the difference between an operating system & an application program & what each is used for in a computer.
- Describe examples of computers & state the effect that the use of Computer technology has had on some common products.

Semester II

Paper : Business Communication-I

- Understanding the basic concepts of communication along with nature and scope of it.
- Having the knowledge of listening presentation and writing skills
- To help the students explore their career professionally
- To improve their soft skills and develop their overall personality
- Understanding of basic grammar concepts and vocabulary to crack competitive examinations

Paper : Managerial Economics-II

After completion of course students will be able to:

- Understand the macroeconomic concepts relevant for taking prudent business decisions
- Understand the application of economic principles in the field of business management
- Get idea about theories of consumption and investment which effect the world economy
- Understand concept of monetary and fiscal policies and their role in economy
- Get an idea that how investors invest money in the market on the basis of their marginal efficiency of capital and rate of interest

- Learn the situation of the economy on the basis of theory of aggregate demand and aggregate supply
- Understand the role of GDP and GNP in enhancing the market value of goods and services in an accounting year

Paper : Principles of management

- Understanding the basic concepts of management along with nature of management
- Having the knowledge of scope of management
- Know about management by objectives
- Understanding the planning process and types of plans
- Know about decision making concept
- Elaborating the organizing concept and its structure
- Having knowledge of span of management
- Knowing about departmentation
- Defining the authority and responsibility relationship
- Differentiation of centralization and decentralization
- Understanding the need and importance staffing along with their selection and performance appraisal process
- Know about communication process, its network and barriers
- Elaborating the controlling process and techniques
- Understanding need of social responsibility and business ethics
- To know about the various approaches of development management thoughts

Paper : Analysis of financial statement

Student will able to know the process of analysis and interpretation of financial statements.

- They may understand the different types of ratios .
- Student will get know about short term and long term liquidity ratios and their significance.
- Understanding the concept of cash flow statement and learn about its preparation and analysis.

- This subject helps student in understanding the concept of fund flow statement and thier implication in real corporate world.

Paper : Understanding Social Behavior

- Understanding the basic concepts of sociology along with nature and scope of it.
- Having the knowledge of methods of sociology
- Know about fundamental concepts of sociology
- Knowing about the relationship between man and society
- Understanding the social structure of sociology
- Know about social institution and functions.
- Elaborating the social process
- Knowledge of socialization
- Having knowledge of social action of sociology
- Getting an idea about social changes
- Grasping the social problems and their causes and remedies
- Knowing about family, religion and marriage
- Understanding the caste of sociology
- Know about attitude formation, values and norms
- Elaborating the power and politics

Paper : Business Mathematics-II

In this course students will learn about

- The Cartesian coordinate system and the straight line to use in architecture field.
- Arithmetic, Geometric and harmonic progressions to use in daily life.
- Integral calculus that include definite and indefinite integral to use it in business.
- Logarithm, Law of operations, log tables to use them in computer applications.
- Compound interest,depreciation which is useful in the banking ,the economy, or business and finance.

Semester III

Paper : Micro Business Environment

After completion of course students will be able to:

- Study that how business environment helps an organization to develop its broad strategies and long-term policies.
- Get an idea that how organization analyze its competitors' strategies and thereby formulate effective counter strategies
- Get Knowledge about the changing environment which will keep the organization dynamic in its approach.
- Study how organization foresee the impact of the socioeconomic changes at the national and international level on its stability
- To explore how executives are able to adjust to the prevailing conditions and thus influence the environment in order to make it congenial to business
- To understand that how economic reforms have been introduced and have changed the environment of business organizations
- Understand the social responsibility of small business managers
- Get an idea that why there is need to disclose professionalization and business ethics by corporate organizations.

Paper : Understanding Human Behaviour

- Understanding the concept of human behaviour along with its nature
- Having the knowledge of transaction analysis along with its process
- Detailed knowledge of group behaviour
- Getting an idea about personality and its theories
- Understanding the concept and theories of emotions
- Overview of motivation along with its theories
- Understanding the concept of perception
- Having the knowledge of learning and its theories
- Detailed knowledge of memory and forgetting

Paper : Management of Accounting

- After completion of course students will be able to:
- Develop the ability to collect, analyze, and communicate quantitative and non-quantitative information to assist management in making more effective planning and control decisions related to accounting.
- Apply managerial accounting and its objectives in a way that demonstrates a clear understanding of ethical responsibilities.
- Prepare various costing schedules where an analysis of cost classification, behavior, and type is completed.
- Apply and analyze different types of activity-based management tools through the preparation of estimates.
- Analyze cost-volume-profit techniques to determine optimal managerial decisions.
- Prepare a master budget and demonstrate an understanding of the relationship between the components.
- Perform cost variance analysis and demonstrate the use of standard costs in flexible budgeting.
- Outline and apply management tools and techniques such as the balanced scorecard, operational performance measures, quality, and environmental cost management.

Paper : Fundamentals of DBMS & Oracle

At the end of this course, student will:

- Be able to model applications data requirements using conceptual modelling tools like ER diagrams & design database schemas based on the conceptual model.
- Analyze a problem, identify & define the computing requirements appropriate to its solution.
- Students can use current techniques, skills & tools necessary for computing practice.
- Can design & implement a database schema for a given problem- domain
- Declare & enforce integrity constraints on a database using RDBMS.
- Programming PL/SQL including stored procedures & functions.

Paper : Business Statistics-I

Student can learn about definition, scope, functions and importance of statistics.

- Understanding of limitations and distrust in use of statistics.
- Knowledge of types of statistical methods and analysis & how to collect data from primary and secondary sources.
- Data visualization using different types of graphs and understanding characteristics, merits & demerits of these graphs.
- Learn how group of data cluster around a central value using central tendency and understand descriptive statistics such as mean, mode , median, AM, GM, etc.
- Relation between different descriptive statistics.
- Learn how spread out our data is using dispersion and skewness using different methods.
- Relation between various measures of dispersion, moments and kurtosis.
- Technique of selecting a suitable sample using Sampling, types of sampling and reliability of these methods.
- Meaning and importance of business forecasting.
- Introduction to Index numbers and methods of constructing index numbers.
- Practical knowledge of all statistical techniques in Microsoft Excel.

Paper : Business Communication

- Understanding the concept of business communication
- Knowledge of skills of communication
- Giving information on barriers of communication
- Giving an idea on commercial letters
- Knowledge about writing business and academic reports
- Understanding the concept of public speaking
- Knowing about listening and negotiating
- Knowing about the interviews and meeting
- Giving an idea on mechanisms of writing skills
- Understanding the concept of effective listening
- Knowledge about the telephonic and face to face conversation
- Understanding the concept of organization communication

Semester IV

Paper : Human Behaviour at work

- Understanding the basic concept and nature of Human Behaviour
- Having the knowledge of Group along with Group development Process
- Detailed knowledge of Group Dynamics at Work Place
- classification of Team
- Understanding the concept of Interpersonal Communication
- Know about Verbal and Non Verbal Communication
- Elaborating 7 C's of Effective Communication
- Having knowledge of different Theories of Communication
- Getting an idea about Interpersonal Trus
- Understanding Career Roles and Role Identity

Paper : Financial Management

- Understanding of importance of Financial Management subject for students.
- Knowledge of financial management as a functional area of management.
- Understanding of three core decisions of financial management i.e. investing, financing and dividend decisions.
- Implications of core financial decisions.
- Importance of key objective of firms i.e wealth maximization of all stakeholders.
- Learn the concept of cost of capital and accordingly proceed with the financial planning of firm.
- Capital Budgeting process and the importance of investment decisions.
- Understand how to decide Capital Structure and how a firm finances its overall operations and growth.
- Knowledge of different long-term sources of finance.
- Process of deciding dividend pay-out for the shareholders.
- Concept of working capital and its importance.

- Calculation of working capital for different businesses in different sectors.

Paper : Business Statistics-II

Introduction to importance and types of Correlation to understand interdependence of different variables.

- Introduction to Linear Regression and how it is used in determining the statistical relationship between two or more variable.
- Comparison of correlation & regression and properties of regression lines.
- Estimation of error and variance using total, explained and unexplained variance.
- Introduction to definition and significance of Probability and its types (Joint, marginal & conditional).
- Become familiar with terminologies of probability.
- Learn about theories of probabilities.
- Study of numerical data points in successive order i.e. Time Series, its components, analysis and measurement of trend.
- Understanding Hypothesis Testing by measuring and examining random sample of the population.
- Practical computation of all statistical techniques in Microsoft Excel

Paper : Macro Business Environment

After completion of course students will be able to:

- Understand the macro environment concepts relevant for taking prudent business decisions
- Understand the key environment variables will keep the organization dynamic in its approach
- Get idea about how executives adjust to the prevailing conditions and influence the environment in order to make it congenial to the business
- Understand concept of monetary and fiscal policies and their role in economy
- The importance of foreign trade in domestic economy and how to enhance its volume and direction in Indian market

- Understand the role of MNCs and their foreign government for collaborations with Indian Companies and Indian Government for better trade relations

Paper : Marketing Management

After completion of course students will be able to:

- Understand the psychology of customers and why their behavior pattern varies in market
- Know the marketing mix elements and how they influence an organization decisions
- Understand the evolving concepts in marketing
- Understand role of media in enhancing the value of marketing in economy
- Get an idea of marketing information system and methods of enhancing the value of information
- Understand the recent trends in areas of marketing and what are the latest marketing models used by the organizations to study the consumer market.

