



वीरांगना रानी अवन्तीबाई लोधी राजकीय महिला महाविद्यालय, बरेली

**PROGRAMME OUTCOME/ PROGRAMME SPECIFIC OUTCOME/
COURSE OUTCOME**

PROGRAMME NAME- BACHELOR OF ARTS

PROGRAMME OUTCOME

- ❖ The Under graduate students with Arts stream emerge as sensitive and sensible individuals after their acquaintances with the fields of social sciences, literature and humanities.
- ❖ The Under graduate students with Arts stream are aware of social, economic, historical, geographical, political, cultural and literary life of the nation. Thus they develop a close communion with cultural identity of the country.
- ❖ The program prepares the under graduates for various competitive examinations and also for a career in the sphere of academics for which they move ahead with their masters degrees.
- ❖ The programme also inculcates human values in the aspirants and arms them for the future challenges of human life.
- ❖ The students with a Bachelor's Degree in Arts grow to be responsible citizens who are able to communicate their viewpoint effectively.

PROGRAMME NAME -MASTER OF ARTS

PROGRAMME OUTCOME

- The Post graduate students with Arts stream emerge as sensitive and sensible individuals after their profound probe into the fields of social sciences, literature and humanities.
- The Programme enables them to have deeper knowledge and develops dexterity for critical analysis in the subject chosen and thus paving the way for up gradation of knowledge
- The Post graduate students with Arts stream are aware of social, economic, historical, geographical, political, cultural and literary life of the nation. Thus they develop a close communion with cultural identity of the country through their specific subject.

- The programme prepares the learners for various competitive examinations and also for a career in the sphere of academics for which they move ahead with their research oriented courses.
- ❖ The Post graduation also inculcates human values in the aspirants and arms them for the future challenges of human life.
- ❖ The Post graduate students are aspirants for masters' degree in a specific subject which prepares them for future research work in a specific field. Hence the programme in social sciences and humanities also enables them to collect related data, be acquainted with various methods of data analysis, strive for findings and study them in the context of human life. It inculcates a research oriented outlook.
- ❖ The Post graduation also prepares them to be more sensible and sentient citizens.

PROGRAMME SPECIFIC OUTCOME & COURSE OUTCOME

1 U.G. WITH HINDI LANGUAGE AND LITERATURE

PROGRAMME SPECIFIC OUTCOME:

- ❖ The Programme including a study of language and its grammatical construction equips the learners with writing skills as well as a deeper understanding of the growth and development of Hindi.
- ❖ Use of language as a means of creative expression through letters and editorial writings helps them attain writing and communication skills effectively.
- ❖ The Programme inculcates the spirit of understanding, enjoying and criticizing Hindi literature through critical analysis.
- ❖ The learners come to know about the growth and development of various old and new forms of prose and poetry.
- ❖ Under Graduate Programme with Hindi helps students comprehend how writers of different periods use their creative resources of language in fiction, poetry, prose, drama. The learners go through the literature of our renowned writers, their lives and contribution.
- ❖ This study makes them explore the entire range of human experience and provides a deeper insight into life establishing the significance of Hindi in practical life also.
- ❖ They will be able to move in the sphere of higher education and advance research in the field of language and literature.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.AI Paper-I GEN HINDI- HINDI BHASHA KA VIKASATMAK	Understanding the development of Hindi through the study of its various forms, tracing the growth of Hindi as National language and the history of Devnagri script
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PARICHAYA	
B.AI Paper-II GEN HINDI- HINDI KA VYAKARNIK SWAROOP	Understanding Grammatical aspect of Hindi language including Dhwani, Shabd and other concepts
B.AII Paper-I GEN HINDI - PRAYOJAN MOOLAK HINDI KA SWAROOP	Understanding the concept and growth of functional Hindi through various forms of writings used in practical life and correspondence
B.AII Paper-II GEN HINDI- ADHUNIK GADHYA VIDHAYEN	Understanding modern prose forms like satire, memoirs, reportage, diary, autobiography etc. through the study of the related writings of Hindi giants
B.AI Paper-I HINDI LITT.- PRACHEEN EVAM MADHYAKALEEN KAVYA	Comprehending Hindi poetry of ancient and medieval periods through the study of the famous works of renowned Hindi Poets like Surdas, Kabirdas, Tulsidas, Bhushan etc.
B.AI Paper-II HINDI LITT- HINDI NATYA SAHITYA	Comprehending the growth of Hindi Drama through the study of the famous plays of Prasad and Mohan Rakesh as well as the one-act plays (Ekanki) of famous playwrights
B.AII Paper-I HINDI LITT- ADHUNIK HINDI KAVYA	Comprehending Hindi poetry of modern age through the study of the famous works of renowned Hindi Poets like Prasad, Nirala, Pant and Mahadevi Verma etc.
B.AII Paper-II HINDI LITT- HINDI KATHA SAHITYA	Comprehending Hindi Story and Novel writing through the study of the famous works of writers like Premchand, Bhagvaticharan Verma and others
B.AIII Paper-I HINDI LITT- ADHYATAN KAVYA	Comprehending Hindi poetry of post modern age through the study of the famous works of renowned Hindi Poets like Agyeya, Muktibodh, Nagarjun and others
B.AIII Paper-II HINDI LITT- HINDI NIBANDH & ANYA GADHYA VIDHAYEN	Comprehending Hindi essay and other prose forms through the study of the famous writers like Dwivedi, Vidhyanivas Mishra, Sharad Joshi and others
B.AIII Paper-III HINDI LITT- HINDI BHASHA EVAM SAHITYA KA ITIHAS & INDIAN KAVYASHASTRA	Getting familiarised with the growth of Hindi language, accents, script, development of literature and Indian Poetics

2. U.G. WITH SANSKRIT

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Sanskrit makes the students realize the ancient glory and richness of Sanskrit language and literature.
- ❖ Sanskrit is an apt medium to be familiar with ancient Indian history, culture, religion and social structure. It develops a strong conceptual framework regarding our ancient Indian culture and philosophy of life.
- ❖ The programme also enhances the communication skills in the language through reading, writing, listening and speaking. The knowledge of Devnagri script also helps the students comprehend other modern languages like Hindi.
- ❖ The rich literature of the past, Sanskrit Vyakaran, Natyashastra, Kavyashastra and other not only enrich the imagination of the students but also fill them with a sense of pride for their ancient glory.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.AI Paper-I SANSKRIT KAVYA & KAVYASHASTRA	Comprehending Sanskrit texts through explanation in Hindi and the detailed study of Sahitya Darpan of Acharya Vishwanath
B.AI Paper-II VYAKARN, ANUVAD & SANSKRIT SAHITYA KA ITIHAS	Comprehending Sanskrit grammar with Laghusiddhant Kaumudi, translation and history of Sanskrit Poetry
B.AII Paper-I NATAK, GADHYA KAVYA & KAVYASHASTRA	Comprehending Sanskrit drama, prose-poetry and poetics through the study of famous texts and the elements of drama
B.AII Paper-II VYAKARN, NIBANDH & GADHYA NATYA SAHITYA KA ITIHAS	Comprehending elements of Sanskrit grammar, Sanskrit essay- writing and the history of Sanskrit drama
B.AIII Paper-I VEDMANTRA, APATHHITANSH & INDIAN CULTURE	Comprehending Vedmantras through explanatory study, translation of Sanskrit unseen passages in Hindi and a comprehensive study of Indian Culture
B.AIII Paper-II NATAK, VYAKARAN & CHHAND	Comprehending Sanskrit drama through the study of Uttarramcharitam, deeper understanding of Sanskrit grammar and stanza forms
B.AIII Paper-III ADHYATAN SANSKRIT SAHITYA	Getting familiarised with the recent trends in Sanskrit literature through famous texts of prose, poetry and the history of literature

3. U.G. WITH ENGLISH LANGUAGE & LITERATURE

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with English helps students comprehend how writers of different countries and periods use their creative resources of language in fiction, poetry, prose, drama. The learners go through the literature of European countries and India in English language. This study makes them explore the entire range of human experience and provides a deeper insight into life.
- ❖ The study of literary history and critical theories makes them microscope the growth and development of language and literature over the ages and a systematic cognition of close relation with the growth of civilization.
- ❖ Use of language as a means of creative expression through writing short stories and editorial writings helps them attain writing and communication skills effectively.
- ❖ The study of literature of different countries of the concurrent world sensitizes the learners on issues like gender, environment and eco- criticism, marginalized communities etc.
- ❖ The Programme including a study of language and its grammatical construction equips the learners with writing skills for various styles and it also enables them to learn the official documents like letters, contracts, tenders and notices, advertisements etc. The learning of language also becomes an effective means of communication.
- ❖ They will be able to move in the sphere of higher education and advance research in the field of language, literature and cultural theory.
- ❖ The programme also enhances the communication skills in the language through reading, writing, listening and speaking

