



JAHNVIS MULTI FOUNDATION'S  
**VANDE MATARAM DEGREE COLLEGE**  
OF ARTS, COMMERCE & SCIENCE (Affiliated to University of Mumbai)  
NAAC 'B' GRADE | AN ISO 9001:2015 CERTIFIED COLLEGE

ACADEMIC YEAR  
2023 – 2024  
PROGRAMME OUTCOMES  
&  
COURSE OUTCOMES



**PRINCIPAL**  
JMF'S Vande Mataram Degree College  
of Arts, Commerce & Science,  
Dr. Nemade Road, Telcoswadi,  
Kopar, Old Dombivli (W)-421202



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### Programme Outcomes

- PO1: Knowledge:** Attain a deep understanding of the chosen field of study within arts, science, or commerce .
- PO2: Problem Solving:** Develop the capacity to identify, analyze, and solve problems using logical and creative approaches.
- PO3: Applications:** Acquire the skills to conduct independent research, gather information, and draw meaningful conclusions.
- PO4: Critical Thinking:** Develop the ability to analyze information critically and apply reasoning skills in various contexts.
- PO5: Ethical Awareness:** Foster a sense of ethical responsibility in academic and professional pursuits.
- PO6: Communication Skills:** Enhance written and verbal communication skills to convey ideas effectively.
- PO7: Global Awareness:** Cultivate an understanding of global issues and diverse perspectives relevant to the chosen discipline.
- PO8: Adaptability and Lifelong Learning:** Prepare for lifelong learning by adapting to new technologies, methodologies, and changes in the professional landscape.
- PO9: Teamwork and Collaboration:** Develop collaborative skills to work effectively in diverse teams.
- PO10: Leadership Skills:** Nurture leadership qualities to take on responsibilities and contribute positively to the community and work place.



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**BACHELOR OF ARTS (B.A)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.A	I	Foundation Course

Sr.No.	Course Outcomes
CO1	Explain diverse Indian Society, Asymmetry, Values of Indian Constitution and Aspects of Political Process.
CO2	Comprehend diverse Indian society, caste, existing inequalities and inequalities in Indian society, Indian Constitution, values and aspects of political processes.
CO3	Explain basic knowledge to solve personal and social problems related to Indian constitution, values and aspects. political process.
CO4	Understand Inequality and Inequality, Indian Constitution, Values. Aspects of political process and political situation



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Programme	Semester	Course Name
B.A	I	Communication Skills in English Paper I

Sr.No.	Course Outcomes
CO1	Learn and interpret any text they are reading from different perspectives.
CO2	Listen and watching good quality audio and visual the media will be aroused.
CO3	Acquire proficiency in the skills of listening, speaking, reading and writing that will help them meet the challenges of the world.
CO4	Develop good oral and written skills of communication in the English language.

Programme	Semester	Course Name
B.A	I	Marathi

Sr.No.	Course Outcomes
CO1	Gain Knowledge of different stories by Ratnakar Matkari, Yogiraj Wagmare, Bharat Sasane, Ushakiran Atram, Jayant Pawar etc.
CO2	Learn to do creative writing in Marathi.
CO3	Learn to use grammar in Marathi writing.



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Programme	Semester	Course Name
B.A	I	Hindi

Sr.No.	Course Outcomes
CO1	Gain knowledge of different stories by Jayshankar Prasad, Nirala, Mahadivi Varma, Maithilicharan Gupta, Mkhanel Chuhan etc.
CO2	Learn to aware of Creative writing in Hindi
CO3	Learn to use grammar in Hindi writing

Programme	Semester	Course Name
B.A	I	History of Modern India. (1857 to 1947) HIST

Sr.No.	Course Outcomes
CO1	Analyze the causes, events, and consequences of the Indian Revolt of 1857.
CO2	Learn the impact on British rule in India.
CO3	Rise of political movements, including the Moderates, Extremists and Revolutionary Phase, Rise Indian National Congress.
CO4	Understand the negotiations leading to the partition of India and the creation of Pakistan. The integration of princely states, the adoption of the Indian Constitution.



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Programme	Semester	Course Name
B.A	I	Human geography (GEO)

Sr.No.	Course Outcomes
CO1	Anticipate diverse outcomes, such as a comprehensive understanding of human interactions with the environment, cultural landscapes, and societal patterns.
CO2	Develop skills in research, critical analysis, and interpreting spatial data. This education equips to explore issues like urbanization, migration, globalization, and social inequalities.
CO3	Pursue careers in urban planning, environmental management, international development, or research roles where they can contribute to addressing complex social and environmental challenges.
CO4	Provide a strong foundation for understanding the intricate relationships between humans and their surroundings.



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Programme	Semester	Course Name
B.A	I	Fundamental Psychology I

Sr.No.	Course Outcomes
CO1	Anticipate outcomes such as a solid understanding of foundational psychological theories, research methods, and key concepts related to human behavior and mental processes.
CO2	Develop critical thinking and analytical skills, as well as an Explainpsychological principles to real-world situations.
CO3	Prepare various career paths, including roles in counseling, human resources, research, or further studies in specialized areas of psychology.
CO4	Contribute to improved interpersonal skills and a better understanding of oneself and others.



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Programme	Semester	Course Name
B.A	I	Introduction to Prose and Fiction Paper I

Sr.No.	Course Outcomes
CO1	Develop passion for reading literary works amongst
CO2	Make learners at ease in the process of appreciation of literature
CO3	Explain and analyze selected stories, prose, fiction and non-fiction masterpieces
CO4	Imbibe the underlying philosophy and values reflected in literature

Programme	Semester	Course Name
B.A	I	Micro Economics I

Sr.No.	Course Outcomes
CO1	Identify three general student learning outcomes for our graduate
CO2	Develop economic theory. A. should use written and oral skills to explain and apply economic theory.
CO3	Develop identify and analyze economic data, using statistical software to compile data and develop and interpret econometric models.
CO4	Develop the library and other resources to write a literature review that reflects higher-order critical thinking skills.





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Programme	Semester	Course Name
B.A	II	Foundation Course

Sr.No.	Course Outcomes
CO1	Understand and explain the concepts of migration, human rights, environment, environmental issues, LP.G, suicide, ICT sustainAble development. (definition).
CO2	Stress and conflict - its types, causes, effects and mechanisms of resolution and coping, socialization, ethics and values, hierarchy of needs.
CO3	Know Indian society and LPG, migration, economy after ICT, human rights issues, environmental concerns, socialization, sustainAble development, stress, conflict, ethics and values, hierarchy of needs.
CO4	Explain knowledge of migration. LPG, ICT, Human Rights and Indian Constitution, Ethics and Values, Hierarchy of Needs, SustainAble Development, Addressing Stress and Conflicts, Socialization.



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Programme	Semester	Course Name
B.A	II	Communication Skills in English Paper II

Sr.No.	Course Outcomes
CO1	Enhance English language proficiency of by familiarizing them with the skills of Listening, Speaking, Reading and Writing (LSRW)
CO2	Introduce learners to different perspectives of looking at a text or passage
CO3	Equip learners in the functional aspects of English so that they use the acquired language skills correctly and confidently
CO4	Guide learners in the effective use of the digital medium of communication.

Programme	Semester	Course Name
B.A	II	MARATHI

Sr.No.	Course Outcomes
CO1	Gain Knowledge of different essay by Asawari Kakade, Sisiliya Carvolo, Kishor Kadam, Bhagwan Nile Niraja Yogini Raul Chaya Korekar etc.
CO2	Learn to aware of Vyawharik writing in Marathi
CO3	Learn to use grammar in Marathi writing





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Programme	Semester	Course Name
B.A	II	HINDI

Sr.No.	Course Outcomes
CO1	Gain knowledge of different Poems by Shivmangal Singh Suman, Samsher Bahadur Singh, Kedarnath Agarwal, Kedarnath Singh etc.
CO2	Learn to aware of easy writing in Hindi
CO3	Learn to use grammar in Hindi writing

Programme	Semester	Course Name
B.A	II	History of Modern India. (1857 to 1947) HIST

Sr.No.	Course Outcomes
CO1	Analyze the causes, events, and consequences of the Indian Revolt of 1857. Impact on British rule in India.
CO2	Rise of political movements, including the Moderates, Extremists and Revolutionary Phase, Rise Indian National Congress.
CO3	Understanding the negotiations leading to the partition of India and the creation of Pakistan
CO4	Integration of princely states, the adoption of the Indian Constitution.



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Programme	Semester	Course Name
B.A	II	Environment Geography

Sr.No.	Course Outcomes
CO1	Explain outcomes that involve a deep understanding of environmental systems, sustainability, and the impact of human activities on the natural world.
CO2	Develop skills in Analyzespatial patterns related to ecosystems, climate, and resource distribution.
CO3	Equip to address environmental challenges, such as climate change, biodiversity loss, and resource management. Career paths for these may include roles in environmental consulting, conservation, natural resource management, and sustainAble development.
CO4	Study environmental geography provides a foundation for contributing to solutions that promote ecological balance and human well-being.



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Programme	Semester	Course Name
B.A	II	Fundamental Psychology II

Sr.No.	Course Outcomes
CO1	Anticipate outcomes such as a solid understanding of foundational psychological theories, research methods, and key concepts related to human behavior and mental processes.
CO2	Develop critical thinking and analytical skills, as well as an explain psychological principles to real-world situations.
CO3	Prepare various career paths, including roles in counseling, human resources, research, or further studies in specialized areas of psychology.
CO4	Contribute to improved interpersonal skills and a better understanding of oneself and others.



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Programme	Semester	Course Name
B.A	II	Introduction to Prose and Fiction Paper II

Sr.No.	Course Outcomes
CO1	Explain and develop sensitivity to nature and understand the relationship between human beings and environment
CO2	Introduce learners to various elements of selected short stories written in English and translated into English
CO3	Acquaint learners with different forms of prose and its importance through close reading of selected works.
CO4	Introduce learners to understand that literature is an expression of human values and universal truths



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Programme	Semester	Course Name
B.A	II	Micro Economics I

Sr.No.	Course Outcomes
CO1	Explain define, understand and explain meaning and features of different market structure.
CO2	Explain, develop factor pricing to analysis determination of equilibrium price and production Cost, profit and output in different market structures.
CO3	Explain, develop analytical skill to analyses determination of equilibrium price and production Cost, profit and output in different market structures.



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Programme	Semester	Course Name
B.A	III	Foundation Course

Sr.No.	Course Outcomes
CO1	Identify issues related to fundamental rights, environmental concerns, human rights, science, technology, sustainable development, soft skills and interaction.
CO2	Explain Fundamental rights, to practical issues related to environmental concerns. Human Rights, Science, Technology, Sustainable Development, Soft Skills and Interaction.
CO3	Analyze various conditions in the environment - fundamental rights, environmental concerns. Human Rights, Science, Technology, Sustainable Development, Interaction. Various knowledge about the environment.
CO4	Fundamental rights, assessment of situational issues related to environmental concerns and decision-making ability.



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Programme	Semester	Course Name
B.A	III	Macro Economics – I (Eco II)

Sr.No.	Course Outcomes
CO1	Expose the learners to basic principles of Macroeconomic theory
CO2	Develops the skill of application of Macroeconomic concepts to analyse real -life situations.
CO3	Introduce learners National Income concept.
CO4	Introduce learners with the concept of Consumption and Investment

Programme	Semester	Course Name
B.A	III	Public Finance (Eco III)

Sr.No.	Course Outcomes
CO1	Evaluate investment project by different capital budgeting methods
CO2	Evaluate investment project by different types of budgeting methods
CO3	Search, evaluate and present information in relation to feasible and profitAble investments
CO4	Evaluate Budget and investment project by different types of budgeting methods, collecting revenue and forecasted



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Programme	Semester	Course Name
B.A	III	Agriculture geography (Geo II)

Sr.No.	Course Outcomes
CO1	Gain a comprehensive understanding of various agricultural systems, including crop production, livestock management, and agroforestry.
CO2	Learn about the factors influencing the choice of crops and farming practices in different regions.
CO3	Comprehend agriculture geography that involves spatial analysis, and develop skills in interpreting and Analyze geographic data related to agricultural patterns and trends.
CO4	Learn about geographic information systems (GIS) and remote sensing technologies are often utilized, enhancing ' technical skills.



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Programme	Semester	Course Name
B.A	III	Geography of Maharashtra (GEO III)

Sr.No.	Course Outcomes
CO1	Gain insights into the physical features of Maharashtra, including its topography, climate, rivers, and natural resources.
CO2	Understand the geographical factors that influence land use, agriculture, and settlement patterns.
CO3	Study the Maharashtra's geography includes an exploration of its diverse cultures, languages, and demographic characteristics.
CO4	Learn about the distribution of population, urbanization trends, and the cultural mosaic of the state.



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Programme	Semester	Course Name
B.A	III	LANDMARKS IN WORLD HISTORY, 1300A.D – 1945A.D. (HIST II)

Sr.No.	Course Outcomes
CO1	Understand the evolution of societies, cultures, and political systems over several centuries and Analyse the cultural, artistic, and intellectual transformations during the Renaissance.
CO2	Gain insights into the political, social, economic, and cultural factors that influenced the landmarks.
CO3	Cultivate not only critical thinking abilities, but also historical analysis skills and the proficiency to make correlations across various historical eras and geographical territories.
CO4	Learn about the world war I & II and use of Nuclear bomb by America on Japan in world war - II Rise and Decline of Dictatorship in world.



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Programme	Semester	Course Name
B.A	III	History of Ancient India (Early to 1000 A.D.) (HIST III)

Sr.No.	Course Outcomes
CO1	Define , understand & explain different definitions and concepts related to Ancient Indian History.
CO2	Analyse various historical events of ancient India like for e.g. rise and decline of Indus Valley, Vedic age, Rise of Jainism and Buddhism, Impact of Persian and Greek Invasion etc.
CO3	Analyse the causes and factors of various events like decline of Indus Valley, rise of Jainism and Buddhism etc. and decides about their impact.
CO4	Find more new information about ancient India like for e.g. civilizations like Indus valley, Vedic age, rise of Jainism, Buddhism etc through field trips to historical places and museums



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Programme	Semester	Course Name
B.A	III	Social psychology-I (PSY II)

Sr.No.	Course Outcomes
CO1	Learn how Social psychology provides insights into why people behave the way they do in social situations. learn about the factors influencing social behavior, such as attitudes, stereotypes, conformity, and obedience
CO2	Learn how Social psychology provides insights into the causes of conflicts and strategies for resolution. learn how to manage conflicts constructively and find solutions that benefit all parties involved.
CO3	Apply their knowledge in diverse fields, including counseling, human resources, marketing, public relations, education, and community development.
CO4	Involve research methods and critical thinking. develop skills in designing experiments, collecting and Analyzedata, and critically evaluating research findings.



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Programme	Semester	Course Name
B.A	III	Developmental psychology-I (PSY III)

Sr.No.	Course Outcomes
CO1	Gain a comprehensive understanding of the physical, cognitive, emotional, and social changes that occur from infancy to old age.
CO2	Appreciate the complexity of human development and the factors influencing it.
CO3	Acquire insights into effective parenting and caregiving practices.
CO4	Understand developmental milestones and age-appropriate expectations contributes to more informed and supportive caregiving.



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Programme	Semester	Course Name
B.A	IV	Foundation Course

Sr.No.	Course Outcomes
CO1	Explain, recognize and describe fundamental civil rights, environmental understanding, international environmental protocols, science, modern technology, ICT, competitive examinations and soft skills
CO2	Understand basic Civil Rights, Approaches to Environmental Understanding, International Environmental Protocol, Science, Modern Technology, ICT, Competitive Examinations and Soft Skills
CO3	Facilitate complex issues in fundamental civil rights, environmental understanding, international environmental protocols, etc.
CO4	Environmental Studies, International Environmental Protocol, Science, Explain, recommend suggestions in the areas of basic civil rights, environmental understanding, modern technology, ICT, competitive examinations and soft skills.



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Programme	Semester	Course Name
B.A	IV	Macro Economics – II (Eco II)

Sr.No.	Course Outcomes
CO1	Make aware of macroeconomic terminologies.
CO2	Make learners familiar with macroeconomic terms and concepts in order to understand economics at an aggregate level.
CO3	Make the aware about recent developments in macroeconomic literature.
CO4	Introduce learners with the concept of Inflation.



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Programme	Semester	Course Name
B.A	IV	Indian Economy (Eco III)

Sr.No.	Course Outcomes
CO1	Evaluate problems in the Indian Economy with overlooking optimization.
CO2	Understand the Sectoral Composition And its Contribution in Indian Economy
CO3	Evaluate Policies and its impact on Development also analysis importance of government programs
CO4	Enhance the growth and its utilization for public welfare



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Programme	Semester	Course Name
B.A	IV	Geography of India (Geo II)

Sr.No.	Course Outcomes
CO1	Analyse Geographical Diversity: India's varied topography, climate, and ecosystems
CO2	Analyse Cultural Heritage: The geographical context of historical events and cultural diversity across different regions.
CO3	Analyse Urbanization Challenges: Understanding issues related to rapid urban growth, infrastructure, and sustainable development.
CO4	Analyse Environmental Concerns: Awareness of ecological issues, biodiversity, and the impact of human activities.



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Programme	Semester	Course Name
B.A	IV	<b>TOURISM GEOGRAPHY (GEO III)</b>

Sr.No.	Course Outcomes
CO1	Deep understanding of global tourism patterns, cultural impacts, and environmental considerations.
CO2	Develop skills in spatial analysis, destination planning, and sustainable tourism practices.
CO3	Gain insights into economic factors influencing the tourism industry and the Explain critically assess the social and cultural dimensions of tourist destinations.
CO4	Equip with roles in tourism management, policy development, and research within the dynamic field of tourism geography.



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Programme	Semester	Course Name
B.A	IV	History of Ancient India (Early to 1000 A.D. (HIST III))

Sr.No.	Course Outcomes
CO1	Understand and explain various definitions, different concepts, and intellectual aspects related to ancient Indian history.
CO2	Analyze the effects of various historical events and personalities. Critical thinking, problem solving and analytical skills.
CO3	Historical Empire:- Kushan Empire, Gupta, Maurya Empire, Kushan, develop the Evaluate the rise of various dynasties like Gupta etc. and the causes and factors of various events and make decisions about their influence in ancient Indian history.
CO4	Develop the views on key rulers like Ashoka, developing knowledge about Samudragupta Empire among etc.



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Programme	Semester	Course Name
B.A	IV	Social psychology-II (PSY II)

Sr.No.	Course Outcomes
CO1	Study social psychology raises awareness of societal issues and challenges, motivating individuals to contribute positively to social change and advocacy.
CO2	Understand social influence is a key aspect of social psychology. learn about persuasion techniques, compliance, and the factors that impact decision-making. This knowledge is applicable in fields such as marketing, sales, and leadership.
CO3	Social psychology explores communication processes, including verbal and nonverbal cues. develop skills in effective communication, which is beneficial in personal and professional contexts.
CO4	Social psychology addresses issues related to prejudice, discrimination, and stereotypes. become more aware of these biases and learn strategies to challenge and reduce them in themselves and others



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Programme	Semester	Course Name
B.A	IV	Developmental psychology-II (PSY III)

Sr.No.	Course Outcomes
CO1	Define in this field gain insights into how individuals learn and develop cognitively. This knowledge is beneficial for educators and educational psychologists in tailoring teaching methods to different developmental stages.
CO2	Graduates may work in fields such as counseling, healthcare, or social work, applying their understanding of developmental psychology to promote healthy emotional and social development in individuals
CO3	Knowledge in developmental psychology is crucial for recognizing and understanding developmental disorders, such as autism spectrum disorders or learning disabilities.
CO4	Professionals in fields like psychology, education, and healthcare use this knowledge to diagnose and provide interventions for individuals with developmental challenges.



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Programme	Semester	Course Name
B.A	V	<b>ADVANCED MICROECONOMICS - III</b>

Sr.No.	Course Outcomes
CO1	Enables to gain knowledge on new market structure, imperfect competition.
CO2	Provides understanding on the welfare economics and economics of information.
CO3	Expose the learners to understand the concept of pareto optimality.
CO4	Study the equilibrium under discriminating monopoly, and oligopoly.

Programme	Semester	Course Name
B.A	V	<b>ECONOMICS OF GROWTH AND DEVELOPMENT</b>

Sr.No.	Course Outcomes
CO1	commiserate with Development and Actual Development like HDI, and try to sustain their future lives.
CO2	Accomplishment of different theory and enjoyment and lightning with focus on national development with personal assistant
CO3	Analyse Focus on micro factors and its importance in the economy.
CO4	Expertness in Production ability with technical processes using green technology.



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Programme	Semester	Course Name
B.A	V	ECONOMICS OF AGRICULTURE AND CO-OPERATION-I

Sr.No.	Course Outcomes
CO1	Propensity to realize the agricultural problems and introduce new ideas to solve the different problems
CO2	Realize Creation of credit and role and performance of agencies
CO3	Realized the problem in marketing and build a capacity to face global problems.
CO4	Analysis how to Present own nation on global platforms with better performance.



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Programme	Semester	Course Name
B.A	V	<b>ECONOMICS OF GROWTH AND DEVELOPMENT</b>

Sr.No.	Course Outcomes
CO1	Comprehend with Development and Actual Development like HDI, and try to sustain their future lives.
CO2	Accomplishment of different theory and enjoyment and lightning with focus on national development with personal assistant
CO3	Analyse Focus on micro factors and its importance in the economy.
CO4	Expertness in Production ability with technical processes using green technology.

Programme	Semester	Course Name
B.A	V	<b>RESEARCH METHODOLOGY-I</b>

Sr.No.	Course Outcomes
CO1	should demonstrate proficiency in economic research. A. Develop identify a research question.
CO2	realized the research process in economic research. Able to identify research data and are capable of compiling its truth.
CO3	Develop use library and other resources to write a literature review that reflects higher-order critical thinking skills
CO4	Develop independently identify and analyze economic data, using statistical software to compile data and develop and interpret econometric models.



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Programme	Semester	Course Name
B.A	V	<b>ENVIRONMENTAL ECONOMICS - I</b>

Sr.No.	Course Outcomes
CO1	On the completion of this course, the student will have a good understanding of contemporary environmental issues and their relation to economic development.
CO2	The learner will be equipped to understand the methodologies and tools of valuing the environment.
CO3	In the light of international environmental agreements, Learnbe Able to understand the global approaches.
CO4	Policies adopted by India to deal with the environmental issues.

Programme	Semester	Course Name
B.A	V	<b>HISTORY OF ECONOMIC THOUGHT - I</b>

Sr.No.	Course Outcomes
CO1	Provide information about the biography and contribution of the most influential economists who influenced the economic fraternity.
CO2	Get information about the genesis of Economics and its modern scenario.
CO3	Establish the correlation of Economics with other subjects.
CO4	Shaping up the economic thought process.