Paper : Material Management

- Understanding the basic concepts of materials management
- Having the knowledge of process of management
- Know about material planning and budgeting
- Knowing about the purchasing and procedure of purchase
- Elaborating the purchasing of capital equipment
- Know about value analysis and engineering
- Elaborating the quality assurance and control
- Knowledge of inventory management
- Having knowledge of stores management
- Understanding the issue of material and its valuation
- Know about the materials handling and maintenance
- Knowing about materials losses and management
- Elaborating the physical distribution logistics and transportation
- Know about operations research

- Elaborating the material management information system

Semester V

Paper : Business Law-I

- Complete understanding of The Indian Contract Act, 1872.
- Knowledge of major provisions of the act relating to Contracts, Indemnity and Guarantee, Pledge & Bailment and Agency.
- Understanding of Indian Sales of Goods Act, 1930, legal aspects relating to formation of contract of sales and their classification.
- Different aspects related to Sales of Goods Act such as Price, conditions and warranties, etc.
- Understanding of procedure of transfer of property in goods.
- Measuring performance of the contract of sales, unpaid seller and his rights.
- Negotiables Instruments Act 1981, : Importance and Implication.
- Learn about different type of Negotiable Instruments such as drafts and cheques.

Paper : Principle Of Production Management

After completion of course students will be able to:

- To gain an understanding and appreciation of the principles and applications relevant to the planning, design, and operations of manufacturing/service firms.
- To develop skills necessary to effectively analyze and synthesize the many inter-relationships inherent in complex socio-economic productive systems
- To reinforce analytical skills already learned, and build on these skills to further increase your "portfolio" of useful analytical tools for operations tasks.
- To gain some ability to recognize situations in a production system environment that suggests the use of certain quantitative methods to assist in decision making on operations management and strategy
- To understand how Enterprise Resource Planning and MRPII systems are used in managing operations

- To increase the knowledge, and broaden the perspective of the world in which you will contribute your talents and leadership in business operations.
- To understand the managerial responsibility for Operations, even when production is outsourced, or performed in regions far from corporate headquarters.
- Understand the core features of the operations and production management function at the operational and strategic levels, specifically the relationships between people, process, technology, productivity and quality and how it contributes to the competitiveness of firms.
- Get an idea on the various parts of the operations and production management processes and their interaction with other business functions (strategy, engineering, finance, marketing, HRM, project management and innovation)
- Develop the ability to identify operational methodologies to assess and improve an organizations performance

Paper : Principles of Banking

- Understanding the concept of bank along with its functions
- Having the knowledge of classification of banks
- Detailed knowledge of concept and functions of bank management
- Getting an idea about legal framework regulations of banks
- Understanding the bank regulations act
- Overview of Reserve Bank of India and its policies
- Elaborating functions, structure and recent developments in Central Banks
- Giving overview on banking forms
- Detailed knowledge of corporate banking
- Understanding the concept of rural banking
- Knowing about the retail banking
- Overview on banking reforms in banking
- Understanding the banker- customer relationship
- Detailed knowledge of payment and collection of cheques
- Knowledge about banking technology

- Knowing about the priority sector lending
- Giving an idea on evaluating bank performance

Paper : Fundamentals of E-Commerce

Upon successful completion of the course, the student will be able to:

- Demonstrate an understanding of the foundations & importance of E- Commerce
- Demonstrate an understanding of retailing in E-Commerce by analyzing strategies & assessing effects of disintermediation.
- Analyze the impact of E-Commerce on business models & strategy.
- Describe Internet trading relationships including Business to Consumer, Business to Business etc.
- Describe the key features of Internet, Intranets & Extranets & explain how they relate to each other.
- Discuss privacy issues in E-Commerce.
- Assess electronic payment systems.
- Recognize & discuss global E-Commerce issues.

Paper : Export Procedures And Documentation

After completion of course students will be able to:

- Communicate effectively using basic international business vocabulary with specific emphasis on terms associated with international trade and import / export operations.
- Select between common modes of export in order to fit the business needs of exporting organizations.
- Identify factors that indicate strong potential export markets in order to define market selection models or drive market selection systems.
- Identify major governmental and non-governmental sources of information and import/export assistance and apply that knowledge through development of marketing plans tied to global business activity and country-specific business conditions.

Semester VI

Paper : Business Law-2

After completion of course students will be able to:

- To study the role and importance of company in Indian Companies Act 1956
- To understand how articles and memorandum of association are important in studying the objectives and charter of company
- To have basic knowledge of procedure followed for issuing prospectus in the market which is required when you start your own company
- To analyze the legal rule and borrowing powers and qualities of directors and managers for setting up a new venture
- To gain knowledge of how to work under pressure in companies and how to deal with oppression and mismanagement.
- To have understanding of legal implications in formation of company and how to wind up the company in event of losses.

Paper : Entrepreneurship Development

- Students gain the understanding of Entrepreneurship development.
- Demonstration of qualities in student of Entrepreneurs.
- Relatedness of economic development and entrepreneurship development.
- Class room scenario creation for venture capital.
- Role of Government and non-Government agencies in Entrepreneurship development.
- Class room division for creating various stages in venture capital.
- Student analysis and decision making in various entrepreneurship stages.
- Various strategies to be adopted.
- Future and prospects of Entrepreneurship in India.
- Students take on pursuing entrepreneurship.
- Finally if there is any “Nayi Soch” then how to pursue.

Paper : Financial Services

After completion of course students will be able to:

- To study the role and importance of Financial services provided by financial institutions in modern world
- To get knowledge of saving and investment pattern related to various schemes of mutual funds, health and life insurance
- To have basic knowledge of procedure followed by credit rating agencies for rating and accreditation of companies
- To have understanding of how to protect yourself from credit and debit cards frauds, phishing, cyber attacks and various other issues
- To gain knowledge of various sources of finance for planning and controlling of funds

Paper : Principles of Insurance

- Understand the meaning of insurance .
- Students will be able to understand the meaning of General insurance corporation.
- Types of risks assumed and specific policies issued by general insurance companies.
- Different life insurance policies issued by LIC.
- Analysis the private sector life insurance companies.
- Methods to calculate the surrender values.

Paper : Environment Management

After completion of course students will be able to:

- To gain an understanding and appreciation of the principles and applications of environmental concepts in day to day life
- To study effectively analyze and synthesize the many inter-relationships inherent in complex ecosystem and food chain
- To study the concept of global warming and its effect on natural environment.
- To gain some ability to recognize tools and techniques related to conservation management and strategies for improving conservation practices

- To understand how environment ethics and its concepts can be utilized to educate the young masses about ethical and moral principles.
- To study the role of NGOs in environment protection and how environment audit can be used to analyze and scan the environment.
- Identify sources of information on export restrictions and documentation associated with foreign shipping in order to facilitate export compliance for the exporting organization.
- Identify major product decisions that are necessary for export markets in order to facilitate product adaptation to the markets in question.
- Communicate effectively using basic international business with specific emphasis on terms associated with international trade and import / export operations.
- Outline, relate and classify the impact of EXIM policy on International trade
- To discover and demonstrate different concepts of International Business ,especially for Export & Import.
- Appraise, assess and choose documents & logistics services and identifying markets for international trade
- Understood the framework of international trade documentation and logistics for both regulatory and commercial aspects
- Have understanding of marine insurance cover and limitations
- Assess the various terms and conditions of export and import finance

Paper : Logistic Management

After completion of course students will be able to:

- To study the role and importance of logistics in today's scenario
- To understand how supply chain management works and how it is helpful in starting your own venture in supply management
- To have basic knowledge of various components of logistics which provide effective consumer service to all the concerned parties.
- To analyze the system of inventory control management and how to keep stock safe and avoid its overstocking and black marketing

- To gain knowledge of how technology works in utilizing and maintaining logistics in the todays field of automation

Course Outcomes of Commerce Course in B.Com

Semester-I

Paper : Financial Accounting

- Basic understanding of different accounting terminology and difference between book keeping, accounting and accountancy.
- To know about the accounting principles and their use in Indian accounting system.

Paper : Micro Economics

- In this course we have also discussed the traditional and modern theories of cost.
- The students will also able to understand the price and output determination under monopoly and different markets.

Paper : Principles of Business Management

- Students are able to understand the history of management, process and functions of management.
- Students learned directing through motivation and its process.

Paper: Business Communications

- Understand the meaning and concept of business communication.
- Knowledge about the basic form of communicating, communications models and process.
- Knowledge about corporate communication, effective communication skills and practices in business communication.

Paper : Computer Fundamental and Logical Organisation

- Learnt about the basic and advanced computer concepts, hardware and software.
- Gaining understanding about the power point.
- Be familiar with the concepts of input output devices.

