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HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN DAKSHINESHWAR KOLKATA-700 035

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Course Outcome Session 2021-2022


20/02/2023

Dr. Soma Ghosh

Principal

Principal

Hiralal Mazumdar Memorial College
For Women
Dakshineswar, Kolkata-700 035

Hiralal Mazumdar Memorial College For Women

Department of Chemistry

Session: 2021-2022

Name of the Academic Program: BSC CHEMISTRY

Program Code: B.Sc. Honours

Course Code: CC

Course Title: Inorganic Chemistry

Course outcome(Cos)

After completion of this course successfully, the students will be able to understand

CEMACOR03T:	Atomic Structure, Periodic table, Acid Base and Redox reactions
CEMACOR03P:	Hands-on training on basic experiments related to Acid- base titration and oxidation -reduction titration
CEMACOR06T:	Ionic bond, Covalent bond, Molecular orbital and Radioactivity
CEMACOR06P:	Hands-on training on basic experiments related to Iodo-/Iodometric titration, estimation of metal content in some selective sample.
CEMACOR09T:	Main group chemistry, synthesizing inorganic materials, inorganic polymer
CEMACOR09P:	Conductometric titrations and their calculations, Volumetric analysis and Synthetic methods for preparing inorganic compounds and characterize those compounds.
CEMACOR11T:	Coordination compounds, Effective Atomic Number Theory and Werner Complexes, properties of coordination compounds. lanthanides and actinides.
CEMACOR11P:	Complexometric titration, Chromatography and Gravimetric method.
CEMACOR13T:	Bioinorganic chemistry, Organometallic Chemistry, Reaction Kinetics and Mechanism
CEMACOR13P:	Qualitative semimicro analysis of mixtures containing four mixture

HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN

Dakshineswar, Kolkata, West Bengal 700035

Department of Commerce (B.Com General)

Academic Session 2021-2022

COURSE OUTCOME

The orthodox definition of Commerce is the exchange or buying and selling of goods and services, commodities on a larger scale. The study of commerce subjects inculcate the knowledge of accounting, costing, taxation, management to the students so that they are equipped about the financial statements and positions of a company and also provides them an opportunity for self financial security. Basically the financial markets and structure is quite complex and large, hence the general degree course helps the students in gaining a forehand knowledge about the financial structure of a concern and industry. The UG course of B.Com (general) is the concoction of both practical and theory papers. The course also acts as a gateway to various professional courses like C.A, C.S, C.M.A and M.B.A.

B.COM(General) Courses.

UNDER THE CHOICE BASED CREDIT SYSTEM (CBCS)

Semester and Paper Code	Paper Name	Course Outcome
<u>Semester – I</u> FACGCOR01T	Financial Accounting I	The main idea of the subject is to give a basic idea about the accounting procedures, techniques, concepts and conventions, GAAP, Accounting standards, IFRS, preparation of books of accounts of sole-proprietorship, partnership form of business and N.P.O, determination of business income etc.
FACGCOR02T	Principles & Practice of Management	The subject gives an idea about the basic theory of

		Management and an elaborate study about its functions, viz. planning, organizing, directing, staffing, motivation, co-ordination and control.
<u>Semester – II</u>		
FACGCOR03T	Cost & Management Accounting	This paper gives the students an idea about the cost and costing methods, concepts, and essentiality of good cost accounting system. Student learns about the calculations of various material cost methods, labour employee costing methods and its incentive systems, cost book keeping, cost statements, and various costing methods.
FACGCOR04T	Business Mathematics & Statistics	The applicability of mathematics and statistics models in business scenario and solving business problems can be done by studying business mathematics and statistics. Student get to learn about the calculation of Matrices and Determinants, Set theory, Basic Mathematics for Finance (functions and their types, limit and continuity of functions, maxima and minima relating to cost revenue and profit, Different types of Interest Rates, concept of Present Value – Present Value and Annuity,

		Compounding & Discounting, amount of Annuity – Valuation of Simple Loans), Basics of statistics , bivariate and multivariate analysis , measure of central tendency and time based data.
<u>Semester – III</u>		
FACGCOR05T	Business Regulatory Framework	This subject explains about the various laws and regulations pertaining to the agreement and contracts made between two and more associates. Student gets to learn about the Indian Contract Act 1872 , The Sales of goods Act 1930 , The Negotiable Instrument Act,1881 ,Partnership Act 1932 , Consumers Protection Act,1986 and Electronic Commerce Act, 1998
FACSSEC01M	Information Technology & its Business Application	Computer and computerized accounting is an important part in modern day accounting as modern financial software's made accounting, storage and retrieving of data more easy. In this subject student get to learn about the basic terms and peripherals of computers ,Ms-office ,hardware's ,information technology in business ,word processing's ,preparing presentations ,spreadsheets etc.
FACGCOR06T	Financial Accounting II	This course is the advanced

		version of FA I taught in semester I. Students in this course get to know about the various accounting procedures like preparing Partnership accounts ,Hire purchase accounts ,Departmental accounting ,Investment valuations and computing etc.
<u>Semester – IV</u>		
FACSSEC02M	Tax Returns & Filing of Tax Returns	This course specifically focuses on the filing of annual returns through computerized accounting system. This course imparts the knowledge of Procedure for application of PAN/TAN, Defective Return, Revised Return, Belated Return, Provisions regarding TDS from salary, interest on securities, horse racing, lottery, Interest- Interest u/s 234A, 234B, 234C, Preparation and submission of the Income Tax Returns (ITR-1 and ITR-2) offline/online for individual taxpayer, EVC.
FACGCOR07T	Direct & Indirect Taxation	In this course students learn about the various concepts of direct and indirect taxation. Students in this course acquire knowledge about the computation and preparation of Income from salaries , Income from house property , computation of profits and gains from business and profession Due date of filing return, different types of returns, PAN, TDS , Different types of assessment , Exempted income – u/s 10(1),

FACGCOR08T	Business Economics	<p>10(10), 10(10A), 10(10AA) etc. Students are also given an overview of GST module viz. types, concepts and calculations.</p> <p>Economics has always been useful in day to day activities. Business economics focuses on Consumer theory , Study of demand analysis and determinants of supply along with market equilibrium and price determination ,Production and cost concept ,Various market structures and forms etc.</p>
<p style="text-align: center;"><u>Semester – V</u></p> <p>FACGGEC01T</p> <p>FACSSEC03M</p>	<p>Auditing</p> <p>Entrepreneurship Development</p>	<p>Auditing and assurance helps the students in gaining knowledge and motivate them to work as an auditor.The course focuses on the work practice and procedure of how an auditor works , books verification procedure ,vouching techniques , correctness of frauds and errors , preparation of audit reports and certificates , and how to conduct audit of different institution.</p> <p>This course makes the student learn about the work and factors to be good entrepreneurs, sustainability of</p>

FACSSEC04M	Business Communication & e-commerce	<p>given lessons about product pricing methods, distribution channels and methods, fundamentals of HRM, acquisition and development etc.</p> <p>In the course students are given knowledge about the various communication methods done in a business ,its channels , corporate communication and its importance , modern forms of communications, drafting of letter , notice , c.v. , e-commerce business models etc.</p>
FACGDSE01T	Financial Statement Analysis	<p>The course highlights the importance in preparation of various necessary financial statements used in companies for gauging profits and distress. Students are made learnt about the preparation of cash flow statement, fund flow statement, ratio analysis for measuring liquidity, profitability and solvency of a concern, computation of equity analysis, measuring and computing financial distress and its methods, etc.</p>
FACGDSE02T	Business Ethics & Corporate Governance	<p>This course imparts knowledge about appropriate</p>

		business policies and practices regarding potentially controversial subjects including corporate governance, insider trading, bribery, discrimination, corporate social responsibility, and fiduciary responsibilities , American, European, Japanese and Indian models of corporate governance etc.
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HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN

Department of Bengali

COURSE OUTCOME

Session 2021-22

Bengali literature provides the opportunity to the students to gain knowledge regarding Indian Culture and social aspects. The text through multiple perspective and various contexts will be helpful for students to develop their personal and professional capability. On successful completion of the programme the students will develop professional abilities through effective communicative skills, students will be socially and culturally responsible citizens.

Course	Outcome
<p>SEMESTER – I</p> <ul style="list-style-type: none">• CC-1: BANGLA SAHITTER ITIHAS (PRACHIN O MODHYO)• CC-2: BOISHNAB PODABOLI , SAKTO PODABOLI, CHOITANYA BHAGBAT, CHONDIMONGAL	<p>Students can gather knowledge in depth, in the context of PRACHIN O MODDHO JUG of Bengali Literature and students can also Specify the philosophy of BAINAB PADABOLI, SHAKTO PADABOLI, CHAITANYA BHAGBAT, and can understand in details with examples the context of CHANDI MONGAL KABYA.</p>
<p>SEMESTER-II</p> <ul style="list-style-type: none">• CC-3: BHASA SAHITTER ITIHAS, BHASA TATTO• CC-4: ADHUNIK JUG<ul style="list-style-type: none">○ GODDYO O PROBONDHO○ NATOK○ KOBITA○ KOTHA SAHITYA	<p>Students can develop their knowledge about BANGLA BHASA SAHITTER ITIHAS O BHASATATTO and also can gain knowledge about the various pattern of Bengali Literature in Modern Age.</p>
<p>SEMESTER- III</p> <ul style="list-style-type: none">• CC-5:CHANDA OLANKAR: SANGA O NIRNOY• CC-6: RONGOMANCHER ITIHAS CONTEXT<ul style="list-style-type: none">○ RAJA○ KRISHNAKUMARI○ NABANNA• CC-7: CONTEXT<ul style="list-style-type: none">○ SAMMYA○ BISHWA PARICHAY○ PRAMATHA CHOWDHURYR PROBONDHO SANGRAHA○ APONKOTHA	<p>The students can identify the exact ALONKAR and scanning the CHANDA of Bengali Text. Various era of Bengali literature which can reflect our society, the knowledge can be gathered by the students with the help of detail contexts.</p>
<p>SEMESTER-IV</p> <ul style="list-style-type: none">• CC-8: CONTEXT<ul style="list-style-type: none">○ MEGHNAD BADH○ SANCHAYITA○ JIBANANDER SRESTHO KOBITA○ EKALER KOBITA SANCHAYAN• CC-9: CONTEXT<ul style="list-style-type: none">○ GHARE BAIRE○ PRACHIN SAHITYA	<p>The glorious era of Bengali literature in modern age, students can perceive about that, with the help of respective texts.</p>

<ul style="list-style-type: none"> ○ CHELEBELA ○ RUSSIAR CITHI ● CC-10: KABBYER RUPOBHED O NATOKER RUPOBHED CONTEXT <ul style="list-style-type: none"> ○ KABYA JIGGASHA ○ SAHITYA 	
<p>SEMESTER-V</p> <ul style="list-style-type: none"> ● CC-11: CONTEXT <ul style="list-style-type: none"> ○ RAJSINGHA ○ GANADEBOTA ○ PATHER DABI ○ PADMA NODIR MAJHI ● CC-12: CONTEXT <ul style="list-style-type: none"> ○ RABINDRA CHOTO GOLPO ○ SUBODH GHOSHER SRESTHO GOLPO ○ SWADHINOTA PURBOBORTI CHOTO GOLPO ○ SWADHINOTA PAROBORTI CHOTO GOLPO ● DSE 1: CONTEXT <ul style="list-style-type: none"> ○ KRITIBASHI RAMAYAN ○ PIPLAIER MANOSHAMONGAL ○ DWIJAMADHABER MONGOLCHONDIR GEET ○ BHARAT CHANDRER ONNODAMONGAL ● DSE 2: CONTEXT <ul style="list-style-type: none"> ○ MUCHIRAM GURER JIBONCHORIT ○ PRACHHYA O PASCHATTYA ○ PANCHOBHUT ○ BUDDHADEB BOSUR PROBONDHO SONKALON 	<p>Students can wit about our History of Freedom (Prior and After) and can perceive the changes of their surroundings in various dimension like Socio-Economic, Political and also in human consciousness.</p> <p>Students can learn our Mythical and Literary Heritage in the context of our Medieval Creative Literature.</p>
<p>SEMESTER-VI</p> <ul style="list-style-type: none"> ● CC-13: <ul style="list-style-type: none"> ○ SANSKRITO SAHITTER ITIHAS ○ ENGRAJI SAHITTER ITIHAS ○ HINDI SAHITTER ITIHAS ○ ASSAMIA SAHITTER ITIHAS ● CC-14: CONTEXT <ul style="list-style-type: none"> ○ DESHE BIDESHE ○ HE PURNO TOBO CHORONER KACHE ○ ENGLAND E BONGO MOHILA ○ EUROPE PROBASHIR POTRO 	<p>Students can acquire knowledge about the history of Literature of other languages like Sanskrit, English, Hindi and Assamese.</p> <p>Students can develop their energies, interest and knowledge in tours and travels with the help of context of the glorious travel stories in Bengali Literature.</p>

<ul style="list-style-type: none"> • DSE 1: CONTEXT <ul style="list-style-type: none"> ○ CHANDRAGUPTA ○ PHERARI FOUZ ○ SANMARGO SAMPARJA ○ PHULLOKETUR PALA • DSE 2: CONTEXT <ul style="list-style-type: none"> ○ ASHANI SANKET ○ AGUN PAKHI ○ MANNWANTAR, DESH BIBHAG, DANGAR ITIHAS ○ MANNWANTAR, DESH BIBHAG, DANGA JONITO CHOTO GOLPO 	<p>Students can develop their knowledge in many dimension of Bengali literature. The various era of our society, its ups and downs, which can influence our Bengali literature, student can perceive about that. Which helps to rise the social and cultural sense of our students.</p>
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Semester	Paper Code	Paper	Course Outcome
Semester 1	MUCACOR01T and 01P MUCACOR02T and 02P MUCGCOR01T and 01P	Study on elementary theory and brief practical knowledge about Raga and Tala.(Hons and Gen) Basic knowledge of Indian musical theory and practical.	Study of these papers help the students(Hons and Gen both) to gain the potential knowledge about Indian Raga music.
Semester 2	MUCACOR03T and 03P MUCACOR04T and 04P MUCGCOR02T and 02P	History of Indian musical theory and practical evidence. Basic theory of music (Gen). Knowledge of Tala with theory and practical applications.	Definition of various musical turms, theories and fundamental conception are gained the musical knowledge in students.
Semester 3	MUCACOR05T and 05P MUCACOR06T and 06P MUCACOR07T and 07P MUCSSEC01M MUCGCOR03T and 03P MUCGCOR03T and 03P	Evolution of Indian Music Basic knowledge of Bengali songs and Rabindrasangeet (Theory and Practical) Instrumentes repairing activities. History of Indian music(Th and P).(Gn	Through the knowledge of musical evolution in Indian Music as a form of Bengali puratani, ragashrayee, Rabindrasangeet etc.students acquired the root of Indian Music. Repairing knowledge of musical instruments help the students to self employment in further life.