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Programme	Semester	Course Name
B.A	V	History of Medieval India

Sr.No.	Course Outcomes
CO1	Analyze about the Early Medieval Period, Mughal Empire, Vijayanagara Empire.
CO2	Analyze how Islamic influences were brought to mediaeval India by the Mohammad Gazani and Muhammad Ghori,
CO3	Analyze the coming into being of the Delhi Sultanate in 1206, signalled the strengthening of Turkish. which took place between 1000 and 1526 AD.
CO4	Analyze how Slave dynasty Started from 1206 Kutubuddin Aibak started Slave dynasty in India. Following were the unstable Khilji dynasty (1290–1320) and the Tughlaq dynasty (1320–1414).



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Programme	Semester	Course Name
B.A	V	History of Modern Maharashtra (1818 CE-1960 CE) 5

Sr.No.	Course Outcomes
CO1	Learn how Maharashtra witnessed major cultural shifts between 1818 and 1960. The region had changes in company operations, administration, and governance under British rule.
CO2	Learn how British rule came from the Marathas' defeat in 1818.
CO3	Learn about the 19th Century the Social reform movements, like the one led by Jyotirao Phule, attempted to solve discriminatory issues related to caste and to advance education. Open First girls School in Maharashtra open Orphan Edge for Widows Women and Children.
CO4	Analyze how the Quit India Movement had an extended impact on the Indian independence movement, in which the state was instrumental. The creation of Maharashtra in 1960 was an important milestone that gave the area, focused around Mumbai, a unique political and administrative identity.



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Programme	Semester	Course Name
B.A	V	Introduction to Archaeology

Sr.No.	Course Outcomes
CO1	Explore and comprehend humanity's past. It includes the excavation, examination, and interpretation of buildings, landscapes, and artefacts
CO2	Learn the disclosure of ancient cultures, ways of life, and technologies is one of the main results. Archaeology sheds information on the evolution of society and aids in the reconstruction of the past.
CO3	Promote a comprehensive awareness of civilizations by assisting in the understanding of social, religious, and economic behaviours.
CO4	Gain expertise in scientific methods, artefact analysis, and fieldwork.



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Programme	Semester	Course Name
B.A	V	History of the Marathas (1630 CE -1707 CE)

Sr.No.	Course Outcomes
CO1	Learn about Shivaji Maharaj Born in 1630 and this period witnessed the rise of the Maratha Empire under Chhatrapati Shivaji Maharaj.
CO2	Learn how Chhatrapati Shivaji Maharaj Founded Swarajya in Deccan. Understanding of Shivaji's strategic genius in building a strong kingdom against the formidable Mughal Empire and Adilshah Nijamshah.
CO3	Learn how Chhatrapati was the first Indian king who created a naval Military against these enemies and against foreigners. The Military strategies, administrative changes, and socio economic advancements that defined Maratha governance.
CO4	Understand the cultural and architectural contributions made by the Maratha people, highlighting a remarkable period in Indian history that had a profound effect on the subcontinent's political climate.



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Programme	Semester	Course Name
B.A	V	History of Contemporary World (1945 CE -2000 CE)

Sr.No.	Course Outcomes
CO1	Get the information about World war- II Cold War chemistry between the United States and the Soviet Union, World can saw the use of Nuclear weapons who use by America against of Japan in world war- II
CO2	Learn how after this war the geographical Boundaries also changed. After End of the Cold War Disintegration Started.
CO3	Explore decolonization, the formation of new nations, and the complexities of the post-colonial world.
CO4	Analyze major global events, including the Cuban Missile Crisis, Vietnam War, and the Civil Rights Movement, understanding their profound impacts on society. Economic transformations, technological advancements, and the rise of globalization are integral components



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Programme	Semester	Course Name
B.A	V	Research Methodology and Sources of History

Sr.No.	Course Outcomes
CO1	Teach the basics of research methodology in history with a view to promote historical research.
CO2	Understand the various kinds of sources of history and its interpretation.
CO3	Acquaint with the new trends and approaches in history writing.

Programme	Semester	Course Name
B.A	VI	ADVANCED MACROECONOMICS - III

Sr.No.	Course Outcomes
CO1	Make student aware about Post Keynesian Synthesis.
CO2	Understand various aspects of Trade Cycles.
CO3	will be Able to describe the contemporary Exchange Rate Regimes.
CO4	Provide information about International Monetary System



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Programme	Semester	Course Name
B.A	VI	INTERNATIONAL ECONOMICS

Sr.No.	Course Outcomes
CO1	Able to realized global perspective of international trade.
Co2	Able to compare between theories and its important in factorial allocation
Co3	Analyse the investment portfolio and business process.
Co4	Able to understand global problems and solutions with better trade-off.

Programme	Semester	Course name
B.a	Vi	Economics of agriculture and co-operation-ii

Sr.no.	Course outcomes
Co1	Able to understand agricultural problems and solutions with cooperative mechanisms.
Co2	Realize the performance of cooperative financial sectors.
Co3	Actualization of the skill and techniques of agricultural products..
Co4	Analyze profitability in the agricultural market with different cooperative strategies and components.



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Programme	Semester	Course Name
B.A	VI	RESEARCH METHODOLOGY-II

Sr.No.	Course Outcomes
CO1	Understand the uses of regression analysis with different methods.
CO2	Analyse the uses of Index in Budget and its importance
CO3	Realize the method of reconstruction of Different types of data and its critical analysis for perspective.
CO4	Utilize the research method in Report writing and build a capacity to conclude its benefit for society.

Programme	Semester	Course Name
B.A	VI	ENVIRONMENTAL ECONOMICS - II

Sr.No.	Course Outcomes
CO1	Empower about the environmental challenges
CO2	Understand the need for environmental accounting
CO3	Develop understanding on the policy measures to attain SDGs
CO4	Introduces vital aspects related to environmental degradation



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Programme	Semester	Course Name
B.A	VI	HISTORY OF ECONOMIC THOUGHT-II

Sr.No.	Course Outcomes
CO1	Aim to provide the information about the biography and contribution of various Indian economic thinker
CO2	Become aware of the varying phases of economic thoughts and development of economic science.

Programme	Semester	Course Name
B.A	VI	History of Medieval India (1526 CE – 1707 CE)

Sr.No.	Course Outcomes
CO1	Learn the reign of Akbar, the growth of society, and the conflicts that followed under Aurangzeb marked the peak and collapse of the Mughal Empire.
CO2	Understand a mix of Hindu and Islamic cultural elements, the Taj Mahal is a prime instance of the growing Indo-Islamic art and architecture. With the empire working as a centre of the world economy, trade and commerce grew and wealth was fostered.
CO3	Understand how the Maratha Empire established regional dominance and opposed Mughal rule.



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CO4	Learn how many self-governing Sultanates rose to prominence in the Deccan, owing to the political complexities in the area. The economic and political climate of India was impacted by the establishment of a foothold by European business powers, specifically the Portuguese and British.
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Programme	Semester	Course Name
B.A	VI	History of Contemporary India (1947 CE- 2000 CE)

Sr.No.	Course Outcomes
CO1	Gain insight into India's independence and partition in 1947.
CO2	Familiarise with the Indian Constitution and its role in shaping the nation.
CO3	Appreciate the policies and leadership of Jawaharlal Nehru during the formative years.
CO4	Understand the consequences of Indo-China and Indo-Pakistan wars on borders and regional dynamics.



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Programme	Semester	Course Name
B.A	VI	Introduction to Museology and Archival Science

Sr.No.	Course Outcomes
CO1	Recognize the importance of museums in presenting and safeguarding cultural things, as well as the foundations of curation and exhibition design.
CO2	Learn more conservation techniques in order to protect cultural artefacts and artwork for future generations.
CO3	Communication and Interpretation: Develop expertise in explaining the historical and cultural importance of cultural artefacts to a range of audiences.
CO4	Archival Management: Gain knowledge of the fundamentals of archiving, with an emphasis on the classification, organization, and assessment of records for historical preservation.



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Programme	Semester	Course Name
B.A	VI	History of the Marathas (1707 CE - 1818 CE)

Sr.No.	Course Outcomes
CO1	Investigate the political, military, and economic factors of the Maratha Empire during Peshwa period
CO2	Gain a comprehension of its rise, expansion, and Decline of Peshwa period. will be learn the causes and effects of Third battle of Panipat.
CO3	Explain Peshwa's one generation were destroy in Third battle of Panipat
CO4	Explain Bajirao - II extended the Maratha power up to Attack and proved the power of Maratha.



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Programme	Semester	Course Name
B.A	VI	History of Asia (1945 CE - 2000 CE)

Sr.No.	Course Outcomes
CO1	Able to put into words the societal, cultural and economic transformations occurring in Asia 2) Learn to Learn war, including the dynamics of the Cold War and decolonization.
CO2	Consider the fast developments in economic growth and development in governments with names like South Korea, Japan, and Singapore, and identifying all the factors that contribute to their achievements.
CO3	Study the end of British rule and the establishment of independent states and consequences of decolonization in Asian countries.
CO4	Understand the effects of the Cold War rivalry between the US and the USSR on Asian countries, which resulted in alliances and regional wars. Analyze the establishment of new Asian nations in 1947, includes India and Pakistan,



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Programme	Semester	Course Name
B.A	VI	Research Methodology and Sources of History

Sr.No.	Course Outcomes
CO1	Enhance the student's Explainlearn the basics of research methodology in history with a view to promote historical research.
CO2	Understand the various kinds of sources of history and its interpretation.
CO3	Acquaint with the new trends and approaches in history writing.



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**Bachelor of Arts Mass Media Communication (B.A. (M.M.C))**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.A. (M.M.C)	I	Effective Communication 1

Sr. No	Course Outcomes
CO1	Describe media's functional and operational aspects.
CO2	Define skills in structural reading, writing, and critical thinking.
CO3	Describe fundamental communication concepts for effective expression in various contexts.

Programme	Semester	Course Name
B.A. (M.M.C)	I	Fundamentals of Mass Communication

Sr. No	Course Outcomes
CO1	Describe knowledge about the history, evolution, and development of Mass Communication.
CO2	Describe Mass Media's importance as a crucial Social Institution.
CO3	Define & Develop models for Mass Communication.



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Programme	Semester	Course Name
B.A. (M.M.C)	I	Foundation Course

Sr. No	Course Outcomes
CO1	Describe the overview of Indian Society.
CO2	Define the concepts of gender disparity.
CO3	Evaluate disparities in caste, intergroup conflict, focus on Indian Constitution & Fundamental Duties, and analyze political processes & various amendments.

Programme	Semester	Course Name
B.A. (M.M.C)	I	History of Media

Sr. No	Course Outcomes
CO1	Describe the development and purpose of the Indian press.
CO2	Analyze various regional presses in India.
CO3	Describe short films and filmmaking in India.
CO4	Analyze the works of global filmmakers.

Programme	Semester	Course Name
B.A. (M.M.C)	I	Visual Communication

Sr. No	Course Outcomes
CO1	Describe skills in graphic design, typography, and visual storytelling.
CO2	analyze proficiency in creating visually appealing communication materials like posters, info graphics, and digital media.
CO3	Define & design principles, color theory, and relevant software tools.
CO4	Describe the works of global filmmakers.



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Programme	Semester	Course Name
B.A. (M.M.C)	I	Current Affairs

Sr. No	Course Outcomes
CO1	Define, recognize, and explain current developments in various fields within a democratic setup.
CO2	Apply and construct reading and writing skills on burning issues in the media.
CO3	Analyse politics, economics, environment, and technology for students to grasp the relevance of related news.
CO4	Describe articles addressing societal problems faced in current times.

Programme	Semester	Course Name
B.A. (M.M.C)	II	Effective Communication Skills II

Sr. No	Course Outcomes
CO1	Evaluate the completion, adeptly navigate diverse communication scenarios, demonstrating proficiency in verbal, written, and nonverbal communication.
CO2	Evaluate interactions for impactful interpersonal and professional communication.



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Programme	Semester	Course Name
B.A. (M.M.C)	II	Foundation Course II

Sr. No	Course Outcomes
CO1	Describe the impact of Liberalization, Privatization, and Globalization on employment and society.
CO2	Evaluate knowledge of Human Rights.
CO3	Describe environmental concerns, causes of degradation, and promote sustainable development.
CO4	Define causes of stress and conflicts in society, and manage stress while promoting socialization.

Programme	Semester	Course Name
B.A. (M.M.C)	II	Content Writing

Sr. No	Course Outcomes
CO1	Describe an effective communication tools to convey thoughts proficiently.
CO2	Evaluate the significance of concise writing in Mass Communication.
CO3	Define & Cultivate students' capacity to distill the essence of situations, promoting clarity of thought in expression and analysis.



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Programme	Semester	Course Name
B.A. (M.M.C)	II	Introduction to Advertising

Sr. No	Course Outcomes
CO1	Describe advertising, its growth, importance, and types.
CO2	Describe an effective advertising campaigns, tools, models, etc.
CO3	Describe the role of advertising, various departments, careers, and creativity.
CO4	Evaluate various advertising trends.

Programme	Semester	Course Name
B.A. (M.M.C)	II	Introduction to Journalism

Sr. No	Course Outcomes
CO1	Apply skills in news writing, interviewing, and journalistic ethics.
CO2	Describe Craft well-structured news articles, demonstrate research proficiency, and grasp the importance of unbiased reporting.
CO3	Describe basic multimedia journalism skills, providing a foundation for further studies in journalism.



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Programme	Semester	Course Name
B.A. (M.M.C)	II	Media, gender & Culture

Sr. No	Course Outcomes
CO1	Describe an understanding of the relationship between media, various genres, and cultural contexts.
CO2	Evaluate & Gain insights into how media shapes and reflects societal values, ideologies, and identities.
CO3	Evaluate critical thinking skills to analyze media representations and understand the impact of media on culture.
CO4	Describe the intricate interplay between media, genres, and cultural dynamics.

Programme	Semester	Course Name
B.A. (M.M.C)	III	Introduction to Photography

Sr. No	Course Outcomes
CO1	Define fundamental skills in camera operation, composition techniques, and understanding lighting through the Photography course introduction.
CO2	Define an eye for visual storytelling, grasp basic photo editing concepts, and establish a foundation for advancing photography skills.



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Programme	Semester	Course Name
B.A. (M.M.C)	III	Corporate Communication & Public Relation

Sr. No	Course Outcomes
CO1	Define and understand the need and scope of corporate communication.
CO2	Evaluate the role of public relations in various sectors.
CO3	Describe the importance of media relations.
CO4	Describe insights into emerging trends in Corporate Communication and Public Relations.

Programme	Semester	Course Name
B.A. (M.M.C)	III	Media Studies

Sr. No	Course Outcomes
CO1	Describe an understanding of media theories.
CO2	Evaluate the relationship of media with culture and society.
CO3	Describe & Contextualize media studies within global media trends.



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Programme	Semester	Course Name
B.A. (M.M.C)	III	Film Communication I

Sr. No	Course Outcomes
CO1	Define Foster student understanding of Good Cinema.
CO2	Explain & Raise awareness about the history and major achievements in the world of cinema.
CO3	Describe & Provide comprehensive knowledge about visuals and sound.

Programme	Semester	Course Name
B.A. (M.M.C)	III	Electronic Media

Sr. No	Course Outcomes
CO1	Define & Foster understanding of electronic media platforms, unraveling key goals and stages in campaigns.
CO2	Describe the use of crucial electronic media tools and cultivate the ability to craft comprehensive plans for effective strategies.



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Programme	Semester	Course Name
B.A. (M.M.C)	III	Computer & Multimedia I

Sr. No	Course Outcomes
CO1	Analyse fundamental knowledge and skills in computers and multimedia.
CO2	Describe computer hardware and software basics, multimedia creation tools, and the integration of various elements.
CO3	Describe Cover graphics, audio, video editing, and presentation design topics.
CO4	Describe foundational understanding of computing and multimedia technologies, preparing for advanced courses or professional roles.

Programme	Semester	Course Name
B.A. (M.M.C)	IV	Writing & Editing for Media

Sr. No	Course Outcomes
CO1	Apply strong writing skills tailored for diverse media platforms.
CO2	Apply craft engaging and concise content, understand journalistic standards, and apply effective editing techniques.
CO3	Describe awareness of audience targeting, style guidelines, and ethical considerations in media writing and editing.
CO4	Evaluate practical skills for effective communication in diverse media environments.



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Programme	Semester	Course Name
B.A. (M.M.C)	IV	Media Laws & Ethics

Sr. No	Course Outcomes
CO1	Describe legal frameworks in media, ethical considerations in journalism, and the balance between free speech and responsibility.
CO2	Describe & develop critical thinking, ethical decision-making skills, and comprehensive knowledge of media laws.
CO3	Describe issues like defamation, privacy, intellectual property, and the role of media in society.

Programme	Semester	Course Name
B.A. (M.M.C)	IV	Mass Media Research

Sr. No	Course Outcomes
CO1	Describe the research process.
CO2	Describe the importance of ethical research.
CO3	Apply research in mass media.



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Programme	Semester	Course Name
B.A. (M.M.C)	IV	Film Communication II

Sr. No	Course Outcomes
CO1	Describe awareness of cinema and its societal contributions.
CO2	Describe shooting techniques for good films and manage the economic aspects of filmmaking.

Programme	Semester	Course Name
B.A. (M.M.C)	IV	Electronic Media II

Sr. No	Course Outcomes
CO1	Analyze knowledge of the workings of two powerful media—radio and television.
CO2	Describe the importance and trends of regional radio channels.
CO3	Define the qualities required to become a proficient anchor or Radio Jockey.
CO4	Understand various social media and digital platforms.



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Programme	Semester	Course Name
B.A. (M.M.C)	IV	Computer & Multimedia II

Sr. No	Course Outcomes
CO1	Apply skills in computer applications and multimedia development.
CO2	Define the understanding of programming languages, advanced graphic design techniques, and multimedia integration.
CO3	Describe 3D modeling, animation, and interactive multimedia.
CO4	Define complex aspects of computer and multimedia technologies, providing a solid foundation for advanced studies or professional applications.

Programme	Semester	Course Name
B.A. (M.M.C)	V	Advertising and marketing research

Sr. No	Course Outcomes
CO1	Describe the concept of research.
CO2	Describe the connection between research and advertising
CO3	Apply research and writing effective advertisement copies.



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Programme	Semester	Course Name
B.A. (M.M.C)	V	Copy writing

Sr. No	Course Outcomes
CO1	Define copywriting, emphasizing the art of selling through written expression.
CO2	Describe writing skills, fostering a creative and persuasive approach.
CO3	Describe & develop, and expression of impactful ideas.

Programme	Semester	Course Name
B.A. (M.M.C)	V	Agency Management

Sr. No	Course Outcomes
CO1	Define advertising campaigns, providing practical experience.
CO2	Describe the operation of ad agencies, covering various aspects of agency management and highlighting opportunities.
CO3	Evaluate competencies for professional success in the advertising industry.



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Programme	Semester	Course Name
B.A. (M.M.C)	V	Consumer Behavior

Sr. No	Course Outcomes
CO1	Describe an understanding of how consumers make decisions and apply this knowledge to marketing strategies.
CO2	Describe consumer psychology, market research, and the impact of external factors on consumer behavior.
CO3	Evaluate critical thinking skills to analyze and apply these concepts in real-world scenarios.

Programme	Semester	Course Name
B.A. (M.M.C)	V	Brand Building

Sr. No	Course Outcomes
CO1	Describe the concept of brand loyalty.
CO2	Describe brand equity management models.
CO3	Evaluate & Comprehend brand coordinating strategy and tactics across markets.



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Programme	Semester	Course Name
B.A. (M.M.C)	V	Social Media Marketing

Sr. No	Course Outcomes
CO1	Apply practical skills and knowledge in leveraging social platforms for business.
CO2	Apply proficiency in creating and executing social media strategies, understanding audience engagement, measuring campaign effectiveness, and utilizing various platforms and tools.
CO3	Describe current trends, ethical considerations, and the ability to adapt strategies to different platforms and target audiences.
CO4	Evaluate brands, products, or services through social media channels.

Programme	Semester	Course Name
B.A. (M.M.C)	VI	Digital Media

Sr. No	Course Outcomes
CO1	Define an understanding of Digital Marketing platforms.
CO2	Describe campaign goals and stages of digital media.
CO3	Evaluate essential tools.
CO4	Apply skills for formulating plans.



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Programme	Semester	Course Name
B.A. (M.M.C)	VI	Ad design

Sr. No	Course Outcomes
CO1	Describe proficiency in conceptualizing, creating, and presenting effective advertising materials.
CO2	Describe design principles, typography, and color theory, applying them to produce visually compelling advertisements.
CO3	Apply skills in using graphic design software and analyzing target audiences for strategic ad placement.
CO4	Apply craft persuasive and aesthetically appealing advertisements for various mediums.

Programme	Semester	Course Name
B.A. (M.M.C)	VI	Advertising in contemporary society

Sr. No	Course Outcomes
CO1	Define the Advertising Environment in Contemporary Society.
CO2	Evaluate the Impact of Liberalization on the Indian Economy and Society.
CO3	analyze the advertising environments of different countries.





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Programme	Semester	Course Name
B.A. (M.M.C)	VI	Advertisement & Sales Promotion

Sr. No	Course Outcomes
CO1	Evaluate & Demonstrate a thorough understanding of major sales promotion concepts.
CO2	Define & Use a framework for effective sales promotion decision-making.
CO3	Apply the necessary skills and perspective for an effective sales promotion campaign.



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Programme	Semester	Course Name
B.A. (M.M.C)	VI	Entertainment & Media Marketing

Sr. No	Course Outcomes
CO1	Describe and interpret entertainment marketing frameworks and trends.
CO2	Apply marketing skills in areas like Radio Marketing, Social Media Marketing, etc., with the ability to solve relevant case studies.
CO3	Analyze media industry effectiveness and capabilities through industry analysis.
CO4	apply modern marketing skills and applications.



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Programme	Semester	Course Name
B.A. (M.M.C)	VI	TV Program Production

Sr. No	Course Outcomes
CO1	Develop practical skills in planning, producing, and editing television content.
CO2	Describe scriptwriting, camera operation, directing, and post-production techniques.
CO3	Describe technical aspects of TV production, including equipment usage and studio management.
CO4	Apply & be capable of creating a complete TV program, understanding the workflow involved, and having foundational knowledge of the television production industry.