Paper : Business Data Processing and PC Software

- Learn about the practical knowledge and working with windows, desktop, ms word.
- How to manage the files, excel functions, charts etc.

Paper : Business Mathematics

- Understand the concept of logarithms, anti logarithms and solve related problems.
- Find the derivatives of functions and solve problems related to maxima and minima.

Paper : Computer Applications in Business

- To become familiar with computer basics terminologies, hardware and software's.
- To understand various applications and usage of computer in business field.

Semester II

Paper : Advanced Financial Accounting

- Understanding of fundamentals of partnership accounts
- Knowledge regarding concept of change in profit sharing ratio among existing partners.

Paper : Macro Economics

- Understand the nature, scope and variables of micro economics.

- Circular flow of income between various sectors with the help of using different models.
- Measures to overcome the inflation.

Paper : Fundamentals of Marketing

- Understand the environment which affects the marketing strategies of a firm.
- Knowledge regarding the behavior of customers and why they purchase a particular product.

Paper : Business Environment in Haryana

- Students are able to understand the economy of Haryana.
- Knowledge about agriculture sector of Haryana.

Paper : Programming in “C”

- Understand the fundamentals of C programming language.
- Understand the concept of various types of data handling techniques.

Paper : Business Data Processing and PC Software

- Learn about the concept of DTP.
- How to create stories in page maker software with publication.

Paper : Business Mathematics

- Understand the concept of permutations and combinations.
- Solved the system of linear equations graphically.
- Understand the concept of classification and tabulations.

Paper : E-Commerce

- Understanding the use of various technologies of computers used in today's business.
- Role of information technology act 2005 and other cyber laws.

Semester III**Paper : Business Statistics-I**

- Understand the meaning of statistics, knowledge of collection of data.
- Knowledge of methods of constructing price and quantity index numbers.
- How to test the adequacy of index number formulae.

Paper : Corporate Accounting

- Concept of various types of accounts maintained by a company.
- Knowledge regarding issue and redemption of shares and debentures.
- Understanding the concept of holding company accounts.

Paper : Principles of Marketing

- Understanding about the basic marketing concepts, consumer behavior, market segmentation etc.
- Product life cycles, product developments and pricing strategies.
- Understanding the distribution strategies.

Paper : Business Law

- Understanding the concepts in Indian Contract Act 1872.

- Learn about the Negotiable instrument Act 1881.
- Understand about the Right To Information Act 2005.

Paper : Foreign Trade Financing and Procedure

- Understanding the concept of INCO terms and methods of export payments.
- Various methods of pre and post shipment finance.
- Meaning, nature and scope of import finance.

Paper : Export Marketing

- Different modes of entering international trade.
- How to select the export markets.

Paper : Indian Financial System

- Understanding the financial system and markets.
- Knowledge about Capital markets and money market.
- SEBI role in regularizing the market activities.
- Understanding the working of various development banking such as IDBI, IFCI, SIDBI etc.

Paper : Rural Marketing

- Understanding the concept of rural marketing and its role in the development of country.
- Various factors that affects rural marketing.
- Problems and challenges faced in rural marketing.

Paper : Fundamentals of Database Management System

- Having a strong knowledge of database and DBMS system.
- Be able to model an application data requirement using conceptual modeling and ER diagrams and various tools.

Paper : Data Structure

- Know the basic components of computer and functionality of all data structures.
- Learn how to store string in computers.
- Study different storage classes.

Paper : Insurance Business Legislation and Fire Insurance-I

- Understand the concepts of probability in insurance, construction of mortality tables.
- Understanding the concepts of premium determination and various methods associated with it.
- Surrender values, policy holder accounts and claim settlement.
- Basics of fire insurance and other terminologies.
- Types of fire insurance policies, claim settlement.

Paper : Foreign Trade of India

- Composition, direction and formation of foreign trade in India.
- Discuss balance of payments and its problems.
- Learn product planning in international markets.

Semester IV

Paper : Corporate Accounting

- Gaining basic understanding about the calculation of goodwill.
- Valuation of Shares.
- Amalgamation and reconstruction.
- Understanding the construction of accounts of banking and insurance companies.
- Formation of consolidated balance sheets of Holding companies.

Paper : Business Statistics-II

- Knowledge of concept of correlation, and its various methods for calculations.
- Understanding the difference between correlation and regression and their variables.
- Understanding the types of probability.
- Binomial, Poisson and normal distribution theorems of probability.

Paper : Company Law-I

- Various basic concepts of Company law act 2013.
- Various types of companies and their working as per the rules lay down under the said act.
- Various provisions in relation to MOA and AOA.
- Doctrine of indoor management.

Paper : Insurance Business Regulation and Fire Insurance-II

- Understanding the source of surplus.
- Understand LIC, GIC and their relevance in insurance industry.
- Insurance Act 1938 and its various legislation.

- Marine insurance act and its various legislations.

Paper : Foreign Trade Financing and Procedure

- Explain the sources of finance for foreign trade.
- How to obtain long term finance from export bank.
- Determination of foreign exchange rate.

Paper : Elements of Export Marketing

- How to promote trade in abroad and mailing lists.
- Students will be able to analyze the legal aspects of exports contracts including INCO terms.
- Arbitration and how to settle it.

Paper : Advertising

- Knowledge of communication and advertising mix.
- Advertising media and agency.
- Measures the advertising effectiveness.

Paper : Computerised Accounting System

- Understanding CAS and its role.
- Requirement of CAS its significance and shortcomings as well.
- Creation of new company, accounts, journal entries.
- Inventory accounts, stock groups, stock categories, and stock items.
- Payroll accounting, TDS and other entries.
- GST features with entries.

Paper : Programming in Java

- Learn about the concept of java, programming language.
- Connect of JVM, objects strings.

Paper : Advanced Computer Application

- Learn about the concept of networking, types and how networking plays an important role in every institution.
- Enhance the skills on web browsers.

Semester-V**Paper: Income Tax-I**

- Understanding the concept of income tax and related terms
- Various heads of income.
- Calculation of income under the head salary, house property, business and profession, capital gains and other sources.
- Provisions regarding clubbing of incomes.
- Provisions related to set off and carry forwards of losses.

Paper : Material Management

- Understanding the concept, role and objectives of material management.
- Knowledge about material planning.
- Role of standardization in material management.
- Elaborating value analysis.
- Legal and ethical aspect of buying.

Paper : Cost Accounting

- Basics concepts and terms in cost accounting.
- Classification of cost accounts.
- LIFO, FIFO and other methods for maintaining inventory accounts.
- Unit and output costing, contract costing, process costing.
- Cost sheet advantages and formation.
- Contract costing.

Paper: Shipping and Insurance Practices and Procedures, And Foreign Trade Documentation and Procedures

- Need and role of foreign trade documents.
- How to obtain export and import licenses.
- Different types of shipping.
- Multi model transport system.

Paper: Industrial Marketing

- Basic concepts of industrial marketing and classification of industrial product.
- Understanding the segmentation of markets.
- Discuss the various approaches to pricing strategies.

Paper: Entrepreneurship Development

- Concept, nature, need and scope of ED.
- Contribution of entrepreneurs in the economic development.
- Having knowledge of different ED models.
- Feasibility study for setting up entrepreneurship.
- Planning of profit and tax.

- Role of Government support and various incentives and other agencies involved for the promotion of entrepreneurship development in India.

Paper : Company Law-II

- Students are able to understand about company member, transfer and transmission of shares and debentures, depository system.
- Learnt about directors, their legal position, qualification, appointment, removal, power and duties.
- Understanding about the Dividends accounts, audit, borrowing powers and debentures.
- Provision regarding winding up of the company.

Paper : Product And Liability Insurance And Group Insurance

- Understanding the risk and insurance liability and reinsurance.
- Concept of liability insurance indemnity contract and specific contract.
- Dwelling property losses and theft insurance.
- Residential insurance and industry property insurance.

Paper : System Analysis Ad Design

- Learn about the concept of systems, types and life cycle of system.
- How to purchase a system, analyses of cost and how to implement the system after testing.

Paper : Investment Managemnt

- Understanding the concept, role and objectives of investment management.
- Having the knowledge of Indian capital markets.

- Knowledge about investment alternatives.
- Gaining understanding of fundamental and technical analysis.

Semester-VI

Paper : Management Accounting

- Nature and scope of management accounting
- Discuss the changes that have taken place in the techniques employed by management accounting.
- Define and explain the meaning and types of all budgets.
- Formation of accounts under different types of budgets.
- Breakeven point analysis and profit volume graphs.
- Standard costing system and marginal costing system understanding.

Paper : Foreign Exchange Management

- Understand the basic terms under Foreign exchange management.
- Determination of exchange rate under different scenario.
- Examples on currency convertibility.
- IMF its functions, success and failures.
- Understanding the concept of SDR'S.

Paper : Income Tax-II

- Students shall be aware of tax deduction benefits and able to make tax saving decisions.
- Calculation of total incomes of individuals, HUF, firm, companies.
- Various offences and prosecutions prescribed under the income tax act 1961.
- Assessment procedure knowledge.
- Knowledge of various kinds of income tax returns.

- Advanced tax rules and provisions.

