

Faculty of Arts

Course Outcome

Program: BA

General English, English Literature

Course-English Communication Skills

Semester-I

- CO1 Student will be able to explain the theme of the short stories.
- CO2 Student will know the complications handled by disabled people.
- CO3 Student will know the value of study and time.
- CO4 Student will know the value of witticism and amusement in stories.
- CO5 Student will be able to grasp the positivity aspect and the value of positive mindset in life.
- CO6 Student will be able to explain about the value of freedom.
- CO7 Student will know the level of discrimination prevailing among the classes of the society
- CO8 Student will be able to explain the value of sacrifice done, at times, in life.
- CO9 Student will learn the parts of speech and their usage.
- CO10 Student will be able to frame sentences.
- CO11 Student will be able to construct direct & indirect speech sentences.
- CO12 Student will gain knowledge to differentiate among different nouns.
- CO13 Student will be able to use Articles on correct place.
- CO14 Student will know the difference between adjectives and adverbs.
- CO15 Student will learn the degrees of adjectives and adverbs.
- CO16 Student will know about use of words.
- CO17 Student will be able to translate the passage.

Course-English Literature (An Introduction to the Study of Prose Literature)

- CO1 Students will be able to understand the meaning of literature
- CO2 Students will be able to categorize the different branches of literature
- CO3 Students will be able to identify the literary works in relation to the society
- CO4 Students will be able to recognize the role of literature in modern world
- CO5 Students will be able to classify different technical terms related to prose
- CO6 Students will be able to express themselves through correct usage of English pronunciation
- CO7 Students will be able to develop better understanding of the moral issues and consider the different aspects of life and society as a whole.

Semester -II

Course-English Communication Skills

- CO1 Student will be able to analyze the poem.

- CO2 Student will learn to understand the disparity between men and women.
- CO3 Student will be able to explain the value of Human Rights
- CO4 Student will be able to use verbs in a sentence correctly.
- CO5 Student will be able to transform sentences into different tenses.
- CO6 Student will be able to correct sentences.
- CO7 Student will be able to construct questions.
- CO8 Student will be able to translate the passage from Punjabi into English.

Course-English Literature (An Introduction to the Study of Fiction)

- CO1 Students will be able to classify different types of novel.
- CO2 Students will be well acquainted with the life history, works and important themes associated with the author.
- CO3 The students will be able to grasp the background of the novel and the outline of the novel.
- CO4 The students will learn how to interpret the themes of the novel and the symbols used by the author.
- CO5 Students will be able to develop better understanding of the moral issues and consider the different aspects of life and society as a whole.

Semester-III

Course-English Communication Skills

- CO1 Student will know about social websites and evaluate their role in growth of society.
- CO2 Student will be able define the proper use of words in writing English.
- CO3 Student will be able to define the value of hard work.
- CO4 Student will learn about their role to create poverty free society.
- CO5 Student will learn about the writing of Environmental history.
- CO6 Student will know the situation of women in family.
- CO7 Student will gain insight about their human rights.
- CO8 Student will be able to frame sentences.
- CO9 Student will be able to form correct questions.
- CO10 Student will be able to write letters according to the prescribed formats.

Course-English Literature (English Literature from Chaucer to the Eighteenth Century)

- CO1 Students will have complete knowledge of the age along with examples from the prescribed text.
- CO2 Students will be able to recognize the difference between various writing trends in different ages. The study of the suggested texts would further help in better understanding.
- CO3 Students will be able to understand and classify different technical terms related to drama and theatre through Neoclassical Comedy &

Shakespearean Tragedy.

- CO4 Students will be able to grasp the knowledge of the age and the advent of novels through various movements and texts of this age.
- CO5 Students will learn to enact drama and various technical issues related to stage setting.
- CO6 Students will be able to explain the dramatic aspects of literature.
- CO7 Students will be able to discuss social issues through analytical description.

Semester-IV

Course-English Communication Skills

- CO1 Student will be able to describe the thematic concerns
- CO2 Student will be able to recognize and explain characters.
- CO3 Student will be able to summarize the novel.
- CO4 Student will be able to frame sentences.
- CO5 Student will be able to frame direct and indirect speech sentences.
- CO6 Student will be able to link two sentences.
- CO7 Student will be able to write dialogues.

Course-English Literature (Module-I: Literary Masterpieces: Study of the Classics)

- CO1 Students will be able to know about the background of the author and the particular age. (Animal Farm)
- CO2 Students will be able to identify the social role of literature.
- CO3 Students will be able to describe the teaching aspects of novel (Animal Farm).
- CO4 Students will be able to discuss social issues through analytical description (Animal Farm).
- CO5 Students will be able to understand the background, writing style and major themes of the author (Poems of Shelley).
- CO6 Students will be able to get acquainted with the Victorian age & poetry.
- CO7 Students will be able to appreciate the aesthetic sense of poetry. (Poems of Tennyson).
- CO8 Students will be able to know about the proper recitation of poetry.
- CO9 Students will be able to grasp the Colonial aspects of the novel. (Robinson Crusoe)
- CO10 Student will learn the art of surviving and Existentialism philosophy in the novel.

Semester V

Course-English Communication Skills

- CO1 Students will be able to explain the dramatic aspects of literature.

- CO2 Students will be able to identify the social role of literature.
- CO3 Students will be able to describe the teaching aspects of drama.
- CO4 Students will be able to express the emotion pressed inside through enactment.
- CO5 Students will be able to discuss social issues through analytical description.
- CO6 Students will be able to enhance composition skills.
- CO7 Students will be able to state the things in an analytical way.
- CO8 Students will be able to express the issues in a formal way of writing.

Course-English Literature (Poetry and the History of English Literature)

- CO1 Students will be able to have complete knowledge of the age regarding the chief characteristics, major poets and essayists along with example from the prescribed text.
- CO2 Students will be able to recognize the differences between various writing trends in different ages. The study of the suggested text would further help in better understanding.
- CO3 Students will be able to understand the text with the discussion of this age.
- CO4 Students will be able to classify different technical terms related to poetry.
- CO5 Students will be able to identify the differences between poetry from other genres of literature and also about the technicalities, alliteration, consonance, rhyming etc.
- CO6 Students will be able to acquaint themselves with the aesthetic sense and writing style of the most celebrated English poet.
- CO7 Students will be able to understand the difference in writing style of different poets.

Semester VI

Course-English Communication Skills

- CO1 Student can define the thematic concerns.
- CO2 Student will be able to do analysis of poem.
- CO3 Student will be able to develop any story.
- CO4 Student will be able to create his/her own resume.

Course-English Literature (Module-I: Literary Masterpieces: Study of Classics II)

- CO1 Students will be able to know about the background of the author and the particular age.
- CO2 Students will be able to identify the social role of literature.
- CO3 Students will be able to describe the teaching aspects of novel.
- CO4 Students will be able to discuss social issues through analytical description.
- CO5 Students will be able to seek the knowledge of Indian literature and history.
- CO6 Students will be able to get acquainted with the Indian writers.
- CO7 Students will be able to appreciate the aesthetic sense of poetry.

- CO8 Students will be able to know about the proper recitation of poetry.
- CO9 Students will be able to understand the background, writing style and major themes of the author.
- CO10 Students will be able to know about the absurd literature.
- CO11 Students will be able to have complete knowledge about the context of the novel.
- CO12 Students will be able to identify the differences between contemporary literature from that of the earlier ages in the context of themes, issue, motifs etc.
- CO13 Students will be able to acquire the knowledge regarding Indian drama.
- CO14 Students will be able to identify the differences between western and Indian theatre.
- CO15 Students will be able to introspect the technicalities of theatre.
- CO16 Students will be able to understand the significant role of drama in bringing out social evils and reformation of society.