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**B.A. (Film, Television and New Media Production) (B.A.FT & NMP)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.A. FT & NMP	I	Effective Communication Skills

Sr.No	Course Outcomes
CO1	Comprehend reading & writing skills, Editing & Summarizing, Oral Communication
CO2	Evaluate communication skills – verbal, Enhancing communication skills - nonverbal, Body type- posture- body language reading, Analyzing body language signals and meanings
CO3	Describe Gestures- expressions - facial language, eye contact, shake hands, sitting posture, Maintaining comfort distance from people, mirroring, Dressing sense, corporate dressing, formal, semi-formal, casual, dressing for various occasions & events
CO4	Describe Voice training, speech, clarity, grammar speed, volume, enunciation, pronunciation, ends of sentences, humour, pauses, Stress management, breathing pattern, mind psyching right attitude



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Programme	Semester	Course Name
B.A. FT & NMP	I	Introduction to History of Art/Storytelling through other forms of Art

Sr.No	Course Outcomes
CO1	Recognize the basics and genres of Music, dance and theatre.
CO2	Explain the basics of various acting schools and the art of drama.
CO3	Describe the evolution of visual techniques from painting to cinema.
CO4	Interpret relationship between music and dance in relation to Film making.



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Programme	Semester	Course Name
B.A. FT & NMP	I	Initiation to Literature & Creative Writing

Sr.No	Course Outcomes
CO1	Identify Basic tenets of Indian literature including regional literature.
CO2	Comprehend various forms of literature (Novel, Poetry, Drama, and Essay).
CO3	Describe creative writing.
CO4	Describe the structure of Story, poetry and drama.
CO5	Explain about writing for internet.



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Programme	Semester	Course Name
B.A. FT & NMP	I	Basics of Photography

S.No	Course Outcomes
CO1	Define the basics of art of Photography.
CO2	Describe the basic intricacies involved in taking a photograph.
CO3	Explain what makes a good picture.
CO4	Use basic photographic sense and knowledge.

Programme	Semester	Course Name
B.A. FT & NMP	I	Film Appreciation – Genres

S.No	Course Outcomes
CO1	Define Cinema and society, History of Cinema, Hollywood cinema, early cinema and film form the studio system, rise and decline of the studio system.
CO2	Describe History of Indian cinema, history of regional cinema, legends of Indian cinema, Hindi film industry, the Hindi film industry, music and choreography in Indian cinema, contemporary cinema



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Programme	Semester	Course Name
B.A. FT & NMP	I	Graphic Designing (Photoshop, Illustrator, etc.)

Sr. No	Course Outcomes
CO1	Define Colour psychology, Colour schemes, Colour wheel, Colour combination, Hue.
CO2	Describe 1-point perspective, 2-point perspective, 3-point perspective, Mixed perspective.
CO3	Comprehend Sketching & rendering, Light study, Photography.
CO4	Apply Texture creation, mixed media, Water/Pastel painting.
CO5	Use basic tools in Photoshop, Photo editing, Colour correction.



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Programme	Semester	Course Name
B.A. FT & NMP	II	Basics of Post Production

Sr. No	Course Outcomes
CO1	Describe Bird's-eye view of the modern process of editing, Setting Up for Editing Efficient editing habits to work faster, Thinking creatively. Efficient workflow, Configure factory standard systems, Optimal media management from ingest through to final output. Non Linear Editing Concepts Interface of NLE system, The Three-Point Edit, Additional Edits
CO2	Explain the working in the Timeline, Transitions, Key framing, Filters, Ingesting
CO3	Apply Compositing, Color Correction, Audio, Titling, Review and Look Forward



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Programme	Semester	Course Name
B.A. FT & NMP	II	History of Non- fiction Film

Sr. No	Course Outcomes
CO1	Comprehend with key periods in the history of non-fiction film and video from 1895 to the present.
CO2	Recognize and write about various forms and conventions of documentary storytelling, including the basic grammar of documentary moving images.
CO3	Describe the central questions surrounding the representation of reality and truth, including voice, authority, evidence and point of view.
CO4	Recognize key issues in the ethics of documentary representation, including maker-subject relationships, informed consent, fairness, and evidence.
CO5	Comprehend with efforts to create more democratic systems of media production and distribution.



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Programme	Semester	Course Name
B.A. FT & NMP	II	Writing for Visual Media

Sr.No	Course Outcomes
CO1	Explain the basic structure of screenplay
CO2	Describe the basic skills for screen writing
CO3	Interpret the intricacies of screen writing
CO4	Identify the build characters and write meaning full dialogues



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Programme	Semester	Course Name
B.A. FT & NMP	II	Importance of Sound and Sound SFX

Sr. No	Course Outcomes
CO1	Explain about the basic of sound.
CO2	Recognize the nature of sound and recording devices
CO3	Define the basics of sync sound, mixing console, analog v/s digital workflow
CO4	Describe the need for sound and importance of sound in film
CO5	Apply various techniques to record a song



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Programme	Semester	Course Name
B.A. FT & NMP	II	Basics of Cinematography-1

Sr. No	Course Outcomes
CO1	Define the importance of cinematography in film making
CO2	Describe the basic knowledge about lighting and its use
CO3	Identify various equipments required for various form of lighting
CO4	Describe the basics of various camera, lenses and digital cinematography

Programme	Semester	Course Name
B.A. FT & NMP	II	Practical Film Making 1 (Only non-fiction film)

Sr. No	Course Outcomes
CO1	Explain the film making process for multiple locations in non-fiction films
CO2	Describe the entire workflow
CO3	Interpret on various cameras and software used for production



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Programme	Semester	Course Name
B.A. FT & NMP	III	Introduction to Direction for Television

Sr.No	Course Outcomes
CO1	Explain the process of Direction for Television.
CO2	Describe the theoretical framework and practical approach to Direction.
CO3	Create Ads for various categories

Programme	Semester	Course Name
B.A. FT & NMP	III	Basics of Cinematography-2

Sr.No	Course Outcomes
CO1	Define the basic structure of film and digital camera
CO2	Describe the basic knowledge about lighting and its use
CO3	Identify various equipments required for various form of mood lighting
CO4	Define basics of various digital cameras, lenses and digital cinematography



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Programme	Semester	Course Name
B.A. FT & NMP	III	Understanding TV formats & Genres

Sr.No	Course Outcomes
CO1	Explain how television programming works
CO2	Describe about TRPs and drama creation
CO3	Identify the impact of niche programming
CO4	Explain about various genres of television programming

Programme	Semester	Course Name
B.A. FT & NMP	III	Concepts of Story Boarding

Sr.No	Course Outcomes
CO1	Describe the need for storyboarding
CO2	Define the fundamentals of shoot taking and division
CO3	Recognize various storyboarding techniques
CO4	Describe the importance of perspective and lighting while storyboarding



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Programme	Semester	Course Name
B.A. FT & NMP	III	Graphics and Post production (Flash, Editing software, After effects)

Sr.No	Course Outcomes
CO1	Define 2D animation, Vector and Raster Graphics.
CO2	Define animation in Flash, Advanced editing using Flash Elements in the film
CO3	Apply after Effects, The interface of After Effects
CO4	Use graphics and film, Key frames
CO5	Apply after effects and timeline, Animating using after effects, Compositing



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Programme	Semester	Course Name
B.A. FT & NMP	III	TV Production / Ad film making

Sr.No	Course Outcomes
CO1	Describe the process of 25 min Television series making.
CO2	Demonstrate the production pipeline of 25 min Television series making process.
CO3	Describe the entire workflow 25 min Television series making process
CO4	Compare various cameras and software used for production of 25 min Television series making.



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Programme	Semester	Course Name
B.A. FT & NMP	IV	Introduction to Direction for Film

Sr.No	Course Outcomes
CO1	Identify the need for direction in films
CO2	Use the role played by a director
CO3	Demonstrate the Qualities required to be a director
CO4	Explain how to manage creativity and creative team
CO5	Describe about drama and continuity for films
CO6	Define the details involve in the production of a feature films



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Programme	Semester	Course Name
B.A. FT & NMP	IV	Basics of Visual Communication/ Film Aesthetics

Sr.No	Course Outcomes
CO1	Define Aesthetics, Perception, Representation, Visual Rhetoric, Cognition, Semiotics, Reception Theory, Narrative, Media Aesthetics, Ethics, Visual Literacy, Cultural Studies

Programme	Semester	Course Name
B.A. FT & NMP	IV	Convergence and Basics of Web Designing

Sr.No	Course Outcomes
CO1	Define the Concept of Convergence, Internet Key Terms, New Media
CO2	Describe Web Designing, HTML programming, Basic Java Script, Designing your own website, uploading the website, links and navigation



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Programme	Semester	Course Name
B.A. FT & NMP	IV	Concepts of Post Production & Computer Graphics (including VFX)

Sr.No	Course Outcomes
CO1	Define the basics of visual effects
CO2	Explain the basic process of visual effects
CO3	Use GUI and CG
CO4	Describe the basics of 3D and creating real world in the digital world
CO5	Apply compositing and camera tracking
CO6	Apply the process of vfx and final rendering



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Programme	Semester	Course Name
B.A. FT & NMP	IV	Drama Production/ Writing for Visual Media-2

Sr.No	Course Outcomes
CO1	Compare a range of current short fiction films
CO2	Use Pitching fiction ideas to peers
CO3	Interpreting locations and production demands
CO4	Comprehend with a range of production skills.
CO5	Demonstrate work within a specific role



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Programme	Semester	Course Name
B.A. FT & NMP	IV	Intermediate Practical Film Making (Fiction Film)

Sr. No	Course Outcomes
CO1	Describe the production pipeline of film making process in advertisement film making
CO2	Explain the process of Advertisement Film (product as well as PSU) Corporate AV and In-depth Multiple Characters Single Multiple Location Short Film making
CO3	Identify the entire workflow in Advertisement Film (product as well as PSU) Corporate AV and In-depth Multiple Characters Single Multiple Location Short Film
CO4	Use various cameras and software used for production of Advertisement Film (product as well as PSU) Corporate AV and In-depth Multiple Characters Single Multiple Location Short Film



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<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>B.A. FT &amp; NMP</b>	<b>V</b>	<b>Laws related to Films, TV and Internet</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Identify the various laws pertaining to media
CO2	Explain the need and importance of Copyright
CO3	Describe about intellectual property rights
CO4	Recognize about media business ethics and issues pertaining to it



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Programme	Semester	Course Name
B.A. FT & NMP	V	New Media Theory and Practice (With advanced Web design and app making)

Sr. No	Course Outcomes
CO1	Define Web Designing – Adobe Dreamweaver, Designing a web page without the graphic user interface (HTML using notepad), Frames, Layers, Search Engine Optimization, HTML and DHTML
CO2	Use JavaScript, Embedding Java Applets, Using Activex Controls, Embedding Video and Audio into web pages, Streaming media, Using YouTube
CO3	Explain Creating Forms, Learning basic PHP and MYSQL, Creating Database and using it in the web design, Creating a website for Mobile phones, Creating a news site, creating a brochure site
CO4	Design a portal interface, using vernacular language in web sites, dynamic fonts, creating a vernacular medium website, New media and popular culture
CO5	Use Social networking, emerging identities, games as advanced new media, mobile journalism, and new media as a pedagogical tool.



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<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>B.A. FT &amp; NMP</b>	<b>V</b>	<b>Understanding Indian Contemporary Cinema</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Identify the changing trends in Hindi Popular cinema in terms of storytelling, performances technological and production aspects.
CO2	Describe Film Festivals as a mode of exhibition and the kind of films selected for such prestigious film festivals.
CO3	Hypothesize on the changing aesthetic trends of regional films, popular films and festival films.
CO4	Summarize at the emergence of digital media and internet being a source of exhibition for films.



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Programme	Semester	Course Name
B.A. FT & NMP	V	Introduction to Media Project Management

Sr. No	Course Outcomes
CO1	Describe about the basics involved in a media project management
CO2	Explain about the basic project production workflow and management
CO3	Describe about the role of a project manager
CO4	Summarize the details involving a new business project or proposal



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Programme	Semester	Course Name
B.A. FT & NMP	V	Basics of Marketing and Publicity

Sr. No	Course Outcomes
CO1	Define the basics of marketing and publicity design
CO2	Explain about the importance of marketing in today's world
CO3	Interpret the various tools needed for marketing and publicity design
CO4	Explain the marketing plan and market research
CO5	Describe about consumer consumption behavior



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Programme	Semester	Course Name
B.A. FT & NMP	V	Advanced Practical Film Making - Music Videos

Sr. No	Course Outcomes
CO1	Define the process of Music Video
CO2	Apply the production pipeline of Music Video
CO3	Summarize the entire workflow in Music Video making process
CO4	Identify various cameras and software used for production of Music Video



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**BACHELOR OF SCIENCE (B.Sc)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
BSc	I	Foundation Course

Sr. No.	Course Outcomes
CO1	Define the multi-cultural diversity of Indian society through its demographic composition
CO2	Describe the population distribution according to religion, caste, and gender. Understand the multi-cultural diversity of Indian society through its demographic composition
CO3	Comprehend the population distribution according to religion, caste, and gender. Understand the concept of disparity as arising out of stratification and inequality



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Programme	Semester	Course Name
	I	Chemistry - I

Sr. No.	Course Outcomes
CO1	Comprehend numerous thermodynamic terms and thermodynamic equations.
CO2	Describe concentration terms, to prepare solutions of different concentration and solve numerical based on various formula of chemical calculation.
CO3	Explain atomic structure by means of various theories and compare various theories of atomic model.
CO4	Summarize the periodic tables on the basis of properties and predict properties by using periodicity
CO5	Identify numerous organic compounds, applying IUPAC rules to write and draw structure of organic compounds.

Programme	Semester	Course Name
BSc	I	CHEMISTRY-II USCH102
Sr. No.	Course Outcomes	
CO1	Describe the equation for different rate law and ability to apply the concept for calculation of the half-life period and apply the equation for solving numerical.	
CO2	Explain the concept and properties of liquid state, define several terms and derive their equations and solve numerals.	
CO3	Analyze and compare various properties of main group elements.	
CO4	Identify some important compounds and their applications in various fields.	
CO5	Explain several projection formulas and apply this concept to draw stereo isomer of a given compound.	



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Programme	Semester	Course Name
BSc	I	Mathematics -I

Sr. No.	Course Outcomes
CO1	Describe how to set up and solve linear systems/linear inequalities graphically/geometrically and algebraically (using metrication and algebraically and will able to recognize concept behind it.
CO2	Student will be able to solve and analyse linear equations.

Programme	Semester	Course Name
B.Sc	I	Statistics - II

Sr. No.	Course Outcomes
CO1	Identify summary measures, correlation between two variables.
CO2	Apply these methods to real life situations, draw valid conclusions and write interpretations.
CO3	Design data collection plans and basic tools of descriptive statistics.



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Programme	Semester	Course Name
B.Sc	I	Plant Diversity (USBO101)

Sr. No.	Course Outcomes
CO 1	Summarize about the fascinating world of animals which would enhance their interest and love for the subject of Zoology.
CO2	Comprehend the treasure of Biodiversity, its importance and hence would contribute their best for its conservation.
CO3	Explain about their original crude ideas from the field of biological sciences



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Programme	Semester	Course Name
B.Sc	I	<b>INSTRUMENTATION and ANIMAL BIOTECHNOLOGY</b> <b>(USZO102)</b>

Sr. No.	Course Outcomes
CO 1	Describe how to work safely in the laboratory and avoid occurrence of accidents which will boost their scholastic performance and economy in use of materials/chemicals during practical sessions.
CO2	Explain about recent advances in biotechnology and their applications in various fields and that the young minds would be tuned to think out of the box.
CO3	Describe how to select and operate suitable instruments for the studies of different components of Zoology and also of higher classes including research.
CO4	Define the technologies, tools and techniques in the field of instrumentation and biotechnology.



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Programme	Semester	Course Name
B.Sc	II	CHEMISTRY-I USCH201

Sr. No.	Course Outcomes
CO1	Explain the chemistry of alkane and name reactions responsible for forming saturated compound.
CO2	Define numerous rules of elimination reactions and put on this rule to compare stability of various products. Chemistry of unsaturated organic molecules, its preparation and reactions.
CO3	Identify different types of reactions.
CO4	Explain about the acid-base concept and applying the concepts in reactions.
CO5	Describe the major gaseous theories, gaseous equations, gas laws and its deviations and applying this concepts to solve numerical based on gas theories.
CO6	Define several terms used to explain radiochemistry, thermodynamics in chemical equilibrium and arise derivation based on these concepts and solve numericals on these concepts.



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Programme	Semester	Course Name
B.Sc	II	CHEMISTRY-II USCH202

Sr. No	Course Outcomes
CO1	Define, understand and explain the concept of strong and weak electrolytes, ionization energy, derive equations and even calculating the dissociation constant.
CO2	Define radiation and matter, comment on different types and understand the principle of different types of spectroscopy.
CO3	Describe the types of chemical bond and predict shapes of molecules on the basis of VSEPR theory.
CO4	Explain the oxidation reduction chemistry .
CO5	Explain the Huckel's Rule of Aromaticity and apply the rule to predict whether the given compound is aromatic/non-aromatic/ antiaromatic.



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Programme	Semester	Course Name
B.Sc	II	Ecology and Wildlife Management (USZO201)

Sr. No.	Course Outcomes
CO 1	Describe the nature of animal population, specific factors affecting its growth and its impact on the population of other life forms.
CO2	Explain the concept of interdependence and interaction of physical, chemical and biological factors in the environment and will lead to better understanding about implications of loss of fauna specifically on human beings, erupting a spur of desire for conservation of all flora and fauna.
CO3	Choose career options in the field of wildlife conservation, research, photography and ecotourism.



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Programme	Semester	Course Name
B.Sc	II	NUTRITION, PUBLIC HEALTH AND HYGIENE (USZO202)

Sr. No.	Course Outcomes
CO 1	Explain the healthy dietary habits would be important in the lifestyle in order to prevent the risk of developing health hazards in the younger generation due to faulty eating habits.
CO2	Comprehend about balanced diet and essential nutrients of food at various stages of life
CO3	Describe the optimum conservation of water, encouragement for maintaining personal hygiene, optimum use of electronic gadgets, avoiding addiction, thus facilitating achievement of the goal of healthy lifestyle.
CO4	Identify blood related disorders and blood bank.
CO5	Recognize various diseases at initial stages and able to adopt relevant solutions



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Programme	Semester	Course Name
CHEMISTRY	III	CHEMISTRY-IIIUSCH301

Sr. No.	Course Outcomes
CO1	Explain how to Derive equation for Gibbs free energy and calculate various Thermodynamic parameters, understand thermodynamics of open system, explain the terms frugality.
CO2	Define basic terms of electrochemistry and conductance measurements, use equation of kahlrausch law, under applications of conductivity measurements and solve numerical problems.
CO3	Differentiate non directional and directional bonding and explain related terms , comprehend valance bond theory and Molecular Orbital theory for bonding, remember hybridization and construct MOT for various species of oxygen.
CO4	Describe the method of preparation, properties and chemical properties (reaction) of alcohol, phenol, epoxides
CO5	Explain the reactivity of halogenated hydrocarbos, and to write and differentiate between reaction mechanism involved.



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Programme	Semester	Course Name
B.Sc	III	CHEMISTRY-IIIUSCH302

Sr. No.	Course Outcomes
CO1	Summarize the steps involved in reaction mechanism and overall reaction mechanism with respect to chemical kinetics
CO2	Explain thermodynamics of ideal solution, understand partial immiscibility of liquids and define basic terms under polymer chemistry, draw structures of polymer and calculate Molecular weights of polymers.
CO3	Describe the chemistry of Boron and silicon compounds, draw their structure and explain preparation, write chemical reaction involved
CO4	Define chemistry of Nitrogen family with respect to trends in physical properties, chemical reactivity, structure, preparation of Nitrogen oxides.
CO5	Write IUPAC and common names of different Carbonyl compounds.
CO6	Create draw Structure, understand reactivity, methods of preparation of aldehydes and ketones, write mechanism of various name reactions involving aldehydes and ketones.



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Programme	Semester	Course Name
B.Sc	III	Maths-II

Sr. No.	Course Outcomes
CO1	Define mathematical proofs and reason abstractly in exploring properties of group.
CO2	Explain the principles, subtypes and different steps of classical method of analysis, explain types of gravimetric analysis and titrimetric analysis with example, explain their application.
CO3	Describe about working principle, Instrumentation and applications of single beam and Double beam spectrophotometer and colourimeter, understand qualitative and quantitative applications of these methods, ability to derive Beer's and Lambert's law.



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Programme	Semester	Course Name
B.Sc	III	Fundamentals of Genetics, Chromosomes and Heredity, Nucleic acid (USZO301)

Sr. No.	Course Outcomes
CO 1	Apply the principles of Mendelian inheritance and other forms of pattern of inheritance
CO2	Explain the concept of multiple alleles, linkage and crossing over
CO3	Describe the mechanisms of sex determination and the disorders related to sex chromosomes.
CO4	Define the structure, type and classification of chromosomes
CO5	Explain the importance of nucleic acids as genetic material.



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Programme	Semester	Course Name
B.Sc	III	Study of Nutrition and Excretion, Respiration and circulation, Control and coordination, Locomotion and Reproduction (USZO302)

Sr. No.	Course Outcomes
CO 1	Explain the increasing complexity of nutritional, excretory and osmoregulatory physiology in evolutionary hierarchy.
CO2	Interpret the habit and habitat with nutritional, excretory and osmoregulatory structures
CO3	Describe the increasing complexity of respiratory and circulatory physiology in evolutionary hierarchy.
CO4	Interpret or relate the habit and habitat with respiratory and circulatory structures
CO5	Explain the process of control and coordination by nervous and endocrine regulation.
CO6	Identify various locomotory structures found in the animal kingdom and will be acquainted with various reproductive strategies present in animals.



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Programme	Semester	Course Name
B.Sc	III	Ethology, Parasitology, Economic Zoology (USZO303)

Sr. No.	Course Outcomes
CO 1	Identify different types of animal behaviour and their role in biological adaptations.
CO2	Describe the feelings instrumental in social behaviour.
CO3	Explain the general epidemiological aspects of parasites that affect humans and apply simple preventive measures for the same.
CO4	Explain the modern techniques in animal husbandry.
CO5	Knowledge on animals useful to mankind and the means to make the most of it.



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Programme	Semester	Course Name
B.Sc	IV	CHEMISTRY-I USCH401

Sr.No.	Course Outcomes
CO1	Explain the various electrochemical conventions and thermodynamics of reversible cell.
CO2	Describe different types of phases and details about type of systems.
CO3	Identify occurrence, study of various properties like Magnetic properties, etc of transition metals.
CO4	Define basics, theories, nature of co-ordination compounds and its application.
CO5	Comprehend nomenclature, preparation and reactions of carboxylic acid and its derivatives
CO6	Describe nomenclature, preparation and reactions of sulphonic acids



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Programme	Semester	Course Name
B.Sc	IV	CHEMISTRY-II USCH402

Sr. No.	Course Outcomes
CO1	Identify types of crystals and determine its structure by various techniques.
CO2	Define basics of catalysis and its effect on reactions.
CO3	Explain basics of ions like cation and anion.
CO4	Describe the uses and environment chemistry of volatile oxides and oxo-acids.
CO5	Describe the nomenclature, preparation and reactions of nitrogen containing compounds.
CO6	Summarize classification, nomenclature, preparation and reactions of heterocyclic compounds.