COURSE OUTCOME

The Course enlightens the students in following areas:

B.AI Paper-I GEN ENG- TEXT	Learning language through textual studies like essays and short stories of eminent Indian and European writers
B.AI Paper-II GEN ENG- APPLIED GRAMMER	The Study of Applied Grammar like Tenses, Narration, Voice, Translation and Précis writing for learning language
B.AII Paper-I GEN ENG- TEXT	Learning language through textual studies like essays and a Novella- <i>Animal Farm</i>
B.AII Paper-II GEN ENG- WRITING SKILLS	Developing writing skills for correct and effective use of language
B.AI Paper-I ENG LITT.- POETRY	Comprehending various poetic forms, stanza patterns and growth of poetry through the study of the famous Poems of renowned English Poets like Shakespeare,

	Milton, Wordsworth and others
B.AI Paper-II ENG LITT.- PROSE	Comprehending various prose forms and styles through the essays of well known essayists of English Literature like Bacon, Gardiner, Chesterton and others
B.AII Paper-I ENG LITT.- DRAMA	Comprehending theory, forms and the development of English drama through the famous plays of Shakespeare, Congreve and G. B. Shaw
B.AII Paper-II ENG LITT.- NOVEL	Comprehending theory, forms and the development of English fiction through the famous novels of Jane Austen, Thomas Hardy and Charles Dickens
B.AIII Paper-I ENG LITT.- LITERARY MOVEMENTS & LITERARY DEVICES	Mapping the development and growth of English Literature through the study of literary movements and literary history
B.AIII Paper-II (A) optional ENG LITT.- INDIAN WRITING IN ENGLISH	Getting familiarised with Prose, Poetry, Drama and Novel produced by the Indian writers (Nissin Ezekiel, Nirad C. Chaudhary, Dattani Anand etc.) writing in English
B.AIII Paper-III (B) optional ENG LITT.- ENGLISH LITERATURE THROUGH TRANSLATION	Learning Indian Literature of prominent Indian Writers like Prasad, Gandhi, Jainendra and Mohan Rakesh through the Translation of their works into English Language
B.AIII Paper-III ENG LITT.- NEW LITERATURES IN ENGLISH	Getting familiarised with Prose, Poetry, Drama and Novel produced by the writers like Chris Wallace, Albee, Atwood and Alice Walker etc. writing in English as the components of New Literatures in English

4. U.G. WITH ECONOMICS

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Economics helps students comprehend economic conditions of the world as well as that of the country.
- ❖ The programme with Economics will enable them to understand economic vocabulary, theories and concepts, methodologies, tools and analysis procedures.
- ❖ Students will be familiarised with the knowledge and application of micro and macro economics for the formulation of policies and planning.
- ❖ As the programme includes areas like statistics, mathematics and economic principles, it enables the learners to assess the real situation of the economy including the size and changes of population, income pattern, growth and development with pattern of savings and investments and social security measures adopted in the country.

- ❖ The students will be able to recognise the roles and responsibilities of businessmen, entrepreneur, managers, consultant, which will help them to adopt skills in these areas.
- ❖ They will be able to move in the sphere of higher education and advance research in the field of Economics, commerce and finance.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I PRINCIPLES OF ECONOMIC ANALYSIS	Comprehending Principles of Economic Analysis through the study of various laws and theories
B.AI Paper-II INDIAN ECONOMIC PROBLEMS	Understanding Indian Economic Problems through the nature and structure of Indian Economy as well as State Economy of U.P.
B.AII Paper-I NATIONAL INCOME ANALYSIS, MONEY & BANKING	Comprehending National Income Analysis, Money and Banking including Indian Market and Foreign Exchange
B.AII Paper-II PUBLIC FINANCE AND INTERNATIONAL TRADE	Studying Public Finance through understanding Govt. Budget, Expenditure and Fiscal Policy; terms and theories of International Trade
B.AIII Paper-I ECONOMICS OF LESS DEVELOPED COUNTRIES	Understanding Economics of less developed countries, analysing their problems, policies, development and planning with a vision to equitable world economy
B.AIII Paper-II (A) ECONOMIC POLICY OF INDIA	Comprehending Economic Policy of India including Industrial, Agricultural and Trade policies
B.AIII Paper- II (B) Quantitative Methods	Studying Quantitative Methods like Algebra and Calculus for the analysis of statistical data
B.AIII Paper-III History of Economic Thought	Study of the History of Economic Thought including Classical and Neo- Malthusian

5. U.G. WITH HISTORY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with History helps students to update themselves with the tradition and heritage of their own country and the others along with developing ethical and social values and a sense of the past.

- ❖ It prepares them for the competitive exams like Civil Services Exam and SSC along with helping them chose a career in academics. Those interested in research may also chose archaeology as their career.
- ❖ It helps them map the social, political, religious and economic conditions of the country and world in various periods of history.
- ❖ The programme also exhorts them for collection of ancient coins, artefacts etc. And visit to various places of historical significance which nurtures the development of skills for getting jobs in museum, archives and libraries.
- ❖ History, through instilling a patriotic fervour, raises the students as sensitive citizens.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I POLITICAL HISTORY OF MEDIEVAL INDIA FROM 1200 TO 1526 A.D	Comprehending the related history of the given period through Archaeological literary and historical sources and Historiography
B.AI Paper-II HISTORY OF EUROPE FORM 1450 TO 1789 A.D	Understanding history of Europe from Renaissance and Reformation to the Rise of National States
B.AII Paper-I POLITICAL HISTORY OF MEDIEVAL INDIA FROM 1526 TO 1740 A.D	Comprehending the related history of the given period through Archaeological literary and historical sources and Historiography
B.AII Paper-II HISTORY OF EUROPE FORM 1789 TO 1870 A.D	Understanding history of Europe through the study of various revolution and wars
B.AIII Paper-I POLITICAL HISTORY OF MODERN INDIA FORM 1740 TO 1964 A.D	Understanding history of Modern India from the advent of Europeans to the Vision of New India
B.AIII Paper-II HISTORY OF EUROPE FROM 1871 TO 1950 A.D	Understanding history of Europe through a study of two World Wars and successive Cold War
B.AIII Paper-III HISTORY OF INDIAN CULTURE	Studying the History of Indian Culture from Indus Valley Civilization to the Colonial Era

6. U.G. WITH GEOGRAPHY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Geography familiarises the students with geographical phenomenon like different kinds of landforms, geographical position of places, flora and fauna etc.

- ❖ It will enrich the learners with knowledge about physical Geography, climate and impact of climatic changes on human life, environmental issues, significance of climate and environment for maintaining biodiversity in different regions, natural resources and their management and so on
- ❖ The students will also gather information about other related issues of human life like causes and consequences of growth of population in various geographical conditions
- ❖ The programme will also familiarise the students with map studies, interpreting statistical data, space technologies like Satellite images and Aerial photographs model building and GPS system etc.
- ❖ The students will learn survey work with tools like prismatic compass and plane table.
- ❖ The learners will also be acquainted with geo-political issues of the world.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I PHYSICAL GEOGRAPHY	Comprehending Nature and Scope of Physical Geography through the study of Lithosphere, Rocks Hydrosphere, Biosphere and Atmosphere
B.AI Paper-II HUMAN GEOGRAPHY	Understanding Concept and Nature, Scope and Development of Human Geography, Habitation and human settlements, Evolution of Human Economy, Society and Culture with Population Tribes
Lab Work-PRACTICALS	The nature and scope of cartography, Scales, Map Projections, Methods of showing relief and Topographical Maps
B.A.II Paper-I ECONOMIC GEOGRAPHY	Comprehending Nature, Scope and development of Economic Geography, Soil and Forest types, Marine resources and Aquaculture, Location factors of Industries, Means of transport
B.A.II Paper-II GEOGRAPHY OF INDIA	Understanding India in the context of Asia and the world, Forest resources, Indian Economy, Population-growth, distribution and density, demographic and occupational structure, Regional development & disparities after independence and Detailed geographical study of Gangetic Plain with special reference to Rohilkhand Region.
Lab Work-PRACTICALS	Statistical Analysis, Measures of Central Tendency, Cartographic Representation of Statistical Data, Weather Maps, Aerial Photogrammetric and Remote Sensing
B.A.III Paper-I GEOGRAPHICAL THOUGHT	Understanding The field of geography; its place in the classification of sciences, Dualisms in geography ,Geography in ancient period, German school of thought, Soviet geographers and American school
B.A.III Paper-II	Understanding Geography as a study of Environment,