Semester 4	<p>MUCACOR08T and 08P</p> <p>MUCACOR09T and 09P</p> <p>MUCACOR10T and 10P</p> <p>MUCSSEC02M</p> <p>MUCGCOR04T and 04P</p>	<p>Theory of western and Karnataki Music</p> <p>Theory of tala and it's applied forms in song.</p> <p>Variety of Rabindrasangeet and Bengali songs(Th and P).</p> <p>Notation reading and writing.</p> <p>Variations in Rythem and Tala</p> <p>Life sketch of musical personalities.</p>	<p>Apart from Hindustani music the knowledge of Western and Karnataki music help the student to gain profound knowledge in other zoners.</p> <p>Culture of Rabindrasangeet help the student not only music but also the philosophy of life.</p> <p>Culture of rythem and Tala improve the basic layakari</p>
Semester 5	<p>MUCACOR11T and 11P</p> <p>MUCACOR12T and 12P</p> <p>MUCADSE01T and 01P</p> <p>MUCADSE02T</p> <p>MUCADSE03T</p> <p>MUCGGEC01T</p> <p>MUCSSEC03M</p> <p>MUCGDSE01T</p> <p>MUCGDSE02T</p>	<p>Musicology and its application in music.</p> <p>Study on musical accoustics.</p> <p>Harmonium accompaniment and tuning of Taanpura.</p> <p>Music and Psychology.</p> <p>Science and music interrelation.</p> <p>Concep of Raga and Tala.</p> <p>Variations in Rythem.</p> <p>Provincial folk songs.</p> <p>Raga based puratani Bengali songs.</p>	<p>Study of musicology, musical accoustics, psychology and musical interrelation help to gain proper aptitude in musical theory.</p> <p>Harmonium accompaniment help the student as self establishment in future life as a musician.</p> <p>Study on provincial folks help the student to gain the knowledge about diversity of Indian folk music.</p> <p>Puratani Bengali song helps the students to gain the knowledge about the essence of Bengal and it's musical</p>



			traditions.
Semester 6	MUCACOR13T and 13P MUCACOR14T and 14P MUCADSE04T and 04P MUCADSE05T MUCADSE06T MUCGGEC02T MUCSSE04M MUCGDSE03T MUCGDSE04T	Indian music and musical personality. Musical Aesthetics Harmonium accompaniment and tuning of Taanpura. Music and Psychology interrelation. Social aspects of Music. Knowledge of Rabindrasangeet including folk song. Stage performance. Study of regional folk song. Study of patriotic song.	Life sketch of scholars, Musical aesthetics, social aspects of musical periphery help the students to get sound knowledge which will payback in their higher studies. The stage performance is the last frontier and also a platform to prove the students as a future successful musician. It also helps to overcome their nervousness and anxieties during performance.

Department of Music

Session 2021-22

Course Outcome

Bachelor of Music provides the scopes to the students to obtain the profound knowledge in every aspects in music with both way of theoretical and practical endeavour. This course will be helpful for students to develop their personal and professional skills in music. The guru-sishya relationship in between teacher and students like a homely circumstances in class room make the learning effective. After successful completion of the course the students will develop professional skills and abilities in further life.



COURSE OUTCOME FOR DEPARTMENT OF HISTORY

The envisaged outcome of the CBCS syllabus of History designed for undergraduate level pupils interested to take up history as their graduation subject is to provide the students with an idea of how and when the Homo Sapiens emerged as one specie and how this specie evolved in stages to produce the History of the Human civilization as we know it today. It focusses on history of India from the period of pre-history to modern times and history of other countries apart from India like Europe, China ,Japan, etc. enabling students to study in comparison for a better understanding and in depth knowledge. This helps them to describe the social, economic, political, religious and cultural interests in a comprehensive study of the past. History is a subject that prepares students for a variety of situations. Through lessons learned in the past, one can prepare for every eventuality in life.

Paper Code	Course Code	Course Title	Course Outcome	Sem
HISACOR01T	HISA	Paper I: History of India-I (From Earliest Times to c.300 BCE)	Students will get in depth knowledge regarding the early life and society, political ,cultural condition, trade and urbanization of the people of Ancient India.	1st
HISACOR02T	HISA	Paper II: Social Formations & the Cultural Pattern of the Ancient World.	Students will be able to comprehend about the evolution of human Society & how the society of agricultural and animal husbandry had begun in Ancient Times. Also they shall gain knowledge about the ancient Greek and Roman society.	
HISGCOR01T	HISG	Paper I: History of India from the Earliest Times upto c.300 CE	To give an overall knowledge regarding the early life and socio- cultural status of the people of ancient India.	
HISACOR03T	HISA	Paper III: History of India- II (From c.300BCE – 750CE)	Main focus will be on the economic change of India during this time frame. The intensification of Indian feudalism and evolution of the political structures of early-medieval north and south India. Also they will study how the	2nd

			early Indian society , culture, religion and agrarian structures was transmuted with the advent of the Islam and finally the establishment of the Sultanate of Delhi in 1206.	
HISACOR04T	HISA	Paper IV: Social Formations & the Cultural Patterns of the Medieval World	This core deals with religion, culture, literature and philosophy of the ancient Roman civilization, crisis of the Roman Empire and economic, social and religious development of the medieval European society. They will learn economic developments in Europe from the 7th to the 14th centuries. The last module throws light on the development of Societies in Central Islamic Lands	
HISGCOR02T	HISG	Paper II: History of India from c.300 CE to 1206 CE	Students will learn about the rise and growth of Gupta Empire, details of Harsha's regnal years , South Indian polity,society,economy. Change of the society with the advent of early medieval era. Coming up of regional powers,Arabs in Sindh and establishment of Sultanate.	
HISACOR05T	HISA	Paper V : History of India-III (c.750 CE-1206 CE)	They will study in depth the rise & Growth of the Gupta's Empire in ancient India and the rise of regional powers in different parts of India after collapse of the Kingdom. They shall obtain knowledge regarding the society, economy and culture in early medieval India and the Arab conquest of Northern India. This paper also sheds light on the changing religious and cultural situations with the advent of the Islam. Furthermore they will learn in details how the Delhi Sultanate was established in 1206.	3rd
HISACOR06T	hisa	Paper VI: Rise of the Modern West-I	This paper deals with the transition of European society and economy from feudalism to capitalism, rise of Renaissance in Italy and spread of humanism in Europe , results of the European Reformation in the 16th century and change of economic equilibrium and also the emergence of European state system like	
HISACOR07T	HISA	Paper VII – History of India-IV	This paper covers entire Sultanate history right from its interpretation of various sources, Sultanate & regional	

		(1206 CE– 1526 CE)	Political Structures, Sultanate Society and Economy and development of Religion and Culture.	
HISGCOR03T	HISG	Paper IV – History of India (1206 CE– 1707 CE)	Students will learn about the foundation, expansion and consolidation of the Delhi Sultanate, nature of the state, nobility and the Ulemas. Coming of the Mughals and their rule upto 1707 and their polity, economy, Religion, Art, Architecture and Society.	
HISACOR08T	HISA	Paper VIII: Rise of the Modern West - II	Students will learn about the European crisis as well as the English Revolution, major issues like political and intellectual currents in 17th century, the rise of modern science in Europe , Renaissance and the European politics in the 18th century. They will study the fore coming of Industrial Revolution in England and other European countries.	4 th
HISACOR09T	HISA	Paper IX: History of India- V (1526 CE– 1757 CE)	This throws light on Mughal empire – its sources, Establishment, Consolodation, Mughal Art, Architecture & Painting and patterns of Regional Politics	
HISACOR10T	HISA	Paper X - History of India-VI (1757 CE - 1857 CE)	This paper deals with Foundations of Company’s Rule,its Legitimization, Rural Economy and Society, deindustrialization , Renaissance and Reforms and popular resistance movements against British.	
HISGCOR04T	HISG	Paper IV- History of India (1707- 1950)	This paper starts with interpretation of 18 th century followed by emergence of independent states, expansion and consolidation of colonial powers,1857 revolt, colonial economy, socio religious movements, nationalism, communalism and advent of freedom.	
HISACOR11T	HISA	Paper XI: History of Modern Europe -I (1789 CE- 1919 CE)	They will learn about the French Revolution and its European repercussions, Restoration and Revolution and it’s effect on socio economic transformation of Europe. They will know about the Age of Nationalism , The Eastern Question , politics of super power among the European countries, Imperial Expansion and the first world war and its impact.	

HISACOR12T	HISA	Paper XII- History of- History of India-VII (1858 CE - 1947 CE)	This paper imparts details regarding 1857 revolt, The early phase of Indian Freedom Movement, The Gandhian era, Government of India Act 1935, The rise of the leftist movements and Communal Politics and Partition of India	
HISADSE01T	HISA	Paper I: Aspects of the History of Modern South East Asia - I	This paper focusses on topics like Historical writings on Southeast Asia in the early 20th century, Growth of early European interests in Southeast Asia and Establishment of the colonial regimes in the 19th century, Pre-colonial condition and colonial impact, its economic aspect and nationalism in Indonesia.	
HISADSE02T	HISA	Paper II: Aspects of the History of Modern South East Asia - II	This paper deals with Early nationalist protest movement against French rule in Indochina, Nationalism and religion in Burma, Growth of anti-Spanish sentiments in the Philippines, Growth of nationalism in British Malaya and Decolonisation and cold war politics	
DSE 1A HISGDSE01T	HISG	Paper I- Society and Economy of Modern Europe c.15 th -18 th Century	This paper mainly aims to enable students to learn about historiographical trends, feudal crisis, renaissance, reformation, economic developments of 16 th century and transition from feudalism to capitalism	
HISACOR13T	HISA	Paper XIII- History of India - VIII (India since 1947 CE)	This paper empowers with knowledge on The Nehru era, Towards Independence and Emergence of the New State, Partition: Riots and Rehabilitation, Making of the Republic, Indian Democracy at Work c1950 and Economy, Society and Culture c 1950-1970s	
HISACOR14T	HISA	Paper XIV- Trends in World Politics (1919 CE- 2001 CE)	Students can learn about Challenges to the new European order, The Road to 2nd World War; Germany's aggressive foreign policy; the role of the war economy, Spanish civil war, Mussolini's foreign policy and Abyssinian crisis, formation of the Rome Berlin Tokyo Axis – Grand Alliance and the Second World War - Impact of the War, United Nations Organization, Cold War and the emergence of bipolar politics, Détente	6th

			and disintegration of the Soviet Bloc and Globalization and its impact	
HISADSE04T	HISA	Paper IV: History of Modern East Asia I (1839 CE -1919 CE)	Students will learn about the nature and structure of Pre-colonial China, Anglo Chinese relations till the Opium War, Rebellion, Restoration and Nationalism, Pre-Meiji Japan, Meiji Restoration and Expansion of Japan up to the First World War	
HISADSE05T	HISA	Paper V: History of Modern East Asia II (1919 CE-1939 CE)	This deals with Nationalism in China, The Kuomintang and the Nationalist government, The Communist Victory in China, Rise of modern Japan, Imperial Japan and Japan and World War II	
DSE 1B HISGDSE04T	HISG	Paper IV- Some aspects of European history: c 1780-1939 CE	This paper deals with French revolution, Napoleonic era, Revolution of 1830 & 1848, unification, socio-economic change, WW 1, rise of fascism and Nazism and WW 2	
GE 1 HISGGEC01T		Paper I- History of Indian journalism: Colonial and Post colonial period	This paper deals with pre-colonial history of written records and modalities of dissemination, advent of print media, nationalism and print culture in Bengal and writing and reporting.	5 th
GE 2 HISGGEC02T		Paper II- Some perspectives of Women's Rights in India	This enables students to acquire knowledge on what is Human rights, Indian constitution and women's rights, violence against women, role of non-governmental institutions and present status.	6 th
SEC 1 HISSEEC01M		Paper I- Archives & Museums in India	Students will be taught how to maintain documentary, visual and material remains of the past either in house or Institutions. They can understand the importance and worth of the Museum and Archives to rebuild the history of India.	3 rd
SEC 2 HISSEEC02M		Paper II- Understanding Indian Art	Students will acquire knowledge about the Indian art, from ancient to contemporary times, to understand and appreciate its diversity and its aesthetic richness. They will be equipped with the abilities to understand art as a medium of cultural expression.	4 th

DEPARTMENT OF COMPUTER SCIENCE
COURSE OUTCOME
BSC GEN

<p>The main objectives of this curriculum on Computer Studies/Science are to prepare students for working in the Computer world of tomorrow and to provide an adequate supply of computer personnel in order to meet their need in the private and public organizations of Pakistan which are striving their way patiently and boldly in this challenging technology of the developed countries of the world.</p> <p>An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. An ability to design, implement, and evaluate a computer-based system, process, components, or program to meet desired needs. An ability to function effectively on teams to accomplish a common goal.</p>			
SEMESTER	PAPER CODE	PAPER NAME	COURSE OUTCOME
I	CMSGCOR01T	Problem Solving with Computer	
		Computer Fundamentals	This course deals with fundamentals of computer. Which includes generations of computer, evolution and development of microprocessor, input and output devices, primary and secondary storage devices, programming languages etc.
		Planning the Computer Program	The focus of this lesson is for learners to interpret and create flowcharts. They use their knowledge of writing simple sequences and subroutines to follow a flowchart and write the code that it represents. They are also given time to write their own, simple flowcharts in order to practise using the symbols that they have learnt during the lesson. This is an introduction to flowchart design and this will be built upon throughout the unit.
		Techniques of Problem Solving	Define the problem. Diagnose the situation so that your focus is on the problem, not just its symptoms. Helpful problem-solving techniques include using flowcharts to identify the expected steps of a process and cause-and-effect diagrams to define and analyze root causes.
		Introduction to Python	1) Python can be used to develop prototypes, and quickly because it is so easy to work with and read. 2) Most automation, data mining, and big data platforms rely on Python. This is because it is the ideal language to work with for general purpose tasks.
II	CMSGCOR02T	Introduction to Database Management Systems	
		Entity Relationship and Enhanced ER Modeling	An entity-relationship diagram, or ER diagram, is essential for modeling the data stored in a database. It is the basic design upon which a database is built. ER diagrams specify what data we will store: the entities and their attributes. They also show how entities relate to other entities
		Relational Data Model	Relational Model (RM) represents the database as a collection of relations. A relation is nothing but a table of values. Every row in the table represents a collection of related data values. These rows in the table denote a real-world entity or relationship.
		Database design	The number one goal of relational database design is to, as closely as possible, develop a database that models some real-world system. This involves breaking the real-world system into tables and fields and determining how the tables relate to each other

III	CMSGCOR03T	Operating Systems	
		Types of operating systems	It manages the computer's memory and processes, as well as all of its software and hardware. It also allows you to communicate with the computer without knowing how to speak the computer's language. Without an operating system, a computer is useless.
		Operating System Organization	The organization of an OS identifies the various boundaries between its components and the boundaries between these components and user programs. These boundaries can be logical, that is, visible to the programmer or physical, that is, transparent to the programmer.
		Process Management	The main objective of the process management module of operating system is to manage the process submission to the system in a manner to minimize the idle time of various processors (CPU, I/O processors e.t.c) of the computer system.
		Memory Management	Appreciate the need for memory management in operating systems, understand the limits of fixed memory allocation schemes. • Understand fragmentation in dynamic memory allocation, and understand dynamic allocation approaches. • Understand how program memory addresses relate to physical memory addresses, memory management in
IV	CMSGCOR04T	Computer System Architecture	
		Data Representation and basic Computer Arithmetic	Data Representation refers to the methods used to represent information stored in a computer. Computers store lots of different types of information: discrete information like numbers and letters, or continuous information like sounds and images. They use numeric codes to represent that data.
		Basic Computer Organization and Design	To understand the structure, function and characteristics of computer systems. To understand the design of the various functional units and components of computers. To identify the elements of modern instructions sets and their impact on processor design.
		Central Processing Unit	To know about CPU performance all types of data processing operations. data stores , intermediate results, and instructions (program). It controls the operation of all parts of the computer.
		Programming the Basic Computer	Covers Basics of Computer Programming Including Programming Concepts, Programming Languages, How to Learn Programming, Necessary Skills, etc:
		Input-output Organization	The I/O subsystem of a computer provides an efficient mode of communication between the central system and the outside environment. It handles all the input-output operations of the computer system.