Paper: Security Market Operations

- Understanding the capital market structures.
- Knowing the role of primary and secondary markets.
- Understanding the concepts of derivatives, futures and options.
- How funds can be raised in capital markets.
- Knowledge of various kinds of money market instruments.

Paper: Shipping and Insurance Practice Procedure-II

- Basic knowledge about packaging and marking for exports.
- Knowing the role of clearing and forwarding agencies.
- Role of insurance and its various covers.

Paper: Foreign Trade Documentation And Procedure-II

- Basic knowledge about custom valuation.
- Methods of custom valuation.
- Understanding the procedure of custom clearances of exports and imports cargo.
- Knowledge of shipping goods procedure.

Paper : Retail Management

- Understand the concept and models of retail management.
- Interpret the retail strategic planning process.
- Explain the security issues in retailing.
- Analyzing the retail store design.

Paper : Auditing

- Understand the basic concept of auditing.
- Having knowledge of book keeping, accountancy and investigation.
- Classification of auditing.
- Internal control and role of auditors in internal control.

Paper : Social Networking And Data Analysis

- Learn about the concept of social networking and its impact on students learning.
- Understanding about the pros and cons of social networking

Paper : Product And Liability Insurance And Group Insurance

- Understand the problems of insurance of various educational institutions and their role in industry.
- Understand the loss adjustment and responsibilities of adjusters.
- Students get to know about the calculation of losses and other related computations.

Paper : International Marketing

- Understanding the concept of product planning and development.
- Decision making in test marketing.
- Understanding the concept of branding, packaging and labeling.
- Managing the distribution channels, logistics in international marketing.
- Selection and appointments of foreign selling agents.

Paper : Corporate Governance

- Understand the concept, role and importance of corporate governance.
- Having the knowledge of different theories and models.
- Knowledge of insider trading and its effects.
- Understanding CSR committee and its duties and role

Course Outcomes of Courses at Post-Graduation Level

Course Outcomes of M.A English

Semester I

Paper : Literature in English-I (1550-1660)

A postgraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- Demonstrate a clear understanding of primary literary texts and a familiarity with the culture, genre and works of the Elizabethan Age and its literature written between 1550-1660.
- Develop intellectual flexibility, cultural literacy, analytical power and critical faculty necessary in an academic environment, on the job and the world itself.
- Interpret and analyze the themes and critical ideas present in the literary texts and how these themes impact the society and the culture in all the ages.
- Develop their critical and creative thinking by studying and analyzing the major authors and prescribed texts.

Paper : Literature in English-I 1660 – 1798

A Post Graduate course offered by Department of English. Upon successful completion of this course, students will have the knowledge of

- Restoration period and the English society after the restoration of monarchy.
- The renunciation of old Elizabethan ideas and the influence of French.
- The literary aspects of drama and the dramatic and theatrical conventions of Restoration comedy.
- The Neoclassical Age and the influence of Romans and Greeks.

- The Age of Prose and Reason and the city life reflected in the literature of the age.
- The origin and development of English satire.
- The origin and development of the novel.
- The Transitional phase from Neoclassical to Romantic Age and the Age of Johnson.
- Appreciate the uniqueness of the literary and stylistic features of 17th century.

Paper : Literature in English-I 1798 – 1914 After the successful completion of this course the students will be able to

- Develop sensibility and emotions with the purpose to relish literature.
- Tell the tone and theme of poetry.
- Tell the significant features of the Romantic Period and poets.
- Tell the historical and social events of the Romantic period.
- Analyze the features of Victorian Age.
- Have a deeper knowledge of social transformation and emerging literary practices.
- Understand and interpret key Victorian texts.

Paper: Literature in English-I (1914-2000)

The student must have basic knowledge about the Literature & Language of the Era 1914-2000 after reading this paper:

- Basic understanding of concepts of Modernism, Post modernism, Existentialism and Absurd as landmark movements in Literature.
- Understanding the difference between realism, naturalism, symbolism etc; understanding the basic concepts of the various aspects of the Novel, figure of speech used in poetry and different narrative techniques etc.
- Student should be able to discuss and express his opinion on Literary works of T.S. Eliot, Nizzim Ezekiel, Arthur Miller, D.H. Lawrence, Albert Camus, Sylvia Plath, Margaret Atwood, James Joyce etc.

- Must understand the age and time in which the Literature of 1914-2000 was written – political movements, socio – economic system, type of governance, influence of various thinkers/philosophers/social scientists of those times on Literature.
- Must be able to relate the understanding of Literature of 1914-2000 to the present times.

Paper : Course-Study Of A Genre-I

The students will get to know the basic, essential and significant knowledge of various genres in English Literature.

- The course will expose students to the major research methods of the discipline.
- It will provide students the difference between realistic fiction and historical, between science fiction and fantasy, between a myth and a legend, or between narrative non-fiction and informational texts.
- Students interact with academic-style texts, including short stories, novels, textbooks, and articles.
- Students learn to be active readers and to examine text features and content and analyse all genres of literature as analysis is an increasingly important skill in 21st Century. They will be in a position to appreciate the literature they are reading.
- The course improves a student's confidence when students will be asked to write expository, narrative, argumentative, and analytical pieces. If students understand and can analyse different genres when they read them, they will better be able to understand an author's standpoint and they can, in turn, better navigate and utilize the text features.

Paper : Literature in English-II (1550-1660)

A postgraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- Demonstrate a clear understanding of primary literary texts and a familiarity with the culture, genre and works of the Elizabethan Age and its literature written between 1550-1660.

- Develop intellectual flexibility, cultural literacy, analytical power and critical faculty necessary in an academic environment, on the job and the world itself.
- Interpret and analyze the themes and critical ideas present in the literary texts and how these themes impact the society and the culture in all the ages.
- Develop their critical and creative thinking by studying and analyzing the major authors and prescribed texts.

Semester II

Paper : Literature in English-II 1660 – 1798

A Post Graduate course offered by Department of English. Upon successful completion of this course, students will have the knowledge of

- Restoration period and the English society after the restoration of monarchy.
- The renunciation of old Elizabethan ideas and the influence of French.
- The literary aspects of drama and the dramatic and theatrical conventions of Restoration comedy.
- The Neoclassical Age and the influence of Romans and Greeks.
- The Age of Prose and Reason and the city life reflected in the literature of the age.
- The origin and development of English satire.
- The origin and development of the novel.
- The Transitional phase from Neoclassical to Romantic Age and the Age of Johnson.
- Appreciate the uniqueness of the literary and stylistic features of 17th century.

Paper : Literature in English-II 1798 – 1914

After the successful completion of this course the students will be able to

- Develop sensibility and emotions with the purpose to relish literature.
- Tell the tone and theme of poetry.

- Tell the significant features of the Romantic Period and poets.
- Tell the historical and social events of the Romantic period.
- Analyze the features of Victorian Age.
- Have a deeper knowledge of social transformation and emerging literary practices.
- Understand and interpret key Victorian texts.

Paper: Literature in English-II (1914-2000)

The student must have basic knowledge about the Literature & Language of the Era 1914-2000 after reading this paper:

- Basic understanding of concepts of Modernism, Post modernism, Existentialism and Absurd as landmark movements in Literature.
- Understanding the difference between realism, naturalism, symbolism etc; understanding the basic concepts of the various aspects of the Novel, figure of speech used in poetry and different narrative techniques etc.
- Student should be able to discuss and express his opinion on Literary works of T.S. Eliot, Nizzim Ezekiel, Arthur Miller, D.H. Lawrence, Albert Camus, Sylvia Plath, Margaret Atwood, James Joyce etc.
- Must understand the age and time in which the Literature of 1914-2000 was written – political movements, socio – economic system, type of governance, influence of various thinkers/philosophers/social scientists of those times on Literature.
- Must be able to relate the understanding of Literature of 1914-2000 to the present times.

Paper : Course-Study of A Genre-II

- The students will get to know the basic, essential and significant knowledge of various genres in English Literature.
- The course will expose students to the major research methods of the discipline.

- It will provide students the difference between realistic fiction and historical, between science fiction and fantasy, between a myth and a legend, or between narrative non-fiction and informational texts.
- Students interact with academic-style texts, including short stories, novels, textbooks, and articles.
- Students learn to be active readers and to examine text features and content and analyse all genres of literature as analysis is an increasingly important skill in 21st Century. They will be in a position to appreciate the literature they are reading.
- The course improves a student's confidence when students will be asked to write expository, narrative, argumentative, and analytical pieces. If students understand and can analyse different genres when they read them, they will better be able to understand an author's standpoint and they can, in turn, better navigate and utilize the text features.

Semester III

Paper : Critical Theory- I

A Post Graduate course offered by the Department of English. Upon successful completion of this course, students will be able to

- Facilitate basic knowledge in English critical tradition from the beginnings to the Modernists.
- Identify major critical theories and theorists.
- Define and apply specific theoretical concepts to literary texts.
- Evaluate and analyze strengths and limitations of critical /theoretical arguments.
- Examine historical contexts for the development of contemporary theory and criticism.
- Ingrain the mind towards creative writing, appreciation, critical thinking and critical analysis.
- Provide an insight of practical criticism.