ENVIRONMENTAL STUDIES	The problems and causes of environmental degradation, Environmental management, Sample studies and Emerging environmental issues
B.AIII Paper-III REGIONAL STUDIES OF ANY ONE OF THE FOLLOWING REGIONS (A) SOUTH WEST ASIA (B) SOUTH EAST ASIA (C) FAR EAST ASIA	Region as a geographical entity and as a component of global system, Structure, Population, Strategic importance of the region, detailed regional study of some selected regions
Lab Work- PRACTICALS	Plane table Surveying, Surveying by Prismatic Compass, open traverse, Close traverse, Elimination of error. Bowditch Method, Use of Sextant or Indian clinometers

7. U.G./ P.G. WITH POLITICAL SCIENCE

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Political Science familiarises the students with the contribution of European and Asian political thinkers on political thought
- ❖ The Programme will familiarise the learner with world politics as well as dynamics of Indian politics and political theory
- ❖ The learners will be able to understand role and significance of various kinds of governing systems around the world , the role of political parties in democratic set up, relations and conflicts among states as well as centre- state relationship
- ❖ The awareness about human and constitutional rights along with a probe into the fundamentals of Indian Constitution is also imperative
- ❖ The learners will also be acquainted with international relationship and different forms of government in other countries at the P.G level
- ❖ The post graduation programme will also acquaint them with foreign policies of dominant countries of the world and international law
- ❖ With all the significant knowledge the learners will be able to understand socio-political, economic and constitutional environment will enable them to grasp the functioning of Indian Administration, thus making them edified citizens.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I POLITICAL THEORY	Understanding Nature and Scope of Political Science, its Relation with other Social Science, Methods of Study, concepts of State, Democracy, functioning of Govt, Electoral system etc.
B.AI Paper-II	Understanding growth of Nationalism in India, The

NATIONAL MOVEMENT and CONSTITUTION OF INDIA	Indian National Congress, Indian National Movement, Indian Constitution, structure of Union and State Govt.
B.AII Paper-I AN OUTLINE HISTORY OF WESTERN POLITICAL THOUGHT	An acquaintance with Plato, Aristotle, Cicero, Machiavelli, Rousseau, Karl Marx and other prominent thinkers of Europe as well as a study of Main characteristics of Medieval Political Thought
B.AII Paper-II COMPARATIVE GOVERNMENT	Understanding the formation and functioning of the Governments of U.K., U.S.A., Switzerland and France
B.AIII Paper-I PRINCIPLES OF PUBLIC ADMINISTRATION	Understanding nature and scope of Public Administration, Bases of Organization, Agencies and Commissions and Personnel Administration
B.AIII Paper-II INDIAN POLITICAL THOUGHT	Understanding Indian Political thought through the study of ancient thinkers like Manu, thinkers of Indian Renaissance, leaders of National Movement and post Independence thinkers
B.AIII Paper-III INTERNATIONAL POLITICS	Studying Nature and Scope of International Politics, Theories and Approaches, The Modern State System, Arms Control and Disarmament, International Law, Global Organization etc.
M.AI Paper-I HISTORY OF POLITICAL THOUGHT (From Plato to Marx)	A profound Study of the History of political thought through mapping the views of Plato, Aristotle, Cicero, Machiavelli, Rousseau, Karl Marx and other prominent thinkers of Europe
M.AI Paper-II COMPARATIVE POLITICS AND INSTITUTIONS	A Detailed Study of comparative politics through a comparative analysis of the political system, constitutionalism and pressure groups of U.K.,U.S.A., Switzerland and France
M.AI Paper-III GOVERNMENT AND POLITICS OF INDIA	A profound Study of the Indian Constituent Assembly, Indian Political System, Central and State Govt. And Social Foundations of Indian Politics
M.AI Paper-IV INTERNATIONAL POLITICS	A detailed Study of the Nature, Scope, Significance and Approaches to International Politics, related theories and ideologies
M.AII Paper-I Compulsory FOREIGN POLICIES OF U.S.A.,U.K.,CHINA AND INDIA	A profound understanding of the meaning, objectives, determinants and approaches to Foreign Policy in context with the Foreign policies of U.S.A., U.K., China and India
Three optional papers from Group A- Political Theory, Group B- International Politics and Group C- Government and Politics . the following papers from Group B are being taught in the college - Student can also opt for Dissertation on International Politics and Area Studies as one optional paper	
M.AII Paper-II INTERNATIONAL LAW	A profound understanding of the nature, scope, sources, basis, history and development of International Law and its emerging trends with an eye on the laws of war, peace, neutrality and other trends

M.AII Paper-III INTERNATIONAL ORGANIZATIONS	A profound understanding of the nature, scope, sources. history and development of International Organizations- The League of Nations, The United Nations Organizations and others, Prospects of World Govt.
M.AII Paper-IV INDIA'S NEIGHBOURS IN WORLD POLITICS	A detailed Study of the Political Systems, Governing Bodies, Political Parties and Pressure Groups, Major Problems and compulsions of the Foreign Policies of India's neighbours Pakistan, Bangladesh, Bhutan, Nepal and Sri Lanka
M.AII Paper-V VIVA-VOCE	An drive to test the practical understanding of the subject through internal and external assessment and interaction

8. U.G. /P.G. WITH SOCIOLOGY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Sociology familiarises the students with the fundamentals of sociological thought and basics of sociology
- ❖ The programme acquaints the learners with distinct features of Indian Society, its emergence through ages, characteristics of Indian cultural including unity in diversity
- ❖ The programme also enlightens the students about Indian social structure, Indian caste system- its impact and consequences, understanding rural, urban and tribal India.
- ❖ The P.G. Programme also prepares the students for social research, probing various social sciences, their relation to sociology, understanding research methodology, essentials of data collection, field studies, making research projects, data analysis using statistical concepts and so on
- ❖ The P.G programme also focuses on studying development theories, understanding industrial problems, population analysis, issues of caste and gender, applications of sociological concepts etc.
- ❖ The U.G. and P.G. programmes enable the students to be sensible citizens who are well versed with various social issues and striving for the way out of the social problems

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I INTRODUCTION TO SOCIOLOGY	This introductory paper is intended to acquaint the students with sociology as a social science and the distinctiveness of its approach among the social science
B.AI Paper-II SOCIETY IN INDIA: STRUCTURE AND CHANGE	The course is aimed at presenting a comprehensive, integrated and empirically –based profile of Indian society, understanding contemporary Indian society with its Cultural and ethnic diversity

B.AII Paper-I INDIAN SOCIETY: ISSUES AND PROBLEMS	This course is designed to identify and analyze emerging Social issues and problems from sociological perspective, classifying them into four sets: structural, familial development and organizational
B.AII Paper-II SOCIAL CHANGE AND SOCIAL CONTROL	The course is designed to achieve all aspect of social change as well as of Social Control through sociological perspective and theoretical study
B.AIII Paper-I FOUNDATIONS OF SOCIOLOGICAL THOUGHT	to familiarize the students with the social, political, economic and intellectual contexts in which sociology emerged as a distinctive discipline.
B.AIII Paper-II SOCIAL RESEARCH METHODS	to provide an understanding of the nature of social Phenomena, the issues involved in social research and the ways and means of understanding and studying social reality through quantitative and qualitative research
B.AIII Paper-III PIONEERS OF INDIAN SOCIOLOGY	the students are introduced to some of the Pioneers of Indian Sociology, their thoughts and contribution
M.AI Paper-I Compulsory CLASSICAL SOCIOLOGICAL TRADITION	A profound theoretical insight into the writings of Karl Marx, Emile Durkheim, Max Weber, Vilfredo Pareto to understand Historical, socio- economic background for the emergence of sociology
M.AI Paper-II Compulsory METHODOLOGY OF SOCIAL RESEARCH	To provide a deep understanding of the nature of social Phenomena, the issues involved in social research, its philosophical roots, studying social reality through quantitative and qualitative research and use of statistics.
M.AI Paper-III Optional RURAL SOCIETY IN INDIA	Providing sociological understanding of rural social structure, change and development in India and imparting sociological skills to reconstruct rural community and peasantry
M.AI Paper-IV Optional SOCIOLOGY OF MARGINALISED COMMUNITIES	Sensitizing students to the poverty, deprivation and discrimination of Dalits, tribals and nomadics. Role of ideologies of social reformers, social movements and actions taken
The students can also opt for the papers entitled Gender and Society/ Environment and Society/ Globalization and Society from among the other optional papers	
M.AII Paper-I Compulsory THEORETICAL PERSPECTIVES IN SOCIOLOGY	A profound understanding of the substantive, theoretical and methodological issues that shaped the sociological thought in the later half of the 20th century like structural functionalism, structuralism and post- structuralism, conflict theory and other recent trends
M.AII Paper-II Compulsory PERSPECTIVES ON INDIAN SOCIETY	Conceptualizing Indian society and a profound understanding of the diversity and interconnectedness of the theoretical perspectives on Indian society
M.AII Paper-III Optional	Providing sociological understanding of urban social