V	CMSGDSE01T	Programming in Java	
		Object Oriented Programming Concept	It primarily revolves around classes and objects - definition, instantiation, relationship, communication, etc. Learning OOPS concepts
		Java Programming Fundamental	As one of the most mature and popular programming languages in the world, Java has a large legacy code base, or a big collection of source code. Java is also central in creating Android applications. Additionally, enterprises across all sectors use Java, including major tech organizations like Facebook, Google, and Netflix.
		Classes and Objects	Classes help you take all the properties and behaviors of an object in your program, and combine them into a single template. Yes, a class in Java is simply a template for creating objects with similar attributes and behavior.
		Abstract Class, Interface and Packages	The purpose of an abstract class (often referred to as an ABC) is to provide an appropriate base class from which other classes can inherit. Abstract classes cannot be used to instantiate objects and serve only as an interface. Attempting to instantiate an object of an abstract class causes a compilation error.
		Applet Programming	Applets run on the client browser so they provide functionality to import resources such as images, audio clips based on URLs. Applets are quite secure because of their access to resources. Applets are secure and safe to use because they cannot perform any modifications over the local system.
VI	CMSGDSE04	Computer Networks	
		Physical Layer	deals with bit-level transmission between different devices and supports electrical or mechanical interfaces connecting to the physical medium for synchronized communication
		Data Link Layer	The data link layer is responsible for multiplexing data streams, data frame detection, medium access, and error control. It ensures reliable point-to-point and point-to-multipoint connections in a communication network.
		Network Layer	The network layer is the third of four layers in the TCP/IP model. The network layer makes it possible for data delivery to travel across the internet. It's sometimes called the internet layer for this reason. The main responsibility of this layer is to enable data to traverse any kind of network. And to make sure all data packets arrive at their destination.
		Transport Layer	The Transport Layer is the second layer of the TCP/IP model. It is an end-to-end layer used to deliver messages to a host.
		Application Layer	is an abstraction layer that specifies the shared communications protocols and interface methods used by hosts in a communications network . An application layer abstraction is specified in both the Internet Protocol Suite (TCP/IP) and the OSI model.
		Network Security	Security essentials. Cryptography. Computer networks and security. Application security. Data and endpoint security. Identity and access management. Cloud security. Cyber attack phases

Course Outcome

SEM & Paper Code	Paper Name	Course Outcome
PART I PAPER 1	INTRODUCTORY MICROECONOMICS	TO GET AN IDEA ABOUT CONSUMERS' AND PRODUCER S' BEHAVIOUR, REVENUE & COST, MARKET, RENT, WAGE, INTEREST AND PROFIT
PART II PAPER 2	INTRODUCTORY MACROECONOMICS	IT GIVES CONCEPT OF CALCULATION METHODS OF NATIONAL INCOME, CONSUMPTION AND INVESTMENT, MONEY AND BANKING, DIFFERENT TYPES OF INFLATION AND THE PROCESS TO CONTROL SUCH INFLATION, DIFFERENT TAXES AND INTERNATIONAL TRADE
PART II PAPER 3	INDIAN ECONOMY	IT FOCUSES ON VARIOUS CONCEPTS OF POPULATION POLICY IN INDIA, LOW PRODUCTIVITY AND LAND REFORM, INDUSTRIAL GROWTH AND POLICIES TO PROTECT SMALL SCALE INDUSTRY TRADE UNION, FUNCTION OF COMMERCIAL BANK AND RESERVE BANK OF INDIA, SOURCES OF GOVT. REVENUE AND EXPEND
PART III PAPER 4	DEVELOPMENT ECONOMICS	IT EXPLAINS DIFFERENCE BETWEEN GROWTH AND DEVELOPMENT, GROWTH THEORIES, RELATION BETWEEN POPULATION AND ECONOMIC DEVELOPMENT, TECHNOLOGY IN AGRICULTURE AND INDUSTRY, FOREIGN AID AND INVESTMENT, IMF AND WORLD BANK, GENDER DISCRIMINATION
PART III STATISTICS	ELEMENTARY STATISTICS	STUDENTS HAVE AN IDEA OF DATA COLLECTION AND GRAPHICAL REPRESENTATION, CENTRAL TENDENCY AND DISPERSION

2018-19 to 2021-22

CBCS SEMESTER SYSTEM

B.A./BSC. GENERAL COURSE IN ECONOMICS

SEM & Paper Code	Paper Name	Course Outcome
SEM 1 ECOGCOR01T/EC OHGEC01T	INTRODUCTORY MICROECONOMICS	TO GET AN IDEA ABOUT SUPPLY AND DEMAND AS BASIC FORCES TO ATTAIN MARKET EQUILLIBRIUM, CONSUMER BEHAVIOUR AND UTILITY MAXIMISATION, DECISION OF FIRM FOR OPTIMAL PRODUCTION
SEM 2 ECOGCOR02T/EC OHGEC02T	INTRODUCTORY MACROECONOMICS	IT GIVES CONCEPT OF CALCULATION METHODS OF NATIONAL INCOME, MONEY AND BANKING, DIFFERENT TYPES OF INFLATION AND THE PROCESS TO CONTROL SUCH INFLATION
SEM 3 ECOGCOR03T/EC OHGEC03T	DEVELOPMENT ECONOMICS	IT EXPLAINS DIFFERENCE BETWEEN GROWTH AND DEVELOPMENT, GROWTH THEORIES, RELATION BETWEEN POPULATION AND ECONOMIC DEVELOPMENT, TECHNOLOGY IN AGRICULTURE AND INDUSTRY, FOREIGN AID AND INVESTMENT, IMF AND WORLD BANK, GENDER DISCRIMINATION
SEM 4 ECOGCOR04T/EC OHGEC04T	INDIAN ECONOMY	IT FOCUSES ON VARIOUS CONCEPTS OF POPULATION POLICY IN INDIA, LOW PRODUCTIVITY AND LAND REFORM, INDUSTRIAL GROWTH AND POLICIES TO PROTECT SMALL SCALE INDUSTRY TRADE UNION, FUNCTION OF COMMERCIAL BANK AND RESERVE BANK OF INDIA, SOURCES OF GOVT. REVENUE AND EXPEND

SEM 5 ECOGDSE01T	ELEMENTARY STATISTICS	STUDENTS HAVE AN IDEA OF DATA COLLECTION AND GRAPHICAL REPRESENTATION, CENTRAL TENDENCY AND DISPERSION
OR		
ECOGDSE02T	ECONOMICS OF SOCIAL SECTORS	IT IMPARTS THE KNOWLEDGE OF CONTEMPORARY ISSUES LIKE SOCIAL DEVELOPMENT AND DEPRIVATION, ECONOMICS OF EDUCATION AND HEALTH, INDEXES OF HUMAN DEVELOPMENT AND DEMOGRAPHY
SEM6 ECOGDSE03T	TRADE AND DEVELOPMENT	IN THIS PAPER STUDENTS LEARN ABOUT TRADE, GAINS FROM TRADE, ADVANTAGE THEORY OF INTERNATIONAL TRADE, TARIFF AND QUOTA, BALANCE OF PAYMENTGLOBALISATION AND ACTIVITIES OF MULTINATIONAL COMPANY
OR		
ECOGDSE03T	PUBLIC FINANCE	THIS PORTION DEALS WITH EXTERNALITIES, MARKET FAILURE, PUBLIC AND PRIVATE GOODS, CANONS AND BURDEN AND EFFECTS OF TAXES, OPTIMAL TAXATION, PUBLIC EXPENDITURE, GOVT. BUDGET, FISCAL FEDERALISM IN INDIA, SOURCES AND EFFECT OF PUBLIC BORROWING

SEC COURSES

PAPER CODE	PAPER NAME	COURSE OUTCOME
ECOSSEC01M	SURVEY METHODOLOGY	STUDENTS CAN ACQUIRE KNOWLEDGE ABOUT SURVEY, SAMPLING AND RESEARCH, DATA COLLECTION AND RESPONSE RATES
ECOSSEC02M	INDIAN OFFICIAL	THIS PORTION GIVES IDEA OFFICIAL STATISTICS,

	STATISTICS	CENSUS, DEMOGRAPHIC DATA AND CAMPARING MACRO VARIABLES.
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B.A./BSC. HONOURS COURSE IN ECONOMICS

SEM & Paper Code	PAPER NAME	COURSE CODE
SEM 1 -CC1 ECOACOR01T	INTRODUCTORY MICROECONOMICS	THIS PAPER EXPLAINS DIFFERENT MODELS, MARKET, DEMAND AND SUPPLY, TAXES, CONSUMER AND PRODUCER BEHAVIOUR, PRODUCTION COST AND MARKET STRUCTURE
SEM 1 – CC2 ECOACOR02T	MATHEMETICAL METHODS FOR ECONOMICS-1	IT GIVES PRELIMINARY CONCEPT OF SET THEORY, INTEGRAL CALCULUS, MATRIX

		ALGEBRA, VARIOUS SERIES, VARIABLE OPTIMIZATION
SEM 2-CC3 ECOACOR03T	MACROECONOMICS	IT CONTAINS NATIONAL INCOME CALCULATION, CIRCULAR FLOW OF INCOME, DEVELOPS IDEA EXCHANGE RATE, INTEREST RATE, UNEMPLOYMENT RATE, EXPLAINS SAY'S LAW, CLASSICAL THEORY OF EMPLOYMENT, DESCRIBES CONSUMPTION FUNCTION RELATION BETWEEN APC AND MPC, EXPLAINS CONCEPT OF MULTIPLIER, ILLUSTRATES QUANTITY THEORY OF MONEY
SEM 2 – CC4 ECOACOR04T	STATISTICAL METHODS FOR ECONOMICS-I	FROM THIS PORTION STUDENTS LEARNS TO COLLECT DATA, DESCRIBE CONCEPTS OF CENTRAL TENDENCY AND DISPERSION, GIVES THE IDEA OF INDEX NO. & TIME SERIES, GIVES KNOWLEDGE IN CHANGING OF POPULATION PROFILE, GIVES IDEA OF ANOVA TABLE
SEM 3-CC5 ECOACOR05T	INTERMEDIATE MICROECONOMICS-I	IT EXPLAINS CONCEPTS OF PREFERENCE, UTILITY, BUDGET CONSTRAINT, REVEALED PREFERENCE, MARKET EQUILLIBRIUM,

		GOVERNMENT POLICIES
SEM 3-CC6 ECOACOR06T	INTERMEDIATE MACROECONOMICS-I	IT GIVES CLASSICAL AND KEYNSIAN CONCEPT OF EMPLOYMENT AND UNEMPLOYMENT, DIFFERENT MODELS, BALANCE OF PAYMENT AND INTERNATIONAL FINANCIAL MARKET.
SEM 3-CC7 ECOACOR07T	MATHEMETICAL METHODS FOR ECONOMICS II	IT EXPLAINS CONCEPTS OF CONVEX SETS, MAXIMA AND MIIMA, SHADOW PRICE, ENVELOPE THEOREM, LINEAR PROGRAMMING, SIMULTANEOUS EQUATION, GAME THEORY, COBWEB MODEL ETC.
SEM 4 CC-8 ECOACOR08T	INTERMEDIATE MICROECONOMICS-II	IT GIVES STUDENTS CLEAR CONCEPT ABOUT OLIGOPOLY, MARKET FAILURE, FIRM AND INDUSTRY DEMAND, COLLECTIVE BARGAINING & EXPLOITATION, RENT AND WELFARE
SEM 4 CC-9 ECOACOR09T	INTERMEDIATE MACROECONOMICS-II	THIS SECTION EXPLAINS VARIOUS GROWTH MODELS, KEYNSIAN CONSUMPTION FUNCTION, FISHER'S OPTIMAL INTERTEMPORAL CHOICE, DUESSENBERRY'S

		RELATIVE INCOME, MERCHANTALISM, PHYSIOCRACY ETC.
SEM 4 CC-10 ECOACOR10T	STATISTICAL METHODS FOR ECONOMICS-11	IT GIVES CONCEPTION OF STATISTICAL TERMS, RULES THEOREMS AND APPLICATIONS, PROBABILITY DISTRIBUTION. IT GIVES THE IDEA TO SELECT SAMPLES AND DRAW INFERENCES
SEM 5 CC-11 ECOACOR11T	INTRODUCTORY ECONOMETRICS	STUDENTS GATHER BASIC CONCEPTS OF HYPOTHESIS TECHNIQUES, ESTIMATION AND DIAGNOSTIC TESTING OF REGRESSION AND CONSEQUENCES
SEM 5 CC-12 ECOACOR12T	DEVELOPMENT ECONOMICS	IT DEALS WITH STAGES OF GROWTH, BASIC DEMOGRAPHIC CONCEPTS AND LABOUR SURPLUS ECONOMY, POVERTY AND INEQUALITY , CONNECTION BETWEEN GROWTH AND INEQUALITY, SUSTAINABLE DEVELOPMENT, DEVELOPMENT OF LESS DEVELOPED COUNTRIES THROUGH TRADE, TRADE PROTECTIONIST MEASURES, BALANCE OF PAYMENT, MNC AND INFLOW OF FOREIGN TRADE, IMF, WORLD

		BANK, WTO ETC.
SEM 5 CC-13 ECOACOR13T	INDIAN ECONOMY	IT DEALS WITH CHARECTERSTICS OF INDIAN ECONOMY, SUSTAINABILITY, STRUCTURAL CHANGE, MAINISSUES OF AGRICULTURAL, INDUSTRY, UNEMPLOYMENT AND POVERTY. STUDENTS ALSO LEARN FIVE YEAR PLANS, CHANGES IN GOVT. POLICIES
SEM 6 CC-14 ECOACOR14T	INTERNATIONAL ECONOMICS	IT EXPLAINS BASIS AND TERMS OF TRADE BETWEEN NATIONS, COMPARATIVE COST ADVANTAGE, GAINS FROM TRADE, TRADE POLICIES, FOREIGN EXCHANGE RESERVE AND EXCHANGE RATE, LEONTIEF PARADOX AND TRADE THEORIES.

DSE COURSES

ECOADSE01T	APPLIED ECONOMETRICS	THIS PART TEACHES STUDETS RESEARCH METHODOLOGY, DATA COLLETION, GRAPHICAL REPRESENTATION, APPLICATION OF ECONOMETRICS, DUMMY VARIABLEAND SOME SOFTWARE PACKAGES
ECOADSE02T	PUBLIC ECONOMICS	IT INCLUDES EXTERNALITIES, PUBLIC AND PRIVATE GOODS, LINDAHL AND VOTING

		EQUILLIBRIUM, BENEFIT AND BURDEN AND EFFECT OF TAXATION, PUBLIC EXPENDITURE AND PUBLIC DEBT
ECOADSE03T	ECONOMICS OF HEALTH AND EDUCATION	STUDENTS LEARN ABOUT POVERTY ALLVIATION, HEALTH INSURANCE, HEALTH PROGRAMME AND HEALTH FINANCING, HUMAN CAPITAL, LITERACY RATE
ECOADSE04T	CONTEMPORARY DEVELOPMENT ECONOMICS	IN THIS PAPER STUDENTS LEARN DEVELOPMENT MEASURES, POVERTY AND INEQUALITY, POLITICAL INSTITUTIONS AND STATE, COMMUNITIES AND COLLECTIVE OUTCOMES AND SUSTAINABLE DEVELOPMENT
ECOADSE05T	FINANCIAL ECONOMICS	STUDENTS LEARN INVESTMENT THEORY AND PORTFOLIO ANALYSIS, DERIVATIVES AND OPTIONS, CORPORATE FINANCE,
ECOADSE02P	PROJECT/DISSERTATION	IT GIVES THE STUDENTS THE SCOPE TO PERFORM A SMALL RESEARCH WORK INDIVIDUALLY

SEC COURSES

ECOSSECO1M	SURVEY METHODOLOGY	STUDENTS LEARN VARIOUS TYPES OF
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		SAMPLING, DATA COLLECTION AND IMPACT OF SURVEY ERROR, RESPONSE AND NON-RESPONSE, POST SURVEY PROCESSING ESTIMATION
ECOSSECO2M	INDIAN OFFICIAL STATISTICS	IT GIVES A CLEAR IDEA OF OFFICIAL STATISTICS, ECONOMIC CENSUS, DEMOGRAPHIC DATA AND INTERNATIONAL STATISTIC SYSTEM

DEPARTMENT OF EDUCATION

Course Outcome(2021-22)

Education is a multi-disciplinary subject. This subject provides the opportunity to the students to gain knowledge regarding the concept of education and its relationship among with various subjects and disciplines. The students will also gain knowledge about the role of education on various contemporary issues of society on the successful completion of the program, the students will be well informed about the Educational philosophy ,Educational Psychology, Educational Sociology, Educational Management, Planning, Research Methodology, Educational Pedagogy, Curriculum Development , Value Education, Peace Education, Evaluation System and so on.