Paper: Course-American Literature-I

- Content knowledge: Students will be exposed to and demonstrate a broad knowledge of major and minor authors, major texts and contexts and defining intellectual issues of American literature, enriched by familiarity with the same in other European and/ or non-European literature and/ or cinematic traditions.
- They will be able to hone their skills in analysis, interpretation and research on American literature.
- Students will be able to write with clarity, creativity, and persuasiveness about the American writers.
- They would develop and demonstrate an awareness of the significance of literature and of literary form, and of the role they play in the larger culture by being conversant in debates concerning literature's values as a creative endeavour.
- Students would learn a range of research methods and how to incorporate source material into their writing so that it develops and supports their ideas.
- The students will study about traditional fields, interdisciplinary fields, including folklore, creative writing, rhetoric and composition, and the cultural studies of various ethnic and regional communities.
- They will be acquainted with representative genres, works, and authors in British and American literature and develop methods for critical interpretation through reading and writing.
- This course lays the necessary foundation for later courses in American Literature.
- The study of American literature, which involves reading, writing, thinking and discussion, contains important elements that can actually help students in their professional endeavours. Through close reading, students develop a more sophisticated vocabulary. They sharpen their critical thinking skills and learn to communicate effectively orally and in writing. So the students are supposed to become more proficient at reading, comprehending and analysing texts from American writers.

Paper : Indian Writing in English-I

The student must have basic knowledge about the Indian Literature in English after reading this paper:

- Basic understanding of nuances of English language in writing of Indian Literature; Bhartiya Brand of English or Toasted English; Linguistic differences between British English and Indian English.
- Basic knowledge of Cultural Pattern of Life by reading text like the Geeta, Mahabharat, Ramayana, Upanishad etc. which form a fundamental background to the Literature about Indian life.
- Understanding of various aspects of Indian Poetry, Novel and other Literary works; estimating the originality of Indian writing in English and fusion of the East and the West.
- Basic understanding of major Literary works of Kamla Das, Jayant Mohapatra, Sri Aurobindo, Raja Rao, Mulk Raj Anand, Anita Desai, A.K. Ramanujan, Arun Joshi, Amitabh Ghosh etc.

Paper : English Language-I

A postgraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- hone the four skills of learning English language i.e. listening, speaking, reading and writing.
- learn the correct pronunciation, accent and intonation of English words and sentences by studying phonetic transcription.
- become proficient in oral and written communication.
- have a thorough understanding and knowledge of English language by studying speech mechanism, history of English language, methods of English Language Teaching, formation of word structures, literary devices and figures of speech.

- Develop their critical and analytical powers through the study of critical appreciation of poetic and prose passages

Paper : Literature And Gender-I

Gender and Literature is an examination of selected literary texts and cultural conditions from the standpoint of gender theory.

- Students will learn various configurations and reconfigurations that determine gendered classifications such as masculinity and femininity.
- Students will interpret texts with attention to ambiguity, complexity, and aesthetic value, gender identity and gendered representation as central categories of analysis. This includes women's studies (concerning women, feminism, gender, and politics), men's studies and queer studies.
- Students will try to remove gender discriminations in various forms existing in our society.
- Gender and Literature is understood by the scholars coming from different strata as gender justice is needed everywhere.
- The proposed course on gender studies is an effort to comprehend the power relation, defining the male and female in socio-cultural context, flowing from entrenched patriarchy and power of dominance.
- It will help the students in understanding nuances of patriarchy, gender and its inter-linkages with various institutions which define social relations.
- Students will read diverse texts within their historical and cultural contexts, developing a critical understanding of how literature can both uphold and resist existing structures of power.
- Students will deploy ideas from literature in their own reading and writing.

Semester IV

Paper : Critical Theory – II

A Post Graduate course offered by the Department of English. Upon successful completion of this course, students will be able to

- Facilitate basic knowledge in English critical tradition from the beginnings to the Modernists.
- Identify major critical theories and theorists.
- Define and apply specific theoretical concepts to literary texts.
- Evaluate and analyze strengths and limitations of critical /theoretical arguments.
- Examine historical contexts for the development of contemporary theory and criticism.
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Course Outcomes of M.A Political Science

Semester 1

Paper : Western Political Thought

- Western political thought consists of political thinkers from the western countries, which were highly influenced by the contemporary political, socio-economic and other conditions of their societies.
- Western thought provides the basic fundamental understanding of the political thought, philosophy, theory and ideas, about the traditional, medieval and modern state system.
- With the understanding of the basic concepts of the course, students can contribute a lot for the welfare of humanity in the present scenario.
- It makes the students capable to understand the structure and nature of state system. It enables the readers to have a clear vision of state and its organs. It enriches the study and understanding of the different approaches of the Political Science in traditional and modern perspectives.
- It provides a base for the understanding of the working of the government and governing process in modern age.
- It makes the students aware about the relationship between state and individual, state and society and society and individual etc. It enhances the philosophical orientation and future perspective of the students.

Paper : Indian Govt. and Politics

- To understand the federalism and its working with reference to center-state relations,
- emerging trends in Indian Federalism, role and importance of election commission to establish democratically system in India.
- Drawbacks in electoral process and its reforms. Focus is main on the political parties, pressure groups and Interest Groups in democracy,

- impact and Role of caste, region, religion and language in India,
- the emerging trends and challenges before Indian Political System.

Paper : International relations theory

After successfully completing this course, students will understand and be able to critically analyze:

- Nature, scope and development of International Relations
- Types of International System & International Regimes
- The concept of Balance of Power, collective Security, Disarmament
- Domestic and international institutions of government
- The processes of decision making
- The content of political decisions
- The impact of political decisions on society
- The theoretical foundations of government and governmental decision-making
- The Foreign Policy with nature, types, Decision making and significantly the “Bargaining Theory in Foreign Policy”.

Paper : Public administration

The paper helps to understand meaning, nature and scope of Public Administration,

- Difference between Public and private administration
- Public Corporation, Line and staff agencies, Chief executive.

Paper : Research Methodology

Learning outcomes:

As a result of this course the students will be able to

- Provide a basic understanding of concept of social research i.e., its nature & types to make the students able for distinguishing various traditional approaches philosophical, institutional and Gandhian.
- Familiar with research related concepts like models, Paradigms & theories, conceptual & theoretical models.
- be aware about meaning, Goals & types of theories, construction of theory & Relationship between theory & Research.
- Have Basic understanding of the various concept like basic assumption of Methods, steps, limitations & scientific study of political science.
- to analyze various scientific methods i.e. Historical method comparative method, Analytical method &- psycho-analysis method .
- be aware about how to conduct a statistical test of hypothesis and to define the meaning of variables and to identify dependent, independent & mediating variables, and Generalization & laws
- be familiar with the various steps involved in identifying research problem and selecting a good sample to use in study.

Semester II

Paper : Indian Political Thought

- The course adopted in the 2nd semester. It consists of thinkers from ancient and modern India. It enhances the understanding of the students about the political, social, economic and other dimension of the society.
- The student study Manu, Kautilya, Swami Vivekanand, Gokhle, Tilak, Gandhi and other prominent thinkers. Basically the course provides in-depth knowledge of the Indian political thought and value structure of the society.

- It makes the students aware about the circumstances in which Indian thought took place and the objectives of the philosophy and thought in the political life of the masses.

Paper : Indian Government and Politics

- To understand the historical dimensions of the political culture, values, traditions and political legacies, social structure and the foundation of society.
- The role of pressure groups and political parties to build up democracy in India, politics of the defection, coalition politics, its role on Indian Polity; role and importance of planning for social and economic development.
- Role of election, media and public opinion to establish democratic system. Weakness in Indian Politics, impact of caste, religion, regionalism and language on Indian Politics,
- emerging trends in Indian Polity and problems of national integration in India.

Paper : International Relations- Issues

- The course helps the student to understand the evolution, scope and significance of International Relations and the rise of sovereign state system.
- Through the course the student analyze the history of International Relations through the causes and phases of colonialism, impact of the First World War and its causes and consequences, the post war developments through the emergence of the third world.
- The student understand the concept of power, national, regional, global and peace security. They will acquaint with the international organizations and their modules nations, understands the international political economy.
- The student can understand the emerging area in International Relations. The course has appreciates the Foreign Policy determinants, features and its relevance.
- There are four units in the course covering six to seven topics in each unit begins with the Global Order: starting of cold war, détente, end of cold war, emerging world order, theories of globalization and its impact too.

- The course also provides detail information regarding various issues, challenges of world like environment politics, conferences, human rights sources and problems, gender issues: theories, conferences etc.

Paper : Public administration

- The paper helps to understand bureaucratic theory modernization of bureaucracy and its type's personnel administration,
- Financial Administration, Development Planning and Administration, Current issues in Public Administration like Good Governance Crisis Management, Right to Information, Administrative Reforms etc
- .

Paper : Research methodology

Learning outcomes:

As a result of this course the students are able to get familiar with the basic concepts of identifying and formulating the research problem, various steps of formulation of research problem.