URBAN SOCIETY IN INDIA	structure, change and development in India and imparting sociological skills to reconstruct urban social environment
M.AII Paper-IV Optional POLITICAL SOCIOLOGY	A detailed Study of the Democracy and other Political Systems, theories of Distribution of power, Pressure groups role and status as a citizen of India etc.
The students can also opt for the papers entitled Sociology of Ageing / Industry and Society in India / The Study of Indian Diaspora/ Problems Oriented Project Report from among the other optional papers	
M.AII Paper-V VIVA-VOCE	An drive to test the practical understanding of the subject through internal and external assessment and interaction

9. U.G. / P.G. WITH HOME SCIENCE

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Sociology familiarises the students with the significance of balanced diet and nutrition, health and hygiene, home management, entrepreneurial skills and development of the individual through domestic well being.
- ❖ The programme prepares the learners for acquiring professional skills through the use of handicrafts and other small business activities like catering, Tiffin service etc. And thus contributing to the economic status of the family
- ❖ The P.G. programme also enables the students for choosing a career in the sphere of dietetics and nutrition; the U.G. students can move into the field through related diplomas.
- ❖ The P.G. programme also opens vistas in the sphere of home decor and interior decoration through advanced studies in the area.
- ❖ The Programme at U.G. and P.G. levels develops skills like textile designing, product making, marketing the products through small scale ventures and thus paves the way for self- dependence.
- ❖ If these skills aren't used for professional life, they prepare skilled individual for successful home making
- ❖ The P.G. Programme also prepares the students for research, probing various social sciences, their relation to Home Science, understanding research methodology, essentials of data collection, field studies, making research projects, data analysis using statistical concepts and so on

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I APPLIED LIFE SCIENCES & HUMAN	To provide information about the functioning of human body and health, some important diseases, environment and pollution hazards to human health
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HEALTH	
B.AI Paper-II FAMILY RESOURCE MANAGEMENT	The course is aimed at the comprehension of the management of resources in the family for achieving family goals, housing needs and the concept of interior decoration based on elements of art
PRACTICAL & VIVA-VOCE	Floor decoration, pot decoration and flower making, drawing and labelling of human physiology
B.AII Paper-I FUNDAMENTAL OF FOOD & NUTRITION	This course is designed to understand functions of food and role of nutrients in human body, constituents of food and other related issues
B.AII Paper-II HUMAN DEVELOPMENT	The course enlightens about the development of a child, parenting period, growth from birth to adolescence, personality making and other essentials of human growth
PRACTICAL & VIVA-VOCE	Nutrition during pregnancy, lactation and different ages from childhood to old age, recipe and menu, educational material for children up to 5
B.AIII Paper-I INTRODUCTION TO TEXTILES & CLOTHING	to familiarize the students with the basic knowledge of textiles, selection of appropriate fabric, clothing for various purposes and age groups, clothing construction etc.
B.AIII Paper-II EXTENSION & COMMUNICATION	to provide an understanding of the nature of Extension for sharing knowledge and improving relationships, Extension Education and methods of approaching people
PRACTICAL & VIVA-VOCE	Tie & Die, Block painting, stencil printing paper pattern of Bodice Block and audio-visual aids for a child
M.AI Paper-I ADVANCED FOOD & NUTRICIAN	A profound theoretical insight into the advanced functions of food and role of nutrients in human body, constituents of food and other related issues
M.AI Paper-II DIETECTICS	to provide a deep understanding of the dietetics and nutrition for the people of different age groups and situations
M.AI Paper-III RESEARCH METHODS AND STATISTICS	Providing understanding of research methods, its philosophical roots, studying social reality through quantitative and qualitative research and use of statistics.
M.AI Paper-IV RESOURCE MANAGEMENT	Sensitizing students to the management of resources in the family for achieving family goals, housing needs and the concept of interior decoration based on elements of art, human resource management for advanced purposes
PRACTICAL & VIVA-VOCE	All the four papers also carry practical works related to the given topics
M.AII Paper-I TEXTILE MANUFACTURE, CATERING AND	to familiarize the students with the advanced knowledge of textiles, manufacture, catering and processing etc.

PROCESSING	
M.AII Paper-II ADVANCED CLOTHING CONSTRUCTION	to familiarize the students with the advanced knowledge of, selection of appropriate fabric, clothing for various purposes and age groups, clothing construction etc.
M.AII Paper-III CONSUMER ECONOMICS	Providing understanding of consumer economics, principles and other related issues
M.AII Paper-IV ADVANCED CHILD DEVELOPMENT	A detailed and profound study of the development of a child, parenting period, growth from birth to adolescence, personality making and other essentials of human growth
PRACTICAL & VIVA-VOCE	All the four papers also carry practical works related to the given topics

10. U.G. / P.G. WITH MUSIC

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Music learn source and origin of Indian Music, the theoretical and practical aspect. The characteristics and practical performance of various Ragas enrich the students with elegance of classical music
- ❖ The P.G. programme also prepares the learners for practical demonstration and stage presentation
- ❖ Through the notation system the students also learn the technicalities of composition
- ❖ The students are also familiarised with Hindustani and Carnatic Music styles, the lives and contribution of the great Musicians of both the forms, the development of Indian Music and famous Gharanas
- ❖ They also come across with the subtlety of Tal, laya and Dhvani and other terminologies of Indian music
- ❖ After the completion of P.G. Programme the learners are capable of choosing the stream as their profession and thus can move ahead either in the area of related research or learn professional skills.
- ❖ The Programmes uplift the young minds and instil into them a cultural sensitivity

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I THEORY PAPER	Theoretical study of prescribed Ragas & Talas, notation, study of technical terms, shruti, swar- nad etc. and biographies of famous musicians
B.A I Paper-II PRACTICAL PAPER 1 & 2	Composition of the prescribed six ragas, intensive study and demonstration of one chosen Raga and skill in others also

B.AII Paper-I THEORY PAPER	Theoretical study of prescribed Ragas & Talas, notation and layakaris, Bhatkhande & Vishnu Digamber styles, study of other technical terms, short history of music and classification of ragas
B.A II Paper-II PRACTICAL PAPER 1 & 2	Composition of the prescribed ragas, intensive study and demonstration of one chosen Raga and skill in others also
B.AIII Paper-I THEORY PAPER I	Theoretical study of prescribed Ragas & Talas, notation and layakaris, study of other technical terms, musical compositions and swaras
B.AIII Paper-II THEORY PAPER II	Theoretical study of few more technical terms, musical intervals, , study of different schools (gharanas), famous sangeet granthas and contribution of authors and musicians
B.A III Paper-III PRACTICAL PAPER 1 & 2	Composition of all the prescribed ragas, intensive study and demonstration of one chosen Raga and skill in others also
M.AI Paper-I AESTHETICS & SCIENCE OF MUSIC	A profound theoretical insight into the General principles of Aesthetics applied to Music, place of Music among fine arts, features of emotional expressions, Rasas, Chhand, rhythmic patterns, Gomaks and Kaku
M.AI Paper-II HISTORY OF MUSIC (Medieval- 1200-1800)	to provide a deep understanding of the Historical development of Music through tracing contribution of great musicians, an insight into Swara and Ragas and other related issues
VIVA-VOCE & STAGE PERFORMANCE	Practical performance of various . compositions like Khyal and Dhruvpad etc in prescribed ragas
M.AII Paper-I APPLIED THEORY OF MUSIC	to familiarize the students with the characteristics of Ragas, composition and notation, Notation systems, Shruti, comparative study of Hindustani and Karnatak music
M.AII Paper-II MODERN HISTORY OF MUSIC	to familiarize the students with different musical forms of composition, Karnatak forms of Music, study of Indian vocal and instrumental music, significance of group singing and biographies of famous musicians
VIVA-VOCE & STAGE PERFORMANCE	Practical performance of various compositions like Khyal and Dhruvpad etc. In other prescribed ragas

11. U.G. WITH PSYCHOLOGY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Psychology equips the students with comprehension of human Psychology, the subtleties of human behaviour and its effect on social life
- ❖ The learners are also familiarised with applications of Psychological doctrines to human life and its problems

- ❖ Understanding human behaviour and its complexities helps the students find out solutions to the practical human problems in a sensible manner
- ❖ The learners also get acquainted with fundamentals of Psychology, various psychological theories like Psychoanalysis, Psychology of Learning, Abnormalities of human behaviour and so on
- ❖ They are also trained to use various tests like intelligence test on the subjects and study the methods of data analysis, formation of statistical data and method of interpretation
- ❖ Understanding of the emergent properties of brain and nervous system- central nervous system, peripheral nervous system and autonomic nervous system.
- ❖ The students of the programme emerge as sensitive individuals who contribute to the betterment of society