General Punjabi, Mudhla Gyan, Punjabi Literature

Semester I

Course-Punjabi Compulsory

- CO1 smwijk kurIqIAW dw igAwn[
- CO2 pyNfU s~iBAwcwr bwry jwxkwrI[
- CO3 mwnvI srokwrW bwry igAwn[
- CO4 vwqvwrx qy s~iBAwcwr bwry jwxkwrI[
- CO5 nYiqk kdrW dw ivkws[
- CO6 shI qrIky nwl ilKx bwry jwxkwrI[
- CO7 SbdW dw shI aucwrn krnw is`Kxgy[
- CO8 Sbd SRyxIAW bwry igAwn[
- CO9 aucwrn AMgW bwry jwxkwrI[

Course-Punjabi Compulsory-Mudhla Gyan

- CO1-ies nwl ividAwrQI pMjwbI vrxmwlv bwry is`Kxgy[
- CO2-ies nwl ividAwrQI pMjwbI dy A`KrW bwry shI jwxkwrI is`Kxgy[
- CO3-ies nwl ividAwrQI nvIN bolI is`Kxgy[
- CO4-ies nwl ividAwrQI pMjwbI dy Sbd shI qrIky nwl ilKx bwry is`Kxgy[
- CO5- ies nwl ividAwrQI pMjwbI dIAW mwqrvvW bwry is`Kxgy[
- CO6- ies nwl ividAwrQI pMjwbI DunIAW dIAW shI AvwjW bwry is`Kxgy[
- CO7- ies nwl rMgW dy nwm ilKxy is`Kxgy[
- CO8- ies nwl PlW, sbjIAW qy jwnvrW dy nwm ilKxy is`Kxgy[
- CO9- ies nwl hPqy dy idn, mhIinAW dy nwm Aqy igxqI is`Kxgy

Course-Punjabi Literature (Elective)

- CO1 Sbd BMfwr ivc vwdw[
- CO2 klpnw dw ivkws[
- CO3 sMvydnSIlqw dw ivkws[
- CO4 mun`KI SKsIAq dw srvp`KI ivkws[
- CO5 sMcwr kOSl ivc vwdw[
- CO6 jIvn AnuBv ivc vwdw[
- CO7 swihqk ivDwvW dI jwxkwrI[

Semester II

Course-Punjabi Compulsory

- CO1 ivigAwn qy s`iBAwcwr dy AwpsI sMbMD bwry igAwn[
- CO2 gurUAW dy ieighws bwr jwxkwrI[
- CO3 purwxIAW pyNfU KyfW bwry jwxkwrI[
- CO4 pMjwbI gwiekI dy ipCokV bwry jwxkwrI [
- CO5 ic`TI p`qr ilKx dy inXmW dw igAwn[
- CO6 SbdW dI bxqr Aqy rcnW bwry dw igAwn[
- CO7 BwSweI ielwikAW bwry jwxkwrI [
- CO8 ivAwkrn pVn nwl mwJw,mwlvw,duAwbw qy puAwDw dy lokW dI bolI bwry igAwn[

Course-Punjabi Compulsory-Mudhla Gyan

- CO1-ies nwl ividAwrQI sbd joVW sMbMDI ilKxw is`Kxgy[
- CO2-ies nwl ividAwrQI pMjwbI dy vwk bnwauxyy is`Kxgy[
- CO3-ies nwl nWv,pVnWv,ikirAw,ivSySx qy ikirAw ivSySx dIAW audwhrxw dy skxgy[[
- CO4-ies nwl smwsI SbdW bwry is`Kxgy[
- CO5-ies nwl ividAwrQI dhurukqI SbdW bwry is`Kxgy[
- CO6-ies nwl Agyqr qy ipCyqr dI vrqoN nwl sbd bxwauny is`Kxgy[
- CO7-ies nwl ividAwrQI ivSrwm icMn lwauux bwryy is`Kxgy[
- CO8-ies nwl ividAwrQI vkwW iv`cy myl qy Aidkwr bwry is`Kxgy[

Course-Punjabi Literature (Elective)

- CO1 swihqk ivDwvW dI jwxkwrI[

C02 swihqk privrqIAW dI jwxkwrI[
 C03 nwtkI jugqW dI jwxkwrI[
 C04 rMgmMcI loVW dw ivkws[
 C05 AiBnY(AdwkwrI) dw hunr[
 C06 ipMgl dy inXmW dw igAwn[
 C07 kivqw dy mwpdMf dI smJ[
 C08 Sbd skqIAW dI smJ[
 C09 rcnw nUM pRBwvSwlI bxwaun dI ivDI[

Semester III

Course-Punjabi Compulsory

C01 AjwdI GulwtIAW dI jwxkwrI[
 C02 gdr lihr dw ieighws[
 C03 dyS BgqI dI Bwvnr dw audY hoxw[
 C04 pMjwbI muhwvirAW qy AKwxW dw igAwn[
 C05 ic`TI dy ivDI ivDwn dI smJ[
 C06 ilKx kOSl dw ivkws[
 C07 SbdW dI ivAwkrnk jwxkwrI[
 C08 ivAwkrnk iekweIAW dw igAwn[
 C09 Sbd bxqr qy rcnw dw igAwn[

Course-Punjabi Compulsory-Mudhla Gyan

C01 ojZ; pko/ ikDekoh[
 C02 gzikph ;fGnkuko dh ikDekoh[
 C03 gzikphns dh gSkD[
 C04 fizdrh dh ;Wm[
 C05 i[Mko{gD dk r[D[
 C06 GkPk fbyD e"Pb dk ftek;[

Course-Punjabi Literature (Elective)

C01 Sbd BMfwr ivc vwdw[
 C02 klpnw dw ivkws[
 C03 sMvydnSIlqw dw ivkws[
 C04 mun`KI SKsIAq dw srvp`KI ivkws[
 C05 hwlwqW nwl nij`Tx dI Smqw,jIvn AnuBv ivc vwdw[
 C06 rcnwqmk hunr pYdw hoxw[
 C07 khwxI nUM pVHn dI rucI dI pRivrqi dw pYdw hoxw,qrk idRStI dw pYdw hoxw[
 C08 rcnw dy cMgy mwVy p`KW dI jwxkwrI[
 C09 swihqk jugqW dy ADwr qy rcnw nUM prKxw[

CO10 Awlocnwqmk jugqW dw igAwn[

Semester IV

Course-Punjabi Compulsory

CO1 kivqw dI smJ[
CO2 Sbd BMfwr ivc vDw[
CO3 sMvydSIlqw dw ivkws[
CO4 pRsMg qy ivAwikAw dI smJ[
CO5 rcnwqmkhunr dw ivkws[
CO6 AwDuink kvIAW qy swihq bwry jwxkwrI[
CO7 AKbwrI irport dy ivDI-ivDwn dI smJ[
CO8 s`misAwvW nUM suc`jy FMg nwl pyS krnw[
CO9 ilpI dI jwxkwrI[
CO10 gurmu`KI ilpI dy ieiqhws dw igAwn[
CO11 Su`D ilKx qy aucwrn krn dw igAwn[

Course-Punjabi Compulsory-Mudhla Gyan

CO1 pMjwbI siBAwcwr mu`FLI jwxkwrI[
CO2 purwxy pMjwb bwry jwxU krwaxw[
CO3 siBAwcwr dI smJ[
CO4 pMjwb dy ieiqhws bwry d`sxw[
CO5 pMjwbI siBAwcwr mu`FLI jwxkwrI[
CO6 SbdW dy ArQW bwry jwxkwrI dyxw[

Course-Punjabi Literature (Elective)