- Students are able to get basic understanding of the research design- its definitions various steps of research design; they will be made familiar with the overall process of designing a research from its inception to report.
- Students have become familiar with the process of data collection. Students will be able to understand the link between quantitative research questions and data collection and how research question are operationalized in educational practice.
- Students are made aware about the steps involved in qualitative data calculation.
- Students are made familiar with good practices in conducting interviews and observation for qualitative research.
- They are informed about how to distinguish between population & sample, various types of sampling.

- Students are made to explain various concepts like Analysis of secondary data Archival & library research, document analysis, scrutinizing the evidences, content analysis etc.
- Students are able to discuss various statistical techniques of data-Analysis quantification in social research meaning & purpose of statistics.
- Students are able to examine and analysis the various ways for presentation of data like – graphic tabular various methods for presentation of research like- paper writing, report writing, and thesis writing.

Semester III

Paper : Political theory

- Political theory is the course studied at Post-graduate level in political science. The course consists of traditional and modern political theory.
- It provides knowledge about the basic concepts and theories of the subject. It also includes the concept of ideology, end of history, theory of changes, communitarians, post-modernism and other modern concepts.
- It enables the students of basic ideas and different orientation of theories in Political Science. The course makes the students aware about the recent changes in the subject and their relevance for an organized society.

Paper : Comparative politics

- To understand the role and importance of political elites, political parties and pressure groups for Indian Democracy.
- Importance and function of Election Commission and electoral process in India. Need of the separation of power, concept of role of law, judicial review and bureaucracy, theory of social change, social movement and social structure of society.

Paper : India's Foreign Policy & Relations-II

- As India's influence increases in the international system, understanding its foreign policy and its engagement with the rest of the world is significant for students of International Relations.
- The syllabus is designed as a comprehensive review of some of the key issues related to India's world view and its behavior towards the external world.
- Apart from taking stock of contemporary thinking and policies of the country, historical background, structural and procedures of Making Foreign Policy;
- the major thrust would be on India's relations with its big neighbors and small neighbors, its relations with different region & Associations and major challenges to Foreign Policy like Nuclear and Defense Policy, Human Rights, Cross Border Terrorism etc and most importantly the assessment of Foreign Policy.

Paper : International Law

- The course focus on the Meaning and definition of War and its effects on Nations, role of enemy character, methods and techniques for settlement of the disputes, amicable and coercive, laws of war, land aerial and maritime warfare. Legality of war in the concept of International peace and security.
- Impact and the role of the termination of war, treatment of POWs, war crimes and prize courts.
- Role and importance of neutrality, blockade and contraband on international grounds, laws of sea, outer space and environment conferences to protect the world.

Paper : International organisation and global order

Learning outcomes:

As a result of this course -

- The students are familiar with the historical Evolution of International organization and various other concepts like concert of Europe, Hague system, public international law, various, Genesis of league.
- Students are able to analyze the reasons behind the failure of league and the origin of UN systems.
- They are able to distinguish between league and UNO system.
- Students get basic understanding of various organs of the United Nations: General Assembly, Security Council, Economic and Social Council, Trusteeship, International Courts of Justice, Secretariat, role of Secretary General,
- Students are able to analyze various methods for maintaining peace by throwing light on the topic like disarmament.
- Students get basic understanding of the changing nature of UN in the post cold war era; Democratization of UN System.
- They are fully aware about India's stand for the claim of permanent seat in the Security Council.
- Students are able to examine and describe various global political problems and various means (i.e. peaceful & coercive) for the settlement of these disputes. They are able to discuss about the various arrangements by international organization for promoting peace and cooperation through various non-political agencies and other specialized agencies.

Semester IV

Paper : Political Theory

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Paper : International organisation and global order

Learning outcomes:

As a result of this course the students are able to

Organization i.e. disarmament, preventive diplomacy, grand debate trusteeship and various functional approaches to peace coercive means mediation, Good offices, negotiations and war etc.

- Assess and explain the world order models of Clark –Sohn, Richard Falk, Max Gandhi and Rajiv Kothari they have the basic understanding of world order models given by different experts their comparisons.
- Familiar with the major international crises which proved to be a big challenge in front of UN i.e. Korean, Arab-Israel, Kashmir and Iraq. Some of these are still disturbing the Int. Peace and order.
- Aware about various --- rare issues which are of current relevance i.e. Human Rights, Environment Gender & terrorism.

Course Outcomes of M.Sc. (Mathematics)

Semester- I

Paper : Advanced Abstract Algebra

- Demonstrate accurate and efficient use of advanced algebraic techniques
- Demonstrate capacity for mathematical reasoning through analyzing, proving and explaining concepts from advanced algebra
- Apply problem-solving using advanced algebraic techniques applied to diverse situations in physics, engineering and other mathematical contexts
- Use Sylow's theorems to describe the structure of certain finite groups explain the notion of an extension of a field describe the structure of finite fields do computations in specific examples of finite fields.

Paper : Real Analysis –I

- The aim of this course is to introduce and develop basic analytic concepts of limit, convergence, integration and differentiation. The course is all about mathematical proofs. After completing this course students will be able to :
- Understand Continuity, differentiation, and integration through calculations and solving application problems.
- To manipulate and use power series.
- To use and operate series of numbers and series of functions.
- Explain what a definition or theorem says.

Paper : Topology

- To present an introduction to the field of topology, with emphasis on those aspects of the subject that are basic to higher mathematics.
- To understand what it means to do mathematics, as opposed to learning about mathematics or to learning to do computational exercises.
- To write mathematical text according to the standards of the profession.
- To distinguish among open and closed sets on different topological spaces;

- To know the two fundamental topologies: discrete and indiscrete topologies
- To identify precisely when a collection of subsets of a given set equipped with a topology forms a topological space
- To understand when two topological spaces are homeomorphic .

Paper : Complex Analysis- I

_To introduce Complex Number system

- To equip with necessary knowledge and skills to enable them handle mathematical operations, analyses and problems involving complex numbers.
- Understand how complex numbers provide a satisfying extension of the real numbers
Able to solve real integrals by doing complex integration
- Learn techniques of complex analysis that make practical problems easy (e.g. graphical rotation and scaling as an example of complex multiplication);
- Continue to develop proof techniques

Paper : Differential Equations-I

- To provide the standard methods for solving differential equations as well as methods based on the use of matrices or Laplace transforms.
- To demonstrate how differential equations can be useful in solving many types of problems - in particular, to show how to translate problems into the language of differential equations, to find or numerically approximate the solution of the resulting differential equation subject to given conditions, and to interpret the solutions obtained.
- To Find general solutions to first-order, second-order, and higher-order homogeneous and nonhomogeneous differential equations by manual and technology-based methods.

Semester- II

Paper : Advanced Abstract Algebra-II

- Demonstrate capacity for mathematical reasoning through analyzing, Proving and explaining concepts from advanced algebra.

- Apply problem-solving using advanced algebraic techniques applied to diverse situations in physics, engineering and other mathematical
- Explain the notion of an extension of a field
- Describe the structure of finite fields do computations in specific examples of finite fields.

Paper : Real Analysis –II

- Learn when certain theorems apply and when they do not.
- Identify the correct definitions and theorems to deal with unknown problems.
- Combine different definitions, theorems and techniques.
- Draw conclusions from your proofs.
- Learn how to avoid common pitfalls.
- Explain your solutions to others
- Describe fundamental properties of the real numbers that lead to the formal development of real analysis.
- Construct rigorous mathematical proofs of basic results in real analysis.
- Appreciate how abstract ideas and regions methods in mathematical analysis can be applied to important practical problems

Paper : Computer Programming (Theory)

- To apply knowledge of computing and mathematics appropriate to the program's student outcomes and to the discipline.
- To analyze a problem, and identify and define the computing requirements appropriate to its solution.
- To design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.

Paper : Complex Analysis –II

- Perform basic algebraic manipulation with complex numbers
- Understand the geometric interpretation of complex numbers

- Know methods of finding the n th roots of complex numbers and the solutions of simple polynomial equations.
- Use analytical functions and conformal mappings.
- Compute definite integrals using residue calculus.
- Appreciate the existence of special functions and their use in a range of contexts.

Paper : Differential Equations-II

- Evaluate first order differential equations including separable, homogeneous, exact, and linear.
- Show existence and uniqueness of solutions.
- Create and analyze mathematical models using first order differential equations to solve application problems such as circuits, mixture problems, population modeling, orthogonal trajectories, and slope fields.
- Solve second order and higher order linear differential equations.
- Determine fundamental solutions and independence using the Wronskian.
- Solve non homogeneous equations.

Semester- III

Paper : Functional Analysis

- Explain the fundamental concepts of functional analysis and their role in modern mathematics and applied contexts
- Demonstrate accurate and efficient use of functional analysis techniques.
- Demonstrate capacity for mathematical reasoning through analysing proving and explaining concepts from functional analysis.
- Apply problem-solving using functional analysis technique applied to diverse situations in physics, engineering and other mathematical context.

Paper : Analytical Mechanics and calculus of variations

- Give an account of the foundations of calculus of variations and of its applications in mathematics and physics.