PAPER	COURSE	OUTCOME
EDCACOR01T	Educational Philosophy	To understand the meaning, nature, scope and aims of education. <ul style="list-style-type: none">• To explain the factors of education and their interrelationship.• To become aware of different agencies of education that influence education.• To be acquainted with the concept of child-centralism and play-way in education.
EDCACOR02T	Educational Psychology	To understand the meaning of Psychology and be acquainted with its different aspects. <ul style="list-style-type: none">• To know the patterns of different aspects of human development and relate this knowledge with education.• To be acquainted with the cognitive approach of development and thus to understand the process and factors of cognition.
EDCACOR03T	Educational Sociology	To understand the relation between Sociology and Education. To understand the Nature, and scope of Sociology of education. <ul style="list-style-type: none">• To explain the concept of Social Groups and Socialization process.• To enable the students to understand the concept of Social change and Social interaction in education• To become aware of social Communication in Education
EDCACOR04T	Pedagogy	To know the basic concept of Teaching. <ul style="list-style-type: none">• To know the Types of Teaching.• To understand the Skills of Teaching.• To learn the Concept of Learning Design (LD).
EDCACOR05T	Education in Pre Independence India	To be acquainted with the salient features of education in India during ancient and medieval Times.

		<ul style="list-style-type: none"> • To be acquainted with the development of education in British India • To be acquainted with the significant points of selected education commissions & national policy of education in independent India
EDCACOR06T	Education in Post Independence India	<p>To ensure the well being of Indian citizens which the constitution maintained in its preamble.</p> <ul style="list-style-type: none"> • To know about India developed effective policy for economic development and removal of poverty and illiteracy.
EDCACOR07T	Contemporary Issues	<p>Have an idea about traditional ,social and educational issues of India.</p> <ul style="list-style-type: none"> • Traditional ,Social and Educational issue related problems and solutions.
EDCACOR07P	Field Tour and Report Writing	<p>To develop some idea about any one philosophical, psychological, historical educational place and its importance.</p> <ul style="list-style-type: none"> • To develop an idea about Planning, execution and reporting of the journey.
EDCSSEC01M	Skill Development for Social Awareness	<p>Have an idea about their duties as citizens</p> <ul style="list-style-type: none"> • Have an idea about their rights as citizens • Have an idea about child violence and child rights • Have an idea about domestic violence and domestic rights
EDCACOR08T	Educational Management	<p>To develop the concept of an ideal organization in educational institutions.</p> <ul style="list-style-type: none"> • To know the essential functions of educational management. • To understand the different aspects of planning,
EDCACOR09T	Basics of Educational Research & Evaluation	<p>Have a concept of educational research</p> <ul style="list-style-type: none"> • Learn about the various steps to be followed for conducting a research • Learn how to write a research proposal and review research papers
EDCACOR10T	Statistics in Education	<p>To develop the concept of statistics and to develop skill in analyzing descriptive measures</p> <ul style="list-style-type: none"> • To be acquainted with the concept of Normal Probability Curve and its uses in education <p>To develop a concept of measures of relationship</p> <ul style="list-style-type: none"> • To develop the ability to organize relevant educational data and to represent educational data through graphs and to develop skill in analyzing and displaying data
EDCACOR10P	Statistics Practical	<p>To know the Application of the skill of statistical practical.</p> <ul style="list-style-type: none"> • Data collection, Data analysis , graphical presentation.
EDCSSEC02M	Development of	To understand the meaning of life skills.

	Observational Skills	<ul style="list-style-type: none"> • To be acquainted with the different types of life skills. • To find the ways in which individual's personality can be built through the development of these life skills.
EDCACOR11T	Guidance & Counseling	<p>To know the concept of guidance</p> <ul style="list-style-type: none"> • To know various types of Guidance • To Know the basic concept of Counseling • To find out the basic data necessary for Guidance
EDCACOR12T	Educational Technology	<p>To develop an understanding of educational technology</p> <ul style="list-style-type: none"> • To be acquainted with the system approach • To develop an understanding of the use of computer in education and communication • To get acquainted with the instructional techniques and different models of teaching • To develop an understanding of ICT & e-learning.
EDCACOR12P	Basic ICT	To know the basic idea of computer ,DTP operation, excel operation and oral presentation with PPT.
EDCADSE01T	Women Education	<p>To know the historical perspectives of Women Education</p> <ul style="list-style-type: none"> • To know the Policy Perspectives and Committees and Commissions on Women Education • To know the role of Indian thinkers towards Women Education • To identify major constraints of Women Education and Women Empowerment.
EDCADSE02T	Teacher education	<p>To understand the basic concept of teacher education.</p> <ul style="list-style-type: none"> • To explain the historical perspective and development of teacher education in India. • To enable the students to understand the Role of the different agencies in teacher education: <ul style="list-style-type: none"> • To make an idea about Some Courses for preparation of teacher
EDCACOR13T	Curriculum Studies	<p>To develop an understanding about concept, nature, types and major approaches of Curriculum.</p> <ul style="list-style-type: none"> • To understand the relation among curriculum, pedagogy and assessment • To develop an understanding about curriculum development and national curriculum frame work, 2005 • To get acquainted with content selection and selected theories in this regard • To develop an understanding of evaluation & reform

		of curriculum
+EDCACOR14T	Special Education	To understand the meaning of Inclusion and exclusion <ul style="list-style-type: none"> • Know the types of exclusion and their causes • Know how to bring about inclusion in different spheres.
EDCADSE04T	Value Education	<ul style="list-style-type: none"> • To develop the concept of value education • To understand peace, value and conflict resolution
EDCADSE05T	Peace Education	<ul style="list-style-type: none"> • To know the concept of peace education. • To understand peace and non-violence.
EDCGCOR 01T	Philosophical Foundation Of Education	<ul style="list-style-type: none"> • To understand the meaning and relation of philosophy and education • To understand the importance of philosophy in education • To be acquainted with the Indian schools of philosophy and their impact on education • To be acquainted with the western schools of philosophy and their impact on education <ul style="list-style-type: none"> • To develop an understanding of philosophy for development of humanity
EDCGCOR02T	Psychological Foundation Of Education	To understand the concept of adjustment, maladjustment and some commonly found problem behavior. <ul style="list-style-type: none"> • To know the multi-axial classification of mental disorders. • To be aware about different coping strategies for stressful situation. <ul style="list-style-type: none"> • To know the administration, scoring and interpretation of the psychological tests
EDCGCPR03T	Development of Education and Educational Policies	To develop some idea about education policy, their recommendation and educational significance.
EDCGCOR04T	Evaluation in Education	To develop understanding of the concepts of measurement and evaluation in education. <ul style="list-style-type: none"> • To be acquainted with the process of Evaluation • To be acquainted with different types of measuring instruments and their uses. • To develop understanding of the concepts of validity and reliability and their importance in educational measurement. <ul style="list-style-type: none"> • To be acquainted with the principles of test construction.
EDCGDSE02T	Psychological Of Learning	To understand the basic elements of Communication <ul style="list-style-type: none"> • To acquire Listening Skills • To acquire Speaking Skills • To acquire Reading and Writing Skills
EDCGDSE04T	Guidance and Counseling in Education	To know the concept of guidance

		<ul style="list-style-type: none"> • To know various types of Guidance • To Know the basic concept of Counseling. • To find out the basic data necessary for Guidance
EDCGGEC01T	Teacher Education in India	<p>To understand the basic concept of teacher education.</p> <ul style="list-style-type: none"> • To explain the historical perspective and development of teacher education in India. • To enable the students to understand the Role of the different agencies in teacher education: <ul style="list-style-type: none"> • To make an idea about Some Courses for preparation of teacher
EDCGGEC02T	Inclusive Education in India	<p>Understand the meaning of Inclusion and exclusion</p> <ul style="list-style-type: none"> • Know the types of exclusion and their causes • Know how to bring about inclusion in different spheres.

Course Outcome 2021-22

Department: English

(Honours and General)

Semester	Paper Code	Paper Name	Course Outcome
1 (Hons)	ENGACOR01 T	Indian Classical Literature	In this course, students are expected to be familiar with the elementary ideas of ancient Sanskrit poetics through the study of selections from <i>Mahabharata</i> , <i>Abhijnanasakuntalam</i> , <i>Kadamvari</i> and <i>Mricchakatika</i>
	ENGACOR02 T	European Classical Literature	Here students will have an overview of European literatures of the Classical period, through a study of selections from Homer, Sophocles, Ovid and Plautus
2 (Hons)	ENGACOR03T	Indian Writing in English	Students will come to know about the tradition of Indian writing in English, with reference to the selected works of Derozio, Kamla Das, Nissim Ezekiel, R.K. Narayan, Sashi Deshpande and others
	ENGACOR04T	British Literature(14 th -17 th Century)	This course is designed to provide the students with an idea of the development of British Literature from the 14 th to the 17 th century, with reference to major writers and a selected number of their representative works
3 (Hons)	ENGACOR05T	American Literature	Students will gain familiarity with the cultural and literary history of America with reference to some representative texts by a chosen number of major American writers
	ENGACOR06T	Popular	This course proposes to introduce the students to a

	ENGACOR07 T	Literature British Poetry and Drama (17 th -18 th C)	rather recent genre called ‘popular literature’ In this course, students will be introduced to the tradition of British poetry and drama that flourished in the 17 th and 18 th centuries
	ENGSSSEC01 M	Creative Writing	This course trains the students in creative writing
4 (Hons)	ENGACOR08T	British Literature(18 th C)	Students are supposed to be familiar with the trends and cultures of British Literature in the 18 th Century
	ENGACOR09T	British Romantic Literature	This course is designed to introduce the students to the Romantic Revival of the early 19 th century, with reference to some representative works by Wordsworth, Coleridge, Shelley, Keats, Lamb and Hazlitt
	ENGACOR10T	19 th Century British Literature	Victorian literature, with reference to Tennyson, Browning, Matthew Arnold, Dickens and others, will be introduced here
	ENGSSSEC01M	ELT	This course is supposed to train the students in the professional field of English language and communication skills
5 (Hons)	ENGACOR11T	Women’s Writing	This course introduces the students to women’s writing as a specific mode of Feminist literary expression
	ENGACOR12T	Early 20 th century Literature	This course provides insights into early twentieth century literature, with special reference to major writers and texts
	ENGADSE01T	Old English, Philology, Rhetoric and Prosody	This course gives an outline of Old English literature and culture, along with providing a knowledge of rhetoric and prosody
	ENGADSE02T	Literary Types and terms	Students will be familiar with the tragedy, comedy and novel as literary types, and a selected number of literary terms
6 (Hons)	ENGACOR13T	Modern European Drama	This course offers a comprehensive view of the representative works of major European dramatists of the modern and postmodern times--Samuel Beckett, Brecht, Ibsen and so on
	ENGACOR14T	Postcolonial	In this course , students will be familiar with the

	ENGADSE04T	Literature	trends in Postcolonial literature from different parts of the world, including Africa, the Caribbean islands and Latin America
	ENGADSE05T	Literary Criticism	This course provides ideas on the major trends of literary criticism
		Partition Literature	This course is meant to create a consciousness of the painful narratives of the Partition of India, with special reference to some selected texts by Khusvant Singh, Sadat Hossain Manto, Gulzar, Manik Bandyopadhyay and so on
1 (Gen)	ENHGGEC01T / ENGGCOR01T	The Individual and Society	This course is meant to associate the students with different notions of identity such as 'caste', 'class', 'gender'-- which negotiate an individual's relation to society
Compulsory	ENGLCOR01T	Compulsory English for BA/B.Com	This course is meant to train students of the General stream in the basic elements of English language through literature
2 (Gen)	ENHGGEC02T /ENGGCOR02 T	Poems and Short Stories	This course is designed to provide the students with some idea of the cultural diversity present in society, through a study of representative pieces of literary work
Compulsory	ENGLCOR02T	Compulsory English for BA/B.Com	This course is meant to train students of the General stream in the basic elements of English language through literature
3 (Gen)	ENGGCOR03T	Novels and Plays	This course is meant to give the students some idea of English novels and plays with one representative text for each group
	MIL 1	Compulsory other language	The purpose is to train the students basically in English grammar and writing skills, with abilities of read and comprehend the language
4 (Gen)	ENGGCOR04T	No name	This course is meant to give the students some ideas of short stories, poems and essays in English through a study of selective texts
	MIL 2	Compulsory other language	This is the second part of the course offered in Sem 3, involving basic knowledge of articles, phrasal verbs, idioms and other technical aspects of the English language and helps the students to acquire some writing skills

5 (Gen)	ENGGGEC01M ENGGDSE01T/0 2T	Media and Communication Literary terms and types/Rhetoric and Prodsody	This course provides some idea on writing for media (Same as what has been given for the Honouers students)
6 (Gen)	ENGGDSE04T ENGGGEC02T	Soft skills Gender and Human Rights	This course trains the students in soft skills for professional life The purpose of this course is to give the students some ideas on the theoretical and practical aspects of 'Gender' and 'Human Rights' as two important concepts

FOOD AND NUTRITION

COURSE OUTCOME

I. INTRODUCTION ABOUT THE COURSE

B.SC in food & nutrition is a 3years undergraduate course and also a multidisciplinary subject which covers all the aspects of food and nutrition such as diet therapy, nutritional bio chemistry, microbiology, food chemistry, community nutrition, epidemiology, food processing and technology, research methodology & bio statistics, counselling physiology. Not only this , this subject also have several job prospects like work in hospitals, gyms, food industries, health clubs and also can work as food scientists, food technologists, quality control manager, food production manager. Apart from that after passing National Eligibility Test or state eligibility test , students can opt for academic career. Moreover they learn to understand the role of food and nutrients in health and disease processes and will be able to prepare and deliver effective presentations of information to food science and nutrition professionals and to the general public.

II.

PAPER CODE	PAPER NAME	COURSE OUTCOME
FNTACORO1T & P	HUMAN NUTRITION	THIS COURSE OF FOOD AND NUTRITION COMPOSED OF SEVERAL UNITS LIKE AN INTRODUCTION OF FOOD & NUTRITION, COOKING OF FOOD, ENERGY REQUIREMENTS, DIGESTION OF FOOD AND ALSO NUTRIENTS. THIS IS THE PRELI MINARY COURSE FOR A FOOD AND NUTRITION HONOURS STUDENT. They can Understand the food groups and their functions. Acquire knowledge on different methods of cooking Apply process of different foods Use combination of foods in the development of food products.
FNTACORO2T & P	PHYSIOLOGY IN NUTRITION	This course consists of several human physiology portions like blood, cardiovascular system, respiratory system, renal physiology. cell and also practical like measurements of blood pressure, pulse rate, ECG, BT, CT, blood group measurement, haemoglobin estimation of a human body . so from this portion student can learn a lot about the physiology of a human which is very much important for a nutrition student. 1. Understand the Structure and Functions of the various organ systems of the body 2. Relate the Structure with Functions of the tissues and organs 3. Comprehend the Mechanism of Action of Organs 4. Relate the Physiology of the human body with Food and Nutritional requirements 5. Recognize the Clinical Symptoms of Nutritional Deficiencies based on anatomical considerations.
FNTACORO13T	CLINICAL NUTRITION	This portion consists of several clinical nutrition

& P	AND DIET FOR SPECIAL SITUATIONS IN LIFE	<p>condition and diet for special situation like dietary modifications in stress, fever, GI diseases, malabsorption syndrome , disease of gall bladder and pancreas, liver disease, renal disease, allergy, neurological disorder.</p> <p>Practical portion consist of planning and preparation of diets for peptic ulcer, hepatitis, fever, renal failure. From this students can learn about how to prepare diet for this special health conditions of a patient.</p> <ol style="list-style-type: none"> 1. Develop skills in planning therapeutic diet 2. Analyze the disease condition and plan appropriate menus 3. Calculate nutrient content of diet plans 4. Prepare the various types of diets 5. Learn techniques in diet tray arrangement and assess patient compliance
FNTGCORO1T AND P	FOOD AND NUTRITION	<p>THIS PORTION OF FOOD AND NUTRITION GENERAL COMPOSED OF AN INTRODUCTORY PART OF FOOD AND NUTRITION , CONCEPTS ABOUT ALL THE NUTRIENTS, METABOLISM, ALL KIND OF DEFICIENCY DISEASES.</p> <p>PRACTICAL CONSISTS OF EYE ESTIMATION OF FOOD STUFFS, AND PREPARATION OF DISHES FROM BASIC FIVE FOOD GROUPS. DIET FOR PREGNANT AND LACTATING MOTHER, SUPPLEMENTARY FOOD PREPARATION OF INFANTS.</p>
FNTGCORO2T AND P	HUMAN BODY AND NUTRITION	<p>This course consists of several human physiology portions like blood, cardiovascular system, Exitable cell, regulatory system, respiratory system, DIGESTION. cell and also practical like measurements of blood pressure, pulse rate, ECG, BT, CT, blood group measurement, haemoglobin estimation of a human body. so from this portion student can learn a lot about the physiology of a human which is very much important for a nutrition student.</p>
FNTGCORO3T AND P	COMMUNITY NUTRITION AND HEALTH ASSESSMENT	<p>This portion of food and nutrition general consists of concepts of community , nutritional assessments of a person, surveillance system, intervention programme, nutrition education.</p> <p>In practical students lean how to assess the nutrition status along with diet survey , ORS preparation, and preparation of low cost and medium cost school tiffin.</p>