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Programme	Semester	Course Name
CHEMISTRY	IV	CHEMISTRY-III USCH403

Sr. No	Course Outcomes
CO1	Explain various separation techniques in analytical chemistry based on different properties.
CO2	Describe the basics of solvent extraction and chromatography.
CO3	Explain the instruments based on electrochemical properties of analytes like potentiometry, pH metry, etc.
CO4	Describe the statistical method in chemical analysis and graphical representation of data.



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Programme	Semester	Course Name
B.Sc	IV	Origin and evolution of Life, Population genetics and evolution, Scientific Attitude methodology , writing and ethics (USZO401)

Sr. No.	Course Outcomes
CO 1	Recognize how life originated and evolved on our planet
CO2	Explain different theories of evolution
CO3	Identify genetic variability within a population and how the change in the gene pool leads to evolution of species
CO4	Compare microevolution, mega evolution and macroevolution.
CO5	Explain the forces that causes evolutionary changes
CO6	Describe scientific research and develop qualities such as critical thinking and analysis



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Programme	Semester	Course Name
B.Sc	IV	Cell Biology, Endomembrane System and Biomolecules (USZO402)

Sr. No.	Course Outcomes
CO 1	Define the transport mechanisms for maintenance and composition of cell
CO2	Describe the intricacy of endomembrane system.
CO3	Comprehend the interlinking of endomembrane system for functioning of cells.
CO4	Recognize the importance of biomolecules and their clinical significance.



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Programme	Semester	Course Name
Life Science	IV	Comparative Embryology, Aspects of Human Reproduction, Pollution and its effect on organisms (USZO403)

Sr. No.	Course Outcomes
CO 1	Compare the different pre-embryonic stages
CO2	Explain the functional aspects of extra embryonic membranes and classify the different types of placentae
CO3	Comprehend about human reproductive physiology
CO4	Summarize about the adverse effects of pollution and measures to control it.
CO5	Comprehend with advances in ART and related ethical issues



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Programme	Semester	Course Name
B.Sc.	V	PHYSICALCHEMISTRY

Sr. No.	Course Outcomes
CO1	Comprehend the fundamentals of Rotational, Vibrational and Raman Spectroscopy, apply principles of dipole moment to structure, and explain Comparison between IR and Raman Spectra.
CO2	Summarize the colligative properties, derive equation for changes in vapour pressure, boiling point, freezing point and osmotic pressure and calculate the changes in same using appropriate equations
CO3	Define basic terms of nuclear chemistry, understand and distinguish between nuclear fission and nuclear fusion, understand the use of radio isotopes.
CO4	Explain different types of adsorption, differentiate between physical and chemical adsorption, explicitly the principles of surface Chemistry, derive Langmuir adsorption, define basic terms of colloidal chemistry, explain the concept of electrical double layer.



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Programme	Semester	Course Name
B.Sc.	V	CHEMISTRY INORGANIC CHEMISTRY

Sr. No.	Course Outcomes
CO1	Define Symmetry elements and Symmetry operations and to explain Concept of a Point Group. Ability to apply Molecular Orbital Theory for heteronuclear diatomic molecules and polyatomic species
CO2	Define the term of solid state chemistry, derive relationship between density, radius of unit cell and lattice parameters, understand stoichiometric Point defects in solids and differentiate between their types, explain applications of superconductors
CO3	Describe the Chemistry of inner transition elements, their extraction and method of separation
CO4	Explain Chemistry of Non-aqueous Solvents, Group 16 elements and group 17 elements, interhalogen compounds.



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Programme	Semester	Course Name
B.Sc.	V	CHEMISTRY ORGANIC CHEMISTRY

Sr.No	Course Outcomes
CO1	Explain the reaction mechanism and its synthetic applications
CO2	Apply stereo chemical aspects to organic reactions and its effect in chemical behaviour
CO3	Apply novel methods of organic synthesis
CO4	Explain chemical nature of organometallic compounds and their applications
CO5	Describe photochemical reactions and their applications in green methods
CO6	Analyze the organic compounds by chemical test.



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Programme	Semester	Course Name
B.Sc.	V	CHEMISTRY- II ORGANIC CHEMISTRY

Sr. No.	Course Outcomes
CO1	Explain the basic Concepts of Quality, Quality Control and Quality Assurance
CO2	Calculate the conversion of various concentration units.
CO3	Explain purpose, significance and process of sampling and difficulties encountered in sampling.
CO4	Explain the titration curves for redox titration and complexometric titration.
CO5	Explain theory of indicator used in titration
CO6	Explain Principle, Instrumentation, working, application, advantages and limitations of few optical methods of analysis viz FES, AAS, Phosphorimetry, Fluorimetry, Nephelometry, Turbidimetry.
CO7	Describe the methods of separation viz solvent extraction, HPLC, and TLC. Ability to explain Comparison between HPLC and TLC



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Programme	Semester	Course Name
B.Sc.	V	<b>CHEMISTRY APPLIED CHEMISTRY</b>

Sr. No	Course Outcomes
CO1	Define characterize and classify drugs on the basis of their therapeutic action. To understand various Routes of Drug Administration and Dosage Forms and to define pharmacodynamics agents. and to study with respect to their chemical structure, chemical class, therapeutic uses, and side effects and to classify CNS drug
CO2	Analyze various of drug administration and dosage forms. Ability to define and explain mechanism of inflammation and various inflammatory condition of various drugs like Analgesics, Antipyretics and Antiinflammatory.
CO3	Explain dyes and dyestuff To define and classify natural and synthetic dye, based on applications and dyeing methods, based on applicability on substrates and their applications. Ability to apply the knowledge of various types of dyes used in dyeing industry Ability to provide all learners a complete insight about optical brighteners and its application in dyes industry.
CO4	Explain the unit process and Dye Intermediates and to describe theories of Colour and Chemical Constitution of Dyes.

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Programme	Semester	Course Name
B.Sc	V	PLANT DIVERSITY – IV (USBO 502)

Sr. No.	Course Outcomes
CO 1	Identify different fossil forms and understand their role in evolution
CO2	Describe the morphological and reproductive structures of seven families.
CO3	Identify and classify families according to Bentham and Hooker's system.
CO4	Explain the use of keys and identification manuals for identifying any unknown plants to species level.
CO5	Compare anomalies in internal stem structure with function



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Programme	Semester	Course Name
B.Sc	V	Form and function III

Sr. No.	Course Outcomes
CO 1	Explain various plant biomolecular structures and appreciate the structures, role, functions and applications of enzymes.
CO2	Comprehend the Nitrogen and plant hormone metabolism with applications of the same in agriculture and horticulture.
CO3	Define the principles of genetic mapping , mutations and solve problems based on them, gain knowledge of various metabolic disorders and their implications.
CO4	Analyze test hypotheses, make observations, collect data, analyse and interpret results, derive conclusions, and evaluate their significance within a broad scientific context, using suitable statistical techniques.



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Programme	Semester	Course Name
B.Sc	V	Applied Environmental Sciences (USACEVS501)

Sr. No.	Course Outcomes
CO 1	Comprehend the impact of the interrelationship between various components of the environment.
CO2	Apply the knowledge of pollutants to undertake research projects/studies.
CO3	Describe the value of the alternative energy resources and 4 R's (Reduce, Reuse, Recycle & Reinvent).
CO4	Identify and design products, operations or processes, which conserve the energy resources.
CO5	Apply creative skills during the designing, manufacturing and utilisation of chemical products, which would reduce or eliminate the use or generation of hazardous substances.



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Programme	Semester	Course Name
B.Sc	V	Taxonomy & Invertebrates USZO501

Sr. No.	Course Outcomes
CO 1	Explain the conceptual clarity with regard to the anatomy of animals at different levels.
CO2	Comprehend the evolutionary perspective of each level of organisation. Learners will know the importance of the significance and advantages of each level of organisation.
CO3	Identify the scientific classification of animals is based on certain characteristics they have in common.
CO4	Explain the characteristics, features and examples of each phylum. Students will be familiar with protozoan and helminth parasites
CO5	Explain the higher groups of invertebrate animal life and their classification



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Programme	Semester	Course Name
B.Sc	V	Hematology & Immunology USZO502

Sr. No.	Course Outcomes
CO 1	Define the fundamental concepts in haematology.
CO2	Comprehend with different terminologies and diagnostic tests performed in a pathological laboratory.
CO3	Decide for taking any further pathological course or working in a diagnostic laboratory.
CO4	Comprehend the types of immunity and the components of the immune system and realise the significant role of the immune system in giving resistance against diseases.
CO5	Describe immunology of organ transplantation and cancer treatment



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Programme	Semester	Course Name
B.Sc	VI	PHYSICAL CHEMISTRY

Sr.No.	Course Outcomes
CO1	Identify the different types of cell ,distinguish between them and Derive equation for various types of cell ,and solve numerical using the equation .
CO2	Explain the experimental method of determination of decomposition potential.
CO3	Define basic terms involved in polymer Chemistry, classify different types of polymers.
CO4	Explain viscosity method for determination of molar mass of polymer using Ostwald's Viscometer
CO5	Define basic terms , principles and Instrumentation of NMR Spectroscopy and ESR Spectroscopy.



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Programme	Semester	Course Name
B.Sc	VI	INORGANIC CHEMISTRY

Sr. No.	Course Outcomes
CO1	Explain the crystal field theory (CFT) on the metal ligand bond.
CO2	Explain the Molecular Orbital theory for Meta -Ligand bonding in coordination compounds, Construct ligand group orbitals, Sigma molecular orbitals for an ML6 complex
CO3	Define the Concepts of stability constant and reactivity of metal complex.
CO4	Explain basics of organometallic chemistry, learn metallocenes and explain their reactions.
CO5	Describe the applications of organometallic compounds as a catalysts.
CO6	Define basic terms of metallurgy and understand the steps involved in metallurgy.



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Programme	Semester	Course Name
B.Sc	VI	ORGANIC CHEMISTRY

Sr.No.	Course Outcomes
CO1	Explain the reactivity and reactions of heterocyclic compounds
CO2	Identify different catalyst and reagents in organic reactions
CO3	Explain the chemistry of natural products
CO4	Describe chemical nature of organometallic compounds and their applications
CO5	Apply spectroscopic techniques for organic compounds and interpretation of spectral data for structural elucidation.



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Programme	Semester	Course Name
B.Sc	VI	<b>ANALYTICAL CHEMISTRY</b>

Sr. No.	Course Outcomes
CO1	Explain basic principle of polarography , terms involved in DC polarogram , comprehend Qualitative and Quantitative aspects of polarography.
CO2	Create titration curves with example for amperometric titrations and state advantages and limitations.
CO3	Explain basic principle, Instrumentation, working, and application of gas chromatography and ion exchange chromatography and solve numerical problems.
CO4	Describe applications of different methods of analysis learned for the analysis of different food and cosmetic sample.
CO5	Evaluate different thermogram using different thermal methods.



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Programme	Semester	Course Name
B.Sc	VI	<b>CHEMISTRY APPLIED CHEMISTRY</b>

Sr. No.	Course Outcomes
CO1	Explain and introduce Drug Discovery, Design and Development and their uses. Ability to define and explain Drug Metabolism and Chemotherapeutic Agents and its application in medicinal field.
CO2	Analyze given types of Fibres and its preparation using different chemical method Ability to discuss design and develop Drug Intermediates, Anti-HIV Drugs, AntiNeoplastic Drugs, Antitubercular and Antileprotic Drugs and their uses as chemotherapeutic agents
CO3	Explain the classification of dyes based on the basis of applications and dyeing methods. To understand and apply Health and Environmental Hazards of Synthetic Dyes and their Remediation Processes.
CO4	Recognize the given type of dye and its classification of based on chemical constitution and synthesis of selected dyes Ability to explain and uses of Non-textile dyes, Pigments and Dyestuff Industry - Indian Perspective.



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Programme	Semester	Course Name
B.Sc	VI	PLANT DIVERSITY – IV

Sr. No.	Course Outcomes
CO 1	Describe the Botanical gardens, BSI to Angiosperm study and Provide plant description, describe the morphological and reproductive structures of seven families.
CO2	Describe a phylogenetic system of classification.
CO3	Comprehend the anatomical adaptations of different ecological plant groups.
CO4	Explain the development plant of male and female gametophytes, embryonic structure and development.
CO5	Explain the different aspects and importance of Biodiversity and utilise them for conservation of species so as to prevent further loss or extinction of Biodiversity and preserve the existing for future generations.



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(Affiliated to University of Mumbai)

NAAC 'B' GRADE | AN ISO 9001:2015 CERTIFIED COLLEGE

Programme	Semester	Course Name
B.Sc	VI	Form and function III 603

Sr. No.	Course Outcomes
CO 1	Explain various plant biomolecular structures and appreciate the structures, role, functions and applications of enzymes.
CO2	Interpret the Nitrogen and plant hormone metabolism with applications of the same in agriculture and horticulture.
CO3	Explain the principles of genetic mapping , mutations and solve problems based on them, gain knowledge of various metabolic disorders and their implications.
CO4	Analyze hypotheses, make observations, collect data, analyse and interpret results, derive conclusions, and evaluate their significance within a broad scientific context, using suitable statistical techniques.



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Programme	Semester	Course Name
B.Sc	VI	Taxonomy, Vertebrates & Type Study (Zoo 1)

Sr. No.	Course Outcomes
CO 1	Identify basic morphological and physiological details of minor phyla and protochordates.
CO2	Describe phylogeny will help to understand the evolutionary relationships between organisms
CO3	Identify classes of fish and amphibians by their anatomical features.
CO4	Explain the that scientific classification of animals is based on certain characteristics they have in common.
CO5	Describe vertebrate animal life and its classification.



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Programme	Semester	Course Name
Life Science	VI	Enzymology

Sr. No.	Course Outcomes
CO 1	Explain the basics of enzyme structure and function.
CO2	Comprehend variations in enzyme activity and kinetics.
CO3	Explain the concept of positive and negative feedback mechanisms.
CO4	Describe the well planned organisation of tissues and cells in the organ systems.
CO5	Recognize various infectious agents and diseases caused by them.



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Programme	Semester	Course Name
Life Science	VI	Environmental Management

Sr. No.	Course Outcomes
CO 1	Comprehend the treatment practices applied for domestic wastewater and industrial effluents.
CO2	Analyze the outcome of the framework of current biodiversity hotspots and biosphere reserves.
CO3	List the different aspects of wildlife photography and inspect the positive and negative aspects of it, and also be able to recommend how Wildlife photography can support biodiversity conservation.
CO4	Analyze the future challenges that ecotourism can generate for biodiversity conservation.



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**BACHELOR OF SCIENCE COMPUTER SCIENCE (B.Sc. CS)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.Sc. CS	I	LINUX Operating System

Sr. No	Course Outcomes
CO1	Knowledge to work with Work with Linux file system structure and Linux Environment
CO2	Apply shell commands for scripting, with features of regular expressions and redirections
CO3	Use editors such as vi, sed, and awk for shell scripting with different control structures
CO4	Create programs on Linux platforms using the C and Python programming languages



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Programme	Semester	Course Name
B.Sc. CS	I	Digital System and Architecture

Sr. No	Course Outcomes
CO1	Describe working principles of computer systems
CO2	Explain the basics of instruction set architecture for reduced and complex instruction sets.
CO3	Define the processor structure, operation and the basics of digital electronics needed for computers

Programme	Semester	Course Name
B.Sc. CS	I	Introduction to Programming with Python

Sr. No	Course Outcomes
CO1	Explain how to store, manipulate and access data in Python
CO2	Define basic Input / Output operations in Python.
CO3	Define the structure and components of a Python program
CO4	Apply the loops and decision statements in Python.
CO5	Explain how to write functions and pass arguments in Python



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Programme	Semester	Course Name
B.Sc. CS	I	Open Source Technologies

Sr. No	Course Outcomes
CO1	Describe Open Source, Proprietary software and Licensing.
CO2	Recognize the applications, benefits and features of Open-Source Technologies
CO3	Explain how to start and manage open-source projects

Programme	Semester	Course Name
B.Sc. CS	I	Discrete Mathematics

Sr. No	Course Outcomes
CO1	Define mathematical structures (relations, functions, graphs) and use them to model real life situations
CO2	Recognize the common communication protocols used in IoT, such as MQTT, CoAP, and HTTP.
CO3	Identify various sensors and actuators used in IoT devices



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Programme	Semester	Course Name
B.Sc. CS	I	Descriptive Statistics

Sr. No	Course Outcomes
CO1	Explain how to organize, manage and present data
CO2	Analyze Statistical data using measures of central tendency and dispersion.
CO3	Analyze Statistical data using basics techniques of R
CO4	Apply the different type of variables using techniques of correlation and regression

Programme	Semester	Course Name
B.Sc. CS	I	Soft Skills

Sr. No	Course Outcomes
CO1	Explain the importance and types of soft skills.
CO2	Identify the skills for Academic and Professional Presentations
CO3	Apply the Leadership Qualities and Ethics.
CO4	Describe the importance of stress management in their academic & professional life.



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Programme	Semester	Course Name
B.Sc. CS	II	Design & Analysis of Algorithms

Sr. No	Course Outcomes
CO1	Evaluate efficiency of the programs that they write based on performance of the algorithms used
CO2	Describe the uses of various data structures as per need.
CO3	Apply appropriate design principle by understanding the requirements of any real life problems.

Programme	Semester	Course Name
B.Sc. CS	II	Advanced Python Programming

Sr. No	Course Outcomes
CO1	Define OOP concepts in Python including Inheritance and Polymorphism.
CO2	Describe about work with files and perform operations on it using Python.
CO3	Use regular expression and concept of threads for developing efficient program
CO4	Explain about exception handling in Python applications for error handling.



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<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>B.Sc. CS</b>	<b>II</b>	<b>Introduction to OOPs using C++</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Explain numeric, character and textual data and arrays. Understand the importance of OOP approach over procedural language
CO2	Use the various programming concepts such as constructors, function and operator overloading.
CO3	Apply the concepts of OOPS like encapsulation, inheritance and polymorphism

<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>B.Sc. CS</b>	<b>II</b>	<b>Database Systems</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Define the importance of database design
CO2	Analyze database requirements and determine the entities involved in the system and their relationship to one another
CO3	Identify simple queries to MySQL related to String, Maths and Date Functions.
CO4	Create tables and insert/update/delete data, and query data in a relational DBMS using MySQL commands
CO5	Describe the normalization and its role in the database design process.



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Programme	Semester	Course Name
B.Sc. CS	II	Calculus

Sr. No	Course Outcomes
CO1	Develop mathematical skills and enhance thinking power of learners
CO2	Understand mathematical concepts like limit, continuity, derivative, integration of functions, partial derivatives
CO3	Appreciate real world applications which uses the learned concepts

Programme	Semester	Course Name
B.Sc. CS	II	Statistical Methods

Sr. No	Course Outcomes
CO1	Define the core concepts of E-Commerce
CO2	Explain the various online payment techniques
CO3	Comprehend with the core concepts of digital marketing and the role of digital marketing in business



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Programme	Semester	Course Name
B.Sc. CS	III	Principles of Operating System

Sr. No	Course Outcomes
CO1	Explain about how to Work with any type of operating system.
CO2	Summarize Handling threads, processes, process synchronization.
CO3	Explain the CPU scheduling algorithms.
CO4	Explain the background role of memory management
CO5	Describe the file system of operating systems.

Programme	Semester	Course Name
B.Sc. CS	III	Linear Algebra

Sr. No	Course Outcomes
CO1	Summarize the relevance and applications of Linear Algebra in the field of Computer Science.
CO2	Recognize the concepts through program implementation.
CO3	Explain the computational thinking while learning linear algebra.
CO4	Explain the concept of a solution to a system of equations



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Programme	Semester	Course Name
B.Sc. CS	III	Data Structures

Sr. No	Course Outcomes
CO1	Explain about different types of data structures
CO2	Describe the data structure to be used based on the type of the problem.
CO3	Apply combined knowledge of algorithms and data structures to write programs for simple applications.

Programme	Semester	Course Name
B.Sc. CS	III	Advanced Database Concepts

Sr. No	Course Outcomes
CO1	Summarize the concepts of stored procedure, functions, cursors and triggers and its use
CO2	Learning about using PL/SQL for data management.
CO3	Knowledge to Use efficiently Collections and records.
CO4	Understanding the concepts and implementations of transaction management and crash recovery



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Programme	Semester	Course Name
B.Sc. CS	III	Java based Application Development

Sr. No	Course Outcomes
CO1	Design basic application in java using Graphical User Interface.
CO2	Create the applications using swings.
CO3	Create web based applications using servlet and jsp
CO4	Explain how to perform programs using JSON objects.

Programme	Semester	Course Name
B.Sc. CS	III	Web Technologies

Sr. No	Course Outcomes
CO1	Design valid, well-formed, scalable, and meaningful pages using emerging technologies
CO2	Describe the client-side and server-side scripting language programs
CO3	Summarize about Database Driven Websites.
CO4	Apply XML for data and document centric applications



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Programme	Semester	Course Name
B.Sc. CS	IV	Theory of Computation

Sr. No	Course Outcomes
CO1	Define the Grammar and Languages in theory of computation.
CO2	Explain Automata theory and its application in Language Design
CO3	Describe the Turing Machines and Pushdown Automata
CO4	Explain about Linear Bound Automata and its applications

Programme	Semester	Course Name
B.Sc. CS	IV	Computer Networks

Sr. No	Course Outcomes
CO1	Summarize basic networking concepts and layered architecture.
CO2	Explain the concepts of networking and it's protocol architecture.
CO3	Describe the concepts of usage of IP address and tools used for computer networking



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Programme	Semester	Course Name
B.Sc. CS	IV	Software Engineering

Sr. No	Course Outcomes
CO1	Describe a software engineering process life cycles.
CO2	Analyze and translate a specification into a design, and then realize that design practically, using an appropriate software engineering methodology
CO3	Explain about how to develop the code from the design and effectively apply relevant standards and perform testing, and quality management and practice
CO4	Use modern engineering tools necessary for software project management, time management and software reuse

Programme	Semester	Course Name
B.Sc. CS	IV	IoT Technologies

Sr. No	Course Outcomes
CO1	Explain the basic concepts of SoC and IoT technologies
CO2	Summarize the common communication protocols used in IoT, such as MQTT, CoAP, and HTTP
CO3	Describe various sensors and actuators used in IoT devices.