CO1 swihqk ivDwvW dI jwxkwrI[
CO2 swihqk privrqIAW dI jwxkwrI[
CO3 swihqk rUpW bwry jwxkwrI[
CO4 pMjwbI s`iBAwcwr dI jwxkwrI[
CO5 s`iBAwcwr Aqy lokDwrw dI smJ[
CO6 pMjwbI ipCokV dI jwxkwrI[
CO7 lokDwrw dI gihr qy gMBIr jwxkwrI[
CO8 swihqk ivDwvW dI jwxkwrI[

SEMESTER V

Course-Punjabi Compulsory

CO1 Aorq dI vrqmwn, Buq qy BivK dI siQqI dI smJ[
CO2 XQwrQ dI smJ[

C03 jIvn AnuBv ivc vWdW[
C04 smwijk srokwrW pRqI smJ[
C05 siBAwcwr dI smJ[
C06 ividAw dI loV qy mh`qv[
C07 sm`isAwvW nUM smJx qy sulJwaux dI smJ[
C08 BwSw dy inXmW dI jwxkwrI[

Course-Punjabi Compulsory-Mudhla Gyan

C01 pMjwb dy ieiqhws bwry d`sxw[
C02 purwxy pMjwb bwry jwxU krwauxw[
C03 pMjwb dy gUruAw bwry jwxU krwauxw[
C04 pMjwb dy ieiqhws bwry d`sxw[
C05 ipMf dIAw rOxkW bwry d`sxw[
C06 siBAwcwr dI smJ[
C07 ividAw dI loV qy mh`qv[
C08 sm`isAwvW nUM smJx qy sulJwaux dI smJ[
C09 SbdW dy ArQW bwry jwxkwrI dyxw[
C010 SbdW dy ArQW bwry jwxkwrI dyxw[

Course-Punjabi Literature (Elective)

C01 sMswr aupr Awaux dw mUl mnorQ kI hY[
C02 Drink sMskwrW dI jwxkwrI[
C03 kivqw dI smJ[
C04 Sbd BMfwr ivc vWdW[
C05 sMvydSIlqw dw ivkws[
C06 rcnwqmkhunr dw ivkws[
C07 AwDuink kvIAW qy swihq bwry jwxkwrI[
C08 pRsMg qy ivAwikAw dI smJ[
C09 Awlocnw idRStI ivc vWdW[
C010 AOrq dI qRwsdI, hwlwqW nwl nij`Tx dI qwkq[
C011 XQwrQ dI smJ[
C012 jIvn AnuBv ivc vWdW[
C013 smwijk srokwrW pRqI smJ[

Semester VI

Course-Punjabi Compulsory

C01 s`iBAwcwr Aqy lokDwrw dI smJ[
C02 pMjwbI ipCokV dI jwxkwrI[
C03 lokDwrw dI gihr qy gMBIr jwxkwrI[
C04 mwq BwSw dI smJ[

CO5 AMgryjI BwSw dI smJ[
 CO6 AMgryjI BwSw nUM pVnqy smJx dy hunr dw ivkws[
 CO7 SbdW nUM shI qrqIb ivc vrqn dI smJ[
 CO8 vkwqimk jugqW[
 CO9 ivAwkrn dw ivhwrk ivSlySx[

Course-Punjabi Compulsory-Mudhla Gyan

CO1 pMjwb dy ieiqhws bwry d`sxw[
 CO2 pMjwb dy ipMfW dy ieiqhws bwry d`sxw[
 CO3 ieiqhws smwrkw bwry crcw[
 CO4 pMjwb dI jwq ivvsQw qoN jwxU krwauxw[
 CO5 pMjwb dI Kyf dw ieiqhws d`sxw[
 CO6 SbdW dy ArQW bwry jwxkwrI dyxw[
 CO7 sm`isAwvW nUM smJx qy sulJwaux dI smJ[

Course-Punjabi Literature (Elective)

CO1 swihqk ivDwvW dI jwxkwrI[
 CO2 swihqk privrqIAW dI jwxkwrI[
 CO3 swihqk rUpW bwry jwxkwrI[
 CO4 swihqk q`q bwry igAwn[
 CO5 swihq Aqy smwj bwry jwxkwrI[
 CO6 swihq Aqy ieiqhws bwry jwxkwrI[
 CO7 swihq Aqy Drm bwry jwxkwrI[
 CO8 swihq Aqy SKsIAq bwry jwxkwrI[
 CO9 swihq Aqy rwjnIqI bwry jwxkwrI[
 CO10 swihq Aqy ivcwrDwrw bwry jwxkwrI[
 CO11 swihq Aqy s`iBAwvW bwry jwxkwrI[
 CO12 swihqk ivDwvW dI jwxkwrI[
 CO13 SPrnwmw, jIvnI, svY-jIvnI bwry jwxkwrI[
 CO14 AwDuink pMjwbI vwrqk bwry jwxkwrI[

Economics

SEMESTER-1

(ECONOMICS) MICRO ECONOMICS AND INDIAN ECONOMY – I

CO1	Students will be able to develop an idea of the basic characteristics of Indian economy.
CO2	They will be able to understand Agriculture as the basis of economic growth and development; to analyze the improvement and varying nature of Agricultural Sector; and its contribution to the economy.

CO3	Students will be able to know the significance and working of private and public sector in the industrial growth of India.
CO4	Students will be able to understand the significance of Industrial policies since 1947 with special reference to Liberalization and its contribution in economic development and growth.
CO5	Students will be able to apply economic analysis to evaluate producer's behaviour.
CO6	Students will be able to apply economic analysis to evaluate consumer behaviour.
CO7	Students will be able to understand the cost and revenue analysis and its application and functioning in real life.
CO8	Students will be able to understand of the meaning, scope and definitions of economics.

SEMESTER-II

ECONOMICS (MICRO ECONOMICS AND INDIAN ECONOMY – II)

CO1	Students will be able to understand and demonstrate the Marginal Productivity Theory of Distribution, Theory of Wages, identify different types of rent, and able to illustrate different theories of interest and profits.
CO2	Students will be able to understand the different types of market structures (Monopoly, Monopolistic and a Competitive Market).
CO3	Students will be able to determine the profit maximizing price and quantity of resources in factor markets under Perfect and Imperfect Competition by use of marginal analysis.
CO4	Students will be able to grasp the concept of Tax and its nature in context to Indian Economy
CO5	Students will be able to understand the economic implication of trade both for individual and international communities.
CO6	Students will be able to understand the importance, causes and impact of Population Growth and its distribution, translating and relating them with economic development.
CO7	Students will be able to grasp the importance of planning undertaken by the government of India; knowledge of various objectives; failures and achievements as the foundation of the ongoing planning; economic reforms taken by the government.
CO8	Students will be able to understand the basic problems of Indian economy like poverty and inflation and their bad impact on progress and development of the country as whole.

SEMESTER-III

ECONOMICS (MACRO ECONOMICS AND PUBLIC FINANCE)

CO1	Students will be able to understand the Classical Theory of Employment; Keynes's objection to the Classical Theory; demonstrate the principle of effective demand and income and output determination.
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CO2	Students will be able to explain the meaning of Consumption Function, relationship between APC and MPC, Consumption and Income, concept of Multiplier.
CO3	Students will be able to understand the relationship between Investment and Savings; demonstrate Investment Multiplier, and grasping the meaning of MEC and MEI.
CO4	Students will be able to learn about the sources of Finance both Public and Private; possible scope areas; nature of Public Financing.
CO5	Students will be able to attain the knowledge of Public Expenditure; Principles; Effects of Public Expenditure on Production and Distribution; and Causes for the growth of Public expenditure.
CO6	Students will be able to gain understanding of the concept of Taxation; its Classification; Canons; Characteristics of a good taxation system.
CO7	Students will be able to understand the need of Public Debt from all possible sources; Types and Role; Burden and Methods of Redemption of Public Debt including deficit financing.
CO8	Students will be able to gain conceptual clarity of Public Expenditure and Revenue concepts.