FNTGCORO4T AND P	DIETETICS	<p>This portion consists of several hospital diets, menu planning , RDA, dietary management of different diseases, food allergy.</p> <p>In practical there is planning and preparation of fluid , soft and solid diet, peptic ulcer, fever, hypertension, diabetes mellitus, hepatitis, obesity diet preparation and planning which gives an clear idea about the therapeutic diet preparation.</p>
FNTGDSE02T	FOOD SAFETY AND FOOD PROCESSING	<p>In this portion students learn about food additives, food spoilage, food adulteration, food laws, food preservation, preserved products.</p> <p>In practical, students learn detection of food adulteration , preparation of jam, jelly, pickles.</p>
FNTGDSE04T AND P	NUTRITIONAL BIOCHEMISTRY	<p>This is the biochemistry part for the nutrition general students where they learn about carbohydrate, protein, fat metabolism, and in practical they learn about identification test of carbohydrate and protein .</p>

Hiralal Mazumdar Memorial College For Women

COURSE OUTCOME Department of: Geography

Session: 2021-2022

Name of the Academic Program: Geography Honours

Programme Code: GEOA

Course Code: GEOACC01T and GEOACOR01P

Course Title: Geotectonics and Geomorphology

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	initiate the honours curriculum with the basic concept of Earth science and Physical Geography
CO-2:	develop in students the theoretical concept and processes of Geotectonics and Geomorphology
CO-3:	focus on developing practical concepts relating to rocks, rocks beds underneath the Earth's surface
CO-4	develop skills of geological mapping and interpretation

Course Code: GEOAC0R02T and GEOACOR02P

Course Title: Cartographic Techniques

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	develop in them the concept of map- making which the unique theme of our discipline Geography.
CO-2:	comprehend the theoretical concept of Map and Cartography
CO-3:	focus on developing practical concepts relating to Cartography.
CO-4	enhance Cartographic skills of surveying and levelling

Course Code: GEOAC0R03T

Course Title: Human Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	develop understanding of population studies
CO-2:	develop the theoretical concepts of population and it's geographical distribution
CO-3:	focus on developing concepts relating to human social groups and races across the world

Course Code: GEOAC0R04T and GEOACOR04P

Course Title: Cartograms and Thematic Mapping

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of map- making which the unique theme of our discipline Geography.
CO-2:	understand the theoretical concept of Map and Cartography
CO-3:	focus on developing practical concepts relating to Cartography.
CO-4	develop skills of thematic map-making

Course Code: GEOAC0R05T and GEOACOR05P

Course Title: Climatology

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of weather, climate and various phenomena
CO-2:	develop in students the theoretical concept of meteorological study
CO-3:	focus on developing practical concepts relating to interpretation of weather maps
CO-4	develop their skills of making station models, climographs and hythergraphs for interpreting weather of a place

Course Code: GEOAC0R06T
Course Title: Geography of India

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of region study in the discipline Geography.
CO-2:	develop the theoretical concept of various physiography and distribution of other resources on a regional basis in India and in West Bengal
CO-3:	focus on developing problems relating to specific region

Course Code: GEOAC0R07T and GEOACOR07P
Course Title: Statistical Methods in Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of Statistics which is very much a part of of Applied Geography.
CO-2:	develop in students the theoretical concept of Statistical techniques
CO-3:	focus on developing practical concepts relating to application of statistical techniques in geographical study

Course Code: GEOSSEC01M

Course Title: Remote sensing

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand current studies of Applied Geography.
CO-2:	develop in them theoretical concept of Remote Sensing in Cartography
CO-3:	focus on developing practical concepts relating to application of Remote sensing in geographical studies.

Course Code: GEOAC0R08T

Course Title: Regional Planning and Development

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	This paper is the fundamental core of understanding of the concept of region and regional development
CO-2:	It aims to develop in students the theoretical concept of Regional Planning and Development
CO-3:	It also aims to focus on developing concepts relating to Human Development and development indicators

Course Code: GEOAC0R09T
Course Title: Economic Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	develop understanding of Economic Geography.
CO-2:	revise theoretical concept of Economic regions and study of agricultural and manufacturing regions across the world and India
CO-3:	focus on developing concepts relating to Trade: Special Economic Zone and Technoligy Parks which are emerging recently.

Course Code: GEOAC0R10T and GEOACOR10P
Course Title: Environmental Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	strengthen their understanding of Environment and it's applications in Geography.
CO-2:	develop their concept of Ecosystem, concept, approaches and it's processes and functioning
CO-3:	focus on developing concepts relating to specific Biomes across the world
CO-4	Know about various Biodiversity Conservation Programs for Sustainable Environmental Development.

Course Code: GEOSSEC02M

Course Title: Advanced Spatial Statistical Techniques

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	Know more of the concept of statistics which is important branch of Applied Geography.
CO-2:	develop the theoretical concept of statistical techniques
CO-3:	apply advanced Statistical techniques in their projects relating to geographical study in future

Course Code: GEOAC0R11T

Course Title: Fieldwork and Research Methodology

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of research and fieldwork which the unique theme of our discipline Geography.
CO-2:	analyse the importance of research and fieldwork in geographical study
CO-3:	focus on developing practical concepts relating to making reviews and field reports
CO-4	design research projects and reports in future

Course Code: GEOAC0R12T and GEOACOR12P

Course Title: Remote sensing and GIS

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the concept of remote sensing which the application tool of our discipline Geography.
CO-2:	develop the skills of using GIS softwares for mapping
CO-3:	to focus on developing practical concepts relating to Digital Cartography.

Course Code: GEOADSE01T

Course Title: Soil and Biogeography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	revise the concept of soil and environment
CO-2:	develop the theoretical concept of soil texture, structure, properties and classify soil types
CO-3:	focus on sustainability of the biomes and ecosystems
CO-4	inculcate skills of conserving the environment in which they live

Course Code: GEOADSE02T
Course Title: Settlement Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	develop understanding of the concept and scope of Settlement Geography
CO-2:	to develop concept of laws and models for growth, arrangement and design of rural and urban Settlement
CO-3:	focus on understanding rural and urban morphology.

Course Code: GEOAC0R13T
Course Title: Geographical Thought

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the philosophy of Geography as a distinct discipline
CO-2:	to focus on the growth of the discipline through ages and the contribution of eminent geographers to enrich this discipline.
CO-3:	focus on different concepts and approaches relating to Geography.
CO-4	bring out newer dimensions of the subject and open newer avenues to geographical research

Course Code: GEOAC0R14T and GEOACOR14P

Course Title: Disaster Management

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	know of different hazards and disasters
CO-2:	differentiate hazards from disasters
CO-3:	focus on developing practical concepts relating to management of disasters
CO-4	design innovative project on specific case study of disaster management as a research study

Course Code: GEOADSE04T

Course Title: Hydrology and Oceanography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	understand the scope and content of Hydrology and Oceanography
CO-2:	develop the theoretical concept of surface and ground water recharge and circulation
CO-3:	focus on issues relating to marine deposits and study of ocean basins

Course Code: GEOADSE06T

Course Title: Resource Geography

Course outcome(Cos)

After completion of this course successfully, the students will be able to

CO-1:	know the concept of Resources and Reserves in Geography.
CO-2:	classify resources
CO-3:	study the world distribution of various types of resources
CO-4	understand the various approaches to use of resources
CO-5	participate in rational management of local available resources

Semester/paper code	Course Outcome	Paper Name	Program outcome	Specific outcome
1 st semester HINGCOR01T	<p>1. Adikaal</p> <p>A. Hindi bhasha ka vikas : samany parichay</p> <p>B. adikal - kaal vibhajan evam naamkaran</p> <p>C. adikaleen sahitya ki pramukh pravratayan</p> <p>2. Bhaktikal</p> <p>A. Bhakti aandolan: udbhav aur vikas</p> <p>B. bhaktikal ki pramukh pravratayan</p> <p>3. Reetikal</p> <p>A. reetikal naamkaran</p> <p>B. reetikaleen pramukh dharaen</p> <p>C. samany pravratayan evam parichay</p> <p>4. adhunik kal</p> <p>A. Navjagran ki avdharna</p> <p>B. aadhunik hindi kavita ki pramukh pravratayan</p> <p>C. upanyas</p> <p>D. kahani</p> <p>E. natak</p>	Hindi Bhasha or Sahitya ka itihās	Is paper me vidhyarthi Hindi Bhasha ki utpatti uska Vikash or Hindi Sahitya ke kaal vian uski paristhi tatha Adikaal Bhaktikal Reetikaal or Adhunikkal ke udbhav or Vikash ewam uski pravratayan ko vistar se jaan paenge or Hindi Gadya ke anya vidhao ka bhi samanya parichay bhi prapt kar paenge	Is course ke madhyam se vidyarthi hindi sahitya ke base ko samjhenge

	<p>F. Nibandh</p> <p>G. aalochna tatha any gadhy roop</p>			
<p>3rd Semester general HINGCOR03T</p>	<p>Unit 1</p> <p>A. Bhartendu Harishchandra</p> <p>1.(Naye Zamane ki mukri)</p> <p>B. Maithilisharan Gupt</p> <p>1. Dono aur prem palta hai</p> <p>2. Manushyta</p> <p>Unit 2</p> <p>A. Jaishankar Prasad</p> <p>1. Ari karuna ki shant kachhar</p> <p>2. Le chal bhulawa dekar</p>	<p>Adhunik Hindi Kabita</p>	<p>Is paper ki char ikai hai jiske antargat vidhyarthi adhunik Hindi kaviyon jaise Bhartendu Harishchandra, Maithilisharangupt Jaisankar Prasad, Nirala, Subhadra Kumari chuhan , Dinar, Nagarjun or Agyey ki kavitaon ko vishtar se padhaya jaega</p>	<p>Is course ke madhyam se vidyarthi hindi sahitya ke aadhunikkaal ki kvitaon ko samjhenge</p>

3. Ashok ki chinta

B. Soorykant tripathi Nirala

1. Badal raag
2. Sneh nirjhar bah gya
3. Main akela dekhta hu aa rhi

Unit 3

A. Subhadra kumara chauhan

1. Thukra do ya pyar karo
2. Veero ka kaisa ho basant
3. Jhansi ki rani ki Samadhi par

B. Ramdhari singh dinkar

1. Triteey Sarg

Unit 4

A. Nagarjun

1. Akal aur uske baad
2. Meri bhi aabha hai isme
3. Hasan ki bandook

B. Agyey

1. Hiroshima
2. saanp
3. Yah deep akela

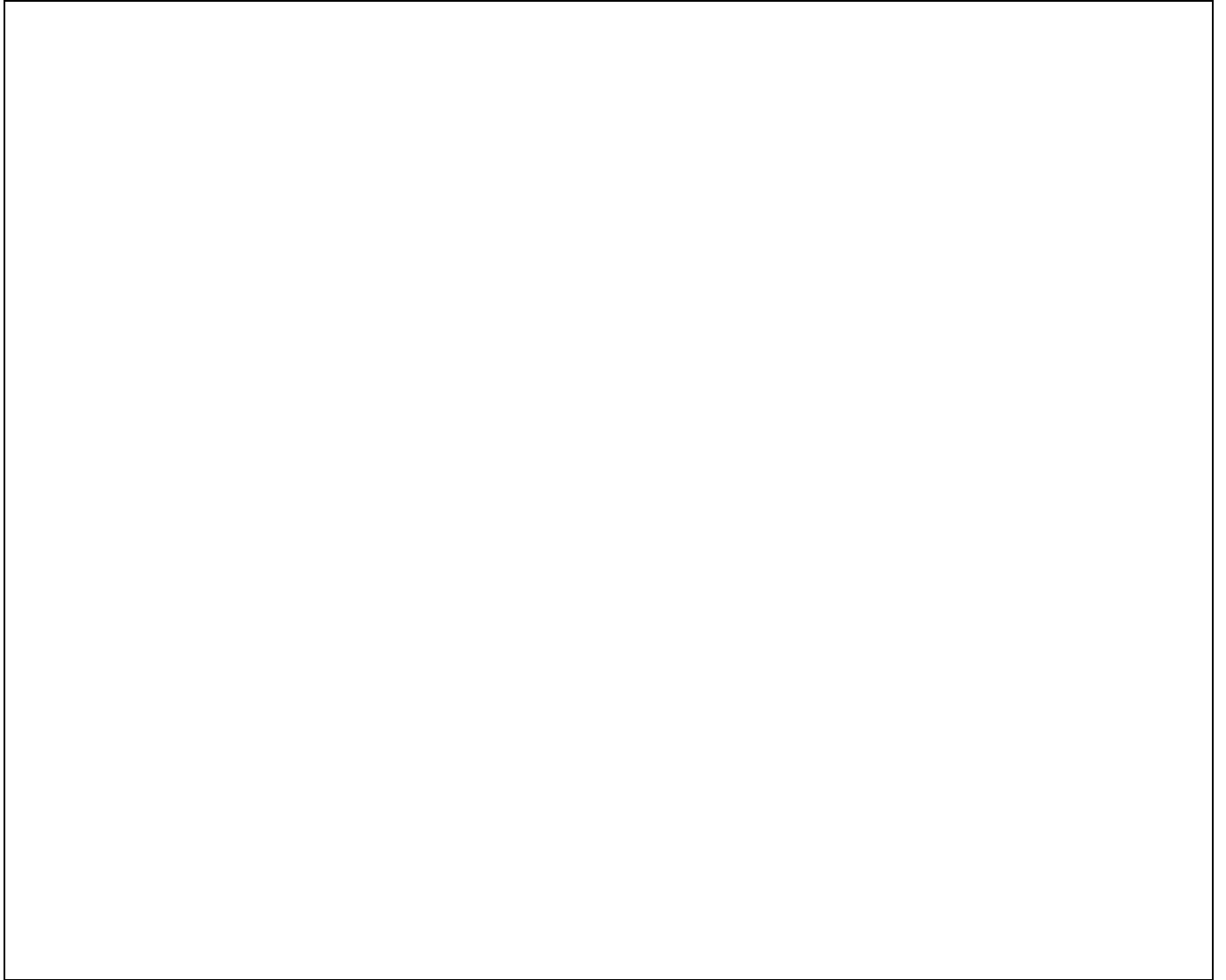
<p>3rd semester MIL HINLCOR01T</p>	<p>Unit 1</p> <ul style="list-style-type: none"> A. Hindi bhasha aur sahitya B. Aadhunik bharteey bhashaon ka samany parichay C. Hindi sahitya ka itihās (Adikaal) D. Hindi sahitya ka itihās (adhunik kaal) <p>Unit 2</p> <ul style="list-style-type: none"> A. Kabir B. Soordas <p>Unit 3</p> <ul style="list-style-type: none"> A. Bihari B. Bhooshan <p>Unit 4</p> <ul style="list-style-type: none"> A. Maithilisharan Gupt B. Nirala 	<p>Hindi Bhasha or Sahitya</p>	<p>Hindi Bhasha or Sahitya ka parichay vidhyarthi pa Sakenge aur Hindi Sahitya ke itihās ke Adikal or Adhunikkal ka samanya parichay prapt karte hue in dono kal ke kaviyon ki kavitaon ko bhi padh kar gyan prapt kar paenge</p>	<p>Is course ke madhyam se vidyarthi hindi bhasha aur sahitya ki shuruaat aur uske aapsi sambandh ko samjhenge</p>

3rd semester general and MIL HINSSEC01M	Unit 1 Hindi bhasha ke vibhinn roop Unit 2 Rajbhasha ka swroop Unit 3 Karyalayi Hindi ki shabdawali Unit 4 Karyalayi patrachar ke vividh prakar	Karyali Hindi	Is ikai me vidhyarthen ko Hindi Bhasha ka anya gyan prapt hoga tatha rajbhasha ke roop me Hindi kis Prakar vikshit hokar karyalya ki Bhasha bani iska bhi Vivran vistar se kiya gaya hai	