- Describe the brachistochrone problem mathematically and solve it.
- solve isoperimetric problems of standard type.
- Solve simple initial and boundary value problems by using several variable calculus.
- Formulate important results and theorems covered by the course;
- Use the theory, methods and techniques of the course to solve problems.

Paper : Elasticity

- Understand the notation and properties of different types of tensor.
- Learn about the stress tensor like normal and shear stress, stress quadric of Cauchy, Principal stress and invariants.
- Learn geometrical interpretation of the components of strain and terms related to strain tensor.
- Understand the generalized Hooke's law, reduction of elastic constants to different elastic models from the most general case.
- Develop equilibrium and dynamical equations of an isotropic elastic solid.

Paper : Fluid Mechanics-I

- Understand the basic principles of fluid mechanics, such as Lagrangian and Eulerian approach, conservation of mass etc.
- Use Euler and Bernoulli's equations and the conservation of mass to determine velocity and acceleration for incompressible and inviscid fluid.
- Understand the concept of rotational and irrotational flow, stream functions, velocity potential, sink, source, vortex etc.
- Analyse simple fluid flow problems (flow between parallel plates, flow through pipe etc.) with Navier - Stoke's equation of motion.
- Understand the phenomenon of flow separation and boundary layer theory.

Paper : Integral Equations

- Understand the properties of geometrical problems.
- Be familiar with variational problems.
- Learn about isoperimetric problems and its solutions.

- Understand with different types of integral equations .

Semester- IV

Paper : General Measure and Integration Theory

- Understand the fundamentals of measure theory be acquainted with the proofs of the fundamental theorems.
- understand that how these underpin the use of mathematical concepts such as volume, area, and integration and differentiation.
- Learn about measure theory random variables, independence, expectations and conditional expectations, product measures and discrete parameter martingales.
- Explain the concept of length, area, volume using Lebesgue's theory.
- Apply the general principles of measure theory and integration in such concrete subjects as the theory of probability or financial mathematics.

Paper : Partial Differential Equations

- Understand partial differential equations.
- Solve linear Partial Differential with different methods.
- Describe real-world systems using PDEs.
- Solve first order PDEs and second order PDE using different method
- Determine the existence, uniqueness, of solution of PDEs Learning Resources

Paper : Mechanics of Solids

- Model and analyse the behaviour of structural and machine components subjected to various loading and support conditions based on principles of equilibrium and material constitutive relationships.
- Understand the concept of stress and strain to analyse and design structural members and machine parts under axial load, shear load, bending moment and torsional moment.
- Solve practical problems through evaluating the relationship between stress and strain.
- Know about the deflections and deformations of loaded flexural members.
- Analyse a structural member and machine part when loaded beyond elastic limit.

Paper : Fluid Mechanics-II

- Distinguish the types of flows and Determine sonic velocity in a fluid.
- Define fluid and its properties. Describe effect of temperature on viscosity.
- Examine the possibility of a flow using continuity equation.
- Identify and interpret different flows with relevant equations.
- Distinguish Venturimeter, orifice meter, pitot tube and rectangular and triangular notches and solve for velocity of flow.
- Define critical Reynolds number.

Paper : Mathematical Aspects of Seismology

- Explain the different aspects related to seismology and terms related to it.
- Define amplitude, frequency, period, wavelength, and velocity of a wave and relate wave frequency, period, wavelength, and velocity
- Explain general concepts of earthquake seismology, and its link to society
- Explain source, path and receiver as the main components in seismology
- Demonstrate how the earthquake mechanism is derived from waveform data
- Discuss how the observation of earthquakes leads to improved Earth models and the basics of seismic attenuation
- Solve problems involving wave properties.

Course Outcomes of M.Com

Semester-I

Paper : Company Law

Having understanding of concepts of company, its features.

- To elucidate how company is a separate legal entity and discuss the doctrine of lifting the corporate veil.
- Students can learn the concept of holding and subsidiary company.
- Privileges and exemptions to private companies.
- Discuss the concept of memorandum of association as prescribed by the act.
- To understand the meaning of transmission of shares and its procedures.
- Students will be able to understand the concept of winding up of the company.

Paper : Accounting For Managerial Decisions

- Understand the basic concept of management accounting.
- Knowledge of MIS.
- Apprehensions of management accounting.
- To know about the divisional performances measurement.
- Kinds of budgets and formations.
- Concept of marginal costing and breakeven analysis.
- Contemporary issues in management accounting.

Paper : Managerial Economics

- Understanding the basic concepts, demand, and elasticity of demand.
- Computation of price, output and equilibrium under perfect market, monopoly, monopolistic and oligopoly markets.

- Short run and long run application functions.
- Various theories of business cycles.
- Concepts of inflation and various measures to control it.

Paper : Marketing Management

- Evolution of marketing, marketing research process.
- Understanding what is consumer behavior and its determinants.
- Understand the process of new product development.
- Promotion, pricing, distribution strategies.
- Understanding the concept of direct and online marketing.

Paper : Business Environment

- Students gain the knowledge of environment in which business operates.
- Various steps involved in environment scanning.
- Critically evaluate the economic policy of India.
- Instrument of fiscal and monetary policy.
- Appreciating the role of small scale industry in India.

Paper : Organisational Behaviour

- To understand the concept and significance of OB.
- History and determinants of OB.
- Personality, learning groups, transactional and other analysis.
- Analysis of self awareness, ego status and strokes.

Semester-II

Paper : Corporate Accounting

- Knowledge about issue and forfeiture of shares and its computations.
- Explanation of final accounts and formation.
- Comprehensions of amalgamation, external and internal reconstruction.
- Human resource accounting and its various methods of valuation.

Paper : Financial Management And Policy

- Students get to know the meaning, nature and scope of financial management.
- Time value of money and its techniques.
- Students gain the understanding of developments in financial management.
- How to compute the cost of capital including CAPM and its computations.

Paper : Human Resource Management

- Understand the concept of HRM and its functions, objectives and significance.
- To understand the study of domestic and international HRM
- Factors affecting international HRM.

Paper : International Business Environment

- Understanding of basic concepts of international marketing, functions of MNC's
- Analyzing the impact of technological environment.
- Understanding and working of UNCTAD.
- Impact of WTO on international trade agreements.

Paper : Strategic Marketing

- Understand the concept and hierarchy of strategic management.
- Critically assess generic strategies and identify the process of internal analysis.
- Criterion for evaluation of strategy and control process.

Papers : Business Statistics

- Difference between partial and multiple correlations.
- Explain the concept of multiple regressions and its fitting.
- Various test of adequacy of index numbers formulae.
- Understanding base shifting, splicing and deflating.
- Knowledge of normal, Poisson and binomial distribution.

Semester-III

Paper : Human Resource Development

- Understanding the basic knowledge of human resource development.
- Various approaches to HRD.
- Steps for designing HRD systems and strategies.
- Implementations of training development programs.

Paper : Financial Institutions And Markets

- Gaining the understanding of financial system and financial markets.
- Knowledge about money market and capital market.
- Understanding the working of various bodies involved in the development of financial markets.

Paper : Market Research

- Students gain the understanding of the need and importance of marketing research.
- Various problems associated with market research.
- Sample design, questionnaire design and techniques in scaling.

Paper : Advanced Financial Management

- Basic understanding about the determinants of dividend decisions.
- Concepts of capital structures and determinants.
- Techniques of corporate restructuring.
- Effects of leverages as well as EBIT-EPS analysis.

Paper : Computer Applications In Business

- It prepares students to use the various computer software to be used in business.
- The emerging role of computers in business irrespective of its nature and size.

Paper : Entrepreneurship Development

- Having knowledge of different ED's programs.
- Increasing role of Small scale industries.
- Challenges faced by entrepreneurs.

Semester-IV

Paper : Project Planning And Control

- Understanding the knowledge of investment opportunities, generation of screening ideas, and feasibility study of project planning.

- Analyzing the demand for project.
- Deciding capital structure and computation of profitability of the project.
- Evaluation and review of project by using PERT/CPM.

Paper : Rural Marketing

- Basic knowledge about rural marketing and its challenges
- Study the behavior of rural consumers.
- Role of media in rural markets.
- Role of Ecommerce in rural markets.

Paper : Consumer Behaviour

- Understanding the buying behavior of consumer, factors that influence the purchase decisions.
- Role of opinion leaders.
- Understand the need of motivation of consumers, values, lifestyles, and norm.

Paper : Organisational Change And Intervention Strategies

- Understanding the basic concepts, types of changes.
- Identify the differ strategies and manage the changes.
- Evaluate the strategic leverages and implementing change.
- Examine the OD interventions.

Paper : Strategic Human Resource Management

- Understand the concept and level of strategy.
- Strategic HRM shall be helpful for students in study of due process.

- Analysis of external environment, its components and choice of environment factors.
- A thorough knowledge of techniques and tools of strategic evaluation.

Course Outcomes of Hons. Courses at Graduation Level

Course Outcomes of B.A Political (Hons.)