SEMESTER-IV

(ECONOMICS) MACRO ECONOMICS AND INTERNATIONAL ECONOMICS

CO1	Students will be able to illustrate the meaning of Interest; analysis of various theories of Interest.
CO2	Students will be able to demonstrate the meaning and function of Money, High Powered Money, and Monetary and Paper system; illustrate various version of Quantity Theory of Money.
CO3	Students will be able to identify types of Banks, explain the meaning and function of commercial banks, illustrate how banks create credit, and suggest the instruments to control credit.
CO4	Students will be able to analyze different phases of Trade cycle; demonstrate various Trade cycle theories; understand the impact of Cyclical fluctuation on the growth of business; forming policies to control trade fluctuations.
CO5	Students will be able to understand the role of Rate of Interest in supply and demand for money
CO6	Students will be able to know the meaning of Inflation, Deflation, and Stagflation; identify different kinds of Inflation; causes and effects of Inflation on different sectors of the economy; describe different measures to control Inflation.
CO7	Students will be able to understand the conditions of Financial Markets; and its impact on economy.
CO8	Students will be able to describe the contemporary Fiscal and Monetary policy to regulate the expenditure and supply of money in any economy.
CO9	Students will be able to identify the basic difference between Inter-regional and International trade; how International trade helps countries to obtain goods at cheaper cost; and explain it through the various International Trade theories.
CO10	Students will be able to understand the importance of maintaining equilibrium in the Balance of Payments; and suggestions to correct disequilibrium.

CO11	Students will be able to grasp the determination of Foreign Exchange through the basic theories of Purchasing Power Parity.
CO12	Students will be able to understand the basic structure and working of International Institutions like IMF, IBRD and their financial assistance to the developing countries.

Semester-V

ECONOMICS (ECONOMICS OF DEVELOPMENT)

CO1	Students will be able to gain an understanding of core economic principles; and how they apply to a wide range of real-world issues.
CO2	Students will learn about the causes of Business cycles.
CO3	Students will be able to analyze Fiscal and Monetary policy decisions to counter Business cycle swings by using Macro-Economic models.
CO4	Students will be able to recognize the cause of trade, sources of the gains from trade and the domestic and international distribution of those gains;
CO8	Students will be able to learn about the relationship between Growth and Development in the context of Developing and Developed economies.
CO9	Students will be able to understand the basic features and nature of Under-Developed economies.
CO10	Students will be able to learn about the significance of Capital Formation and its sources.
CO11	Students will be able to understand the root cause of Disguised Unemployment; and how it hinders economic development.

SEMESTER-VI

ECONOMICS (QUANTITATIVE METHODS)

CO1	Students will be able to explain concept of Correlation, analyze and interpret Co-variance and Correlation Coefficient, illustrate ordinary Least Squares and use it to estimate Regression Coefficient.
CO2	Students will be able to understand the concept of steady State Growth in the context of Developed Economies.
CO3	Students will be able to learn more pragmatic approach associated with Poverty and Development.
CO4	Students will be able to describe the components of Time Series; apply Time Series analysis in business scenarios; illustrate the different types of Index numbers; and calculate Index numbers.
CO5	Students will be able to demonstrate the role of quantitative techniques in the field of business/industry; illustrate different types of equations; solve equations and system of equations; understand the concept of Sets, illustrate and apply basic set operations.
CO6	Students will be able to explain the rules for calculating Derivatives; uses and application in calculating inter-relationship among Total, Marginal and Average Cost and Revenue; calculate Maxima, Minima, Elasticity; decide the optimal level of production for a firm.
CO7	Students will be able to illustrate Matrix operations, Minors, Cofactors; use of Cofactor method to find inverse of a matrix; use Cramer's rule to solve systems of equations.
CO8	Students will be able to understand the role of Rate of Interest in supply and demand for money.

CO9 Students will be able to learn how to articulate pragmatic, principles-based policies to enhance economic well-being.

CO10 Students will be able to apply quantitative techniques to solve a variety of problems in business field.

Political Science

Semester I

CO1: Students will be able to know about the basic meaning of Political Science and it will create interest for studying the Political Science subject further.

CO2: Students will be able to differentiate between Political Theory and Political Science.

CO3: Students will be able to learn about the relationship of Political Science with other subjects of Social Sciences.

CO4: Students will be able to know about the meaning and the elements of State in detail.

CO5: Students will be able to learn about two views of the State; Liberal and Marxian; and how to make comparison between the both.

CO6: Students will be able to know about the role of State in a Political system.

CO7: Students will be able to know about the meaning and characteristics of sovereignty under one person as well as under more than one person.

Semester II

CO1: Students will be able to know about the Political System in broad term rather than the traditional institutional methods that were studied.

CO2: Students will be able to know about the functions of the Political System.

CO3: Students will be able to learn about the meaning and the Theory of Rights; and its types.

CO4: Students will be able to learn about the meaning and nature of duties.

CO5: Students will be able to learn about the meaning and types of liberty.

CO6: Students will be able to understand about the actual meaning of equality in political context.

CO7: The students will learn about the theoretical aspect of Justice.

CO8: The students will learn about how the rule of the people (Democracy) works in the state.

CO9: Students will learn about the different theories of Democracy given by different thinkers.

Semester III

CO1: Students will be able to know about the Supreme Law of the Land (Constitution) made by people of India.

CO2: Students will be able to know about the Constitution of India in brief along with its ideals.

CO3: Students will be able to understand about the nature of the Constitution of India in brief.

CO4: Students will be able to know about the division of powers between the Centre and individual States.

CO5: Students will be able to know about the Fundamental Rights and Duties of the citizens provided by the Constitution of India.

CO6: Students will be able to know about the directions given to the State for Policy making by the Constitution of India.

CO7: Students will be able to know about the appointment, powers and the position of the Head of the State (President).

CO8: Students will be able to know about the composition and functioning of the supreme law-making body of the state (Parliament); and its two houses.

CO9: Students will be able to know about the composition, powers and functioning of the Supreme Court of India.

Semester IV

CO1: Students will be able to know about the Governor; and its powers as a symbol of checks and balances upon the powers of state by the Central Government.

CO2: Students will be able to know about the appointment, powers and the Position of the head of the Government (CM).

CO3: Students will be able to know about the composition and working of the Law-making body in the States (SLA).

CO4: Students will be able to know about the composition and powers of the High Court.

CO5: The students will be able to know about the working of the Party system In India.

CO6: Students will be able to know about the working of the Oldest Party in India (INC).

CO7: Students will be able to know about the Working of the Party System in India.

CO8: Students will be able to know about the direct impact of some informal factors like religion, caste and gender on the politics of India.

CO9: Students will learn about the impact of Reservation for Dalits on politics in India and their contribution in shaping Indian Politics.

CO10: Students will learn about the role of Election Commission as an independent body in conducting free and fair elections in India and the reforms done in recent times in electoral system of the country.

Semester V

CO1: Students will learn about the Comparative Politics and its theoretical framework.

CO2: Students will be able to know about the Constitution of Britain in brief and its ideals.

CO3: Students will learn about the nature of the Constitution of USA; functioning of it.

CO4: Students will learn about the President as Head of the state; and his powers in USA.

CO5: Students will be able to know about the composition and working of the supreme law-making body of the Country and its two houses (USA Congress).

CO6: Students will be able to know about the working of the Federal system in USA.