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Programme	Semester	Course Name
B.Sc. CS	IV	Android Application Development

Sr. No	Course Outcomes
CO1	Design mobile applications using Kotlin language on Android Install and configure Android Studio for application development
CO2	Interpret the concepts of Kotlin required for mobile application development
CO3	Use built-in widgets and components, work with the database to store data

Programme	Semester	Course Name
B.Sc. CS	IV	Advanced Application Development

Sr. No	Course Outcomes
CO1	Explain how to Store the data in NoSQL, document-oriented MongoDB database that brings performance and scalability
CO2	Use Node.js and Express Framework for building fast, scalable network applications
CO3	Use AngularJS framework that offers declarative, two-way data binding for web applications
CO4	Create mobile applications using Flutter
CO5	Explain about the front-end and back-end components of the MEAN stack



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Programme	Semester	Course Name
B.Sc. CS	IV	Research Methodology

Sr.No	Course Outcomes
CO1	Define research, formulate problem and describe the research process and research methods
CO2	Apply basic research methods including research design, data analysis and interpretation
CO3	Describe the ethical issues in research, write research report, and research paper

Programme	Semester	Course Name
B.Sc. CS	V	Artificial Intelligence

Sr. No	Course Outcomes
CO1	Explain basic concepts of AI and machine learning
CO2	Comprehend with different learning algorithms and models used in machine learning
CO3	Use different search algorithms for solving problems



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Programme	Semester	Course Name
B.Sc. CS	V	Operations Research

Sr. No	Course Outcomes
CO1	Explain the key concepts and features of Operations Research.
CO2	Apply duality concepts for analyzing the results of linear programming models.
CO3	Apply various concepts such as goal programming, transportation problems and assignment problems in a practical way.

Programme	Semester	Course Name
B.Sc. CS	V	Software Testing and Quality Assurance

Sr. No	Course Outcomes
CO1	Explain about various software testing methods and strategies
CO2	Recognize a variety of software metrics, and identify defects and managing those defects for improvement in quality for given software
CO3	Design SQA activities, SQA strategy, formal technical review report for software quality control and assurance



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Programme	Semester	Course Name
B.Sc. CS	V	Information and Network Security

Sr.No	Course Outcomes
CO1	Comprehend with the principles and practices of cryptographic techniques.
CO2	Define variety of generic security threats and vulnerabilities.
CO3	Identify the particular security problems for a given application
CO4	Describe about various protocols for network security to protect against the threats in a network

Programme	Semester	Course Name
B.Sc. CS	V	Cyber Forensics

Sr. No	Course Outcomes
CO1	Define the principles and techniques used in computer forensics investigations.
CO2	Use specialized tools and software for conducting effective computer forensics analysis.
CO3	Analyze network related incidents, including live acquisitions and network forensics.



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Programme	Semester	Course Name
B.Sc. CS	VI	Cyber Laws and IPR

Sr. No	Course Outcomes
CO1	Explain the basics of cyber laws and their application in the digital age.
CO2	Explain various concepts such as cyber crimes, enforcement mechanisms.
CO3	Recognize intellectual property rights and online regulations, including copyrights, patents and domain name disputes.

Programme	Semester	Course Name
B.Sc. CS	VI	Cloud Computing and Web Services

Sr. No	Course Outcomes
CO1	Summarize the main concepts, key technologies, strengths, and limitations of cloud computing
CO2	Explain about an applications for state-of-the-art cloud computing using open source technology.
CO3	Identify the architecture and infrastructure of cloud computing, including SaaS, PaaS, IaaS, public cloud, private cloud, hybrid cloud, etc



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Programme	Semester	Course Name
B.Sc. CS	VI	Information Retrieval

Sr. No	Course Outcomes
CO1	Explain about the field of information retrieval and its relationship to search engines.
CO2	Describe about various searching methods such as Personalized search , content based search , etc.
CO3	Define different web search engines.

Programme	Semester	Course Name
B.Sc. CS	VI	Ethical Hacking

Sr. No	Course Outcomes
CO1	Explain about plan and prepare for all stages of an investigation - detection, initial response and management interaction
CO2	Describe how to investigate various media to collect evidence, report them in a way that would be acceptable in the court of law
CO3	Explain the different tools to analyze the cyber forensic techniques.



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Programme	Semester	Course Name
B.Sc. CS	VI	Data Science

Sr. No	Course Outcomes
CO1	Define data science, it's applications and tools used in data science.
CO2	Use Mongo DB tool to analyze various data sets.
CO3	Define the suitable statistical method to be adopted for data processing



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**BACHELOR OF SCIENCE INFORMATION TECHNOLOGY (B. Sc. IT)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.Sc. IT	I	Programming Principles with C

Sr.No	Course Outcomes
CO1	Learn the basic principles of programming
CO2	Develop logic using algorithm and flowchart
CO3	Acquire the information about data types
CO4	Understand input and output functions
CO5	Enhance advanced concepts using program

Programme	Semester	Course Name
B.Sc. IT	I	Digital Logic and Applications

Sr. No	Course Outcomes
CO1	Apply number conversion techniques in real digital systems
CO2	Solve boolean algebra expressions
CO3	Derive and design logic circuits by applying minimization in SOP and POS forms
CO4	Design Combinational and Sequential circuits
CO5	Understand and digital applications



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Programme	Semester	Course Name
B.Sc. IT	I	Fundamentals of Database Management Systems

Sr. No	Course Outcomes
CO1	Define and describe the fundamental elements of relational database management system
CO2	Analyze the relation of basic concepts of relational data model, entity-relationship model, relational database design, relational algebra and SQL
CO3	Design ER-models to represent simple database application scenarios
CO4	Improve the database design by normalization. and security.
CO5	Transform the ER-model to relational tables, populate relational database and formulate SQL queries on data



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Programme	Semester	Course Name
B.Sc. IT	I	Computational Logic and Discrete Structures

Sr. No	Course Outcomes
CO1	Use logical notation
CO2	Perform logical proofs
CO3	Apply recursive functions and solve recurrence relations
CO4	Use graphs and trees
CO5	Apply basic and advanced principles of counting

Programme	Semester	Course Name
B.Sc. IT	I	Technical Communication Skills

Sr. No	Course Outcomes
CO1	Analyze, synthesize and utilize the process and strategies from delivery to solving communication problem
CO2	Learn the communication methodologies at workplace and learning about importance of team collaboration
CO3	Learn about different technical communication such as presentations and interviews
CO4	Understand and apply the art of written communication in writing reports, proposals



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Programme	Semester	Course Name
B.Sc. IT	II	Object Oriented Programming with C++

Sr. No	Course Outcomes
CO1	Explain the concept of OOPs, feature of C++ language.2
CO2	Apply various types of Datatypes, Operators, Conversions while designing the program.
CO3	Apply the concepts of Classes & Objects, friend function, constructors & destructors in program design
CO4	Design & implement various forms of inheritance, String class, calling base class constructors
CO5	Apply & Analyze operator overloading, runtime polymorphism, Generic Programming



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Programme	Semester	Course Name
B.Sc. IT	II	Fundamentals of Micro Processor and Microcontrollers

Sr.No	Course Outcomes
CO1	Explain the basic concepts of Micro Computer Systems
CO2	Describe the architecture and hardware aspects of 8085
CO3	write assembly language programs in 8085
CO4	Design elementary aspects of Micro Controller based systems

Programme	Semester	Course Name
B.Sc. IT	II	Web Applications ment

Sr.No	Course Outcomes
CO1	Analyze working of Internet.
CO2	Gain an insight into designing web pages.
CO3	Implement basic and complex functionalities of JavaScript in a web page.
CO4	Use different ways of styling web pages using CSS



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Programme	Semester	Course Name
B.Sc. IT	II	Numerical Methods

Sr.No	Course Outcomes
CO1	Understand numerical techniques to find the roots of non-linear equations and solution of system of linear equations.
CO2	Understand the difference operators and the use of interpolation.
CO3	Understand numerical differentiation and integration and numerical solutions of ordinary and partial differential equations.

Programme	Semester	Course Name
B.Sc. IT	II	Green IT

Sr. No	Course Outcomes
CO1	Understand the concept of Green IT and problems related to it.
CO2	Know different standards for Green IT.
CO3	Understand the how power usage can be minimized in Technology.
CO4	Learn about how the way of work is changing.



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Programme	Semester	Course Name
B.Sc. IT	III	Python Programming

Sr. No	Course Outcomes
CO1	Define and demonstrate the use of built-in data structures "lists" and "dictionary".
CO2	Design and implement a program to solve a real world problem.
CO3	Create database connectivity in python programming language.
CO4	Design and implement GUI application and how to handle exceptions and files.

Programme	Semester	Course Name
B.Sc. IT	III	Data Structures

Sr. No	Course Outcomes
CO1	Choose the appropriate data structure for modeling a given problem.
CO2	Understand and implement various data structures along with their application.



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Programme	Semester	Course Name
B.Sc. IT	III	Computer Networks

Sr.No	Course Outcomes
CO1	Demonstrate an understanding of the TCP/IP model.
CO2	Understand and configure IP addresses.
CO3	Analyze data traffic on TCP/IP networks.
CO4	Apply knowledge of TCP/IP in building LAN.

Programme	Semester	Course Name
B.Sc. IT	III	Database Management Systems

Sr.No	Course Outcomes
CO1	Demonstrate an understanding of the relational data model.
CO2	Transform an information model into a relational database schema and to use a data definition language and/or utilities to implement the schema using a DBMS.
CO3	Formulate, using relational algebra, solutions to a broad range of query problems
CO4	Formulate, using SQL, solutions to a broad range of query and data update problems.



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Programme	Semester	Course Name
B.Sc. IT	III	Applied Mathematics

Sr.No	Course Outcomes
CO1	Upon completion of degree requirements, graduates from the Applied Mathematics program will be able to demonstrate skills and proficiencies that are highly appealing to employers across industries.
CO2	Problem-Solving and Analytical Thinking: Recognize problems with mathematical solutions from across disciplines.

Programme	Semester	Course Name
B.Sc. IT	IV	Core Java

Sr.No	Course Outcomes
CO1	Compute desktop applications.
CO2	Comprehend how java is important for any software applications and its ment.
CO3	Implement object oriented programming in JAVA.



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Programme	Semester	Course Name
B.Sc. IT	IV	Introduction to Embedded Systems

Sr.No	Course Outcomes
CO1	Maintain applications written using Embedded C.
CO2	Understand the interfacing of software and hardware components.
CO3	Knowing computer on chips and its functions.

Programme	Semester	Course Name
B.Sc. IT	IV	Computer Oriented Statistical Techniques

Sr.No	Course Outcomes
CO1	Obtain an intuitive and working understanding of numerical methods for the basic problems of numerical analysis.
CO2	Implementation of numerical methods using a computer.
CO3	Trace error in these methods and analyzing and predicting it.



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Programme	Semester	Course Name
B.Sc. IT	IV	Software Engineering

Sr. No	Course Outcomes
CO1	Create high-quality, reliable, and maintainable software
CO2	Realize how software ment is the core of IT field.
CO3	Analyzing different software and its significance

Programme	Semester	Course Name
B.Sc. IT	IV	Computer Graphics and Animation

Sr. No	Course Outcomes
CO1	Introduction to fundamental concepts and theory of computer graphics.
CO2	Emphasis on conceptualization, creativity, and visual aesthetics.



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Programme	Semester	Course Name
B.Sc. IT	V	Artificial Intelligence
Sr.No	Course Outcomes	
CO1	Understand AI concepts used to solutions that mimic human like thought process on deterministic machines for real-world problems.	
CO2	Analyze and evaluate whether a problem can be solved using AI techniques and analyze the same using basic concepts of AI.	
CO3	Understand the fundamental concepts of Neural Networks, different neural network architectures, algorithms, applications and their limitations.	
CO4	Apply Fuzzy Logic, the concept of fuzziness and fuzzy set theory in various systems.	
CO5	Apply Genetic Algorithms in problems with self-learning situations that seek global optimum.	
CO6	Create solutions to real-world problems using Neural Network, Genetic Algorithms, Fuzzy Logic or their Hybrid systems.	



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Programme	Semester	Course Name
B.Sc. IT	V	Enterprise Java

Sr. No	Course Outcomes
CO1	Understand the basic concepts of EJ. Identify different technologies used in EJ.
CO2	Understand and implement the Servlet applications with Cookies and Sessions.
CO3	Understand and implement JSP applications.

Programme	Semester	Course Name
B.Sc. IT	V	Software Project management

Sr. No	Course Outcomes
CO1	Articulate similarities and differences between IT projects and other types of projects.
CO2	Justify an IT project by establishing a business case a project charter
CO3	a work breakdown structure for an IT project



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Programme	Semester	Course Name
B.Sc. IT	V	Advanced Web Programming

Sr. No	Course Outcomes
CO	Web applications that use three-tier architecture, session management, object-oriented techniques, and advance database interactions.
CO2	Explain concepts such as advanced CSS concepts, rich interactive Web environments, authentication, and security will also be explored

Programme	Semester	Course Name
B.Sc. IT	V	Internet of Things

Sr. No	Course Outcomes
CO1	Understand principles, concepts, and technologies for internet of things.
CO2	Able to build physical and logical design of Internet of Things systems.
CO3	Understand cloud platforms for Internet of Things.



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Programme	Semester	Course Name
B.Sc. IT	VI	Software quality assurance

Sr. No	Course Outcomes
CO1	Understand quality management processes.
CO2	Distinguish between the various activities of quality assurance, quality planning and quality control.
CO3	Understand the importance of standards in the quality management process and their impact on the final product

Programme	Semester	Course Name
B.Sc. IT	VI	Security in computing

Sr. No	Course Outcomes
CO1	Protect computer systems and networks from cyber attacks.
CO2	Understanding cloud computing and its applications.
CO3	Realizing how security is important for cloud storage systems.

Programme	Semester	Course Name
B.Sc. IT	VI	Business intelligence

Sr.No	Course Outcomes
CO1	Support better business decision making.
CO2	Overview of the technology of BI.
CO3	Application of BI to an organization's strategies and goals.



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Programme	Semester	Course Name
B.Sc. IT	VI	Principles of geographic information systems

Sr.No	Course Outcomes
CO1	Manage and Analyze data from a geographic location.
CO2	Knowing the working and implementation of advanced geographical sensing.

Programme	Semester	Course Name
B.Sc. IT	VI	Cyber Laws

Sr.No	Course Outcomes
CO1	Make Learner Conversant With The Social And Intellectual Property Issues Emerging From 'Cyberspace.
CO2	Explore The Legal And Policy ments In Various Countries to Regulate Cyberspace.
CO3	Understand Relationship Between Commerce and Cyberspace.



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**BACHELOR OF COMMERCE (B.Com)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.Com	I	Accountancy and Financial Management-I

Sr. No.	Course Outcomes
CO1	Describe how to prepare manufacturing final account and departmental final account.
CO2	Define about capital expenditure, revenue expenditure and deferred revenue expenditure.
CO3	Describe stock ledger account such as FIFO and WEIGHTED method
CO4	Describe how prepare hire purchase.



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Programme	Semester	Course Name
B.Com	I	Foundation course

Sr. No.	Course Outcomes
CO1	Define Indian society such as castism, religion wise composition, gender Inequality, etc.
CO2	Describe details about Indian constitution such as basic features of Indian constitution, parliament, Chief justice of India, Fundamental Rights and duties etc.
CO3	Describe the nature of intergroup conflicts and the ways to resolve them.
CO4	Define scientific temperament and inculcate values of tolerance, peace and communal harmony to strengthen social fabric of Indian society.

Programme	Semester	Course Name
B.Com	I	Economics

Sr. No.	Course Outcomes
CO1	Describe the scope and importance of business economics such as basic- tools, basic economic relation and concepts of revenue.
CO2	analyse demand function, demand estimation and demand forecasting.
CO3	Analyze supply and production function such as short run and long run production function



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Programme	Semester	Course Name
B.Com	I	Commerce

Sr. No.	Course Outcomes
CO1	Describe the concept and impact of (LPG) Liberalisation, Privatisation and Globalisation on Indian Economy.
CO2	Analyse the concept of business environment and International current trends in the world.
CO3	Define project planning, Feasibility Studies, Project Reports, Statutory requirements of documents legal provisions, etc
CO4	Describe their skills and knowledge as entrepreneurs, managers, innovators find opportunities and professionalism and assuming the risks and rewards also competencies, communication skills in the world of business



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Programme	Semester	Course Name
B.Com	I	Environment

Sr. No.	Course Outcomes
CO1	Describe an environmental awareness among commerce students.
CO2	Describe the importance of environment and man- environment relationship and will understand different ecosystems, functions and structures.
CO3	Define types and classification of natural resources and sustainable development and problems associated with management of resources
CO4	Describe the types and classification of natural resources and sustainable development and problems associated with management of resources
CO5	Analyze how Population explosion problems and measures and human develop index.
CO6	analyse Urbanization and environmental problems and emergence of smart cities and safe cities.
CO7	Describe thematic maps and will be able to fill the map using point, line and polygon segments



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Programme	Semester	Course Name
B.Com	I	Business Communication

Sr. No.	Course Outcomes
CO1	Define basic concept of communication and modes of communication.
CO2	Describe effective communication at the work place, due to exposure given to them of various methods and platforms of communication, and Learner understand the value of ethics as an integral part of every business organization
CO3	Analyze the capability of erasing physical, physiological and psychological barriers to communicate effectively and Learner is capable of recognizing the art of active listening in everyday communication.
CO4	Describe the format of writing business letters (Statement of Purpose, Letter of Recommendation, Letter of Acceptance of Job offer, Letter of Resignation and Letter of Appreciation) which is integral part of effective communication in most organizations.
CO5	Describe the commercial terms used in Business Communication, helps the learner to enhance his communication skills and an exposure in writing skills enables the learner to write in a clear, concise, persuasive and descriptive manner.



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Programme	Semester	Course Name
B.Com	I	Mathematics

Sr. No.	Course Outcomes
CO1	Define the characteristics of different financial assets such as shares and mutual funds and how to buy and sell these assets in financial markets.
CO2	Analyze & enumerate the number of arrangements(permutations(combinations) that can be performed from a given number of objects, convert real life problems into mathematical form and get the optimum solution using linear programming
CO3	Describe & Develop an understanding of the various averages and measures of dispersion to describe statistical data
CO4	Describe & predict the occurrence or non-occurrence of an event or more than one event in real life applications, Calculate the expected value of a random variable.
CO5	Define best decision using actions based on various states of nature



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Programme	Semester	Course Name
B.Com	II	Accountancy and Financial Management-I

Sr. No.	Course Outcomes
CO1	Describe the final account of Proprietary Trading Concern which does not maintain complete and proper record of all accounting transactions.
CO2	Define & understand the concept, accounting treatment of consignment transaction and find out commission of consignee and Profit or Loss to consignor
CO3	Analyze t profit or loss of dependent branch and learn different methods of accounting such as Debtors method and Stock and Debtors method.
CO4	Analyze loss of stock by fire and ascertain the amount of claim as per the insurance policy



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Programme	Semester	Course Name
B.Com	II	Business Economics

Sr. No.	Course Outcomes
CO1	analyse product pricing under a competitive market and monopoly.
CO2	Describe pricing and output decisions under imperfect competition.
CO3	Describe pricing methods used in the business world.
CO4	Define & interpret various methods of evaluating capital projects.

Programme	Semester	Course Name
B.Com	II	Commerce

Sr. No.	Course Outcomes
CO1	Describe the importance of service sector in the economic growth of nation through process of service delivery.
CO2	Evaluate the nature of marketing research and service development cycle and also find out demand capacity, strategies, opportunities and challenges in the service sector in India and Abroad, global context as well as FDI in retailing



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Programme	Semester	Course Name
B.Com	II	Environmental studies

Sr. No.	Course Outcomes
CO1	Describe the classification of solid wastes and its sources and will learn solid waste management.
CO2	Describe environmental problems associate with agriculture and industrial development, and also sustainable practices to overcome the same
CO3	Define types, nature, scope and importance of tourism and its potential to develop in India and its positive and negative impacts.
CO4	Anayse & create and insight into various environmental issues at various Levels and environmental movements towards making environment sustainable.
CO5	Analyze environmentally significant features in maps of Mumbai and Konkan.



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Programme	Semester	Course Name
B.Com	II	Business communication

Sr. No.	Course Outcomes
CO1	Describe the interview techniques help the learner to cultivate 21st century skills of effectively presenting himself for interviews
CO2	Describe the Process of organizing meetings, conferences, exposes the learner to leadership skills with effective communication
CO3	Describe the handling Public Relations in an effective way, helps the learner to manage company's public reputation which helps to gain the trust of stake holders.
CO4	Describe Business writing skills, letter writing skills in the industry to address grave matters, complaints, RTI and the skill of writing reports and business pr



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Programme	Semester	Course Name
B.Com	II	Foundation course II

Sr. No.	Course Outcomes
CO1	Define economic concept like liberalization, privatization, globalization and impact of globalization on various sectors of Indian economy. It also covers impact of information and communication (ICT) on everyday life.
CO2	Describe The concept of origin and evolution of Human Rights along with Universal Declaration of Human Rights is absorbed by learner. There is special mention for Fundamental Rights stated by Indian Constitution. This will help them to be a good and responsible citizen of the country.
CO3	Analyze & sensitizes Learners towards environment and its degradation. It also emphasizes on Sustainable Development. This will help learner to preserve environment for present and future needs.
CO4	Describe various aspects of individual development such as agents of socialization, significance of values, ethics and prejudices etc. Also, helping students to understand reasons of stress and techniques of stress management. This will help them in personality development.



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Programme	Semester	Course Name
B.Com	II	MATHEMATICAL AND STATISTICAL TECHNIQUES

Sr. No.	Course Outcomes
CO1	Describe how to convert real life problem into mathematical form using functions, derivatives and its applications in economics.
CO2	Describe & understand the effects of interest on saving and loans, learn to calculate simple interest, compound interest, present and future value of an annuity and equated monthly instalments.
CO3	Define measure the existence, direction and degree of the relationship between two linear related variables graphically and a linear model (equation of a line) that can be developed to predict a value for one variable given a value of the other variable.
CO4	Describe how to use statistical techniques to analyse the trends and tendencies through time and their use in forecasting using linear models, explain the construction and application of index numbers to real life situations



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Programme	Semester	Course Name
B.Com	III	Financial Accounting and Auditing-V (Management Accounting)

Sr. No.	Course Outcomes
CO1	Define the concept, function and Scope of Management Accounting Apply it in facilitating decision making.
CO2	Define & study and prepare financial statement in vertical form suitable for analysis and to analyse financial statement using different tools of analysis.
CO3	analyse financial statement by using various ratios and interpret the results of the ratios.
CO4	Describe the concept and types of working capital and to determine the required amount of working capital.
CO5	Analyze & formulate the estimated period of completion and Profitability of long-term investment and equip with various techniques of capital budgeting decisions.