<p>2nd Semester General & MIL</p> <p>HINGCORO2T</p>	<p>Unit 1</p> <p>A. kabir B. Jaysi</p> <p>Unit 2</p> <p>A. Soordas B. Tulsidas</p> <p>Unit 3</p> <p>A. Meerabai B. Raskhan</p> <p>Unit 4</p> <p>A. Bihari B. Ghananand</p>	<p>Madhyakalin Hindi Kabita</p>	<p>In charo ikaiyon me vidhyarthen madhyakalin Kavi jaise Kabir, Tulsidas, Jaysi, Meerabai, Ras Khan, Bihari or Ghananand ki kavitaon ki jankari vistar se prapt kar sakte hai.</p>	<p>Is course ke madhyam se vidyarthi bhaktikaal ke pramukh kavi aur unki kavitaon ke bare me janenge</p>
<p>MIL</p>	<p>Unit 1</p> <p>Hindi bhasha aur sahitya</p> <p>Unit 2</p> <p>Bhaktikaleen kavita</p> <p>Unit 3</p> <p>Reetikaleen kavita</p> <p>Unit 4</p> <p>Aadhunik kavita</p>		<p>Is paper ke antargat vidyarthi Hindi Bhasha or Hindi me likhe gai vibhin Sahitya ka parichay prapt kar paenge aur sath hi sath Bhaktikalin, reetikalin, aur adhunikkalin Kavitaon ka bhi gyan unhe milega.</p>	<p>Is course ke madhyam se vidyarthi hindi bhasha aur sahitya ke Charon yugon ke bare me janenge</p>
<p>4th semester General</p>	<p>Unit 1</p> <p>A. Gaban</p>	<p>Hindi Gadya Sahitya</p>		<p>Is course ke madhyam se</p>

<p>HINGCOR04T</p>	<p>Unit 2 A. parda B. roz C. malbe ka malik D. kosi ka ghatwar E. akeli</p> <p>Unit 3 A. Nibandh</p> <p>Unit 4 A. Sansmaran</p>		<p>Is paper me vidhyarthe Hindi Gadya Sahitya jaise upnyas ,kahani,nibandh,sansmaran Ko padh paenge</p>	<p>vidyarthe hindi sahitya ke aadhunik kaal me gadya ki bhoomika aur uske vistaar ko samjhenge</p>
<p>4th semester MIL HINLCOR02T</p>	<p>Unit 1 Hindi gadhy udhbhav aur vikas</p> <p>Unit 2 kahaniyan</p> <p>Unit 3 Nibandh</p> <p>Unit 4 sansmaran</p>	<p>Hindi Gadya udhbhav aur Vikash</p>	<p>Is unit ke antargat vidhyarthe Hindi Gadya ka udhbhav or Vikash kaise hua iska vivran vistar se padhaya jaega or sath hi Hindi Gadya ki anya vidhae jaise kahani nibandh or sansmaran ki bhi jankari unhe di jaegi</p>	<p>Is course ke madhyam se vidyarthe hindi gadya ki alag alag vidhaon ke bare me janenge</p>

<p>5th semester HINGDSE02T</p>	<p>Unit 1 Ayodhyakand</p> <p>Unit 2 Baalkand</p> <p>Unit 3 Vinaypatrika</p> <p>Unit 4 Sundarkand</p>	<p>Tulsidas</p>	<p>Is charo ikayon me vidhyarathi ko Tulsidas dwara Rachit hamari pouranik dharmik granth Ramayan ke char Kand ka gyan prapt ho sakega</p>	<p>Is course ke madhyam se vidyarthi bhaktikaal ke kavi tulsidas ke bare me janenge</p>
<p>6th semester HINGGEC02T</p>	<p>Unit 1 Upnyas Dehati samaj (saratchandra Chattopadhyay)</p> <p>Unit 2 Natak- Ghasiram Kotwal (Vijay Tendulkar)</p> <p>Unit 3 Kahani -ek avismarniya katha (Indra Goswami) - Behae(Gopinath Mahanti) -Tredil (Jay kanthan) -khol do (saadat Hasan manto) -vidroh (Baburao Bagul)</p> <p>Unit 4 Nibandh Sahitya ka tatprarya sabhyata ka sankat (Rabindra Nath Tagore)</p>	<p>Adhunik Bhartiya Sahitya</p>	<p>Is paper me vidhyarathi ko upnyas Natak ,kahani or nibandh padhaya jaega jisme ashmiya udiya urdu marathi ki kahaniyon ko padhaya jaega vidhyarathi Hindi Sahitya se itar in Bhashaon ke sahitya ka gyan bhi prapt kar paenge</p>	<p>Is course ke Madhyam se vidyarthi bharat ke any bhashaon me likhe sahitya ko padhenge .</p>



Course Outcome

Department of Journalism and Mass Communication

- Media and Mass Communication train students in areas such as politics, culture and industry to understand the most complicated topics in the world.
- Those fields such as journalism, publicity, public relations are fields that you can put your talent on as a mass communication graduate, for example, banking, healthcare, IT and government sectors.
- Through powerful networking methods such as video conferences, mobile phones, e-mails, you can promote messages, products and programmes.
- In ad agencies, print media, broadcasting media, visual media and the internet, there are abundant opportunities.
- There are various methods to send messages to the masses. For instance, various ways of passing messages are found in print media, newspapers, magazines, journals and other publications.
- Likewise, mass communication will make use of the chance to meet anyone in the world if you are someone who likes to speak and wishes to be heard and do so professionally.
- Communication study will help students achieve professional success. Good oral and written messages are the main skills that employers look for, work well with others, manage their reputation, investigate, analyse and solve problems.
- This course helps students improve their ability to think about themselves, solve dilemmas, resolve disputes fast, work in a team and talk to the public.
- Study and practice of digital media helps in understanding social media as a discipline.
 - Practicals such as page design, creating websites, editing reports, photography, advertising and public relations, film editing and multimedia essentials helps students to get a job faster.

HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN

DEPARTMENT OF PHYSIOLOGY

SESSION-2021-2022

NAME OF THE ACADEMIC PROGRAM: PHYSIOLOGY GENERAL

PROGRAM CODE: PHYG

COURSE CODE: PHYG (GE/DSC) & PHYG (DSE) & PHYG(SEC)

COURSE TITLE: PHYSIOLOGY (GENERAL ELECTIVE /DISCIPLINE SPECIFIC CHOICE)

PHYSIOLOGY (DISCIPLINE SPECIFIC ELECTIVE)

PHYSIOLOGY (SKILL ENHANCEMENT COURSE)

COURSE OUTCOME (Cos)

After Completion of this Course Successfully, the Students will be able to

CO-1	Gain knowledge about the chemistry of biomolecules, enzymology, metabolic biochemistry, nutritional biochemistry, gastrointestinal physiology and also the qualitative identification of different physiologically important substances as well as the quantitative biochemical estimation of glucose, sucrose, lactose amimonitrogen in samples.
CO-2	Soak themselves with the knowledge of the cardiovascular, respiratory and renal physiology including basic idea about some common dieases of these vital systems.They learn to measure bloodpressure, pulse rate in both resting condition and after physical exertion to determine the physical fitness of a particular subject. They also gain knowledge on the pneumigraphic recordings of respiratory movements during different activities.

CO-3	Acquire details knowledge on the nerve & muscle physiology, total nervous system including brain & ther parts of the central nervous system, peripheral and autonomic nervous systems, receptors, reflexes, different types of general and special senses like vision, audition etc, higher intellectual functions like learning, memory etc. They also gain knowledge on the histological study of nerve & muscle, determination of visual acuity, colour vision, grip strength etc, the parameters which are verymuch important for being physically active.
CO-4	Acquire knowledge on different hemalogical techniques which they may apply to carryout tests and procedures to diagnose and treat problems with the blood in different diagnostic laboratories.
CO-5	Gain knowledge about the Endocrinology and Reproductive Physiology. Through the histological study of the permanent slides of different mammalian tissues and organs, the students can acquire knowledge on the morphogical features of different tissues and organs.
CO-6	Assess the quantities of food items and nutrients consumed by the people in their neighbourhood by the Diet Survey. After analyzing the survey data they can find out whether the existing dietary patterns are satisfactory or not, identify, predict and detect chronic or acute food & nutritional problems, findout the association between diet and disease, formulate the diet charts.
CO-7	Gain knowledge on biostatistics which is essential for the computation of data for the management of particular research projects in the field of physiology and other allied disciplines.

CO-8	Acquire knowledge on the important effects of exercise on body's systems, tissues and cells to build a strong and healthy body and also on the uses of scientific principles to allow our body to train better, perform better and recover quicker.
CO-9	Acquire knowledge on different hemalogical techniques which they may apply to carryout tests and procedures to diagnose and treat problems with the blood in different diagnostic laboratories.
CO-10	Gain knowledge about nutrition and dietetics, digestive physiology & metabolic biochemistry, promotion of good health through proper nutrition, prevention of related illness in the population.
CO-11	Acquire knowledge on the causes, hazards and prevention of different types of environmental pollution. They learn some techniques to identify the pollutants and the degree of pollution to prevent the exposure to protect our health as well as community.
CO-12	Assess the quantities of food items and nutrients consumed by the people in their neighbourhood by the Diet Survey. After analyzing the survey data they can find out whether the existing dietary patterns are satisfactory or not, identify, predict and detect chronic or acute food & nutritional problems, findout the association between diet and disease, formulate the diet charts.

Department of Psychology

Course Outcome

Psychology encompasses topics of different other allied fields such as components and principles of human physiology and development, cognitive processes, education, research methodology, statistics, sociology, gender and sexuality, counselling and therapeutic interventions for psychological disorders, community related issues, applications of psychological principles at work place, health and stress, inter-group relations. Thus, Psychology, indeed, is a multi-disciplinary subject. Hence, the subject provides ample of opportunities to the students to gain detailed knowledge regarding psychological processes and principles as well as various concepts about the allied fields.

CORE COURSE			
Semester	Paper Code	Paper Name	Course Outcome
Sem-I	PSYACOR01T & 01P	Introduction to Psychology	To introduce students with the basic concepts of psychology with an emphasis on application of psychological principles in everyday life.
	PSYACOR02T & 02P	Biopsychology	To enable students to explore the underlying biological bases of behaviour and its effects on cognitive processes and to develop understanding of neurobiological bases of psychological functioning.
Sem-II	PSYACOR03T & 03P	Psychology of Individual Differences	To make students understand diversity among people as every individual is unique in his/her own way.
	PSYACOR04T & 04P	Statistical Methods for Psychological Research-I	To provide students a general overview regarding the concepts of statistical methods and tools used in descriptive statistics involved in psychological research.
Sem-III	PSYACOR05T & 05P	Psychological Research	To familiarize students with the processes of psychological research involving quantitative and qualitative methods.
	PSYACOR06T & 06P	Development of Psychological Thought	To educate students about the developmental processes and related issues in contemporary psychology.
	PSYACOR07T & 07P	Social Psychology	To develop student's ability to explore the social world that

			influences intra-personal and interpersonal relationships in various social contexts.
	SEC	Stress Management	To better equip students to effectively deal with the stressors to make them able to identify the signs of stress, to regulate the reactions to stress, to make them learn the techniques of stress management, and to practice and follow suitable coping strategies.
Sem-IV	PSYACOR08T & 08P	Statistical Methods for Psychological Research-II	To develop the knowledge of statistical techniques of inferential statistics and hypothesis-testing.
	PSYACOR09T & 09P	Developmental Psychology	To provide the opportunity to the students to understand developmental processes across the life span and to generate sensitivity towards different socio-cultural contexts of human development.
	PSYACOR10T & 10P	Applied Social Psychology	To develop student's ability to implement psychological principles in resolving social problems.
	SEC	Effective Decision making regarding future career	To enable students to take effective decisions about their future career.
Sem-V	PSYACOR11T & 11P	Understanding Psychological Disorders	To inculcate an understanding of psychopathology to sensitize the students to bust the myths associated with behavioural abnormality/ psychological disorders.
	PSYACOR12T & 12P	Organizational Behaviour	To make students aware of the concepts and issues related to human behaviour and its consequences in organizational settings.
	PSYADSE01T & 01P	Clinical Psychology	To impart detailed understanding of psychopathology through identification, diagnosis, treatment and an overview of therapeutic interventions.
	PSYADSE02T & 02P	Human Resource Management	To enable students to understand the various processes underlying organizational behaviour in managing human resources.

Sem-VI	PSYACOR13T & 13P	Understanding and Dealing with Psychological Disorders	To help students learn the techniques to deal with persons having psychological disorders.
	PSYACOR14T & 14P	Counselling Psychology	To impart the knowledge about the basic processes, techniques, and challenges of counselling.
	PSYADSE04T & 04P	Community & Cross-cultural Psychology	To develop understanding of values, customs and relationships among different cultures and communities to make students learn the link between them.
	PSYADSE05T & 05P	Developmental Psychology: Contemporary Approaches	To develop understanding of various issues and challenges during different stages across life span, and during the development of identity,
GENERAL COURSE			
Sem-I	PSYGCOR01T/ PSYHGEC01T & P	General Psychology	To equip the students to develop overall concepts of different psychological processes.
Sem-II	PSYGCOR02T/ PSYHGEC01T & P	Youth, Gender & Identity	To enable students to develop clear ideas about gender related issues to help understand the process of identity formation.
Sem-III	PSYGCOR03T/ PSYHGEC03T & P	Psychology for Health & well-being	To guide students in utilizing the psychological principles to maintain or restore healthy lifestyles for better well-being.
Sem-IV	PSYGCOR04T/ PSYHGEC04T & P	Psychology at Work	To help students use human resources in a better way at work place to promote a healthy work culture.
Sem-V	PSYGDSE01T & 01P	Clinical Psychology	To provide knowledge about clinical pictures of psychological disorders.
Sem-V	PSYGGEC01T	Media & Psychology	To provide an idea about the role of media in the formation and change of various socio-psychological phenomena.
Sem-VI	PSYGDSE04T & 04P	Developmental Psychology: Contemporary Approaches	To help students gain knowledge about the developmental principles and patterns and related disabilities to deal with such issues sensitively.
Sem-VI	PSYGGEC02T	Intergroup Relations	To make students understand the importance of healthy inter-group relationship in order to form a productive society and explore

			strategies to reduce or resolve inter-group conflicts.
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HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN

DEPARTMENT OF SANSKRIT

COURSE OUTCOMES UNDER CBCS (HONOURS)

Sanskrit Language and Literature has a very rich heritage and it is one of the prominent languages of the Indo European Language group. It is a medium to provide profound knowledge about ancient Indian society, culture, religion through its text. The academic programme of both Honours and General degree courses are designed to enhance not only professional skill but also develop a deep understanding of the incredible heritage of India through various Sanskrit texts.