CO7: Students will be able to know about the comparative study of the two super powerful countries USA & UK and the institutions working in these countries.

Semester VI

CO1: Students will be able to know about the Politics working at the global level and its theoretical framework.

CO2: Students get to know about the Realist approach which is applied in dealing with international relations in real world.

CO3: With this chapter the students will get to know about the idealist approach in International politics and its theoretical aspect of the International Politics.

CO4: It tells about the sources of the power of a country in real sense. It describes both soft power as well as hard power.

CO5: With this topic, the students will learn about the ways how the balance is maintained among the power of different nations.

CO6: With this chapter, the students will learn the concept of collective security & its relevance in International Politics.

CO7: With this chapter, the students will learn about the conditions of international Politics during and after the ideological war between the two super powers at the world level.

CO8: With this chapter, the students will learn about the scenario of the world-Order, When there are mainly two super powers, only one super power, or more than two super powers are there and the nature of emerging world order.

CO9: With studying this chapter, the students will learn about the politics and alliances at the South Asia (SAARC).

CO10: By reading this chapter, the students get to know about the composition, powers and working of the European Union.

CO11: By reading this chapter, the students get to know about the composition, powers and working of United Nations Organization.

History

Semester: 1

COURSE: HISTORY OF INDIA UPTO 1000 AD

- CO1 Students will be able to know that Geographical features of India and their impacts of India, main sources of Indian history.
- CO2 Students will be able to know about the Harrapa civilization and its decline.
- CO3 Students will be able to know about the Aryan and Rigvedic civilization.
- CO4 Students will be able to know about later Vedic civilization and its life structure.
- CO5 Students will be able to know about Social & Religious reform movements and life of Mahavira and Mahatma Buddha.
- CO6 Students will be able to know about the Mauryan dynasty under Chandragupta and Asoka.
- CO7 Students will learn about Gupta dynasty, its rise under Samudragupta and decline under Chandragupta II.
- CO8 Students will be able to know about the establishment of Vardhan dynasty, Harsh empire and social, religious life.
- CO9 Students will be able to know about the South dynasties.
- CO10 students will know about the Rajput dynasty.

Semester: 2

COURSE: HISTORY OF INDIA, 1000 AD to 1707 AD

- CO1 Students will be able to know about invasions of Mahmood Ghaznavi and Mohammad Gauri and their impact.
- CO2 Students will be able to know about Slave dynasty.
- CO3 Students will be able to know about Khilji empire and various administrative reforms.
- CO4 Students will be able to know about Tughlaq.
- CO5 Students will come to know about Vijayanagar empire.
- CO6 Students will learn about the Mughal establishment under Babur.
- CO7 Students will come to know about administration of Sher Shah Suri.
- CO8 Students will come to know about various Rajput policies of the Mughals
- CO9 Students will be able to find about Maratha empire under Shiva ji and his conquests and administration.
- CO10 Student will be able to know about the Mughal administration; central and provincial.

Semester: 3

COURSE: HISTORY OF INDIA, 1707-1950

- CO1 Students will know about the causes of decline of Mughal empire.
- CO2 Students will be able to know how Britishers established British empire in India; main reforms.
- CO3 Students will be able to know about the First Battle of Independence of India in detail.
- CO4 Students will be able to know about the various socio-cultural movements of the 19th & 20th century.
- CO5 Students will be able to know about various British Agrarian policies in India.
- CO6 Students will come to know how Indians became aware about their political rights, Moderates, Extremists, and home rule movement.
- CO7 Students will be able to know about India's freedom struggle from 1919-1947.
- CO8 Students will be able to know under which circumstances India suffered partition; how the Princely states were integrated under India; salient features of Indian Constitution.

Semester: 4

COURSE: HISTORY OF PUNJAB 1469-1799

- CO1 Students will be able to know about Main Sources of Punjab History.
- CO2 Students will be able to know about socio, religious conditions of Punjab in 14th & 15th century; and teachings of Guru Nanak.
- CO3 Students will be able to know about Guru-gaddi period from Guru Angad Dev to Guru Arjun Dev ji.

- CO4 Students will be able to know about transformation of Sikhism from Guru Hargobind ji to Guru Tegh Bahadur.
- CO5 Students will come to know about Creation of Khalsa and its Significance; age and personality of Guru Gobind Singh.
- CO6 Students will come to know how Sikhs established their Independent rule under Banda Singh Bahadur; his Life and causes of failure.
- CO7 Students will be able to know about political struggle of the Sikhs against Zakariya Khan, Yahiya Khan and Mir Mannu.
- CO8 Students will be able to know about types of Misals; rules and their powers.

Semester: 5

COURSE: HISTORY OF THE WORLD (1500-1950)

- CO1 Students will be able to know about Renaissance and Reformation age.
- CO2 Student will learn about French Revolution; its main ideas and their impact.
- CO3 Student will be able to know about Napoleon Bonapart, his life, reforms & his downfall.
- CO4 Students will learn about Congress of Vienna and its significance
- CO5 Students will know about the rise of Nationalism & Unification of Italy and Germany & its significance.
- CO6 Students will learn how the Industrial Revolution came into being and its effects on World history.
- CO7 Students will be able to know about various aspects of World War I & its long lasting impacts.
- CO8 Students will know in detail about Russian Revolution of 1917 & its long lasting impacts.
- CO9 Students will be able to know about ideology of Nazism and Fascism and the World War II.
- CO10 Students will be able to understand important events of 20th century; Chinese Revolution of 1949; Modernization of Turkey under Kamala Pasha; Creation of Israel.
- CO11 Students will be able to know about important historical places & their location on World atlas.

Semester: 6

COURSE: HISTORY OF PUNJAB (1799-1966)

- CO1 Students will gain the basic knowledge about political condition of Punjab during the era of Maharaja Ranjit Singh.
- CO2 Students will be able to know how Ranjit Singh established a Sikh empire in Punjab.
- CO3 Student will be able to know relationship of Ranjit Singh with British empire.
- CO4 Student will be able to know about the administrative structure of Ranjit Singh's empire.
- CO5 Students will know about the Anglo-Sikh wars and Annexation of Punjab by Britishers.
- CO6 Students will be able to know Administrative services given by Britishers to the people of Punjab after annexation.

- CO7 Students will be able to know about types of socio religious reform movements in late 19th century.
- CO8 Students will be able to know about leading factors to the partition of Punjab and reorganization of Punjab.
- CO9 Students will be able to find about important place of Maharaja Ranjit Singh's kingdom and Anglo Sikh wars.

Geography

Semester 1

Course: Physical Geography-I: Geomorphology

- CO1: Students will be able to differentiate the discipline of geography from other Social, Natural and Biological Sciences.
- CO2: Students will be able to generalize the sphere of knowledge on the present situation of the Earth and location of continents and oceans.
- CO3: Students will be able to recognize the various layers and the physical properties of the Earth's interiors.
- CO4: Students will be able to determine various landforms and the rock material they are formed of along with their spread on the earth surface.
- CO5: Students will be able to determine the sudden processes working under the Earth surface; and recognize their impact on the earth surface.
- CO6: Students will be able to define about the various geomorphic processes and associated landforms; and learn to do comparative analysis.

Course: Practical Geography: Cartography- I

- CO1: Student will be able to describe the evolution of map making; and classification of the maps.
- CO2: Students will be able to point out the location of any place with the help of geometry of the earth surface; and identify the formation of day/night on the earth surface.
- CO3: Student will be able to calculate different type of scales and discuss their uses in the maps.
- CO4: Students will be able to represent the relief by various methods to differentiate between different types of landforms.
- CO5: Students will be able to discuss the true and magnetic north along with the procedures to find out the true north.
- CO6: Students will be able to conduct surveys.