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Programme	Semester	Course Name
B.Com	III	Accountancy & Financial Management -III

Sr. No.	Course Outcomes
CO1	Evaluate & differentiate the concept of admission, retirement and death of a partner and prepare partnership final accounts.
CO2	Define the concept of piecemeal distribution, settlement of liabilities and different method of distribution i.e. Proportionate Capital and Excess Capital Method.
CO3	Define & calculate Purchase Consideration in case of amalgamation of firms.
CO4	Describe the concept of conversion of partnership firm into Ltd companies.



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Programme	Semester	Course Name
B.Com	III	Commerce-III

Sr. No.	Course Outcomes
CO1	Describe the concept, nature, functions managerial skills and competencies in the field of management as also the evolutionary and modern management approach in the 21st century in India.
CO2	Analyse the importance of coordination, MBO, MBE, MIS and also the techniques of decision making in the field of management.
CO3	Evaluate organization as a structure and process, the bases of departmentation, span of management and delegation of authority in the organization in India.
CO4	Apply his skills and knowledge through direction and controlling motivation, communication and leadership qualities in the organization or the company in India.



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Programme	Semester	Course Name
B.Com	III	Business Economics III

Sr. No.	Course Outcomes
CO1	Describe the basic analytical tools of macroeconomics to evaluate macroeconomic conditions such as inflation, unemployment and growth.
CO2	Describe provide a clear explanation of many aspects of aggregate economic variables to inspire a consistent way of thinking about key macroeconomic phenomena.
CO3	Describe the commerce students with basic concepts of macroeconomics and with certain common features of economic occurrence in the real world.



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Programme	Semester	Course Name
B.Com	III	Foundation Course- Contemporise Issue -III

Sr. No.	Course Outcomes
CO1	Describe the unravelling the importance of human rights
CO2	Describe the hreats to environment Dealing with disaster
CO3	It traces the development of science and technology
CO4	Describe Vital issues like affordable health facility



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Programme	Semester	Course Name
B.Com	III	Business Law-I

Sr. No.	Course Outcomes
CO1	Describe the essential legal rules of Contract Act.
CO2	Define the concept of performance, discharge and remedies of breach of contract.
CO3	Describe various types of special contract and the rights and duties of the parties.
CO4	Describe all conditions and warranties of Sale of Goods Act.
CO5	Apply Negotiable Instrument Act in practical life.



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Programme	Semester	Course Name
B.Com	III	Computer Programming

Sr. No.	Course Outcomes
CO1	Describe the basic evolution of computers.
CO2	Define software and its need and logic using algorithm and flowchart.
CO3	Describe the basic structure of C program and Understanding input and output functions.
CO4	Evaluated on decision and loop control statements.



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Programme	Semester	Course Name
B.Com	IV	Accountancy & Financial Management –IV

Sr. No.	Course Outcomes
CO1	Define different terminology used in Companies Account regarding Shares and Debenture.
CO2	Describe the procedure regarding redemption of preference shares and Preparation of Companies Balance sheet as per Companies Act 2013
CO3	apply the provisions and different methods of redemption of debentures
CO4	Describe the concept and principles for ascertainment of Profit Prior to Incorporation and preparation of Income Statement.



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Programme	Semester	Course Name
B.Com	IV	Financial Accounting and Auditing-IV(Auditing)

Sr. No.	Course Outcomes
CO1	Define the basic terms and concepts of Audit and to differentiate between Accounting and Auditing, Auditing and Investigation.
CO2	Analyse plan an audit taking into account concepts of evidence, risk and materiality.
CO3	The learner would be able to apply auditing techniques like audit sampling, test check, materiality as well as understand the basic concepts related to internal audit.
CO4	Describe various transactions of income and expenses and verify Balance Sheet items.



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Programme	Semester	Course Name
B.Com	IV	Commerce - IV

Sr. No.	Course Outcomes
CO1	Describe & examine production planning and inventory management in the production management area through control and production systems etc.
CO2	Describe the quality management through dimensions of quality and cost of quality, quality circle also the total quality management and I.S.O 9000 certification procedure etc.
CO3	Define & Interpret the Indian Financial system through Indian Financial Market and its structure. Also functions, protection measures of SEBI to the investors in India.
CO4	evaluate recent trends in financial markets like Mutual Funds, commodity and Derivatives Markets also startup ventures and their sources of funding etc.



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Programme	Semester	Course Name
B.Com	IV	Business Economics-IV

Sr. No.	Course Outcomes
CO1	Define the fundamental concepts and issues of Public Finance. And about the role of government in an economy.
CO2	Describe government finance i.e. sources, shifting of tax burden, effects of taxation etc is essential to a learner of economics as it forms the grounding of analysing public policies.
CO3	Analyse public policies on social and economic lives of people. Also, about significance of Public Expenditure and Public Debt in economy.
CO4	Analyse Public Finance and Fiscal Policy at the same time. It stimulates learner to get involved in debates and discussions on these issues.



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Programme	Semester	Course Name
B.Com	IV	Business Law- II

Sr. No.	Course Outcomes
CO1	Describe the methodology of formation of company, its registration and functioning of the company.
CO2	Describe all provisions governing various types of meetings.
CO3	apply the rights of consumer and various provision of Competition of Act 2002 in practical life

Programme	Semester	Course Name
B.Com	IV	Foundation Course - IV

Sr. No.	Course Outcomes
CO1	Define new age human rights.
CO2	Define & comprehend the need and strategies for sustainable development.
CO3	evaluate the pros and cons of modern technologies.
CO4	Describe the importance of acquiring communication skills and other soft skills.



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Programme	Semester	Course Name
B.Com	IV	Computer Programming

Sr. No.	Course Outcomes
CO1	Describe the basic computer communication systems.
CO2	Describe the basic principles of Database Management System.
CO3	Analyze the case study of DBMS using MS-ACCESS.
CO4	Evaluated on Implementing and creating the basic query using MS-ACCESS.

Programme	Semester	Course Name
B.Com	V	ACCOUNTANCY

Sr. No.	Course Outcomes
CO1	Define & Prepare financial statements of companies as per provisions of Companies Act.
CO2	Describe & Differentiate between Internal Reconstruction and External Reconstruction and to execute the legal and accounting aspect of internal reconstruction.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Describe the Classification of Overheads and would prepare a Statement showing Primary Distribution of Overheads.
CO5	Analyze the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.



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Programme	Semester	Course Name
B.Com	V	Direct and Indirect Taxation-I

Sr. No.	Course Outcomes
CO1	Define the basic terms of Income Tax, Scope of total income and residential status and find out residential status and Income of individual assesses.
CO2	Describe the various heads of Income and find out income from Salary and House Properties, Profit and Gains from business, Capital Gains on transfer of residential house property and income from other sources.
CO3	Describe various deductions under chapter VIA from Total Income and find out Taxable Income.
CO4	Describe Total Income of Individual after considering all heads of income deductions and under chapter VIA.



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Programme	Semester	Course Name
B.Com	V	Financial Accounting and Auditing –VIII (Cost Accounting)

Sr. No.	Course Outcomes
CO1	Define the basic concepts of cost, Elements and classification of cost.
CO2	Describe & record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Define Classification of Overheads and would prepare a Statement showing Primary Distribution of Overheads.
CO5	Describe the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.



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Programme	Semester	Course Name
B.Com	V	BUSINESS ECONOMICS

Sr. No.	Course Outcomes
CO1	analyses and critique the functioning of the Indian Economy (i.e. Macro Economics Overview of India) in a lucid and yet in-depth manner. Keeping this in mind, it introduces Learners to the various issues and challenges of the Indian Economy.
CO2	Evaluate the New Economic Policy 1991 and its continued impact on the various sectors of the economy. All the three sectors of the economy i.e. primary, secondary and service.
CO3	Evaluate the policies and programmes of the government, evaluating and analyzing their effect on the economy.
CO4	Describe The Banking and financial markets are the backbone of the Indian financial sector. It makes them aware of recent trends, issues, challenges and reforms in these markets.
CO5	Describe knowledge base preparing them for their future career paths.



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Programme	Semester	Course Name
B.Com	V	COMMERCE V

Sr. No.	Course Outcomes
CO1	Apply his skills and knowledge of marketing as a functional area of business organization apart from creating demand, effective marketing generates customer satisfaction, enhances corporate image, enable the firms to gain competitive advantage maintains customer relations and develop the brand image, enhances brand equity and sustains brand loyalty etc.
CO2	Define MIs process consumer behavior and market segmentation etc. also market research to solve the market problems, and factors influencing consumer behavior etc.
CO3	evaluate marketing mix which refers to the marketing variables that combines to sell a product to the target market.
CO4	Describe the physical distribution as a process of effectively delivering the product to the consumers in proper distribution efficiency, salesmanship balancing demand and supply etc.



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Programme	Semester	Course Name
B.Com	V	EXPORT MARKETING – I

Sr. No.	Course Outcomes
CO1	Describe the full concept of Export Marketing which involves export business with individuals, firms, organizations or Government entities in other countries and the importance of exports for a nation.
CO2	Analyse global framework for exports like Trade Barriers i.e. tariff and non-tariff, major economic groupings, World Trade Organization and its objectives and functions, overseas market selection.
CO3	Describe India's Foreign Trade Policy 2015-2020 and Highlights, the Exim policy which provides a list of initiatives and procedural guidelines for exporters and importers (GOI renamed the EXIM policy as Foreign Trade Policy in 2004).
CO4	Evaluate financial incentives and assistance to exporters to encourage them to increase exports like EPCGS, DBK, MDA, exemption from GST octroi and Rail freight Refunds, EOUS, SEZs etc.



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Programme	Semester	Course Name
B.Com	V	COMPUTER SYSTEMS AND APPLICATIONS - I

Sr. No.	Course Outcomes
CO1	Evaluate & understand what is Computer? How it works? How it is getting used for Distributive Data Communication.
CO2	Describe the basic things such as how to communicate with other computers through computer networks, what are the hardware and software require for that, what are the types of networks, its topology.
CO3	Describe different types of internet connections, facilities provided by internet, protocols of internet, mobile networks, how data travels, how credit cards works, how the data is protected.
CO4	Define & understand Databases, Relational and Non-relational database systems and MySQL as a Non-procedural Language.
CO5	Apply & Create and Navigate through worksheets and adding information to worksheets. He learns different types of data such as texts, numbers, dates, functions



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Programme	Semester	Course Name
B.Com	VI	Financial Accounting and Auditing –IX(Financial Accounting)

Sr. No.	Course Outcomes
CO1	Evaluate & record accounting entries in the books of Transferor and Transferee Company and understand the procedure of corporate restructuring in terms of Amalgamation, Absorption and External Reconstruction.
CO2	Describe profit and loss arise due to International Transaction (Import and Export) of Goods and Assets and implement accounting standard in respect of foreign currency transaction.
CO3	Analyse the funds to be distributed by official liquidator under legal provisions of liquidation of companies and find out the contribution to be made by List 'B' Contributories.
CO4	Define various types of underwriting and determine Underwriter's Liability.
CO5	Analyse financial statement of Limited Liability of Partnership and to convert Sole proprietorships and Partnership firm into Limited Liability Partnership.



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Programme	Semester	Course Name
B.Com	VI	Financial Accounting and Auditing –X (Cost Accounting)

Sr. No.	Course Outcomes
CO1	Describe Non-integrated Cost Accounting System and understand the Principal Ledger and Subsidiary Ledgers.
CO2	Describe the profit or loss by preparing Contract Account and the treatment of profit on incomplete contracts.
CO3	Apply the method of Process Costing and ascertain normal loss, abnormal loss and abnormal gain.
CO4	Describe Profit-Volume Ratio, Break-Even Point and Margin of Safety.
CO5	Describe standard costs and ascertain the variances of Material and Labour.
CO6	Describe emerging concepts of cost accounting.



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Programme	Semester	Course Name
B.Com	VI	Direct and Indirect Taxation-II

Sr. No.	Course Outcomes
CO1	Define the basic concepts related to Goods and Service Tax, Scope of Supply, Levy and Collection of Tax, composition of Levy.
CO2	Describe taxable amount for computation of GST.
CO3	Apply Time, Place and Value of Supply and find out applicability of IGST, CGST, SGST and UTGST.
CO4	Evaluate Input Tax Credit and Payment of Tax and Computation of Tax Liability and payment of tax and find out GST Payable.
CO5	Explain Procedure for registration, Cancellation of Registration and Eligibility for GST Registration under GST Law.
CO6	Describe some emerging concepts of cost accounting.



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Programme	Semester	Course Name
B.Com	VI	BUSINESS ECONOMICS

Sr. No.	Course Outcomes
CO1	Describe Various theories of International Trade are introduced to them to make their subject base clear. This helps them to visualize how trade concepts evolved in the past. It brings concept and graphical representation of Gains from trade and Terms of Trade for better understanding of trade.
CO2	Describe pros and cons about International Trade. It also introduces to them about various Tariff and Non-Tariff Barriers. Also, about International Economic Integration like EU, BREXIT and ASEAN.
CO3	Describe Balance of Payment i.e. a method about keeping record of export receipt and import payments. Another aspect of trade i.e. WTO (World Trade Organisation) recent developments in TRIPS, TRIMS and GATS. This knowledge will give them a picture of World Trade and its issues.
CO4	Describe Foreign Exchange when it comes to International Trade or foreign travel. Learners become aware of the functioning of foreign exchange markets and its players. Concept and types of Exchange rate are introduced to them.



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Programme	Semester	Course Name
B.Com	VI	COMMERCE VI

Sr. No.	Course Outcomes
CO1	Describe Human Resource Management and Human Resource planning HRM are processes of managing human resources to improve individuals, group and organizational effectiveness.
CO2	Evaluate human resource development which is the integrated use of training and development, organizational development and career development to improve individual's group and organization effectiveness.
CO3	Describe human relations and it is a process of an effective motivation of individuals in a given situation in order to achieve a balance of objectives, which will give greater human satisfaction and help accomplish company goals.
CO4	Describe recent trends in HRM like HRA (Human Resource Accounting) which is concerned with the measurement of cost and value of people in the organization. It also involves measuring the economic value of people in the organization.



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Programme	Semester	Course Name
B.Com	VI	EXPORT MARKETING - II

Sr. No.	Course Outcomes
CO1	Evaluate product planning and pricing decisions like, branding decisions and it's process management, packaging labeling and pricing decisions also FOB quotations etc.
CO2	Describe export distribution and promotion channels, logistics and their mode of transports also need for insurance and sales promotion techniques in exports etc.
CO3	Evaluate export finance and their methods of payments pre and post shipments finance that is also referred as packing credit, role of export financing institutions etc.
CO4	Describe- export financing institutions etc.



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Programme	Semester	Course Name
B.Com	VI	COMPUTER SYSTEMS AND APPLICATIONS - II

Sr. No.	Course Outcomes
CO1	The Learner would be able to understand the definition and features of E-commerce, Different types of E-commerce
CO2	The Learner would be able to work on Business models like Advertising, Subscription, Transaction Fee, Sales Revenue, Affiliate Revenue. B2C models like Portal, E-tailer, Content Provider, Transaction Broker, Market Creator, Service Provider, Community provider.
CO3	The Learner would understand the security systems like Encryption, Digital Signatures, SSL, Decryption.
CO4	The Learner would be able to execute Database functions like LOOKUP, VLOOKUP, HLOOKUP, Conditional Logic functions IF, Nested IF, COUNTIF, SUMIF, AVERAGEIF, String functions and date functions
CO5	The Learner understands Visual Basic, Graphical User Interface (GUI) Programming Language (Procedural, Object Oriented, Event Driven), Writing VB Projects. The Visual Basic Environment).
CO6	The Learner would be able to know VB Controls, Variables, Constants, and Calculations Variable and Constant, Data Type.



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**BACHELOR OF BANKING AND INSURANCE (BBI)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
BBI	I	Environment and Management of Financial Services

Sr. No	Course Outcomes
CO1	Describe & understand the functioning of banks and insurance companies.
CO2	Analyze the mobilization of funds by the banking and insurance sector.
CO3	Define Indian financial markets, financial instruments and financial regulators.
CO4	analyze the essential role of banks and insurance in the world today.



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Programme	Semester	Course Name
BBI	I	Principles of Management

Sr. No	Course Outcomes
CO1	Define the concept of management and its functions.
CO2	Analyze concepts of planning, decision making, controlling, staffing, organizing etc. and to understand new approaches in management.
CO3	Apply build leadership skills with live examples of business leaders.

Programme	Semester	Course Name
BBI	I	Financial Accounting - I

Sr. No	Course Outcomes
CO1	Define basic accounting concepts such as journal, ledger, subsidiary book, journal proper and bank reconciliation statements.
CO2	Describe accounting standards like AS -6 (depreciation) and AS 10 (fixed assets).
CO3	Analyze closing accounts at the end of the year for sole trading concerns and partnership firms.



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Programme	Semester	Course Name
BBI	I	Business Communication-I

Sr. No	Course Outcomes
CO1	Define the communication concepts in the corporate and global world.
CO2	Apply communication skills and overall personality development.
CO3	Apply business correspondence skills.

Programme	Semester	Course Name
BBI	I	Foundation Course - I

Sr. No	Course Outcomes
CO1	Describe Indian society, multi-cultural diversity of Indian Society.
CO2	Describe India's political processes, Indian constitution,
CO3	Analyze stratified reasons as to differences and women's problems.
CO4	Analyze fundamental duties of Indian citizens specified in the Indian Constitution.
CO5	Describe the hierarchy of local self government and amendments to the same.



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Programme	Semester	Course Name
BBI	I	Business Economics-I

Sr. No	Course Outcomes
CO1	Describe- demand-supply analysis, production function, Cost concepts, break even analysis and economies of scale.
CO2	Analyze market structures such as perfect competition, monopoly, monopolistic competition and oligopoly.
CO3	Describe all economic aspects of business decision -making . Students can make business related decisions related to price if they become future entrepreneurs.



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Programme	Semester	Course Name
BBI	I	Quantitative Methods-I

Sr. No	Course Outcomes
CO1	Analyze index numbers and application to the banking and insurance sector.
CO2	Describe fundamental basic knowledge of statistical techniques as applicable to business.
CO3	Analyze & develop graphical presentations.



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Programme	Semester	Course Name
BBI	II	Principles and Practices of Banking & Insurance

Sr. No	Course Outcomes
CO1	Define the basics of Banking, origin, need, types, scope, functions of banking sector in India and Insurance sector in India.
CO2	Describe Banking Operations, types of accounts, services, banking regulations and Role of RBI.
CO3	Define insurance- need, scope, evolution, types, policies.
CO4	Analyze the current working insurance business environment in India.

Programme	Semester	Course Name
BBI	II	Business Law

Sr. No	Course Outcomes
CO1	Describe Indian Contract Act 1872 and special contracts.
CO2	Describe the sale of Goods Act 1930 and Negotiable Instruments Act 1881.
CO3	Analyze the Consumer protection Act, 1986.



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Programme	Semester	Course Name
BBI	II	Financial Accounting - II

Sr. No	Course Outcomes
CO1	Describe Practical and theoretical knowledge of financial accounting.
CO2	analyze that financial records maintained in a systematic manner helps to fetch data at any time.
CO3	analyze financial records act as legal evidence in case of disputes.
CO4	evaluate and analyze financial accounting problems and opportunities in real life situations.

Programme	Semester	Course Name
BBI	II	Business Communication

Sr. No	Course Outcomes
CO1	Define various ways of business correspondence, enhance language and writing skills
CO2	describe group communication – interviews, meetings, conference and public relation.
CO3	Apply draft effective ways of presentation.



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Programme	Semester	Course Name
BBI	II	Foundation Course - II

Sr. No	Course Outcomes
CO1	analyze social awareness in students of their societal problems and students develop a healthy personality by understanding values, ethics and to manage conflicts in life.
CO2	describe globalization, Indian society, ecology, human rights, stress and conflict management and contemporary societal challenges.
CO3	Analyze the importance of Environment Studies in the current developmental context.

Programme	Semester	Course Name
BBI	II	Organisational Behaviour

Sr. No	Course Outcomes
CO1	Define organizational behaviour with respect to motivation in the banking and insurance sector.
CO2	Describe group dynamics .
CO3	Analyze organizational culture and organizational development.



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Programme	Semester	Course Name
BBI	II	Quantitative Methods-II

Sr. No	Course Outcomes
CO1	define good working practice of mathematical tools for making appropriate decisions in managerial situations.
CO2	Describe primary knowledge regarding some mathematical techniques to be used in managerial decisions.
CO3	analyze knowledge about basic mathematical tools used in business and statistical techniques that facilitate comparison and analyze business data.



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Programme	Semester	Course Name
BBI	III	Financial_Management_-I

Sr. No	Course Outcomes
CO1	Define Concept of finance and sources of finance.
CO2	Analyze financial management, Financial planning and Capital budgeting
CO3	define concept of working capital management.
CO4	Describe the various concepts of working capital financing.



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Programme	Semester	Course Name
BBI	III	Management Accounting

Sr. No	Course Outcomes
CO1	Evaluate basic management accounting knowledge as applicable to business with suitable illustration.
CO2	Describe the importance and scope of management accounting.
CO3	Define main disclosures of a financial statement.
CO4	Analyze and interpret the corporate financial statements with the help of Comparative, Common size, Trends & Ratio Analysis.



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Programme	Semester	Course Name
BBI	III	Direct Tax

Sr. No	Course Outcomes
CO1	Analyze knowledge of the basic principles underlying provisions of income tax and service tax.
CO2	Describe the residential status of an assessee and compute the taxable income of assessee with different residential status.
CO3	Analyze income from salaries, house property, business/profession, capital gains and income from other sources.
CO4	Analyze various benefits/ deductions under Chap VI-A of the Income tax Act,1961.



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Programme	Semester	Course Name
BBI	III	<u>Mutual Fund Management</u>

Sr. No	Course Outcomes
CO1	Describe the mind of students in terms of understanding about mutual fund, other investment plans and about the structure of Mutual funds in India and Abroad. There are various types of Mutual funds and how to calculate returns, which makes the students wise investors in future.
CO2	Analyze Group discussions and presentations on fund selecting, ranking & rating, financial planning and investors guidance can be held.



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Programme	Semester	Course Name
BBI	III	Foundation Course- III

Sr. No	Course Outcomes
CO1	Describe banking industries such as rural banking, retail banking, corporate banking and universal banking.
CO2	Evaluate contemporary developments like technological innovations, micro finance and financial inclusion.
CO3	describe the applicability of KYC norms in the banking sector.
CO4	Analyze the principles of banking.



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Programme	Semester	Course Name
BBI	III	Financial Market

Sr. No	Course Outcomes
CO1	Define financial markets and its various aspects.
CO2	Describe the Knowledge of commodity market, derivative market and scope of them.
CO3	Describe the framework of financial conglomerates.
CO4	Analyze the Indian financial system since independence.