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I BASIC PSYCHOLOGICAL PROCESS	Providing introduction of Psychology, biological bases of behaviour, sensory, intentional and perceptual processes, learning, memory, forgetting, motivation and emotion, thinking, intelligence and personality
B.AI Paper-II EXPERIMENTAL METHODOLOGICAL & STATISTICS PRACTICAL	Understanding nature of science and scientific methods, significance of statistics in Psychology, measures of central tendency and variability, correlation and preparation of data for computer The students will also perform prescribed practical work like maze learning, transfer of training, perceptual organization etc.
B.AII Paper-I PSYCHOTHERAPY	Providing introduction of Psychopathology, mental illness, stress and psychosomatic disorders, anxiety and somatoform disorders, psychotic, mood and personality disorders
B.AII Paper-II SOCIAL PSYCHOLOGY PRACTICAL	Detailed understanding of social behaviour, socialization and perceiving others and groups, interpersonal attractions and attitude, group dynamics and leadership, communication, aggression and helping behaviour The students will also perform prescribed practical work like attitude scale, test of aggression, anxiety, stress etc.
B.AIII Paper-I MEASUREMENT & STATISTICS	Understanding techniques, levels and errors of measurement, test construction, research design and distribution, hypothesis testing etc.
B.AIII Paper-II COUNSELLING & GUIDANCE	Understanding introduction to counselling, perspectives and types, counselling processes and areas, guidance, types and testing techniques

B.A.III Paper-III (A) ORGANIZATIONAL BEHAVIOUR (B)HEALTH PSYCHOLOGY (C) ENVIRONMENTAL PSYCHOLOGY	Out of these three optional papers a student can opt for one - (A) Understanding organizational behaviour, training, motivation, job satisfaction and stress. Human engineering, accident and safety etc. (B) Understanding health psychology, health and stress management, illness and future challenges etc. (C) Understanding Environmental Psychology, theories and research, Ecology and stress, effect on behaviour and crowding etc.
PRACTICAL	The students will also perform prescribed practical work and submit the survey report

12. U.G. WITH DRAWING & PAINTING

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Drawing & Painting enlightens the learners in basic principles of design and colour and the ability to apply them aesthetically
- ❖ It inculcates in them the ability to synthesize the use of drawing, two-dimensional design, and colour patterns with theoretic studies
- ❖ The learners also able to gain skill in the use of tools and techniques related to the fine art
- ❖ They also learn to draw and colour pictures and portraits of various types, shading and sketching, direct painting form objects etc.
- ❖ The learners are also familiarised with various kinds on Indian arts and paintings like Madhubani
- ❖ The Programme breeds individuals with fine sensibility towards arts and culture.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I FUNDAMENTALS OF VISUAL ART & INDIAN FOLK ART	Comprehending Definition and Meaning of Art, Principles of Composition, Medium and Techniques and Indian Folk Art
B.AI Paper-II PRACTICAL	Creative Designing (Ornamental/ Geometrical/ folk/computer) with minimum one human figure, Still Life Painting
B.AII Paper-I HISTORY OF INDIAN PAINTING (PRIMITIVE ART AND 1ST CENTURY TO 17TH	Comprehending Primitive art with reference to Indian Painting, Buddhist Art, Medieval Art, Rajasthani Style, Mughal School and Pahari School

CENTURY A.D.)	
B.AII Paper-II PRACTICAL	Copy from Old Masters (One figure composition),Cast Study Bust/Antique/Life
B.AIII Paper-I PHILOSOPHY OF ART AND MODERN INDIAN PAINTING (18TH CENTURY AD UPTO PRESENT AGE)	Understanding Definition and Meaning of Art. Six Limbs of Indian paintings (Shadang), Philosophy of Art, Modern Art in Indian Painting (from 18th Century up to present age), New Trends in Modern Indian paintings and Contemporary Indian Painting after Independence up to present age.
B.AII Paper-II PRACTICAL	Pictorial composition (with minimum two human figures, Portrait Study (Coloured) or Life Study Sketching

13. U.G. WITH PHYSICAL EDUCATION

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Physical Education helps the students acquire fundamental knowledge of Physical Education, its significance and scope
- ❖ It develops their practical skill and familiarises them with theoretical aspect, thus developing their personality
- ❖ The learners are also acquainted with various kinds of National and International sports, their growth and technicalities
- ❖ They also come across with anatomy and Physiology of various organs
- ❖ The learners also become familiar with Indian Institutes of Physical Education, their functioning and objectives
- ❖ The learners gain skills to communicate effectively and acquire efficiency for entering B.P.Ed., M.P.Ed., and other such programmes

COURSE OUTCOME

The Course enlightens the students in following areas:

B.A I Paper-I FOUNDATIONS OF PHYSICAL EDUCATION	Comprehending Meaning, concept, objectives and importance of Education, its Philosophical and Sociological Foundations, Biological Basis of Physical Education, and its relation to Education
B.AI Paper-II HISTORY OF PHYSICAL EDUCATION	Understanding History of physical education in Ancient times, History of Physical Education in India, study of Olympic Games, Asian Games and Common wealth Games, Contributions to the growth of Physical Education by the famous leaders, Functions and Objectives of concerning institutions

PRACTICAL	Athletics (Proficiency, Track events, Rules & regulations) (ii) Select any two games, one from each prescribed group of the (Proficiency, Rules & regulations)
B.AII Paper-I ANATOMY & PHYSIOLOGY IN PHYSICAL EDUCATION	Comprehending Anatomy and Physiology of Exercise, Skeletal and Muscular System, Respiratory and Digestive System and Circulatory System and Blood
B.AII Paper-II HEALTH EDUCATION	Understanding Health and Health Education , Nutrition and balanced diet, effects of Drugs and Tobacco. First Aid, Communicable Diseases, Posture & Concept
PRACTICAL	Athletics (Proficiency, Track events, Rules & regulations) (ii) Select any two games, one from each prescribed group of the (Proficiency, Rules & regulations)
B.AIII Paper-I PSYCHOLOGICAL FOUNDATIONS OF PHYSICAL EDUCATION	Understanding about nature and scope of Psychology. Need and importance of Sports Psychology, Growth & Development, Physical, mental, social and Language development during following stages, Learning, Motivation, Emotion and Personality
B.AIII Paper-II ATHLETIC INJURIES & REHABILITATION	Understanding Sports injuries, Prevention of Injuries, Common sports injuries and their immediate treatment, Rehabilitation, Therapeutic Exercises, Sports Massage and Common massage technique and their therapeutic uses.
PRACTICAL	Athletics (Proficiency, Track events, Rules & regulations) (ii) Select any two games, one from each prescribed group of the (Proficiency, Rules & regulations)

PROGRAMME NAME- BACHELOR OF SCIENCE

PROGRAMME OUTCOME

- The Under graduate students with Science stream attain scientific temperament and outlook to the problems of life
- The Programme equips the learners with a scientific approach including observation, precision, analytical skill, logical thinking, clarity of thought and systematic working.
- The programme prepares the under graduates for various competitive examinations and also for a career in the sphere of academics for which they move ahead with their masters degrees.
- The Programme also enables the aspirants to collect information, frame a viewpoint, solve the problems scientifically and express their view effectively.
- This programme prepares the learners to enter diverse fields such as science-education, engineering, industries, survey, banking, planning, business, public service, etc. efficiently.

PROGRAMME NAME- MASTER OF SCIENCE

PROGRAMME OUTCOME

- The Post graduate students with Science stream attain profound relevant scientific temperament and outlook to the problems of life with up gradation of their knowledge
- The Programme equips the learners with a scientific approach including observation, precision, analytical skill, logical thinking, clarity of thought and systematic working in the related field.
- The programme prepares the under graduates for various competitive examinations and also for a career in the sphere of academics for which they move ahead with their research oriented outlook.
- ❖ The Post graduate students are aspirants for masters' degree in a specific subject that provides them the ability to apply knowledge to perform project works scientifically, to analyze and solve problems, evaluate situations scientifically and express their view effectively. Thus it prepares them for future research work in a specific field and studying the findings in the context of human life. It inculcate research oriented outlook.
- ❖ The Post graduation also prepares them to be more sensible and sentient citizens.