Semester: 2

Course: Physical Geography-II: Climatology And Oceanography

- CO1: Students will be able to generalize the sphere of knowledge in climatic and atmospheric studies.
- CO2: Students will be able to detect the layers, gases of atmosphere and incoming solar radiations responsible for life on earth.

CO3: Students will be able to determine the factors and distributions of pressure systems, winds patterns and precipitation and their variations on earth surface.

CO4: Students will be able to examine the air circulation, atmospheric disturbance and related phenomenon occurring in earth's atmosphere.

CO5: Students will be able to generalize the sphere of knowledge in oceans and will be able to detect the landforms formed in the ocean basins.

CO6: Students will be able to detect the incoming solar radiations in the oceans as well as salt formations essential elements for flora and fauna.

CO7: Students will be able to determine the factors responsible and distributions of pressure systems: patterns of waves, tides and ocean currents and their variations on earth surface.

CO8: Students will be able to detect the oceanic deposits; their formation; oceans as store house of resources in the present and future.

Course: Practical Geography: Cartography – II

CO1: Students will be able to learn different methods of enlarging and reducing the maps.

CO2: Students will be able to interpret weather maps; classification of weather symbols; and the associated weather conditions.

Semester 3

Course: Geography (Resources and Environment)

CO1: Students will be able to describe the resource and environment geography by differentiating these two disciplines from other sciences.

CO2: Students will be able to discuss diverse resources and their ratios in reference to man-environment; the significance of resources.

CO3: Students will be able to identify the exploitation of resources in references to economic and technological development; measures to mitigate the problem.

CO4: Students will be able to define different types of hazards; measures to control the pollution; and their impacts on environment.

CO5: Students will be able to illustrate the distribution of varied physical and natural resources on the surface of the earth; their significance and methods to conservation by finding substitution of resources.

CO6: Students will be able to express the pattern of human resource on the earth and recent trends.

Course: Practical Geography (Cartography)

CO1: Students will be able to identify various methods to show quantitative as well as qualitative figures and how to generalize those in real life situations.

CO2: Students will be able to explain multiple types of data and learn to illustrate it on different types of maps.

Semester 4

Course: Geography of Punjab

CO1: Student will be able to express the evolution of the region along with its location on the map.

CO2: Student will be able to explain the natural resources; their distribution; impact of climate on the distribution of resources.

CO3: Students will be able to list the resources available in the regions of Punjab and the associated environmental hazards.

CO4: Students will be able to express the patterns of human resources on the earth and recent trends in urban population.

CO5: Students will be able to distribute the agricultural and industrial regions where the production of different crops and goods takes place; their associated problems regarding marketing.

CO6: Student will be able to recognize varied routes of transportation throughout the state; their distribution.

Course: Practical Geography (Cartography)

CO1: Students will be able to present different nature of data through columnar diagrams and Graphs.

CO2: Students will be able to interpret the topographical sheets by constructing varied relief features and drainage through the help of profiles and their uses.

CO3: Students will be able to explain the methods used in surveying and how to conduct any survey.

Semester 5**Course: World Regional Geography- I**

CO1: Students will be able to illustrate the distribution of varied physical and natural resources in different continents as well as their location on the maps.

CO2: Students will be able to express the pattern of human resource on the earth and recent trends thereof.

CO3: Students will be able to illustrate the distribution of varied natural and man-made resources as well as the production centers of agricultural crops and industrial goods and services within the continents.

CO4: Student will be able to recognize varied routes of transportations throughout the continents as well as their zones.

Course: Practical Geography: Map Projections

CO1: Student will be able to differentiate between the varied projections and will learn the use and choice of projections.

CO2: Students will learn the construction of the maps of tropical zone through the help of various cylindrical projections and their properties.

CO3: Students will be able to construct of the maps of temperate zone through the help of multiple type of conical projections and their properties.

CO4: Students will be able to illustrate the maps of polar area through the help of various zenithal projections and their properties.

CO5: Students will be able to construct the maps of whole earth through the help of various conventional projections and will draw their comparative analysis with recent projections.

Semester 6

Course: World Regional Geography- II

CO1: Students will be able to illustrate the distribution of varied physical and natural resources in different continents as well as their location on the maps.

CO2: Students will be able to express the pattern of human resource on the earth and recent trends thereof.

CO3: Students will be able to illustrate the distribution of varied natural and man-made resources as well as the production centers of agricultural crops and industrial goods and services within the continents.

CO4: Student will be able to recognize varied routes of transportations throughout the continents as well as their zones.

Course: Practical Geography: Field Methods in Geography

CO1: Students will be able to explain the importance and utilization along with the scope of field studies in real life.

CO2: Students will be able to categorize various types of data and the varied methods to collect the primary as well as secondary data.

CO3: Students will be able to observe real life situations while visit to the field and learn to collect the primary data by interviewing the people of any village/city/town, local market area, traffic flow or any service centre.

MUSIC (VOCAL)

SEMESTER-1

CO1 Students will be able to explain the basic knowledge of the history of music.

CO2 Students will be able to know about the basics of classical music in

practical way.

- CO3 Students will be able to know about the importance of Music.
- CO4 Students will be able to know biography & contribution of legends.
- CO5 Students will be able to explain the basic knowledge of the instruments.
- CO6 Students will be able to know the importance of Gurmat Sangeet.
- CO7 Students will be able to know about the basics of Ragas in practical way.
- CO8 Students will be able to know about the basics of Taals in practical way.

SEMESTER -II

- CO1 Students will be able to explain the basic knowledge of the history of Music.
- CO2 Students will be able to know about the basics of Classical Music in practical way.
- CO3 Students will be able to know about the importance of Voice in Music.
- CO4 Students will be able to know the biography & contribution of legends.
- CO5 Students will be able to explain the basic practical knowledge of the instruments.
- CO6 Students will be able to know the importance of Gurmat Sangeet.
- CO7 Students will be able to know about the basics of Ragas in practical way.
- CO8 Students will be able to know about the basics of Taals in practical way.

SEMESTER-III

- CO1 Students will be able to know about the basics of Taals in practical way.
- CO2 Students will be able to explain the basic knowledge of the history of music.
- CO3 Students will be able to know about the basics of classical music in practical way.
- CO4 Students will be able to know about the importance of Voice in Music.
- CO5 Students will be able to know the biography & contribution of legends.
- CO6 Students will be able to explain the basic knowledge of the instruments.
- CO7 Students will be able to know the importance of Gurmat Sangeet.
- CO8 Students will be able to know about the basics of Ragas in practical way.
- CO9 Students will be able to know about the basics of Taals in practical way.

SEMESTER-IV

- CO1 Students will be able to explain the basic knowledge of the history of music.
- CO2 Students will be able to know about the basics of Classical Music in practical way.
- CO3 Students will be able to know about the Nyas, Apnyas, Grah and Ansh through definitions.
- CO4 Students will be able to know about the Alaaps & Taans from definitions and through practical.
- CO5 Students will be able to know biography & contribution of Ustaaad Faiyaz Khan & Swami Harivallabh.
- CO6 Students will be able to explain the basic knowledge of the Folk Music of Punjab.
- CO7 Students will be able to know about the contribution of the Shri Guru Arjun Dev Ji in Gurmat Sangeet.
- CO8 Students will be able to know about the basics of Ragas in practical way.
- CO9 Students will be able to know about the basics of Taals in practical way.