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Programme	Semester	Course Name
BBI	III	Information Technology in Banking & Insurance - I

Sr. No	Course Outcomes
CO1	Describe about basic concepts of Information Technology, and its role in modern Management.
CO2	Define office automation and latest MS-Office
CO3	describe e-commerce and learning of cyber security
CO4	Analyze computer threats, computer security, E-security and Password Security.



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Programme	Semester	Course Name
BBI	IV	Financial Management-II

Sr. No	Course Outcomes
CO1	Define Working capital management and its components.
CO2	Describe the Knowledge and understanding of financial planning, Study of strategic financial management.
CO3	Describe theoretical and practical knowledge of financial management in banking and insurance.
CO4	analyze the importance of risk in the context of financial decision making. Students gain knowledge of different types of budgets.



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Programme	Semester	Course Name
BBI	IV	Cost Accounting

Sr. No	Course Outcomes
CO1	Define & impart basic cost accounting knowledge as applicable to banking and insurance .with suitable illustrations Knowledge.
CO2	Define the concept and classification of cost. and use of Standard costing .
CO3	Evaluate Marginal costing and Entrepreneurship Management.
CO4	Analyze the marginal costing techniques.
CO5	Describe different types of cost. Students understand the standard costing technique to calculate variances with respect to material, labor and overhead.



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Programme	Semester	Course Name
BBI	IV	Business Economics II

Sr. No	Course Outcomes
CO1	Analyze to understand the basic topics like inflation, monetary policy, Balance of Payment and foreign investment.
CO2	Describe the major aspects of macro economics and international theories
CO3	Define & understand the basic topics like inflation, monetary policy, Balance of Payment and foreign investment.



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Programme	Semester	Course Name
BBI	IV	Corporate & securities Law

Sr. No	Course Outcomes
CO1	Describe the overview of Company law and studying the regulatory framework of SEBI and Securities contract regulation Act, 1956.
CO2	Analyze & Gain knowledge of Depositories Act, 1996.
CO3	Describe the role of Corporate Governance practices in maintaining Transparency in business transactions.
CO4	Evaluate and highlight the importance of the company.



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Programme	Semester	Course Name
BBI	IV	Entrepreneurship Management.

Sr. No	Course Outcomes
CO1	Describe the origin and development of entrepreneurship in India.
CO2	Analyze the role and importance of entrepreneurship for economic development.
CO3	Analyze the information on institutional support to an entrepreneur.
CO4	Analyze the factors stimulating the growth of entrepreneurship.



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Programme	Semester	Course Name
BBI	IV	Foundation Course-IV

Sr. No	Course Outcomes
CO1	Define the concept of life insurance business and traditional and non traditional life insurance products.
CO2	Describe the knowledge of health, home and motor insurance.
CO3	Describe the role of insurance in logistics.
CO4	Define Term Plans and Whole Life Insurance.
CO5	Analyze the Health Insurance Market in India.



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Programme	Semester	Course Name
BBI	IV	Information technology in banking and insurance

Sr. No	Course Outcomes
CO1	Describe the concept of Electronic Commerce its Architectural Framework, Media convergence, Applications, Market forces influencing the I-way with its Components and the Technology behind the web, Security and the Web.
CO2	Evaluate e-banking in India with Legal framework for e-banking, Electronic Payment System its types (Digital Token-based EPS, Smart Card EPS, Credit Card EPS).
CO3	Describe Office automation software which can use used in practical life for projects making, to solve problem using functions in excel sheets and also learn making presentation.
CO4	Describe - Cyber Law & Cyber Security with its history in India, various threats and attacks, E-security and Reporting of fraud on the Internet.



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Programme	Semester	Course Name
BBI	V	International Banking & Finance

Sr. No	Course Outcomes
CO1	Describe -exchange rate and international financial market.
CO2	Analyze the global financial market and cross border capital flow.
CO3	Evaluate exchange rate currency, trading and risk management.
CO4	analyze employing hedging strategies and financial instruments.
CO5	Describe the complexities and dynamics involved in international banking.



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Programme	Semester	Course Name
BBI	V	Auditing

Sr. No	Course Outcomes
CO1	Describe the fundamental practices.
CO2	Evaluate systematically assess.
CO3	Describe proficiency in strategic audit planning and procedure.
CO4	Describe advanced audit techniques.
CO5	Define audit techniques and verification methodology.



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Programme	Semester	Course Name
BBI	V	Financial Reporting and analysis

Sr. No	Course Outcomes
CO1	Define financial statements including the balance sheet and income statements.
CO2	Evaluate profitability investment ,income,claim reserve and regulatory compliance.
CO3	Analyze mastering skill to compile accurate financial statements of business entities.
CO4	Define ash flows analysis and ethical behaviour.



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Programme	Semester	Course Name
BBI	V	Research Methodology

Sr. No	Course Outcomes
CO1	Define & cultivate critical thinking problem solving skills.
CO2	Describe skill in designing surveys, selecting an appropriate data collection.
CO3	Apply proficiency in advanced statistical methods.
CO4	Describe hypothesis testing and applying regression analysis.
CO5	Define search design literature and review data collection Subjects.



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Programme	Semester	Course Name
BBI	V	Strategic Management

Sr. No	Course Outcomes
CO1	analyse, formulate and implement effective business strategy.
CO2	Describe the external business environment including economic, technological and competitive factors.
CO3	Evaluate student proficiency in analyse and formulating various levels.
CO4	Apply & translate strategic plans into actionable initiatives.
CO5	Analyze & access and manage organisational.



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Programme	Semester	Course Name
BBI	V	Business Ethics and corporate Governance.

Sr. No	Course Outcomes
CO1	Define & highlight the role of Corporate Governance practices in maintaining Transparency in business transactions.
CO2	Describe the importance of commitment to values and ethical conduct of Business.
CO3	Analyze the historical context and evaluation of corporate governance practice in the Indian business landscape.
CO4	Describe the dynamics and trend shaping the global economy, such as trade investment and economic development.



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Programme	Semester	Course Name
BBI	VI	Securities Analysis & Portfolio Management

Sr. No	Course Outcomes
CO1	Define various concepts of finance.
CO2	Define the terms which are often confronted while reading newspapers, magazines etc. for better correlation with the practical world.
CO3	Describe various models and techniques of security and portfolio analysis.

Programme	Semester	Course Name
BBI	VI	Auditing II

Sr. No	Course Outcomes
CO1	Analyze knowledge of auditing of banking, insurance and limited companies.
CO2	Evaluate the knowledge of new areas and trends in auditing.
CO3	Define the need for professional ethics in the auditing process.



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Programme	Semester	Course Name
BBI	VI	Human Resource Management

Sr. No	Course Outcomes
CO1	Describe the need and objectives for human resource management with respect to the banking sector.
CO2	Analyze knowledge of various aspects of Human Resource management and make them acquainted with practical aspects of the subject.
CO3	Define concepts like recruitment, training, development and compensation with reference to the banking sector.

Programme	Semester	Course Name
BBI	VI	Turnaround Management

Sr. No	Course Outcomes
CO1	Analyze knowledge of the different types of business organizations and approaches for their growth and survival.
CO2	analyze the different internal external symptoms of industrial sickness.
CO3	Analyze turnaround management is a skill.



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Programme	Semester	Course Name
BBI	VI	Central Banking

Sr. No	Course Outcomes
CO1	Define the concept and growth of central banking in India
CO2	Analyze knowledge of the role played by RBI as central Bank in India Vis a Vis the role of other central banks across the world.
CO3	Describe the need for a central bank in the cyber world.



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**BACHELOR OF ACCOUNTING AND FINANCE (B.A.F.)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.A.F	I	Financial Accounting

Sr.No.	Course Outcomes
CO1	Describe the preparation of basic Financial Data and balance sheet.
CO2	Define the Indian Accounting Standards, concepts and conventions.
CO3	Describe the preparation of the Bank Reconciliation Statement
CO4	Analyse the Charges of Depreciation on various assets.



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Programme	Semester	Course Name
B.A.F	I	Cost Accounting

Sr.No.	Course Outcomes
CO1	Define the basic concepts and the tools used in Cost Accounting
CO2	Describe the principles and procedure of Cost Accounting and to apply them to different practical situations.
CO3	Describe Process Costing, Job Costing, Cost Classification etc. CO4: Demonstrate reconciliation of cost sheet and financial accounts.

Programme	Semester	Course Name
B.A.F	I	Financial Management

Sr.No.	Course Outcomes
CO1	Define the Sources of Finance in Corporates.
CO2	Describe different tools and techniques of Sources of Funds and its Applications for better decision making.
CO3	Analyze data and take a part in financial decision making. Examine corporate markets with relevance to Corporate Finance.



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Programme	Semester	Course Name
B.A.F	I	Business Communication

Sr.No.	Course Outcomes
CO1	Describe presentations skills, understand group communication - prepare for interview, meetings, conference and Public Relations.
CO2	Describe trade letters like inquiry letter, complaint letter, RTI letter, grievance letter, sales letters etc.
CO3	Analyse Reports & Summarize and enhance language & writing skills.



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Programme	Semester	Course Name
B.A.F	I	Foundation Course

Sr.No.	Course Outcomes
CO1	Define concepts of Liberalization, Privatization and Globalization and its impact on employment & society
CO2	Describe knowledge on the Human Rights.
CO3	Define environmental concerns, causes of degradation, promoting sustainable development.
CO4	Evaluate causes of stress and conflicts in the society and manage stress and promote socialization.



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Programme	Semester	Course Name
B.A.F	I	Business Economics

Sr.No.	Course Outcomes
CO1	Describe the significance of Business Economics in the contemporary global world. Provide examples of production and cost functions. Concentrate on Microeconomics principles.
CO2	Analyse the estimation of Demand and Forecasting.
CO3	Describe how an organization does the Costing of the product.
CO4	analyse expertise in the fundamental principles that underpin an economy



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Programme	Semester	Course Name
B.A.F	I	Business Environment

Sr.No.	Course Outcomes
CO1	Define business objectives and environmental analysis.
CO2	Describe the relation between business & society and aware about business ethics & Consumer Protection Act.
CO3	Define the CSR, Carbon Credit and Social Audit.
CO4	Describe information about Foreign Trade, International Organizations, Global Strategies – MNCs & TNCs.

Programme	Semester	Course Name
B.A.F	II	Financial Accounting

Sr.No.	Course Outcomes
CO1	Describe partnership final accounts.
CO2	Describe piecemeal distribution of cash and amalgamation of firms.
CO3	Analyse accounting of transactions of foreign currency.



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Programme	Semester	Course Name
B.A.F	II	Auditing

Sr.No.	Course Outcomes
CO1	Define human rights provisions, violations and redressel.
CO2	Describe environmental concerns and science and technology.
CO3	Describe soft skills for interpersonal communication

Programme	Semester	Course Name
B.A.F	II	Business Communication

Sr.No.	Course Outcomes
CO1	Describe techniques for successful presetations.
CO2	Analyse skills in collaborative communication within teams, fostering effective teamwork and cooperation.
CO3	Describe proficiency in crafting clear, concise, and professional written communication tailored to various business contexts.



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Programme	Semester	Course Name
B.A.F	II	Foundation Course

Sr.No.	Course Outcomes
CO1	Define fundamentals of Globalization and Indian society.
CO2	Describe Human Rights and Ecology.
CO3	Describe the concept of stress and conflicts. Cultivate stress management techniques.

Programme	Semester	Course Name
B.A.F	II	Business Mathematics

Sr.No.	Course Outcomes
CO1	Evaluate the central tendency.
CO2	Define the measures of dispersion.
CO3	Describe Probability distribution and Index numbers.



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Programme	Semester	Course Name
B.A.F	II	Business Law

Sr.No.	Course Outcomes
CO1	Define the essential legal rules of Contract Act.
CO2	Describe the concept of performance, discharge and remedies of breach of contract.
CO3	Define various types of special contract and the rights and duties of the parties.
CO4	Describe all conditions and warranties of Sale of Goods Act
CO5	Apply Negotiable Instrument Act in practical life.



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Programme	Semester	Course Name
B.A.F	III	FA

Sr.No.	Course Outcomes
CO1	Define the essential legal rules of Contract Act.
CO2	Companies Account regarding Shares and Debenture.
CO3	The learner would be able to understand the procedure regarding redemption of preference shares and Preparation of Companies Balance sheet as per Companies Act 2013
CO4	The learner would be able to apply the provisions and different methods of redemption of debentures



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Programme	Semester	Course Name
B.A.F	III	Cost

Sr.No.	Course Outcomes
CO1	Understand the basic concepts of cost, Elements and classification of cost.
CO2	Explain and record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Understand Classification of Overheads and would prepare a Statement showing Primary Distribution of Overheads.
CO5	Identify the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.



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Programme	Semester	Course Name
B.A.F	III	Tax

Sr.No.	Course Outcomes
CO1	Understand the basic concepts of Direct Taxes on Individual, Firm, NRI, Residential Status etc.
CO2	Explain the importance and the basic knowledge of tax structure in the country.
CO3	Focus on the practical applicability of taxes in the Corporates to pay on time
CO4	Evaluate and understand the calculations of various taxes along with deductions and exemptions given by the Government time to time.

Programme	Semester	Course Name
B.A.F	III	IT

Sr.No.	Course Outcomes
CO1	Understand basic concept of Email, Internet and Website Domains and Security.
CO2	Illustrate basic concept of Information Technology its support and role in Management for Managers.



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Programme	Semester	Course Name
B.A.F	III	Law

Sr.No.	Course Outcomes
CO1	understand the methodology of formation of company, its registration and functioning of the company.
CO2	understand all provisions governing various types of meetings.
CO3	apply the way of formation, dissolution of partnership in real life.
CO4	understand the procedure for registration of Intellectual property Right and protect it from infringement of their rights.
CO5	apply the rights of consumer and various provision of Competition of Act 2002 in practical life



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Programme	Semester	Course Name
B.A.F	III	Economics

Sr.No.	Course Outcomes
CO1	This course is an introduction to the basic analytical tools of macroeconomics to evaluate macroeconomic conditions such as inflation, unemployment and growth.
CO2	It is designed to make the system of overall economy understandable and relevant. The aim is to provide a clear explanation of many aspects of aggregate economic variables to inspire a consistent way of thinking about key macroeconomic phenomena.
CO3	It intends to familiarize the commerce students with basic concepts of macroeconomics and with certain common features of economic occurrence in the real world..



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Programme	Semester	Course Name
B.A.F	III	Foundation Course

Sr.No.	Course Outcomes
CO1	Identify and value the effect of the pollutants on the environment: atmosphere, air, water and soil.
CO2	Illustrate skills and an improved understanding of how firms and organizations work with sustainability issues such as Environmental and Natural Resource Management.
CO3	Demonstrate professional Business Communication skills through writing, presentations and group discussions.



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Programme	Semester	Course Name
B.A.F	IV	Finance & Accounts

Sr.No.	Course Outcomes
CO1	The learner would be able to revise different terminology used in
CO2	Companies Account regarding Shares and Debenture.
CO3	The learner would be able to understand the procedure regarding redemption of preference shares and Preparation of Companies Balance sheet as per Companies Act 2013
CO4	The learner would be able to apply the provisions and different methods of redemption of debentures



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Programme	Semester	Course Name
B.A.F	IV	Tax

Sr.No.	Course Outcomes
CO1	To understand various definitions of terms related to direct tax.
CO2	To understand heads of income and deductions
CO3	To understand computation of total income

Programme	Semester	Course Name
B.A.F	IV	Information Technology

Sr.No.	Course Outcomes
CO1	Analyze how Information Technology impacts a firm.
CO2	Interpret how to use Information Technology to solve business.
CO3	Understand the concept of outsourcing.



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Programme	Semester	Course Name
B.A.F	IV	Law
Sr.No.	Course Outcomes	
CO1	To understand about Indian Partnership Act 1932.	
CO2	To understand limited liability partnership act 2008.	
CO3	To understand factories act 1948	

Programme	Semester	Course Name
B.A.F	IV	BRM

Sr.No.	Course Outcomes
CO1	Apply a range of Quantitative and Qualitative Research Techniques to Business and Management Problems and issues.
CO2	Understand and apply research approaches, techniques and strategies in the appropriate manner for managerial decision making.
CO3	Examine diverse learning opportunities to develop analytical and soft skills through Research.



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Programme	Semester	Course Name
B.A.F	IV	Foundation Course

Sr.No.	Course Outcomes
CO1	Focus on teams, execute task assigned and perform on timelines set.
CO2	Familiarize the importance and application of ethics in modern business practices.
CO3	Illustrate case studies, learner will develop a moral and ethical perspective of looking at business problems.



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Programme	Semester	Course Name
B.A.F	IV	Management Accounting

Sr.No.	Course Outcomes
CO1	The learner would understand the concept, function and Scope of Management Accounting Apply it in facilitating decision making.
CO2	The learner would be able to study and prepare financial statement in vertical form suitable for analysis and to analyse financial statement using different tools of analysis.
CO3	The learner would be able to analyse financial statement by using various ratios and interpret the results of the ratios
CO4	The learner would be to understand the concept and types of working capital and to determine the required amount of working capital.
CO5	The learner would able to formulate the estimated period of completion and Profitability of long-term investment and equip with various techniques of capital budgeting decisions.
CO6	The learner would understand the concept, function and Scope of Management Accounting Apply it in facilitating decision making.



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Programme	Semester	Course Name
B.A.F	IV	Financial Accounting

Sr.No.	Course Outcomes
CO1	Prepare financial statements of companies as per provisions of Companies Act.
CO2	Differentiate between Internal Reconstruction and External Reconstruction and to execute the legal and accounting aspect of internal reconstruction.

Programme	Semester	Course Name
B.A.F	V	Cost Accounting

Sr.No.	Course Outcomes
CO1	Understand the basic concepts of cost, Elements and classification of cost.
CO2	Explain and record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Understand Classification of Overheads and would prepare a Statement showing Primary Distribution of Overheads.



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Programme	Semester	Course Name
B.A.F	V	Tax

Sr.No.	Course Outcomes
CO1	Understand the basic terms of Income Tax, Scope of total income and residential status and find out residential status and Income of individual assesses.
CO2	Classify the various heads of Income and find out income from Salary and House Properties, Profit and Gains from business, Capital Gains on transfer of residential house property and income from other sources.
CO3	Understand various deductions under chapter VIA from Total Income and find out Taxable Income.
CO4	Calculate Total Income of Individual after considering all heads of income deductions and under chapter VIA.

Programme	Semester	Course Name
B.A.F	V	Financial Management

Sr.No.	Course Outcomes
CO1	Understand the source of finance in corporate
CO2	Focus on different tools and techniques of Sources of Funds and its Applications for better decision making.
CO3	Analyze data and take a part in financial decision making.
CO4	Examine corporate markets with relevance to Corporate Finance.



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Programme	Semester	Course Name
B.A.F	V	Financial Accounting

Sr.No.	Course Outcomes
CO1	Enumerate accounting procedures, conditions and steps of Buy Back of Shares
CO2	Maintain his/her personal Investment Account as per Accounting Standard and Calculate returns on investment in various securities.

Programme	Semester	Course Name
B.A.F	V	Management Application

Sr.No.	Course Outcomes
CO1	Apply his skills and knowledge of marketing as a functional area of business organization apart from creating demand, effective marketing generates customer satisfaction, enhances corporate image, enable the firms to gain competitive advantage maintains customer relations and develop the brand image, enhances brand equity and sustains brand loyalty etc.
CO2	Understand MIs process consumer behavior and market segmentation etc. also market research to solve the market problems, and factors influencing consumer behavior etc.
CO3	evaluate marketing mix which refers to the marketing variables that combines to sell a product to the target market.
CO4	Understand physical distribution as a process of effectively delivering the product to the consumers in proper distribution efficiency, salesmanship balancing demand and supply etc.



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Programme	Semester	Course Name
B.A.F	VI	Financial Accounting

Sr.No.	Course Outcomes
CO1	Maintain and record accounting entries in the books of Transferor and Transferee Company and understand the procedure of corporate restructuring in terms of Amalgamation, Absorption and External Reconstruction.
CO2	Find out profit and loss arise due to International Transaction (Import and Export) of Goods and Assets and implement accounting standard in respect of foreign currency transaction.
CO3	Ascertain the funds to be distributed by official liquidator under legal provisions of liquidation of companies and find out the contribution to be made by List 'B' Contributories.
CO4	Familiarize with various types of underwriting and determine Underwriter's Liability.



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Programme	Semester	Course Name
B.A.F	VI	Cost Accounting

Sr.No.	Course Outcomes
CO1	Know Non-integrated Cost Accounting System and understand the Principal Ledger and Subsidiary Ledgers.
CO2	Find out the profit or loss by preparing Contract Account and the treatment of profit on incomplete contracts.
CO3	Apply the method of Process Costing and ascertain normal loss, abnormal loss and abnormal gain.
CO4	Get insight into Profit-Volume Ratio, Break-Even Point and Margin of Safety.
CO5	Compare the actual costs with standard costs and ascertain the variances of Material and Labour.



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Programme	Semester	Course Name
B.A.F	VI	Tax

Sr.No.	Course Outcomes
CO1	Understand the basic concepts related to Goods and Service Tax, Scope of Supply, Levy and Collection of Tax, composition of Levy.
CO2	Find out taxable amount for computation of GST.
CO3	Learn Time, Place and Value of Supply and find out applicability of IGST, CGST, SGST and UTGST
CO4	Understand Input Tax Credit and Payment of Tax and Computation of Tax Liability and payment of tax and find out GST Payable.
CO5	Understand the basic concepts related to Goods and Service Tax, Scope of Supply, Levy and Collection of Tax, composition of Levy.



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Programme	Semester	Course Name
B.A.F	VI	Economics

Sr.No.	Course Outcomes
CO1	It helps in analyses and critique the functioning of the Indian Economy (i.e. Macro Economics Overview of India) in a lucid and yet in-depth manner. Keeping this in mind, it introduces Learners to the various issues and challenges of the Indian Economy.
CO2	It stresses the understanding of the New Economic Policy 1991 and its continued impact on the various sectors of the economy. All the three sectors of the economy i.e. primary, secondary and service.
CO3	Emphasis has been laid on familiarizing learners with the policies and programmes of the government, evaluating and analyzing their effect on the economy.
CO4	The Banking and financial markets are the backbone of the Indian financial sector. It makes them aware of recent trends, issues, challenges and reforms in these markets.
CO5	It helps in analyses and critique the functioning of the Indian Economy (i.e. Macro Economics Overview of India) in a lucid and yet in-depth manner. Keeping this in mind, it introduces Learners to the various issues and challenges of the Indian Economy.



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**BACHELOR OF TRANSPORT MANAGEMENT (B.T.M)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.T.M	I	Transport Management

Sr. No	Course Outcomes
CO1	Describe the transportation system along with the challenges faced by the Indian Transportation system. Also summarize the means and modes of transportation.
CO2	Demonstrate the transport planning process by applying transportation principles.
CO3	Analyze the transport costing with respect to the services and performance of transport.
CO4	Describe the administration and control system of transportation services.