CORE COURSE	TITLE OF THE COURSE	COURSE OUTCOMES
SANACORO1T	Classical Sanskrit Literature (Poetry)	This course aims to get students acquainted with Classical Sanskrit Poetry. It intends to give an understanding of literature, through which students will be able to appreciate the development of Sanskrit Literature. The course also seeks to help students to
SANACORO2T	Critical Survey of Sanskrit Literature	This Course is divided into 5 Sections. This course aims to get students acquainted with the journey of Sanskrit literature from Vedic literature to Purāna. It also intends to give an outline of different shastric traditions, through which students will be able to know the different genres of Sanskrit Literature and Śāstras.
SANACORO3T	Classical Sanskrit Literature (Prose)	This Course is divided into 3 Sections. This course aims to acquaint students with Classical Sanskrit Prose literature. Origin and development of prose, Important prose romances and fables Sanskrit are also included here for students to get acquainted with the beginnings of Sanskrit Prose literature. The
SANACORO4T	Self Management in the Gītā	This Course is divided into 3 Sections. The objective of this course is to study the philosophy of self-management in the Gītā. The course seeks to help students negotiate the text independently without referring to the traditional commentaries so as to enable them to experience the richness of the
SANACORO5T	Classical Sanskrit Literature (Drama)	This Course is divided into 4 Sections. This course aims to acquaint students with three most famous dramas of Sanskrit literature which represent three stages in the growth of Sanskrit drama.
SANACORO6T	Poetics and literary criticism	The study of sāhityaśāstra (Sanskrit Poetics) embraces all poetic arts and includes concepts like alaṅkāra, rasa, rīti, vakrokti, dhvani, aucitya etc. The entire domain of Sanskrit poetics has flourished with the topics such as definition of poetry and divisions, functions of word and meaning, theory of rasa and alaṅkāra (figures of speech) and chandas (metre), etc. This develops capacity for creative writing and literary appreciation.
SANACORO7T	Indian Social Institutions and Polity	This Course is divided into 4 Sections. Social institutions and Indian Polity have been highlighted in Dharma-śāstra literature The aim of this course is to make the students acquainted with various aspects of social institutions and Indian polity as propounded in the ancient Sanskrit texts such as Samhitās, Mahābhārata, Purāna, Kauṭilya's Arthaśāstra and other works known as Nītiśāstra.
SANACOR08T	Indian Epigraphy, Paleography and Chronology	This course aims to acquaint the students with the epigraphical journey in Sanskrit, the only source which directly reflects the society, politics, geography and economy of the time. The course also seeks to help students to know the different styles of Sanskrit writing.
SANACOR09T	Modern Sanskrit Literature	The purpose of this course is to expose students to the rich & profound tradition of modern creative writing in Sanskrit, enriched by new genres of writing. The contribution of Bengal in modern Sanskrit literature will also be known through this course.
SANACOR10T	Sanskrit and World Literature	This course is divided into two sections, East and West. It is possible to know the contribution of Eastern and Western Scholars in Sanskrit literature by studying this course.

SANACOR11T	Vedic Literature	This course on Vedic literature aims to introduce various types of vedic texts with a view to provide ideas about the vedic Studies in ancient India.
SANACOR12T	Sanskrit Grammar	This course is divided into four sections. Through the study of this course students will acquire knowledge on Grammar. General introduction of Philology highlights on various aspects of linguistics,
SANACOR13T	Ontology and Epistemology	This course aims to get the students acquainted with the cardinal principles of the Nyāya-Vaiśeṣika philosophy through the Tarkasaṅgraha and to enable students to handle philosophical texts in Sanskrit.
SANACOR14T	Sanskrit Composition and Communication	This paper aims to improve creative writing based on Laghusiddhantakaumudi Vibhaktiyartha Prakarana.
SANADSE01T & SANADSE04T	Veda & Vyakarana	This course focuses on some special topics of Vedic Samhita, Brahamana and Upanishad. Students will also be able to gain detailed knowledge about the Vedic culture and Vedic studies in Bengal. Computational Linguistics unveils a new way to learn Sanskrit through computers.
SANADSE03T & SANADSE06T	Kavya	Through the study of this course the students will have special access and knowledge of Poetics.
SANSSEC01M	Basic Sanskrit	By studying this course students will learn the skills of Sanskrit composition.
SANSSEC02M	Spoken Sanskrit & Computer Awareness for Sanskrit	By conversing in Sanskrit, students will learn to speak in Sanskrit. Through this course students will be able to type in unicode for preservation and digitalization of Sanskrit Text.

COURSE OUTCOMES UNDER CBCS (GENERAL)

CORE COURSE	TITLE OF THE COURSE	COURSE OUTCOMES
SANGCOR01T	Sanskrit Poetry	This course will help the students develop a fair idea of the works of great Sanskrit poets. They will be able to appreciate the styles and thoughts of individual poets focusing on the poetical, artistic, cultural and historical aspects of their works. This course will enhance competence in chaste classical Sanskrit and give them skills in translation and interpretation of poetic works.
SANGCOR02T	Sanskrit Prose	The course will enable students to familiarize themselves with some leading classical prose works and the individual literary styles of their authors. After the completion of this course the learner will be exposed to the socio-cultural conditions of the Indian society as reflected in the prescribed texts. They will acquire skills in advanced Sanskrit communication.
SANGCOR03T	Sanskrit Drama	After completion of this course the students will be aware about the beauty and richness of classical Sanskrit dramatic tradition. This course will enhance the ability for critical thinking on issues of culture, polity, morality, religion etc as reflected in the prescribed texts The course will make the students aware of the formal structures of Sanskrit drama in the tradition of Bharata's natya Shastra.
SANGCOR04T	Sanskrit Grammar	After completion of this course students will understand the basic structural nuances of Panini's grammar. They will become familiar with fundamental sandhi and compounding patterns. They will also understand some most important primary and secondary suffixes of Sanskrit. The practice of the application of the rules learnt from the reading of the texts will further enhance their knowledge of the structural patterns of Sanskrit language.
SANSAEC01M	Sanskrit	As a result of studying this course students other than sanskrit will be able to acquire a general knowledge on Sanskrit Grammar.
SANLCOR01T & SANLCOR02T	Sanskrit	Sanskrit is also one of the modern Indian languages. This course arouses special interest in the study of Sanskrit language and Sanskrit Grammar.

SANSSEC01M	Basic Sanskrit	By studying this course students will be able to acquire special skills in writing in Sanskrit.
SANSSEC02M	Spoken Sanskrit & Computer Awareness for Sanskrit	By practicing spoken Sanskrit, students will be able to speak in Sanskrit. Through this course students will be able to type in unicode for preservation and digitalization of Sanskrit Text. There is also special importance in the field of web publishing.
SANGDSE02T & SANGDSE04T	Vyakarana & Kavya	Through the study of this course, it is possible for the students to gain special access and knowledge of Vyakarana and Kavya. Computational Linguistics unveils a new way to learn Sanskrit through computers.
SANGGEC01T	Basic Sanskrit	This course will enable the students to know the basics of Sanskrit Grammar i.e. Sandhi, Samāsa etc and Composition. The study of this course is also very interesting to understand the philosophy of Gita.
SANGGEC02T	Critical Survey of Sanskrit Literature	This Course is divided into 5 Sections. This course aims to get students acquainted with the journey of Sanskrit literature from Vedic literature to Purāṇa. It also intends to give an outline of different shastric traditions, through which students will be able to know the different genres of Sanskrit Literature and Śāstras.

Department of Sociology

Course Outcome- Honours course

Sociology as an interdisciplinary, analytical social science is offered both as UG Honours and General subject under the CBCS curriculum of West Bengal State University since 2018. Previously the discipline was offered as honours and general course under the 1+1+1 system also. Presently, the entire undergraduate course of three (3) years is divided into six semesters. For the honours students in semester 1 and 2 two core course (CC-1, 2 and CC- 3, 4) papers are offered, whereas for semester 3 and 4 there are three core course papers (CC- 5, 6, 7 and CC- 8, 9, 10) as well as one Skill Enhancement Course (SEC- 1 and SEC-2) for each semester respectively. In semester 5 and 6 two core course papers (CC-11, 12 and CC- 13, 14) along with 2 Discipline Specific Elective (DSE) papers are offered. Similarly, in the general course Sociology is offered as one Discipline Specific Core (DSC) or Generic Elective (GE) subject for each semester. The detailed format along with the course outcome is given in the following table.

Sl. No.	Semester	Paper Name	Paper Code	Course Outcome
1.	1 st	Introduction to Sociology- I	SOCACOR01T	Being the introductory paper, this paper aims to develop in students sociological imagination by distinguishing between sociology and common-sense. It also aims to highlight the emergence of the discipline as well as its development and at the same time attempts to focus on various basic social concepts e.g. society, community, association, institution, culture, socialization, social processes and change etc., without studying which one cannot develop a sociological perspective.
2	1 st	Sociology of India-I	SOCACOR02T	This paper is the beginning part of the Sociology of India, which aims to inculcate in students India's different object of knowledge through the lens of different discourses. It also highlights Indian Society related different concepts and institutions e.g.

				caste, class, tribe, village, kinship and religion, which develop a holistic approach about India's traditional culture and lifestyles.
3	2 nd	Introduction to Sociology II	SOCACOR03T	This introductory part takes students to the next level of learning and knowledge building, where the primary focus is on developing a detailed understanding about sociological theory in general and particularly to classical sociological theories i.e. Functionalism, Interpretative theories, Conflict and Feminist perspectives etc.
4	2 nd	Sociology of India II	SOCACOR04T	This second part of the Sociology of India, aims to develop an idea on Indian society through the eyes of different sociological thinkers like Rabindranath, Gandhi, Ambedkar, Ghurye, D.P.Mukherji, Benoy Kumar Sarkar, Srinivas. This paper also focuses on different movements (Dalit, Women's, Peasants and Ethnic etc.) and challenges of society, which is very much essential to develop an all pervasive approach about Indian Society.
5	3 rd	Political Sociology	SOCACOR05T	This paper follows an interdisciplinary approach by combining theories and dimensions of both Sociology and Political Science. It is designed in a way that instils in students the basic facts of polity and society. Ideas about political culture and political socialization, state and democracy, governments, democratic decentralization etc. are taught in this course so that students can enrich

				their knowledge about the structure and functioning of the society, its rules and regulations, policies etc. and be good citizens.
6	3 rd	Sociology of Religion	SOCACOR06T	In this paper sociological analysis and interpretation of religion and religious ideas is being taught. Its focus on ancient religions as well as the development of this new field in different regions of the world makes students aware of the theoretical and practical approaches to study religion sociologically. Moreover, this specific paper also brings into light concepts and issues pertinent to modern society e.g. communalism, secularism, religious fundamentalism etc.
7	3 rd	Sociology of Gender	SOCACOR07T	Sociology of gender has burgeoned as a vibrant area of productive and fruitful research since the last 70 years or so. Its growing popularity in the West helped in its initial introduction and establishment in Indian academic discourses. Sociology of gender aims to discuss about 'social'-gender issues and not just 'biological'- sex. The focus on discussion about patriarchy, gender, sexuality, transgender identities and their movements, intersectional differences between men and women like gender and caste, gender and class, violence against women etc. are taught in this course in order to unearth women's subjective experiences of discrimination and

				exploitation as well as for making their unheard voices heard.
8	4 th	Economic Sociology	SOCACOR08T	Economic Sociology is that specific branch of Sociology that applies a sociological perspective to economic phenomena. Through this paper the students are motivated to learn about the various economic-sociological approaches like Formalism, Substantivism etc. Besides, the different modes of production like hunting and gathering, capitalism, socialism etc. are also taught in order to trace the chronological development of the subject as well as the economic sectors. Besides, the different forms of gift, exchange and money etc. and their link with globalization is also taught in this course.
9	4 th	Sociology of Kinship	SOCACOR09T	In the fourth semester the students will come to know about marriage, family and kinship sociologically. This paper focuses not only on types of marriage and family but the origin and development of various kinship patterns as well as their recent equivalents are being taught here. Descent, lineage along with their respective approaches, breakdown of joint family, new reproductive technology, alternative sexualities and their recent status are among the majorly discussed areas here.
10	4 th	Social Stratification	SOCACOR10T	This specific paper aims to throw light on different aspects of stratification and inequality present in our

				<p>society. Through this paper students come to know about the basic causes and forms of inequality followed by different sociological approaches that view stratification from diverse dimensions. Functionalist theory, Marxian theory, feminist theory of patriarchy and post-modernist theory of Bourdieu envision stratification from different angles. Moreover this paper teaches the students about how a society experiences several forms of stratification on the basis of caste, class, ethnicity, gender etc. Development and globalization issues are also dealt with in order to develop a holistic approach towards present society.</p>
11	5 th	Sociological Thinkers-I	SOCACOR11T	<p>This paper is perhaps one of the most important papers as it deals with classical school of thought. Detailed theories of Emile Durkheim, Karl Marx and Max Weber are taught here, which provide the students with the rich knowledge base of classical sociological theory. Starting from social fact to suicide, from class struggle to revolutions and historical materialism and Weber's typology of social actions, rationality, relation between economy and religion are taught so that the students can have an idea about the development of sociological theories since inception to the dynamic nature of society at the onset of industrialization and rise of capitalism.</p>
12	5 th	Sociological	SOCACOR12T	Sociology encourages

		Research Methods- I		<p>empirical research on various social issues and events. For this it also focuses on the research methods that are to be followed to conduct and complete a research. In this paper the basics of research methodology like the historical background of conducting research, the various approaches to research methods such as positivism, empiricism, interpretivism etc. are taught in order to enable students to conceptualize various aspects through the lens of different perspectives. Moreover, logical reasoning behind the conduct of research (deductive or inductive), hypothesis, objectivity, reflexivity, distinction between different types of research such as qualitative and quantitative etc. are also taught to guide students practically when they are going to conduct research.</p>
13	5 th	Urban Sociology	SOCADSE01T	<p>This is an elective paper offered at 5th semester. In this paper the focus is on the various dimensions and nuances of Urban sociology starting from urbanism to the development of different approaches of viewing society. Ecological, political economical and other approaches related to the emergence and development of city (e.g. Weber, Simmel's and Catell's approaches) are being taught here. Moreover, recent trends in urban sociology like culture and leisure, urban space in relation to</p>

				caste, class and gender also get attention here and inculcate in students the ability to develop critical understanding of various aspects of urban sociology.
14	5 th	Agrarian Sociology	SOCADSE02T	In comparison with DSE-1, this course is taught to the 5 th semester students that deals with development of agrarian societies and studies, the key issues in agrarian sociology such as agrarian question, moral economy, agrarian commodity systems etc. Here special reference of India is given also in order to make students aware of the past and recent developments in agrarian structure and studies. Labour and class structure, markets, land reforms, green revolution, agrarian movements, relation between caste, gender and agrarian realities are focussed here. Some global aspects are also being taught to enable students to develop analytical understanding about agrarian crisis and global order. It actually helps in expansion of knowledge about agrarian realities.
15	6 th	Sociological Thinkers-II	SOCACOR13T	This paper is also very significant as it traces the roots and development of sociological theory as well as the contributions of thinkers from the onset of modernity to postmodernity. Beginning with Talcott Parsons' functionalism to Levi Strauss's structuralism, from Mead and Goffman's symbolic interactionism to Berger and Luckman's social constructionism this paper

				deals with the chronological development of different schools of thought. Similarly, Frankfurt school of critical theory is being taught as a product of late modernity and Bourdieu's capital as a reflection of post-structural and post-modern thinking. The entire paper is like a journey from modern sociological theorizing to so called post-modern one, that aims to teach students about the rich theoretical base of the discipline.
16	6 th	Sociological Research Methods-II	SOCACOR14T	This paper offers a more advanced course in terms of research methodology. Different types of research like qualitative and quantitative are focussed while also emphasizing the types of sampling, data collection and data analysis techniques. More significantly this paper also teaches students basic statistical skills like preparing frequency distribution, graphical representation, measures of central tendency and dispersion etc. to enable students to make inferences from their research data.
17	6 th	Sociology of Work (DSE-3)	SOCADSE04T	This paper is also a DSE (discipline specific elective), which teaches students how to link work and industry sociologically. The course also imparts knowledge about industrial culture and organization like industrialism, post-industrialism and information society. Dimensions of work focus on aspects such as alienation,

				gender and unpaid work and forced labour. Work in the informal sector is also highlighted while in the last module issues related to risk, hazards and disaster are taught in order to enable students to have proper knowledge about work and different sectors that help bind the economy with the society.
18	6 th	Indian Sociological Traditions (DSE-4)	SOCADSE06T	This is another most important paper in sociology course as it focuses on the Indian sociological traditions. The focus here is on the emergence and development of theoretical traditions in India with reference to the contributions of several scholars whose academic acumen has enriched sociology as a discipline. Ghurye, Radhakamal Mukherjee, D.P. Mukerji, Verier Elwin, M. N. Srinivas, Irawati Karve and Leela Dube are some of the pioneers in Indian sociology whose relentless academic efforts are neither forgettable nor can be avoided. They actually lay the foundation of sociological thinking in India that is being continued unabated till date. So it is essential to make students aware of this rich legacy in order to know one's own society.
19	3 rd	Skill Enhancement Course- I (SEC) Development of Social Research Skills	SOCSSSEC01M	This is a skill enhancement course offered to the honours students so as to make them aware of the practical trends in sociology or more specifically sociological research. This is also a nascent step before going to