SEMESTER –V

- CO1 Students will be able to explain the basic knowledge of the history of music.
- CO2 Students will be able to know about the basics of classical music in practical way.
- CO3 Students will be able to know about the Khatka, Kan, Murki and Andolan through definitions.
- CO4 Students will be able to know about the role of Computer & Internet in Music.
- CO5 Students will be able to know about the biography & contribution of Pt. Onkar Nath Thakur & Pt. Krishan Rao Shankar.
- CO6 Students will be able to explain the basic knowledge of the Tanpura & Sahayak Nad.
- CO7 Students will be able to know the importance of Music in Guru Granth Sahib.

CO8 Students will be able to know about the basics of Ragas in practical way.

SEMESTER-VI

- CO1 Students will be able to know about the basics of Taals in practical way.
- CO2 Students will be able to explain about the basic knowledge of the history of music.
- CO3 Students will be able to know about the Gayan Shailles in practical way.
- CO4 Students will be able to know about the development, merits & demerits of Notation of Hindustani Music.
- CO5 Students will be able to explain the basic knowledge of the Folk Music & Classical Music.
- CO6 Students will be able to know the biography & contribution of Pt. Krishna Rao Shankar & Pt. Dalip Chander Vedi.
- CO7 Students will be able to know about content of Gurmat Sangeet (Kirtaniya, Dhuni And Chownki) through definitions.
- CO8 Students will be able to know about the basics of Ragas in practical way.
- CO9 Students will be able to know about the basics of Taals in practical way.

PHYSICAL EDUCATION

SEMESTER-1

- CO1 It imparts knowledge to students about the physical fitness.
- CO2 It provides the knowledge about all-round development.
- CO3 Students will develop an appreciation of the concepts of fair play, honest competition and good sportsmanship.
- CO4 It will provide the opportunity to be inventive and creative in sporting activities.
- CO5 Students will develop an understanding of the importance of sports in the pursuit of a healthy and active lifestyle at the college level and beyond.
- CO6 Students will gain knowledge about the health and hygiene.
- CO7 Students will develop the healthy habits.
- CO8 Students will be able to aware the people about immunization program.
- CO9 Students will receive the first aid training.
- CO10 Students will gain the knowledge about sports and Olympic games, Asian games and Commonwealth.
- CO11 They will have knowledge about different stages of growth and development and about factors affecting growth and development.
- CO12 Students will gain the knowledge of heredity and environment and their effects on growth and development.
- CO13 Students will gain knowledge about personal hygiene.
- CO14 Students will attain the knowledge about kinesiology, anatomy, physiology, biomechanics, anthropometry and sports medicine.
- CO15 Students will attain the knowledge about body cell, cell structure and functions.
- CO16 Students will attain the knowledge about digestive system structure and its functioning.

- CO17 Students will attain the knowledge about athletics events; and its rules and regulations.
- CO18 Students will attain the knowledge about Football game and rules and regulations.
- CO19 Students will attain the knowledge about Volleyball game and rules and regulations.

SEMESTER –II

- CO1 It provides the knowledge about different stages of growth and development; about factors affecting of growth and development.
- CO2 It provides the knowledge of heredity and environment; their effect on growth and development.
- CO3 It provides the knowledge about personal hygiene.
- CO4 It provides the knowledge about kinesiology, anatomy, physiology, biomechanics, anthropometry and sports medicine.
- CO5 It provides the knowledge about body cell, cell structure and functions.
- CO6 It provides the knowledge about digestive system structure; and its functioning.
- CO7 It provides the knowledge about athletics events; and its rules and regulations.
- CO8 It provides the knowledge about Football game; its rules and regulations.
- CO9 It provides the knowledge about Volleyball game; its rules and regulations.
- CO10 Students will learn about importance of sports in children.
- CO11 Students will obtain the knowledge about different types of body.
- CO12 Students will attain knowledge about communicable diseases.
- CO13 Students will learn about sports terminology.
- CO14 It provides the knowledge about Skeleton system structure; and its functioning.
- CO15 It provides the knowledge about joint structure; and their functions.
- CO16 It provides the knowledge about sports institutions.

SEMESTER-III

- CO1 It provides the knowledge about Sports Authority of India.
- CO2 It provides the knowledge about Sports Indian Olympic Association.
- CO3 It provides the knowledge about formation and objectives of International Association of Athletics Federations.
- CO4 Students will learn about effects of drugs on society.
- CO5 Students will gain knowledge about effects of different types of doping in sports.
- CO6 It provides the knowledge about importance of warm-up and cool-down in sports.
- CO7 It provides the knowledge about Long Jump event; rules and regulations.

- CO8 It provides the knowledge about Hockey and Basketball game; rules and regulations.
- CO9 It provides the knowledge about various sports awards.
- CO10 Students will learn about theories.
- CO11 Students will learn about importance of play.
- CO12 Students will learn about childhood growth and development.
- CO13 Student will learn about Adolescence stage; mental and physical development.
- CO14 Student will learn about growth and development according to age and sex differences.

SEMESTER-IV

- CO1 Students will learn about history of yoga; and its importance.
- CO2 Students will learn about effect of Pranayam on sports performance.
- CO3 Students will learn about how to clean internal body.
- CO4 Students will learn about effect of physical asanas on body.
- CO5 Students will have knowledge about functioning Endocrine system.
- CO7 Students will learn about Asanas.
- CO8 Rules and regulations, layout and techniques of Kabaddi game.
- CO9 Rules and regulations, layout and techniques of Shot Put event.
- CO10 Students will know about relationship between sports and psychology.
- CO11 Students will have knowledge about method of learning in sports.
- CO12 Students will learn about required knowledge to learn new skill.

SEMESTER –V

- CO1 Students will learn about external and internal motivation.
- CO2 Students will learn about various types of personality.
- CO3 Students will have knowledge about First Aid.
- CO4 Students will learn about classification of muscles; and their functions.
- CO5 Students will learn about structure; and functioning of heart.
- CO6 Students will have knowledge about sports injuries and preventions.
- CO7 Students will learn about layout and techniques of High Jump event; its rules and regulations.
- CO8 Students will learn about layout and techniques of Discus Throw event; rules and regulations.
- CO9 Students will learn about layout and techniques of Kho-Kho game.
- CO10 Students will have knowledge about introduction, aims, objectives, types, principles, importance and agencies providing recreation.
- CO11 Students will know about introduction, objectives, importance, types, and layout of campsite and organization of camps; Athletic meet; introduction, planning, organization and importance.
- CO12 Students will have knowledge about introduction, importance, types, qualities and responsibilities of leader.

SEMESTER-VI

- CO1 Students will have knowledge about good and bad posture.
- CO2 Students will learn about introduction, causes and corrective measures for Spinal Deformities (Kyphosis, Lordosis and Scoliosis), Foot and Leg Deformities (Flat Foot, Knock Knee and Bow Legs).
- CO3 Students will learn about importance of physics in sports.
- CO4 Students will learn about introduction, structure & functioning of Respiratory System.
- CO5 Students will have knowledge about introduction, and techniques of measurement.
- CO6 Students will know about qualities of Physical Education teachers; career opportunities in Physical Education as a profession; courses offered and institutions available for Physical Education in India.
- CO7 Rules and regulations, layout and techniques of Handball game.
- CO8 Rules and regulations, layout and techniques of Badminton game.
- CO9 Rules and regulations, layout and techniques of Javelin event.
- CO10 Students will know about tournament.
- CO11 Students will know about introduction, importance and organization.
- CO12 Students will know about Major Dhyan Chand, S. Milkha Singh, Prof. Ajmer Singh, P.T. Usha, Leander Paes and Abhinav Bindra.