1. U.G. /P.G.WITH BOTANY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Botany helps the learners comprehend basic concepts of the subject cell biology, Systematics, Biochemistry, Biotechnology Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological studies of plants
- ❖ The programme at U.G. and P.G. level equips students with subject domain knowledge and technical skills pertaining to plants in a holistic manner. The learners are familiarised with and gain mastery over the knowledge related to Plant relationship with water, Plant Diversity and its importance in the maintenance of ecological balance
- ❖ Students learn to carry out practical work, in the field and in the laboratory, interpreting plant morphology and anatomy, Plant identification, Vegetation analysis techniques etc.
- ❖ The aspirants learn to use their attained knowledge for applications in human life and society through addressing health, environmental issues, food scarcity etc
- ❖ They attain competence for various analytical and technical skills related to plant sciences.
- ❖ The learners at P.G. level are capable of undertaking research projects using various tools and techniques in plant sciences and develop scientific temperament.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.SC. I PAPER I DIVERSITY OF VIRUSES,BACTERIA, & FUNGI	Students will gain an insight into History, nature and classification of Viruses, Bacteria and Fungi
B.SC. I PAPER II DIVERSITY OF ALGAE, LICHENS, AND BRYOPHYTES	Students will gain better knowledge of The characteristics and life cycles and classification of Algae, Lichens, and Bryophytes, Range of thallus organization, classification, ultra structure of eukaryotic algal cell and cyanobacterial cell, economic importance of algae. Lichens, classification, thallus organization, reproduction, physiology and role in environmental pollution
B.SC. I PAPER III DIVERSITY OF PTERIDOPHYTES, GYMNOSPERMS AND ELEMENTARY PALAEOBOTANY	Students will attain a better insight into General features, classification, stellar and evolution of Pteridophytes, Gymnosperms and elementary Palaeobotany

<p>B.SC. II PAPER I DIVERSITY OF ANGIOSPERMS: SYSTEMATICS, DEVELOPMENT & REPRODUCTION</p>	<p>This paper highlights General features, Principles of classification and Diversity of Angiosperms: Systematics, Development & Reproduction</p>
<p>B.SC. II PAPER II CYTOLOGY, GENETICS, EVOLUTION & ECOLOGY</p>	<p>Students will gain better knowledge of Cell structure, cell organelles, Cell division etc., Genetics, laws of inheritance and related issues, Mutation, Ecology, relation with other disciplines. Plant types etc.</p>
<p>B.SC. II PAPER III PLANT PHYSIOLOGY AND BIOCHEMISTRY</p>	<p>Students will attain a better insight into Plant and water relationship, Mineral nutrition, Photosynthesis and Chemosynthesis, Respiration, Nitrogen metabolism, Biomolecules, Discovery and nomenclature.etc.</p>
<p>B.SC. III PAPER I PLANT RESOURCE UTILIZATION, PALYNOLOGY AND BIOSTATISTICS</p>	<p>Students will gain an insight into A general account of plants, Conservation of plants resources for a.riculture and forestry, An introductory knowledge to palynology, morphology, viability and germination of pollens, Classification of data etc.</p>
<p>B.SC. III PAPER II MOLECULAR BIOLOGY AND BIOTECHNOLOGY</p>	<p>Students will gain better knowledge of Nucleic acid as genetic material, Structure and properties polysaccharides, aminoacids, proteins, etc., Replication of DNA in prokaryotes and enkaryotes, g and other related topics, Introduction to biotechnology etc.</p>
<p>B.SC. III PAPER III ENVIRONMENTAL BOTANY AND PLANT PATHOLOGY</p>	<p>Students will gain Introductory knowledge of Mineral resources of planet earth, Environmental pollution, Biodiversity and Phytogeography, Etiology of viral, bacterial, fungal and insect-pest diseases etc., Integrated pest disease management</p>
<p>M.SC. I PAPER I PHYCOLOGY & MICRO- BIOLOGY</p>	<p>The paper is an in-depth study of classification, phylogeny and inter-relationship, range of structure and organization, sexuality, pigments and hormones and economic importance of Algae general features of algal classes, detailed study of bacteria, actinomycetes, slime moulds, viruses, rickettssia, microplasma, cancer biology and host microbes,</p>
<p>M.SC. I PAPER II MYCOLOGY & PLANT-PATHOLOGY</p>	<p>The paper provides a profound knowledge of general feature, classification and phylogeny of fungi, comparative structure, reproduction and phylogeny of prescribed taxa, antibiotics and lichens, plant diseases- symptoms and control measures etc.</p>

M.SC. I PAPER III BRYOPHYTES PTERIDOPHYTES & GYMNOSPERMS	Students will gain deep knowledge of general feature, classification and fossil history of Bryophytes, comparative morphology, anatomy and reproduction of prescribed taxa, general feature, classification, comparative morphology, anatomy and reproduction, affinities and phylogeny of prescribed Pteridophytes & Gymnosperms
M.SC. I PAPER IV PLANT PHYSIOLOGY & CROP PHYSIOLOGY	The paper is an in-depth study of general Plant Physiology, soil- water relation, mineral element, growth and development, reproductive Physiology etc., general features, principles and processes of Crop Physiology, poor harvest Physiology, stress Physiology, weed control etc.
M.SC. I PAPER V CYTOLOGY & MOLECULAR BIOLOGY	Students will gain deep knowledge of history & techniques of Cytology, ultra structure, chromosomes, cell study etc. , Chemistry and biosynthesis of DNA and RNA, transcriptional control, introduction of genetic material into cells etc.
PRACTICAL	The learning of the students will be strengthened through various practical related to theoretical studies
M.SC. II PAPER VI MORPHOLOGY TAXONOMY OF ANGIOSPERMS & ECONOMIC BOTANY	Origin and evolution of Angiosperms, Myorphology of flower, history, principles, significance and trends in Plant Taxonomy, systems of classification, vegetative and floral characters and economic importance of prescribed families and other features of Economic Botany
M.SC. II PAPER VII PLANT ANATOMY, PLANT EMBRYOLOGY & MORPHOGENESIS	The paper highlights history, techniques, trends and other features of Plant Anatomy, history, trends and other features of Plant Embryology, Experimental Embryology, aims, scope, factors, techniques and trends of Morphogenesis, centres of Morphogenetic study in India
M.SC. II PAPER VIII ECOLOGY, SOIL SCIENCE & PHYTOGEOGRAPHY	The paper throws light on various factors related to Ecology like Plant succession, Limnology, Autecology, vegetational analysis, ecosystem and production ecology etc along with elaborating various factors related to soil science and Phytogeography
M.SC. II PAPER IX BIOCHEMISTRY & PHOTO BIOLOGY	The paper highlights the biochemical basis of life and various factors related to Biochemistry, study of cell, water, carbohydrate, enzymes, vitamins etc., a close study of Photobiology- Bioluminescence, Phytochromes and photo blasticity in seeds
M.SC. II PAPER X GENETICS, PLANT BREEDING & BIOSTATISTICS	Helps the learners comprehend various concepts related to genetics and Genetic engineering, significance, objects and issues of Plant Breeding and the role and application of biostatistics
PRACTICAL	The learning of the students will be strengthened through various practical related to theoretical studies

2. U.G. WITH CHEMISTRY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Chemistry helps the students attain recognition of the subject through theoretical and practical work
- ❖ The learners are also familiarised with fundamentals of chemistry covering all the principles and perspectives, the nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions
- ❖ The aspirants learn to analyse organic & inorganic mixtures separations & identification, preparation of compounds and Physical chemistry experiments.
- ❖ The students are made aware of handling the sophisticated instruments/equipments.
- ❖ The learners are capable of undertaking small projects using various tools and techniques in organic and inorganic Chemistry and develop scientific temperament.
- ❖ The learners also develop skill in handling the acidic, poisonous, explosive and other chemicals making themselves employable in any kind of chemical industries. They are also taught about the adverse effects of the obnoxious chemicals

COURSE OUTCOME

The Course enlightens the students in following areas:

B.SC. I PAPER I INORGANIC CHEMISTRY	Students will gain an insight into Atomic Structure, Periodic Properties, Chemical Bonding, s-Block Elements, Chemistry of Noble Gasses and p-Block Elements.
B.SC. I PAPER II ORGANIC CHEMISTRY	Student will gain better knowledge of Structure and Bonding, Mechanism of Organic Reactions, Alkanes and Cycloalkanes, Stereochemistry of Organic Compounds, Alkenes, Cycloalkenes, Dienes and Alkynes, Arenes and Aromaticity, Alkyl and Aryl Halides.
B.SC. I PAPER III PHYSICAL CHEMISTRY	Student will attain a better insight into Mathematical Concepts and Computers, Gaseous, Liquid, Solid and Colloidal states and Chemical Kinetics and Catalysis
PRACTICAL	The learning of the students will be strengthened through various practical related to theoretical studies
B.SC. II PAPER I INORGANIC CHEMISTRY	This paper highlights Chemistry of Elements of Transition Series, Coordination Compounds, Chemistry of Lanthanide and Actinides, Oxidation and Reduction, Acids and Bases and Non-aqueous Solvents
B.SC. II PAPER II ORGANIC CHEMISTRY	Student will gain better knowledge of Electromagnetic and Absorption Spectra, Alcohols, Phenols, Ethers and Epoxides, Aldehydes, Ketones, Carboxylic Acid and Derivatives and