				<p>the much detailed courses on research methods. Here the concept of social research, the different levels of measurement, some basic methodological and statistical concepts are being taught for enabling students to develop research aptitude for future.</p>
20	4 th	Skill Enhancement Course-2 (SEC)- Gender Sensitization	SOCSSSEC02M	<p>The rationale behind the offering of this course is extremely relevant and significant. Gender related issues are still taken for granted in our patriarchal social set-up and thus we need to sensitize our young generation so that in future we can build up a gender-neutral environment. In this course basic concepts like sex, gender, patriarchy, sexuality and sexual identities are taught while also focussing on gender rights and law in India such as right to property, personal laws, rape, domestic violence, sexual harassment etc. and also an idea regarding International conventions and protocols e.g. CEDAW, MDGs etc. are being taught in this course. This course can sensitize students to be responsible and bias-free citizens.</p>

Department of Sociology

Course Outcome (General Papers-DSC/GE/DSE)

SL NO.	SEMESTER	PAPER NAME	PAPER CODE	COURSE OUTCOME
1	Semester 1	Introduction to Sociology	SOCGCOR01T	This is the introductory part of the subject, which aims to develop a clear understanding about the basic concepts of the society, social institutions, social movements and social change etc.
2	Semester 2	Sociology of India	SOCGCOR02T	This paper mainly focuses on Indian society, Social Institutions, movements and challenges, which is very much essential to develop a clear overview about the society.
3	Semester 3	Sociological Theories	SOCGCOR03T	This paper aims to develop a basic theoretical idea about the three founders of Western social thinkers (Karl Marx, Emile Durkheim, Max Weber).
4	Semester 4	Methods of Sociological Enquiry	SOCGCOR04T	This paper follows research methodology related concepts and perspectives, which is very much important to build up a clear understanding about theory, research and different types of methods.
5	Semester 5	Marriage, Family and Kinship	SOCGDSE02T	This paper follows Marriage, Family and Kinship related concepts and contemporary issues, which is essential to understand a unchanged and changing versions of this institutions.
6	Semester 5	Polity and Society	SOCGGEC01T	This is the introductory

		in India		part of the political sociology, which aims to develop a basic understanding about different political concepts and ideas.
7	Semester 6	Social Stratification	SOCGDSE03T	This paper mainly focus on social stratification, follows forms of stratification and social mobility, which are considered an important part to understand different social institutions and their functions.
8	Semester 6	Economy and Society	SOCGGEC02T	This is the introductory part of Economic sociology, which aims to develop a basic understanding about sociological aspects of economic phenomenon, different modes of production and related contemporary issues.

DEPARTMENT OF URDU (C.O) (2021-22)

Urdu is one of the most spoken and sweetest languages of India. This is the modern language of our country which is spoken not only around states of our country but also in worldwide Urdu is spoken. The nations like India, Pakistan, Nepal, Bhutan, USA, UK, China, Japan, Indonesia, etc where Urdu language hold its sweetness and people speak it by heart. Among these all nations where Urdu is spoken Pakistan grant it as an official language. You can realize the preciousness of Urdu language by identifying that this language is also spoken by Sufis, Saints, Fakirs like Merabai, Saint Kabir Das, Guru Nanak, Baba Fariduddin Gunj Shakar, Amir khusro, Nizamuddin Aulia and Siraj Aurangabadi. It plays a vital role for the independence of India by using this language in Journals, Poems, Proses etc. Through journals, ghazal, nazam, i. e, poems and proses Poets like Allama Iqbal, Faiz Ahmed Faiz Josh Malah Abadi and writers like Maulana Abul Kalam Azad (the first education minister of independent India), Jafar Jatli, Hasrat Mohani etc were played a vital role to get the freedom from English emperor. Urdu was also spoken in the Mughal Era. Quli Qutub Shah, Mulla Wajehi, Adil Shal, Zauq, Mir Dard and the last Mughal emperor Bahadur Shah Zafar were also taken important role for the development of this language by writing poems like Ghazal.

Mir Taqi Mir, Mirza Ghalib, Nazeer Akbarabadi, Hali, Anis, Dabir, Faiz, Josh, Iqbal, Chakbast, Daya Shankar Nasim, Rajendra Singh Baidi, Manto, Prem Chand, Krishna Chandra, Quratul Ain Haider and so on played a vital role for uplifting the social and cultural bond of India's composite culture. Urdu language is the great example for Ganga Jamuni Legacy. Poet like Nazir Akbarabadi praise Lord Krishna and Rama in his couplets and Allama Iqbal sings the song of brotherhood

and peace for every country men of this soil and Chakbast wrote poems about Ram Banbas. This language is also belong to our great freedom fighters likes Ghandhi Ji, Sardar Shaheed Bhagat Singh , Bismil Azamabadi ,Ashfaqullah Khan and Maulana Abul Kalam Azad , Hasrat Mohani and so on. The sweetness of this language and melodious vocabulary attract each and every heart. The popularity of Indian cinema is incomplete without the contribution of the sweetest language i.e, Urdu language.

See the sweetest and preciousness of the Urdu language in the following two lines i.e, sher by the great urdu poet Allama Iqbal.

"Saare Jahan Se Achha Hindustan Hamara
Him Bulbule Hain Iski Yeh Gulstan Hamara".

Nowadays, Urdu is spoken and written in all over the country. In cinema , plays, theatres, songs, or any entertaining programmes Urdu language is used.Either politicians or film maker all speak or mass communicate with the mass by Urdu language to attract the them.

Urdu language literature plays a significance and important role in nation building. This language can break the barriours of narrow nationalism and false nationalism. It can helps to create a international brotherhood and peace for all human being. In this modern era and the era of globalization where moral and ethical values collapse each and every day this language can bring people together.

PAPER	COURSE	OUTCOME
URDACOR01T	URDU ZUBAN O ADAB KI TARIKH	To understand the origin of the urdu language including it's birthplace and the

		theory regarding the birth of this language.
URDACOR02T	CLASSIKAL GHAZAL	<p>To understand the meaning of Urdu ghazal and the different ghazal poets of different ages.</p> <p>Students will also understand regarding language of earlier poets and the changes of vocabulary in different ages.</p>
URDACOR03T	QASIDA AUR MARTHIYA	<p>To understand the meaning of Qasida and its origin development of Urdu qasida in different ages.</p> <p>The students will also be aware regarding literary trend of classical Urdu.</p> <p>To understand the cultural values of Urdu and its role in language building.</p>
URDACOR04T	MATHNAVI, NAZM AUR RUBAI	<p>To understand the genres like Mathnavi, Nazm and Rubai. Difference between these genres. This chapter will also help the students to understand the changes of form of different poetic meters.</p>
URDACOR05T	DASTAN AUR NOVEL	<p>To understand the poetics of Daastan and Novels.</p> <p>What are the differences between Daastan and novel.</p> <p>It also helps to understand that Novels are not the changed form of Daastan.</p> <p>It also helps to know the Indian culture through Daastan.</p>
URDACOR06T	AFSANA AUR DRAMA	<p>This is the age of fiction</p> <p>Short stories and drama have a lot of space in literary scenario.</p> <p>This will help to understand the moral, ethical values of the human nature.</p>

URDACOR07T	MAKATEEB, SAWANAH AUR KHAKEY	To understand the meaning of These genres. To differentiate between the different form of prose.
URDACOR08T	INSHAIYA, MAQALAAAT AUR SAHAFAT	To understand the different genres of urdu prose their forms and development age by age.
URDACOR09T	NAI, TARAQQI PASAND AUR JADID GHAZAL	To understand the meaning of progressive thoughts in literature, changes of forms of poetry under the leaderships of different literary styles.
URDACOR10T	TARAQQI PASAND AUR JADID NAZM	To understand the progressive ,modernism and post modernism thoughts in urdu literature. Different forms of Poetry including free verse, Blank verse etc: Different literary trends and their effect on urdu poetry.
URDUSEC01	URDU ADAB AUR HINDUSTANI FILM	To understand the contribution of urdu language in Indian cinema. To understand the contribution of urdu poets in film industry.
URDUSEC02	URDU SAHAFAT	To understand the meaning of journalism, importance of journalism. To understand the contribution of urdu journalist in nation building. Different form of journalism and impact of urdu language on other languages journalism. Contribution of Maulana Azad in making of journalism, true and fearless journalism.
URDACOT11T	ADABI TAHRIKAAT	To understand the meaning and difference between literary movement and literary trends.

		"To understand different literary movements of urdu literature with their socio-literary effects, specially aligarh movement, prograssive literary movement etc.
URDACOR12T	ADAB AUR TANQEED	To understand the meaning of Literature and art. To understand the meaning of criticism and different school of thoughts of criticism.
URDACOR13T	GHALIB	To understand the devlopment of urdu language in a particular region.
URDACOR14T	BANGAL KA URDU ADAB	To understand the life and works of a genios poet who leave a mark on urdu poetry and prose.
URDADSE05T	TANZ O MAZAH	To understand the meaniuof humor and satire. Contribution of humor and satire in social and politics awareness.
URDADSE06T	SIR SYED AUR UNKA AHAD	To understand the contributiom of sir syed in making of literary trend of modern prose of urdu literature. Aligarh movent and it's literary socio cultural effect.
URDADSE01T	MEER	To understand the contribution of Mir as s trend setter of urdu ghazal. Mir's poetry in the context of life during the mughal era and emergence of a new social and political eras beginning.
URDADSE02T	IQBAL	To understand the Iqbal poetry in the context of religion, politics and nationhood, specially Islam.
		To understand the iqbal's contribution in

		the development of urdu ghazal and it's form.
URDGCOR01T	URDU ZUBAN O ADAB KI MUKHTASAR TAREEKH	To understand the origin of the urdu language including it's birthplace and the theory regarding the birth of this language.
URDGCOR02T	GHAZAL	To understand the meaning of Urdu ghazal and the different ghazal poets of different ages. Students will also undestnad regarding language of earlier poets and the changes of vocabulary in different ages.
URDGCOR03T	NAZM	To understand the about genres Nazm. Different firms of Nazm in different periods.
URDGCOR04T	DASTAN AUR NOVEL	To understand about different form of prose like Daastan and novel. To discriminate in Daastan and novel.
URDSSEC01M	URDU ADAB AUR HINDUSTANI FILM	Arab aur. Hindustani film to understand about the contribution of urdu language in Indian film.
URDSSEC02M	URDU SAHAFAT	TO understand the contribution of urdu journalisilm in making of urdu prose. To understand about the contribution of urdu journalism in freedom movement of India.
URDGDSE04	DASTAN AUR NOVEL	To understand about different form of prose like Daastan and novel. To discriminate in Daastan and novel.

COURSE OUTCOME

DEPARTMENT OF ZOOLOGY

The department of Zoology was established in the year 1999 to cater the Zoology General course under the University of Calcutta and in the year 2004 for imparting Zoology honours course under the University of Calcutta , but since 2010 onwards our college are running under West Bengal State University . The first Head of the Department was Dr. Soumendra nath Poddar . Currently the department are running under the leadership of Dr. Indrajit Biswas . The department has many dynamic and experienced faculties from different background like Dr. S Rehan Ahmad , Dr. Anindya Sundar Bhunia , Miss Rituparna Maithy and Shri Santanu Das.

Course Outcome for Honours

SEMESTER	PAPER CODE	OUTCOME
I	ZOOACOR01T ZOOACOR01P, ZOOACOR02T ZOOACOR02P,	After completion of course module & students will understand the ontogeny and other physiological processes with respect to Protozoa , Porifera , Cnidaria , Ctenophora , Platyhelminthes , Nematelminthes . After completion of course module ZOOACOR02T & ZOOACOR02P , students will understand the all mechanism of Ecology .
II	ZOOACOR03T ZOOACOR03P, ZOOACOR02T ZOOACOR02P,	After completion of course module ZOOACOR03T & ZOOACOR03P , students will understand the ontogeny and other physiological processes with respect to Coelomate , Annelida , Onychophora , Mollusca , Echinodermata , Hemichordata .
		After completion of course module ZOOACOR02T , ZOOACOR02P , students will understand the all mechanism of Cell Biology

COURSE OUTCOME-ZOOLOGY

<p>III</p>	<p>ZOOACOR05T ZOOACOR05P, ZOOACOR06T ZOOACOR06P, ZOOACOR07T ZOOACOR07P,</p>	<p>After completion of course module ZOOACOR05T & ZOOACOR05P, students will understand the ontogeny and other physiological processes with respect to all chordates .</p> <p>After completion of course module ZOOACOR06T & ZOOACOR06P , students will understand the Physiology of Controlling and Coordinating Systems .</p> <p>After completion of course module ZOOACOR07T & ZOOACOR07P , students will understand the all mechanisms related to Biochemistry.</p>
<p>IV</p>	<p>ZOOACOR08T ZOOACOR08P, ZOOACOR09T ZOOACOR09P, ZOOACOR10T ZOOACOR10P,</p>	<p>After completion of course module ZOOACOR08T & ZOOACOR08P, students will understand the ontogeny and other sub-topics of Comparative anatomy .</p> <p>After completion of course module ZOOACOR09T & ZOOACOR09P , students will understand the mechanisms of Physiology of life Sustaining Systems .</p> <p>After completion of course module ZOOACOR10T & ZOOACOR10P , students will understand the all mechanisms related to Immunology.</p>
<p>V</p>	<p>ZOOACOR011T ZOOACOR011P, ZOOACOR012T ZOOACOR012P, ZOOADSE02T ZOOADSE02P ZOOADSE03T ZOOADSE03P</p>	<p>After completion of course module ZOOACOR11T & ZOOACOR11P, students will understand the whole mechanisms related to Molecular Biology.</p> <p>After completion of course module ZOOACOR12T & ZOOACOR12P , students will understand the mechanisms related to Genetics .</p> <p>After completion of course module ZOOADSE02T & ZOOADSE02P students will understand the whole mechanisms related to Entomology.</p> <p>After completion of course module ZOOADSE03T & ZOOADSE03P , students will understand the mechanisms related to Endocrinology .</p>

COURSE OUTCOME-ZOOLOGY

VI	<p>ZOOACOR013T ZOOACOR013P, ZOOACOR014T ZOOACOR014P, ZOOADSE04T ZOOADSE04P ZOOADSE05T ZOOADSE05P</p>	<p>After completion of course module ZOOACOR13T & ZOOACOR13P, students will understand the whole mechanisms related to Developmental Biology.</p> <p>After completion of course module ZOOACOR14T & ZOOACOR14P, students will understand the mechanisms related to Evolutionary Biology .</p> <p>After completion of course module ZOOADSE04T & ZOOADSE04P students will understand the whole mechanisms related to Fish and Fishery.</p> <p>After completion of course module ZOOADSE05T & ZOOADSE05P, students will understand the mechanisms related to Parasitology .</p>
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Course Outcome for General

SEMESTER	PAPER CODE	OUTCOME
I	<p>ZOOGCOR01T ZOOGCOR01P</p>	<p>After completion of course module ZOOGCOR01T & ZOOGCOR01P students will understand the ontogeny and other physiological processes of all fauna under the specified curriculum of Animal Diversity</p>
II	<p>ZOOGCOR02T ZOOGCOR02P</p>	<p>After completion of course module ZOOGCOR02T & ZOOGCOR02P students will understand the whole mechanisms of Human Physiology & Biochemistry .</p>
III	<p>ZOOGCOR03T ZOOGCOR03P</p>	<p>After completion of course module ZOOGCOR03T & ZOOGCOR03P, students will understand the ontogeny and the physiological processes of different Insects under the curriculum of Insect Vector and Diseases</p>
IV	<p>ZOOGCOR04T ZOOGCOR04P</p>	<p>After completion of course module ZOOGCOR04T & ZOOGCOR04P students will understand the whole phenomenon of environmental issues under the curriculum of Environment</p>
V	<p>ZOOADSE01T ZOOADSE01P</p>	<p>After completion of course module ZOOADSE01T & ZOOADSE01P, students will understand the mechanisms related to Applied Zoology</p>

COURSE OUTCOME-ZOOLOGY

VI	ZOOADSE04T ZOOADSE04P	After completion of course module ZOOADSE04T & ZOOADSE04P , students will understand the mechanisms related to Immunology
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