Computer Applications

Semester I

BIT-101: FUNDAMENTALS OF INFORMATION TECHNOLOGY

- CO1 Students will be able to understand the working of the computer system and different categories of computer along with their features and generations.
- CO2 Students will be able to identify different components of input and output devices attached with the computer system.
- CO3 Students will be able to describe memory hierarchy used in computers for data storage.
- CO4 Students will be able to outline types of software used for various purposes.
- CO5 Students will be able to describe the difference among languages used in computer system.
- CO6 Students will be able to explain different types of number system and its conversion and various operations performed on number system.
- CO7 Students will be able to navigate and search through the internet.

BIT-102: PRACTICAL BASED ON PAPER BIT-101

- CO1 Students will be able to know about the installation of Windows, Software and drivers.
- CO2 Students will be able to work on basic components of Windows.

- CO3 Students will be able to do work on different accessories of Windows.
- CO4 Students will be able to connect to the Internet and work on Internet via web surfing and creating Web Blogs and Web portals.
- CO5 Students will be able to Create account and use different social media sites.

Semester II

BIT-103: MS-OFFICE AUTOMATION TOOLS

- CO1 Students will be able to know about the MS-Office; characteristics and its layout.
- CO2 Students will be able to create high quality document designs and layouts in Microsoft Word with formatting.
- CO3 Students will be able to use the Mail Merge Wizard to perform mail merges.
- CO4 Students will be able to create a presentation in Microsoft PowerPoint by including text, graphics, animation, and transitions.
- CO5 Students will be able to create Worksheet by entering data and construct formulae, including the use of built-in functions, and relative and absolute references.
- CO6 Students will be able to understand how Access is used and how to navigate around it.
- CO7 Students will be able to create a database structure using Access.
- CO8 Students will be able to modify the structure of an existing table.

BIT-104: PRACTICAL BASED ON PAPER BIT-103

- CO1 Students will be able to know about the MS-Office; characteristics and its layout.
- CO2 Students will be able to create high quality document designs and layouts in Microsoft Word with formatting.
- CO3 Students will be able to use the Mail Merge Wizard to perform mail merges.
- CO4 Students will be able to create a presentation in Microsoft PowerPoint by including text, graphics, animation, and transitions.
- CO5 Students will be able to create Worksheet by entering data and construct formulae, including the use of built-in functions, and relative and absolute references.
- CO6 Students will be able to understand how Access is used and how to navigate around it.
- CO7 Students will be able to create a database structure using Access.
- CO8 Students will be able to modify the structure of an existing table.

Semester III

BAP 201: PROGRAMMING IN C AND DATA STRUCTURING

- CO1 Students will be able to understand the fundamentals of C programming.
- CO2 Students will be able to choose the loops and decision making statements to solve the problem.
- CO3 Students will be able to use functions to solve the given problem.
- CO4 Students will be able to understand pointers, structures and unions.
- CO5 Students will be able to explain fundamental concepts of Data structures, space complexity and time complexity.
- CO6 Students will be able to apply different Operations on arrays.
- CO7 Students will be able to design linear data structures stacks, queues and linked lists.
- CO8 Students will be able to implement different searching and sorting techniques; comparison in different searching and sorting techniques.

BAP 202: PRACTICAL BASED ON PAPER BAP 201

- CO1 Students will be able to do basic program using Turbo C.
- CO2 Students will be able to do program of Array.
- CO3 Students will be able to do programming implementation of functions, structures, and pointers.
- CO4 Students will be able to do programming implementation of searching and sorting.

Semester IV

BAP 203: DATABASE MANAGEMENT SYSTEM

- CO1 Students will be able to learn the concept of traditional file system.
- CO2 Students will be able to learn the concept of DBMS and its architecture; DBA and its responsibilities.
- CO3 Students will be able to study the physical and logical database designs; database modeling; relational, hierarchical, and network models.
- CO4 Students will be able to explain the keys used in creating database.
- CO5 Students will be able to learn how relationships between entities are defined and refined; and how such relationships are incorporated into the database design process.
- CO6 Students will be able to apply relational database theory; and describe relational algebra expression, tuple and domain relation expression from queries.
- CO7 Students will be able to apply and relate the concept of transaction, concurrency control and recovery in database.
- CO8 Students will be able to identify the elements of good database design.
- CO9 Students will be able to create and use tables, queries, simple reports and forms.

BAP 204: PRACTICAL BASED ON PAPER BAP 203

- CO1 Students will be able to create database and work with database.
- CO2 Students will be able to create and use tables, queries, simple reports and forms.
- CO3 Students will be able to create forms and perform different operations such as sorting and filtering.
- CO4 Students will be able to create reports and how to use Macros.

Semester V

BAP-301: OBJECT ORIENTED PROGRAMMING USING C++

- CO1 Students will be able to understand the difference between the top-down and bottom-up approach.
- CO2 Students will be able to understand the features of C++ supporting object oriented programming.
- CO3 Students will be able to obtain an understanding of and an ability to use data types, variables, and arithmetic operators.
- CO4 Students will be able to use conditional statements and loops structures.
- CO5 Students will be able to obtain an understanding of the use of arrays and pointers.
- CO6 Students will be able to describe the concept of function overloading, operator overloading, and virtual functions.
- CO7 Students will be able to learn how to design C++ classes for code reuse.
- CO8 Students will be able to learn how to implement different constructors, destructors and class member functions.
- CO9 Students will be able to obtain an understanding of the concept of inheritance.
- CO10 Students will be able to understand how to apply the polymorphism concepts object oriented programs in C++.

BAP-302: OBJECT ORIENTED PROGRAMMING USING C++

- CO1 The students will be able to make Programming implementation on basic C++.
- CO2 The students will be able to use WAP to demonstrate the use of Storage classes.
- CO3 The students will be able to use WAP to demonstrate the use of Arrays.
- CO4 The students will be able to use WAP to demonstrate the use of Pointers.
- CO5 The students will be able to use WAP to demonstrate the use of Functions in C++.
- CO6 The students will be able to use WAP to demonstrate the use of classes.
- CO7 The students will be able to use WAP to demonstrate the use of Constructors and Destructors.
- CO8 The students will be able WAP to demonstrate the use of Inheritance.
- CO9 The student will be able to use WAP to demonstrate the use of Polymorphism.

Semester VI

BAP-303: INTRODUCTION TO COMPUTER NETWORK AND INTERNET PROGRAMMING

- CO1 Students will be able to discuss the applications of computer network; its goals and its types.
- CO2 Student will be able to explain the types of transmission media with real time applications.
- CO3 Students will be able to get familiar with the basics of the Internet Programming.
- CO4 Students will be able to acquire knowledge and skills for creation of website considering both client and server side.
- CO5 Students will be able to gain ability to develop responsive web applications and to explore different web extensions and web services standards.
- CO6 Students will be able to explain the architecture of E-mail; and its various aspects.
- CO7 Students will be able to discuss about various threats; its preventions and solutions.
- CO8 Students will be able to understand how to use HTML tags and tag attributes to control a Web page's appearance.
- CO9 Students will be able to learn how to combine basic HTML elements to create Web pages.
- CO10 Students will be able to find out how to use tables and frames as navigational aids on a Website.
- CO11 Students will be able to learn how to add Absolute URLs, Relative URLs, and named anchors to web pages.
- CO12 Students will be able to learn how to use hyperlinks, images and to create forms.

BAP-304: PRACTICAL BASED ON PAPER BAP_303

- CO1 Students will be able to understand how to use HTML tags and tag attributes to control a web page's appearance.
- CO2 Students will be able to learn how to combine basic HTML elements to create web pages.
- CO3 Students will be able to find out how to use tables and frames as navigational aids on a website.
- CO4 Students will be able to learn how to add Absolute URLs, Relative URLs, and named anchors to web pages.
- CO5 Students will be able to learn how to use hyperlinks, images and to create forms.