Semester-I and -II

Paper : Contemporary Political Science (Semester I and II)

After reading the contemporary political science students will be able to –

- Understand the nature and scope of political theory.
- Understand the significance of political theory.
- Acquaint with various theories, concepts, approaches and principles of political theory.
- Understand the various traditional and modern theories of political science.
- Understand the concept of state sovereignty.
- Understand about the concept of behaviourism and post behaviourism
- Understand about the concept of political culture and political socialisation
- Understand about the concept of right to information Act. And consumer protection Act.

Semester-III and -IV

Paper : India's Foreign Policy- II (Semester III and IV)

- This course help the students of Honors to develop an authentic understanding of India's Foreign Policy- its historical context, recent developments and key issues facing the country.
- The course provides students with a framework to analyze and become familiar with India's diplomatic agenda and current engagements with partner countries; relations with

Big and small nations, regionalism, association, International Organization U.N.O. and assessment of India's Foreign Policy.

- The course describes the origins, evolution, contours, and current broad orientations of India's foreign policy.

Semester-V and -VI

Paper : International Organization (Semester V and VI)

- To understand the growth and development of International Organization, comparison between the League and UN System, organs of the UN and its role on peacemaking, peace building and peacekeeping.
- Role and importance of disarmament, arms control, balance of power, collective security and
- India's claim for permanent seat in UN assessment of UN

Course Outcomes of B.A English (Hons.)

Semester-I

Paper : Literature In English (1550-1660)-I

- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of literature in contemporary contexts.
- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Elizabethan-age themes.
- Develop their critical and creative thinking skills by examining texts analytically, historically and from multiple points of view.
- Understand the role of context(s) in the production, reception, and transmission of literary and cultural texts (across periods, histories, geographic or national spaces, and cultural differences).

Paper : Literature in English (1660-1750)-I

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

- Comprehend and discuss at length Restoration Age literature and its characteristics, both literary and historical.
- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of literature in contemporary contexts.
- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Restoration-age themes.

- Improve their creativity as a result of their productive analysis of and engagement with greatest writers of the eighteenth century era.
- Able to interpret literary terms like Comedy of Manners, Restoration Age, Periodical Essays etc. and discuss them at length

Semester-II

Paper : Literature In English (1550-1660)-II

- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of literature in contemporary contexts.
- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Elizabethan-age themes.
- Develop their critical and creative thinking skills by examining texts analytically, historically and from multiple points of view.
- Understand the role of context(s) in the production, reception, and transmission of literary and cultural texts (across periods, histories, geographic or national spaces, and cultural differences).

Paper : Literature in English (1660-1750)-II

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

- Comprehend and discuss at length Restoration Age literature and its characteristics, both literary and historical.
- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of literature in contemporary contexts.

- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Restoration-age themes.
- Improve their creativity as a result of their productive analysis of and engagement with greatest writers of the eighteenth century era.
- Able to interpret literary terms like Comedy of Manners, Restoration Age, Periodical Essays etc. and discuss them at length.

Semester-III

Paper : Course: Literature in English 1760-1830)-I

- To make strong aesthetic sense with literature.
- To enhance language through a text-based and learner-centric syllabus.
- To boost up critical thinking and judge a work of art.
- To interpret and appreciate the informative purpose in literature.
- To develop students own creativity and enhance their writing skill.
- Students are formed into skilled knowledgeable and ethical interpreters of literary texts in English by utilizing the opportunity to nurture their ability to understand play and novel
- To develop worldwide competencies for successful life.

Paper : Literature in English (1830-1900)-I

- After the completion of the course, students will be able to:
- Comprehend and discuss at length Victorian literature and its characteristics, both literary and historical.
- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of Victorian literature in contemporary contexts.
- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Victorian themes.

- Improve their creativity as a result of their productive analysis of and engagement with greatest writers of the Victorian era.

Paper : Course: Grammar and Contemporary Usage-I

An undergraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- have a deep understanding of English grammar and its rules.
- learn the various nuances of spoken and written English.
- understand the correct use of vocabulary, sentence structures, parts of speech, verb patterns, etc.
- develop the skills of writing well-organized essays and paragraphs on any given topic.
- Acquire all the four language learning skills i.e. listening. Speaking, reading and writing.
- become proficient in oral and written communication.

Semester-IV

Paper : Course: (Literature in English 1760-1830)- II

- To make strong aesthetic sense with literature.
- To enhance language through a text-based and learner-centric syllabus.
- To boost up critical thinking and judge a work of art.
- To interpret and appreciate the informative purpose in literature.
- To develop students own creativity and enhance their writing skill.
- Students are formed into skilled knowledgeable and ethical interpreters of literary texts in English by utilizing the opportunity to nurture their ability to understand play and novel.
- To develop worldwide competencies for successful life.

Paper : Literature in English (1830-1900)-II

- After the completion of the course, students will be able to:
- Comprehend and discuss at length Victorian literature and its characteristics, both literary and historical.
- Develop deeper understanding of literature to be applied at higher level of postgraduate learning.
- Enhance their written as well as spoken skills about the relevance of Victorian literature in contemporary contexts.
- Ameliorate their reading and comprehension based on the modern-day trends that critically evaluate Victorian themes.
- Improve their creativity as a result of their productive analysis of and engagement with greatest writers of the Victorian era.

Paper : Course: Grammar and Contemporary Usage -II

An undergraduate course offered by the Department of English. On successful completion of this course, the students will be able to

- have a deep understanding of English grammar and its rules.
- learn the various nuances of spoken and written English.
- understand the correct use of vocabulary, sentence structures, parts of speech, verb patterns, etc.
- develop the skills of writing well-organized essays and paragraphs on any given topic.
- Acquire all the four language learning skills i.e. listening. Speaking, reading and writing.
- become proficient in oral and written communication.

Semester-V

Paper : Course-Modern British Literature-I

- Students will study the major authors, works, genres and literary movements of British literature, approaching these texts both analytically and historically.
- Develop their critical and creative thinking skills by examining texts analytically, historically and from multiple points of view.
- Students will also develop a unique voice to express themselves clearly in speaking and writing, and become an articulate interpreter and contributor to MODERN BRITISH LITERATURE.
- Students are able to demonstrate a clear understanding of primary literary texts of British writings and a familiarity with the culture, genre, and place in literary history from whence they come.
- Understand the role of context(s) in the production, reception, and transmission of literary and cultural texts (across periods, histories, geographic or national spaces, and cultural differences).
- Identify the major theoretical schools and apply those approaches to a variety of texts.
- Support literary research with peer-reviewed academic resources provided by the library, and include both in- and end-text citation of those sources.
- Manage sophisticated writing and research projects, including planning, documenting, completing, and assessing work.
- The course offers the students the opportunity to understand the literary traditions of Britain.

Paper : Course- Indian Writing in English- I

To introduce students to major movement and figures of Indian literature in English through the study of selected literary texts.

- To expose students to the artistic and innovative use of language employed by the Indian writers.

- To enhance literary and linguistic competence of students.
- To instill values and develop human concern in students.
- To create Literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary texts.
- It also offers a detail study of history of Indian Writing literature, and the themes and techniques of the Indian novel in English.

Paper : Course : Modern World Literature-I

An undergraduate course offered by the Department of English. Upon successful completion of this course, students will have the knowledge of

- Literatures of non – European nations.
- The issues, styles, concerns and techniques specific to region, nation and culture.
- Features of postmodern and post-colonial literature.
- Colonization and post-colonization literature.
- In- depth knowledge of modern world culture through literature.
- Definition and introduction of the background of war poetry.

Semester-VI

Paper : Course-Modern British Literature-II

Students will study the major authors, works, genres and literary movements of British literature, approaching these texts both analytically and historically.

- Develop their critical and creative thinking skills by examining texts analytically, historically and from multiple points of view.
- Students will also develop a unique voice to express themselves clearly in speaking and writing, and become an articulate interpreter and contributor to MODERN BRITISH LITERATURE.

- Students are able to demonstrate a clear understanding of primary literary texts of British writings and a familiarity with the culture, genre, and place in literary history from whence they come.
- Understand the role of context(s) in the production, reception, and transmission of literary and cultural texts (across periods, histories, geographic or national spaces, and cultural differences).
- Identify the major theoretical schools and apply those approaches to a variety of texts.
- Support literary research with peer-reviewed academic resources provided by the library, and include both in- and end-text citation of those sources.
- Manage sophisticated writing and research projects, including planning, documenting, completing, and assessing work.
- The course offers the students the opportunity to understand the literary traditions of Britain.

Paper : Course- Indian Writing in English-II

To introduce students to major movement and figures of Indian literature in English through the study of selected literary texts.

- To expose students to the artistic and innovative use of language employed by the Indian writers.
- To enhance literary and linguistic competence of students.
- To instill values and develop human concern in students.
- To create Literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary texts.
- It also offers a detail study of history of Indian Writing literature, and the themes and techniques of the Indian novel in English.

Paper : Course: Modern World Literature-II (Paper XVI)

An undergraduate course offered by the Department of English. Upon successful completion of this course, students will have the knowledge of

- Literatures of non – European nations.
- The issues, styles, concerns and techniques specific to region, nation and culture.
- Features of postmodern and post-colonial literature.
- Colonization and post-colonization literature.
- In- depth knowledge of modern world culture through literature.
- Definition and introduction of the background of war poetry.