	Organic Compounds of Nitrogen
B.SC. II PAPER III PHYSICAL CHEMISTRY	Student will attain a better insight into Thermodynamics, Chemical Equilibrium, Electrochemistry and Phase Equilibrium:
PRACTICAL	The learning of the students will be strengthened through various practical related to theoretical studies
B.SC. III PAPER I INORGANIC CHEMISTRY	Students will gain an insight into Metal-ligand bonding, Thermodynamic and Kinetic Aspects, Magnetic Properties, Electronic spectra of Transition Metal Complexes, Organometallic Chemistry, Silicones, Phosphazenes, Hard and Soft Acids, Bases and Bioinorganic Chemistry
B.SC. III PAPER II ORGANIC CHEMISTRY	Student will gain better knowledge of Spectroscopy, Organometallic, Organosulphur, Hetrocyclic Compounds, Carbohydrates, Amino Acids, Peptides, Proteins, Nucleic Acids, Fats, Oils, Detergents, Synthetic Polymers and dyes etc.
B.SC. III PAPER III PHYSICAL CHEMISTRY	Student will gain Introductory knowledge of Quantum Mechanics, Spectroscopy, Physical Properties and Molecular Structure, Rotational, Raman, electronic and Vibrational Spectrum and Photochemistry of Solutions, Dilute Solutions and Colligative Properties
PRACTICAL	The learning of the students will be strengthened through various practical related to theoretical studies

3. U.G. WITH MATHEMATICS

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Mathematics lets the students understand the basic concepts of Mathematics like Algebra, Trigonometry, Calculus, Geometry etc. with simple examples and applications.
- ❖ It also enables the students think critically and analytically through Real ,Complex and Numerical analysis
- ❖ The learners also learn to construct simple geometric examples and proofs
- ❖ They develop a skill to Formulate and develop mathematical arguments in a logical manner
- ❖ The aspirants obtain adequate knowledge of the advanced uses of Mathematics and Statistics and learn to apply their knowledge in various spheres of life
- ❖ The learners also develop skill to formulate and use quantitative models arising in social science, business and other contexts.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.SC. I PAPER I ALGEBRA & TRIGONOMETRY	Students will gain basic knowledge of Algebra and Trigonometry like Sequence and its convergence, Definition of a group, Homomorphism and isomorphism, Introduction to rings etc.
B.SC. I PAPER II CALCULUS	Student will gain better knowledge of various topics related to Differential Calculus and Integral Calculus like ϵ - δ definition of the limit of a function, Expansion of functions, Maxima and Minima, Reduction formulae, Beta and Gamma functions etc.
B.SC. I PAPER III GEOMETRY & VECTOR CALCULUS	Student will attain a better insight into Mathematical Concepts Geometry and Vector Calculus like General equation of second degree, Three dimensional system of co-ordinates, Sphere, cone and cylinder, Central conicoids etc.
B.SC. II PAPER I LINEAR ALGEBRA and MATRICES	This paper highlights various mathematical concepts related to : Linear Algebra and Matrices like Vector spaces and their elementary properties, Linear transformations and their algebra, Symmetric and skew-symmetric matrices and characteristic equation etc.
B.SC. II PAPER II DIFFERENTIAL EQUATIONS and INTEGRAL TRANSFORMS	Student will gain better knowledge of : Differential Equations And Integral Transforms like Formation of a differential equation (D.E.), Differential equations of the first order but not of the first degree, Series solutions of second order differential equations and The concept of transform, etc.
B.SC. II PAPER III MECHANICS	Student will attain a better insight into Dynamics and Statics Velocity and acceleration along radial and transverse directions, Motion in resisting medium, Motion on smooth and rough plane curves, Common catenary, etc.
B.SC. III PAPER I REAL ANALYSIS	Students will gain an insight into concepts of Real Analysis like Axiomatic study of real numbers, . Sequences of real numbers, Sequential continuity, Riemann integral etc.
B.SC. III PAPER II COMPLEX ANALYSIS	Student will gain better knowledge of topics like Functions of a complex variable, Elementary functions, Complex Integration, Singularities and zeros of an analytic function and Argument principle. Etc.
B.SC. III PAPER III NUMERICAL ANALYSIS and PROGRAMMING IN C	Student will gain Introductory knowledge of Numerical Analysis like, Shift operator, Divided differences, Numerical integration, Solution of transcendental and polynomial equations and Programming in C
B.SC. III PAPER IV OPTIONAL	Students are supposed to opt for one optional paper out of the following-

	IV(A) Number Theory & Cryptography /IV(B) Linear Programming / IV(C) Differential Geometry & Tensor Analysis/ IV(D) Principles of Computer Science/ IV(E) Discrete Mathematics / IV(F) Mathematical Statistics
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4. U.G. WITH PHYSICS

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Physics understand core concepts of Physics like Kinetic Theory, Mechanics, Electronics , Wave Motion etc.and apply their learning to practical life
- ❖ The learners carry out experiments as per laboratory standards in different fields of Physics as per their syllabus and use their simple experimental experiences like Circuit fundamentals for the safe flow of electricity in their day to day life
- ❖ Thus the learners develop skill in the Experimental and Theoretical Physics
- ❖ The aspirants gain adequate analytical and logical skill for higher Education.
- ❖ They are also able to seek jobs in the related areas
- ❖ The students are also geared up for appearing in competitive exams

COURSE OUTCOME

The Course enlightens the students in following areas:

B.SC. I PAPER I MECHANICS AND WAVE MOTION	Students will gain an insight into Inertial reference frame, Newton's laws of motion, Rotational energy and rotational inertia for simple bodies, Central forces, Simple harmonic motion, Differential equation of wave motion etc.
B.SC. I PAPER II KINETIC THEORY AND THERMODYNAMICS	Student will gain better knowledge of Ideal Gas, Real Gas, Liquefaction of gases, Transport phenomena in gases, The laws of thermodynamic, Blackbody radiation etc.
B.SC. I PAPER III CIRCUIT FUNDAMENTALS AND BASIC ELECTRONICS	Student will attain a better insight into Growth and decay of currents through inductive resistances, Semiconductors, Transistor biasing circuits, Input and output impedance etc.
PRACTICALS	The learning of the students will be strengthened through various practical related to Mechanics, Oscillations, Properties of matter, Kinetic theory of matter, Thermodynamics, Waves,

	Circuit fundamentals etc.
B.SC. II PAPER I PHYSICAL OPTICS AND LASERS	This paper highlights Interference of a light, Haidinger fringes, Fresnel diffraction, Fraunhofer diffraction, Diffraction gratings, Polarization, Laser system, Application of Lasers etc.
B.SC. II PAPER II ELECTROMAGNETICS	Student will gain better knowledge of Electrostatics, Magnetostatics, Electromagnetic Induction, Dielectrics, Magnetic Properties of Matter, Electromagnetic Waves,
B.SC. II PAPER III ELEMENTS OF QUANTUM MECHANICS, ATOMIC AND MOLECULAR SPECTRA	Student will attain a better insight into Matter Waves, Schrodinger Equation and its Applications, Atomic spectra, Molecular spectra etc.
PRACTICALS	The learning of the students will be strengthened through various practical related to Physical optics, Electrostatics, Moving charges and magnetostatics, Varying fields and electromagnetic theory, Atomic and Molecular Physics Lasers etc.
B.SC. III PAPER I RELATIVITY AND STATISTICAL PHYSICS	Students will gain an insight into Relativity, Statistical physics, The statistical basis of thermodynamics, Some universal laws, Maxwellian distribution of speeds in an ideal gas, Transition to quantum statistics etc.
B.SC. III PAPER II SOLID STATE AND NUCLEAR PHYSICS	Student will gain better knowledge of Crystal Structure, Crystal Diffraction and Reciprocal Lattice, Crystal Bindings, Lattice Vibrations, Nuclear Physics, Nuclear Reactions, Accelerators and detectors, Elementary Particles etc.
B.SC. III PAPER III SOLID STATE ELECTRONICS	Student will gain Introductory knowledge of Diffusion of minority carriers in semiconductor, Transistor parameters, Current and Voltage gain, Field effect transistors and their characteristics, Power Supplies and other Miscellaneous subjects
PRACTICAL	The learning of the students will be strengthened through various practical related to Statistical Physics, Solid State Physics, Electronics and Nuclear Physics etc.

5. U.G. WITH ZOOLOGY

PROGRAMME SPECIFIC OUTCOME:

- ❖ Under Graduate Programme with Zoology makes the students comprehend basic concepts of Zoology like Taxonomy, Evolution, Embryology and Ecology etc.

- ❖ The learners also understand the applications of biological sciences in controlling parasites, vectors and pests, Apiculture, Aquaculture, Pisciculture, Poultry culture, Sericulture, Lac culture, and Animal Behaviour etc.
- ❖ The aspirants also develop competence in handling biological tools and in performing experimental procedures as per their syllabus
- ❖ They also comprehend animal diversity, including knowledge of the scientific classification and evolutionary relationships of major groups of animals
- ❖ The students also come across with relation between structure and functions at different levels of biological organization
- ❖ The students are also geared up for higher education and competitive exams along with seeking jobs in the related fields

COURSE OUTCOME

The Course enlightens the students in following areas:

B.SC. I PAPER I LOWER NON CHORDATA TO (PROTOZOA TO HELMINTHS)	Students will gain an insight into The habits, morphology, physiology, reproduction, development (in outline) and classification of Protozoa, Porifera, Coelenterata, Ctenophora, Platyhelminthes, and Nematelminthes
B.SC. I PAPER II HIGHER NON CHORDATA TO (ANNELIDA TO ECHINODERMATA)	Student will gain better knowledge of The habits, morphology, physiology, reproduction, development (in outline) and classification of Annelida - Nereis, Arthropoda - Palaemon (prawn), Mollusca -Pila (apple-snail), Echinodermata - Pentaceros (excluding development)
B.SC. I PAPER III CELL BIOLOGY & GENETICS	Student will attain a better insight Structure and function of cell, Ultra structure of Plasma membrane, Structure and function of cell organelles with special emphasis on mitochondria and others, Structure of Chromosomes and sex determination etc.
PRACTICAL	The learning of the students will be strengthened through various practical related to prescribed groups and CYTOLOGY
B.SC. II PAPER I CHORDATA	This paper highlights Classification and detailed study of Hemichordata, Cephalochordata, Urochordata along with Classification of different classes of vertebrates like Pisces, Amphibia, Reptilia, Aves and Mammalian
B.SC. II PAPER II ANIMAL DISTRIBUTION, EVOLUTION AND DEVELOPMENTAL BIOLOGY	Student will gain better knowledge of Animal distribution, Origin of Life, evolution along with the Aims and scope of Developmental Biology

B.SC. II PAPER III PHYSIOLOGY AND BIOCHEMISTRY	Student will attain a better insight into General physiology with special reference to mammals. Physiology of digestion, respiration, and blood and circulation, excretion and osmoregulation, neural transmission, muscles, endocrine system, thermoregulation, General chemistry and classification of carbohydrates, lipids and proteins; Enzymes
PRACTICAL	The learning of the students will be strengthened through various practical related to prescribed Chordata, vertebrates, Histology and Physiology
B.SC. III PAPER I APPLIED AND ECONOMIC ZOOLOGY	Students will gain an insight into Parasitology, Vectors and pests, Animal breeding and culture and Wild Life of India
B.SC. III PAPER II BIOTECHNOLOGY, IMMUNOLOGY, BIOLOGICAL TOOLS AND TECHNIQUES AND BIOSTATISTICS	Student will gain better knowledge of Biotechnology, Immunology, Biological Tools and Techniques and Biostatistics
B.SC. III PAPER III ECOLOGY, MICROBIOLOGY ANIMAL BEHAVIOUR AND POLLUTION AND TOXICOLOGY.	Student will gain Introductory knowledge of Ecology, Microbiology Animal Behaviour and Pollution and Toxicology
PRACTICAL	The learning of the students will be strengthened through various practical related to prescribed topics through Stool examination, slides/ specimens and Dissections etc.

PROGRAMME NAME- BACHELOR OF COMMERCE

PROGRAMME OUTCOME

- The Under graduate students with Commerce stream emerge as competent individuals to learn commercial, management, business and entrepreneurial activities.
- The Programme prepares the students for comprehending the significance of business activities in the society and also familiarises them with technical requirements like IT laws, GST system etc related to the business world.
- The Programme enables the under graduates to understand conceptual framework of accounting and develop skills of maintaining accounts.
- The Programme makes the students have fundamental knowledge of entrepreneurial and management skills, banking sector and the challenges of job market.
- The students are also familiarised with management principles, retail trading, insurance transactions, business economics and financial management and corporate sector.
- It also arms the graduates with calibre to face various competitive exams like CA, CS, ICWA, etc and the choice for appearing in MBA or M.Com courses is also open for them.

PROGRAMME SPECIFIC OUTCOME

- After the completion of B.Com the learners will be able to apply different concepts in starting and managing business and realize the social responsibilities, social realities and inculcate an essential value system
- They will be able to realize problems related to employer, employee conflicts.
- The students will be able to recognise the roles and responsibilities of businessmen, entrepreneur, managers, consultant, which will help them to adopt skills in these areas
- The students can also gain skills to work as tax consultant, audit assistant and other financial supporting services.
- They will be able to move in the sphere of higher education and advance research in the field of commerce and finance.
- The Programme enables the students to attain entrepreneurial and management skills, prepares them for banking sector and the challenges of job market.

COURSE OUTCOME

The Course enlightens the students in following areas:

B.COM. I GROUP A-I BUSINESS COMMUNICATION	Developing business communication skills among students through forms and principles of communication, self-development and communication, corporate communication, verbal and non- verbal communication etc.
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B.COM. I GROUP A-II BUSINESS STATISTICS	Inculcating analytical skill among students with statistical investigations, diagram and graphic representation, statistical average, correlation, study of Indian statistics etc.
B.COM. I GROUP B-I FINANCIAL ACCOUNTING	To impart basic accounting knowledge as applicable to business through introducing principles of accounting, departmental, voyage and branch accounts, insurance claims, hire and purchase and royalty systems
B.COM. I GROUP B-II BUSINESS REGULATORY FRAMEWORK	Providing brief idea about the framework of Indian business laws like law of contract, sale of goods act, negotiable instrument act, grievance redressal machinery etc.
B.COM. I GROUP C-I BUSINESS ECONOMICS	To acquaint the students with the principles of business economics like elasticity of demand, production function, objectives of a firm, factor pricing etc.
B.COM. I GROUP C-II BUSINESS ENVIRONMENT	To acquaint the students with the emerging issues of business at the National and International level in the light of the policies of localization and glocalization
B.COM. II GROUP A-I COMPANY LAW	To provide basic knowledge of the provisions of the Companies Act. 1956, along with relevant case law, The Companies Act, excluding provisions relating to accounts and audit sections, managing agents and secretaries and treasurers Sections 324 - 388E, arbitration, compromises, arrangements and reconstructions - sections 389-396).
B.COM. II GROUP A-II COST ACCOUNTING	This course exposes the students to the basic concepts and the tools used in cost accounting along with Cost Ascertainment and cost records
B.COM. II GROUP B-I PRINCIPLES OF BUSINESS MANAGEMENT	This course familiarizes the students with the basics of principles of management like Planning, Organizing, Motivation, Managerial Control and Management of Change etc.
B.COM. II GROUP B-II INCOME TAX	It enables the students to know the basics of Income Tax Act and its implications, Heads of Income: Salaries, Computation of Tax Liability, Tax Management and tax administration etc.
B.COM. II GROUP C-I FUNDAMENTALS OF ENTREPRENEURSHIP	It provides exposure to the students to the entrepreneurial culture and industrial growth so as to preparing them to set up and manage their own small units.
B.COM. II	The Objective of this course is to provide basic knowledge about

GROUP C-II PUBLIC FINANCE	various intricacies for public finance, Public Expenditure, Public Revenue, Public Debts and Indian Public Finance
B.COM. II GROUP C-III INDUSTRIAL LAW	The purpose of this paper is to orient students about industrial rules and regulations like The Factories Act, Industrial Disputes Act, Indian Trade Unions Act, Employees State Insurance Act and Workman Compensation Act
B.COM. III GROUP A-I CORPORATE ACCOUNTING	This course enables the students to develop awareness about corporate accounting in conformity with the provisions of Companies Act.
B.COM. III GROUP A-II AUDITING	This course aims at imparting knowledge about the principles and methods of auditing and their applications
B.COM. III GROUP B-I MONEY & FINANCIAL SYSTEM	This course exposes the students to the working of money and financial system prevailing in India with emphasis on Money, Finance, Indian Banking System, Process of Credit Creation By Banks etc.
B.COM. II GROUP B-II INFORMATION TECHNOLOGY & ITS IMPLICATIONS IN BUSINESS	The objective of the course is to familiarize the students with the innovations in information technology and how it affects business. An understanding of the ground rules of these technologies will enable the students to appreciate the nittygritty of e-Commerce.
B.COM. II GROUP C-I FINANCIAL MANAGEMENTS	The objective of this course is to help students understand the conceptual framework of financial management, Capital Budgeting- cost and structure, Operating and Financial Leverage, Dividend Policies and Management of Working Capital.
B.COM. II GROUP C-II MANAGEMENT ACCOUNTING	This course provides the students an understanding of the application of accounting techniques for management.
In Group C students can also opt papers Principles of Marketing & International Marketing/ Fundamentals of Insurance & Indian Banking System/ Internet and World Wide Web & Essentials of Commerce/ Human Resource Management & Industrial Relations	