Programme	Semester	Course Name
B.T.M	I	Road and road transport

Sr. No.	Course Outcomes
CO1	Describe the road network and road transportation system in India.
CO2	Describe the modes of road transport, freight transport and evaluate the freight rate and industry performance.
CO3	Interpret the recent developments in road and road transport in India.



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Programme	Semester	Course Name
B.T.M	I	Railway Transport

Sr. No.	Course Outcomes
CO1	Understand the background of Indian railways. Define the mobility of Indian railways to passengers and goods.
CO2	Explain railways to passengers and goods.
CO3	Explain the railway operations management

Programme	Semester	Course Name
B.T.M	I	Foundation Course

Sr. No.	Course Outcomes
CO1	Describe the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation.
CO2	Implement the regional variations according to rural, urban and tribal characteristics.
CO3	Use the concept of diversity as difference



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Programme	Semester	Course Name
B.T.M	I	Business Communication-I

Sr. No.	Course Outcomes
CO1	Understand the process of communication.
CO2	List the types of communication.
CO3	Grasp the knowledge of various types of letters involved in business communication

Programme	Semester	Course Name
B.T.M	I	Economics

Sr. No.	Course Outcomes
CO1	Realize about the Demand Function, the nature of the demand curve in various markets, the scope and significance of business economics, and the fundamentals of market supply, demand, and equilibrium price. The market structure, including perfect competition and monopoly, pricing and output decisions under imperfect competition, pricing practices, cost concepts, LAC and learning curve - break even analysis, and production function."
CO2	Explain the market structure, including perfect competition and monopoly, pricing and output decisions under imperfect competition, pricing practices, cost concepts, LAC and learning curve - break even analysis, and production function."



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Programme	Semester	Course Name
B.T.M	I	Mathematics

Sr. No.	Course Outcomes
CO1	Evaluate the central tendency.
CO2	Judge the measures of dispersion.
CO3	Examine Probability distribution and Index numbers.

Programme	Semester	Course Name
B.T.M	II	Logistics & Supply Chain Management

Sr. No.	Course Outcomes
CO1	Develop a comprehensive understanding of supply chain concepts, including procurement, production, distribution, and reverse logistics.
CO2	Acquire proficiency in Transportation and warehousing.
CO3	Gain insight into packaging and material handling.
CO4	Formulate strategies for Inventory Management



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Programme	Semester	Course Name
B.T.M	II	Air Transport

Sr. No.	Course Outcomes
CO1	Develop a comprehensive understanding of history of aviation, types of air lines operations and air line marketing.
CO2	Acquire knowledge of cargo operations and costing and pricing related to cargo operations.
CO3	Familiarize with general instructions of the airport. Generate a plan for the terminal area.

Programme	Semester	Course Name
B.T.M	II	Shipping and water transport

Sr. No.	Course Outcomes
CO1	Comprehend the Maritime industry.
CO2	Understand the principles of the shipping industry.
CO3	Gain expertise in cargo handling documentation.
CO4	Absorb the concept of multimodal's.



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Programme	Semester	Course Name
B.T.M	II	Foundation Course

Sr. No.	Course Outcomes
CO1	Learn fundamentals of Globalization and Indian society.
CO2	Recognition of Human Rights and Ecology.
CO3	Understanding the concept of stress and conflicts.
CO4	Cultivate stress management techniques.

Programme	Semester	Course Name
B.T.M	II	Business Communication

Sr. No.	Course Outcomes
CO1	Acquire techniques for successful presentations.
CO2	Develop skills in collaborative communication within teams, fostering effective teamwork and cooperation.
CO3	Demonstrate proficiency in crafting clear, concise, and professional written communication tailored to various business contexts.



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Programme	Semester	Course Name
B.T.M	II	Traffic management

Sr. No.	Course Outcomes
CO1	Demonstrate knowledge about Traffic System Components.
CO2	Develop skills in managing traffic incidents, including accidents, breakdowns, and other disruptions, to minimize congestion and ensure safety.
CO3	Analyze route assignment and highway capacities.
CO4	Understand and implement traffic signal designs.

Programme	Semester	Course Name
B.T.M	II	Financial accounting

Sr. No.	Course Outcomes
CO1	Understand the basics of Accounting.
CO2	Evaluate inventory valuation.
CO3	Assess the consignment accounts.
CO4	Judge the fire insurance claim.



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Programme	Semester	Course Name
B.T.M	III	Production & Quality Management

Sr. No.	Course Outcomes
CO1	Gain knowledge of various aspects of production such as production components, manufacturing system, product life cycle.
CO2	Learn the fundamentals of quality control, quality management and quality standard.
CO3	Learn about total quality management and philosophy and approach to quality.
CO4	Acquire skills on quality improvement strategies.

Programme	Semester	Course Name
B.T.M	III	Custom Procedure & Cargo Handling

Sr. No.	Course Outcomes
CO1	Acquire knowledge about custom procedures.
CO2	Gain proficiency in preparing and processing cargo documentations.
CO3	Familiarize yourself with fundamentals of cargo handling.
CO4	Learn effective procedure for cargo handling.



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Programme	Semester	Course Name
B.T.M	III	Managerial Skill Development

Sr. No.	Course Outcomes
CO1	Understand in depth about management.
CO2	Exhibit strong leadership qualities to motivate, guide, and manage teams toward achieving common objectives.
CO3	Demonstrate the ability to Describe and address conflicts constructively, fostering a positive and collaborative work environment.
CO4	Develop more effective inter personal and intrapersonal skills.

Programme	Semester	Course Name
B.T.M	III	Service Marketing

Sr. No.	Course Outcomes
CO1	Grasp the unique characteristics of service, its importance, role.
CO2	Acquire skills in service marketing mix.
CO3	Implement frameworks and tools to measure and improve service quality, ensuring customer satisfaction and loyalty.
CO4	Explore and leverage the recent trends in service marketing.



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Programme	Semester	Course Name
B.T.M	III	Transport Law

Sr. No.	Course Outcomes
CO1	Develop a comprehensive understanding of road transport law.
CO2	Gain insights into railways and shipping law.
CO3	Understand Multimodal and Custom law.
CO4	Stay informed about the foreign laws.

Programme	Semester	Course Name
B.T.M	III	Warehousing & Inventory Control

Sr. No.	Course Outcomes
CO1	Master the evolution, history and other aspects of warehousing.
CO2	Analyze and evaluate the warehousing locations.
CO3	Gain a comprehensive understanding of different warehousing systems, including traditional, automated, and modern storage solutions.
CO4	Gain a comprehensive understanding of different warehousing systems, including traditional, automated, and modern storage solutions



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Programme	Semester	Course Name
B.T.M	III	Information & Technology In Transport Management

Sr. No.	Course Outcomes
CO1	Stay abreast about the E commerce and ICT.
CO2	Describe the computer organizations and internet.
CO3	Implementing ICT soft tools (work processor & spreadsheet) into transport management.

Programme	Semester	Course Name
B.T.M	IV	Multi- Modal Transport

Sr. No.	Course Outcomes
CO1	Learning about the concepts of multi modal transport, operators and challenges.
CO2	Understand the multi modal transport system in India.
CO3	Understanding the legal and regulatory aspects of multi modal transport.
CO4	Assessing the global perspective of multi modal transport.



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Programme	Semester	Course Name
B.T.M	IV	Survey in Transport

Sr. No.	Course Outcomes
CO1	Acquire knowledge about types of survey, research design and creating hypotheses.
CO2	Learning various methods for data collection in transport surveys, including interviews, questionnaires and observational studies.
CO3	Acquiring skills in analyzing transportation data using statistical methods to derive meaningful insights and patterns.
CO4	Drafting of reports adheres to the standards.

Programme	Semester	Course Name
B.T.M	IV	Business Economics

Sr. No.	Course Outcomes
CO1	Understand the concept of transport economics.
CO2	Understanding how market forces influence transportation decisions, pricing strategies, and the allocation of resources within the transportation sector.
CO3	Proficiency in conducting cost-benefit analyses for transportation projects.
CO4	Staying informed about emerging trends in transport economics.



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Programme	Semester	Course Name
B.T.M	IV	Management Accounting

Sr. No.	Course Outcomes
CO1	Understanding and applying methods to analyze and allocate costs.
CO2	Developing skills in preparing budgets, financial forecasts, and variance analysis to support effective decision-making.
CO3	Understanding different types of costs, such as direct costs, indirect costs, variable costs, and fixed costs.
CO4	Mastery of various costing methods, including Break even analysis, Margin of Safety.
CO5	Using cost information to support decision-making processes, such as pricing, product mix, and make-or-buy decisions.



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Programme	Semester	Course Name
B.T.M	IV	Transportation, Containerization and Distribution Management

Sr. No.	Course Outcomes
CO1	Gain a comprehensive knowledge of transport terminal function, four stage modeling process and advance travel forecasting.
CO2	Learn about the container leasing, container manufacturing trends, container terminal business.
CO3	Develop skills in managing distribution channels effectively, covering aspects such as inventory control, order fulfillment, and warehouse management.
CO4	Learn strategies for optimizing transportation networks to enhance efficiency and reduce costs in the movement of goods.



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Programme	Semester	Course Name
B.T.M	IV	Health & Safety and Facility Management

Sr. No.	Course Outcomes
CO1	Understand and apply relevant health and safety regulations and standards in facility management.
CO2	Develop and implement a proper safety management system.
CO3	Promote and monitor safety regulations.
CO4	Efficiently manage facilities by optimizing resources, space utilization, and maintenance procedures.



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Programme	Semester	Course Name
B.T.M	IV	Information & Technology In Transport Management

Sr. No.	Course Outcomes
CO1	Implementing IT tools (excel & advanced excel) into transport management.
CO2	Gain proficiency in using GIS for spatial analysis and mapping in the context of transportation planning and optimization.
CO3	Explore E business into Transport management.



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Programme	Semester	Course Name
B.T.M	V	Human Resource Management & Industrial Relations

Sr. No.	Course Outcomes
CO1	1. Understand human resource management from a strategic perspective of policies
CO2	2. Evaluate HRM functions and working of corporate strategies and policies
CO3	3. Demonstrate the relationship between strategic human resource Management and organizational performance
CO4	4. Examine the application concepts of Industrial Relations and the system in which it operates
CO5	5. Evaluate labor relations, industrial relations systems, and participatory processes at work.



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Programme	Semester	Course Name
B.T.M	V	Transport Costing & Pricing

Sr. No.	Course Outcomes
CO1	Develop effective pricing strategies.
CO2	Ability to demonstrate various cost components associated with transport.
CO3	Develop decision making skills
CO4	Apply critical thinking to solve complex problems

Programme	Semester	Course Name
B.T.M	V	Strategic Management

Sr. No.	Course Outcomes
CO1	1. Understand and apply the Strategic Management process.
CO2	2: Analyze and improve organizational performance.
CO3	3: Illustrate the impact of social, economic and political forces of organization's policy.



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Programme	Semester	Course Name
B.T.M	V	Transport Planning

Sr. No.	Course Outcomes
CO1	Understand principles of traffic flow, congestion management, and develop strategies for optimizing traffic operations.
CO2	Demonstrate proficiency in analyzing and designing transportation networks.
CO3	Evaluate different transportation modes and their impact on efficiency, cost, and environmental factors to make informed decisions about modal split.

Programme	Semester	Course Name
B.T.M	V	Port Operation & Management

Sr. No.	Course Outcomes
CO1	Gain a comprehensive understanding of the various aspects of port operations, including vessel handling, cargo logistics.
CO2	Develop strategies for ensuring safety and security within the port environment, addressing challenges related to personnel, equipment, and cargo handling.
CO3	Demonstrate proficiency in planning and designing port terminals.



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Programme	Semester	Course Name
B.T.M	V	Maritime Transport & Economics

Sr. No.	Course Outcomes
CO1	Understand the economic principles that govern the maritime industry.
CO2	Familiarize yourself with international and national regulations affecting maritime transport.
CO3	Analyze the role of maritime transport in global trade.
CO4	Understand the economic dynamics of ports.

Programme	Semester	Course Name
B.T.M	VI	International Trade & Transport

Sr. No.	Course Outcomes
CO1	Gain knowledge of international trade.
CO2	Develop skills in managing the movement of goods across borders.
CO3	Understand and manage risks associated with international trade.
CO4	Learn to assess international markets.



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Programme	Semester	Course Name
B.T.M	VI	Fleet Operation & Management

Sr. No.	Course Outcomes
CO1	Mastery of principles related to planning, scheduling, and optimizing fleet activities.
CO2	Ability to manage and implement effective vehicle maintenance programs to ensure fleet reliability.
CO3	Knowledge of relevant regulations and compliance standards in the transportation industry.

Programme	Semester	Course Name
B.T.M	VI	Tourism Management

Sr. No.	Course Outcomes
CO1	Comprehensive understanding of the tourism industry.
CO2	Mastery of customer service skills to ensure a positive and satisfying experience for tourists.
CO3	Expertise in planning, developing, and promoting tourist destinations.
CO4	Skills in creating and implementing marketing strategies to attract tourists and promote destinations.



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Programme	Semester	Course Name
B.T.M	VI	Community Development Project

Sr. No.	Course Outcomes
CO1	Ability to conduct thorough needs assessments to Describe community issues and priorities.
CO2	Skills in engaging and collaborating with diverse community stakeholders to ensure inclusive decision-making.
CO3	Competence in developing and managing community development projects

Programme	Semester	Course Name
B.T.M	VI	Transport Policy & Documentation

Sr. No.	Course Outcomes
CO1	Ability to conduct thorough needs assessments to Describe community issues and priorities.
CO2	Skills in engaging and collaborating with diverse community stakeholders to ensure inclusive decision-making.
CO3	Competence in developing and managing community development projects
CO4	Creating, managing, and interpreting transportation-related documents.



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**COURSE OUTCOMES**

Programme	Semester	Course Name
B.F.M	I	Financial Accounting - II

Sr .No	Course Outcomes
CO1	Explain the concepts like Redemption issue of shares and debentures.
CO2	Describe accounting treatment for redemption, issue and bonus issue. Principles of Management II
CO3	Define the concepts related to management and demonstrate the roles skills and functions of management.
CO4	Analyze the effective application of management knowledge to diagnose and solve organizational problems and develop optimal managerial decisions



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Programme	Semester	Course Name
B.F.M	I	Business Statistics

Sr.No	Course Outcomes
CO1	Identify the method to use in case of uncertainty.
CO2	Summarize various statistical techniques which will be useful in various business applications.

Programme	Semester	Course Name
B.F.M	I	Principles of Finance

Sr.No	Course Outcomes
CO1	Discuss how to deal with company finance.
CO2	Explain how to track the requirement of finance, plan the finance of company and how to tackle the shortcomings of finance.

Programme	Semester	Course Name
B.F.M	I	Business Communication - I

Sr.No	Course Outcomes
CO1	Define the theoretical aspects of day to day workings of a business organization.
CO2	Evaluate job market expectations and accordingly vital tips for personality development are given



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Programme	Semester	Course Name
B.F.M	I	Foundation Course - I

S. No	Course Outcomes
CO1	Explain overview of constitutional and legal rights, violations, and redressal mechanisms w.r.t.vulnerable sections of the society, disaster management, science and technology, and soft skills.
CO2	Solve the problem through group discussions, presentations etc along with the lectures will enhance the confidence and skills .

Programme	Semester	Course Name
B.F.M	I	Environmental Science

Sr .No	Course Outcomes
CO1	Explain about the environment, environmental factors and natural resources.
CO2	Describe about environment management and steps towards the same.



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Programme	Semester	Course Name
B.F.M	I	Computer Skills - I

Sr .No	Course Outcomes
CO1	Explain basic concepts related to computers that will help them to solve basic questions in aptitude exams.
CO2	Apply various techniques to develop their skills in excel and word.

Programme	Semester	Course Name
B.F.M	II	Financial Accounting - II

Sr .No	Course Outcomes
CO1	Explain concepts like Redemption issue of shares and debentures.
CO2	Analyze accounting treatment for redemption, issue and bonus issue. Principles of Management II
CO3	Describe the concepts related to management and demonstrate the roles skills and functions of management
CO4	Analyze the effective application of management knowledge to diagnose and 64 solve organizational problems and develop optimal managerial decisions



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Programme	Semester	Course Name
B.F.M	II	Business Statistics

Sr.No	Course Outcomes
CO1	Solve the problems by good decision making in case of uncertainty.
CO2	Discuss about various statistical techniques which will useful in various business applications.

Programme	Semester	Course Name
B.F.M	II	Principles of Finance

Sr.No	Course Outcomes
CO1	Describe about how to deal with company finance.
CO2	Explain how to track the requirement of finance, plan the finance of company and how to tackle the shortcomings of finance.



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Programme	Semester	Course Name
B.F.M	II	Business Communication - I

Sr.No	Course Outcomes
CO1	Define the theoretical aspects of day to day workings of a business organization
CO2	Analyze job market expectations and accordingly vital tips for personality development are given

Programme	Semester	Course Name
B.F.M	II	Foundation Course - I

Sr.No	Course Outcomes
CO1	Describe overview of constitutional and legal rights, violations, and redressal mechanisms w.r.t.vulnerable sections of the society, disaster management, science and technology, and soft skills
CO2	Analyze the problem through group discussions, presentations etc. along with the lectures will enhance the confidence and skills of learners



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Programme	Semester	Course Name
B.F.M	II	Environmental Science

Sr.No	Course Outcomes
CO1	Explain about the environment, environmental factors and natural resources.
CO2	Discuss about environment management and steps towards the same

Programme	Semester	Course Name
B.F.M	II	Computer Skills - I

Sr.No	Course Outcomes
CO1	Define the basic concepts related to computers that will help them to solve basic questions in aptitude exams.
CO2	Apply the techniques to improve their skills in excel and word.



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Programme	Semester	Course Name
B.F.M	II	Cost Accounting

Sr.No	Course Outcomes
CO1	Explain various costing systems and management systems.
CO2	Analyze cost-volume-profit techniques to determine optimal managerial decisions.
CO3	Apply cost accounting methods for both manufacturing and service industry.

Programme	Semester	Course Name
B.F.M	III	CORPORATE ACCOUNTS

Sr. No	Course Outcomes
CO1	Define different terminology used in Companies Account regarding Shares and Debenture.
CO2	Explain the procedure regarding redemption of preference shares and Preparation of Companies Balance sheet as per Companies Act 2013.
CO3	Apply the provisions and different methods of redemption of debentures.
CO4	Explain the concept and principles for ascertainment of Profit Prior to Incorporation and preparation of Income Statement.



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Programme	Semester	Course Name
B.F.M	III	DIRECT TAX

Sr.No	Course Outcomes
CO1	Understand the basic concepts of Direct Taxes on Individual, Firm, NRI, Residential Status etc.
CO2	Explain the importance and the basic knowledge of tax structure in the country.
CO3	Focus on the practical applicability of taxes in the Corporates to pay on time.
CO4	Evaluate and understand the calculations of various taxes along with deductions and exemptions given by the Government time to time.



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Programme	Semester	Course Name
B.F.M	III	COST ACCOUNTING

Sr.No	Course Outcomes
CO1	Understand the basic concepts of cost, Elements and classification of cost.
CO2	Explain and record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Identify the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.
CO5	Identify the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.



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Programme	Semester	Course Name
B.F.M	III	ENTREPRENEURIAL DEVELOPMENT

Sr .No	Course Outcomes
CO1	gives introduction of entrepreneur and entrepreneurship, Entrepreneurial Project Development, forms of organization

Programme	Semester	Course Name
B.F.M	III	MANAGEMENT ACCOUNTING

CO1	Define the concept, function and Scope of Management Accounting Apply it in facilitating decision making. The learner would able
CO2	Analyze financial statement by using various ratios and interpret the results of the ratios.
CO3	Define the estimated period of completion and Profitability of long-term investment and equip with various techniques of capital budgeting decisions.



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Programme	Semester	Course Name
B.F.M	III	BUSINESS LAW

Sr .No	Course Outcomes
CO1	Define the methodology of formation of company, its registration and functioning of the company. apply the rights of consumer and various provision of Competition of Act 2002 in practical life
CO2	Apply the way of formation, dissolution of partnership in real life.
CO3	Explain the procedure for registration of Intellectual property Right and protect it from infringement of their rights.

Programme	Semester	Course Name
B.F.M	III	BUSINESS REGULATORY FRAMEWORK

Sr .No	Course Outcomes
CO1	Define ethics and morals. To understand the importance of following ethics while doing business.



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Programme	Semester	Course Name
B.F.M	IV	<b>CORPORATE ACCOUNTS – II</b>

Sr .No	Course Outcomes
CO1	Understand the basics of Accounting.
CO2	Evaluate inventory valuation.
CO3	Assess the consignment accounts.
CO4	Judge the fire insurance claim.

Programme	Semester	Course Name
B.F.M	IV	<b>DIRECT TAX – II</b>

Sr .No	Course Outcomes
CO1	Define various definitions of terms related to direct tax.
CO2	Explain heads of income and deductions.
CO3	Solve computation of total income.



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Programme	Semester	Course Name
B.F.M	IV	COST ACCOUNTING – II

Sr .No	Course Outcomes
CO1	Define the basic concepts of cost, Elements and classification of cost.
CO2	Explain and record different types of costs relating to material, labour and overheads in the cost sheet.
CO3	Describe Inventory Control and Inventory Accounting and prepare Stock Ledger to value inventories.
CO4	Identify the reasons for disagreement of profits shown by Financial Accounts and Cost Accounts and prepare Reconciliation Statement.

Programme	Semester	Course Name
B.F.M	IV	IT IN MANAGEMENT

Sr .No	Course Outcomes
CO1	Define the E commerce and ICT.
CO2	Explain the computer organizations and internet.
CO3	Apply ICT soft tools (work processor & spreadsheet) into transport management.



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Programme	Semester	Course Name
B.F.M	IV	CORPORATE FINANCE

Sr .No	Course Outcomes
CO1	Explain the Sources of Finance in Corporates.
CO2	Use different tools and techniques of Sources of Funds and its Applications for better decision making.
CO3	Analyze data and take a part in financial decision making.
CO4	Examine corporate markets with relevance to Corporate Finance.

Programme	Semester	Course Name
B.F.M	IV	CORPORATE LAW

Sr .No	Course Outcomes
CO1	Explain about Indian Partnership Act 1932.
CO2	Explain limited liability partnership act 2008.
CO3	Explain factories act 1948.



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Programme	Semester	Course Name
B.F.M	IV	OFFICE MANAGEMENT

Sr .No	Course Outcomes
CO1	Explain Office Accommodation and Environment, Office Automation, HRM for office Management and Planning and Scheduling Office Work

Programme	Semester	Course Name
B.F.M	V	CORPORATE ACCOUNTING - III

Sr .No	Course Outcomes
CO1	Prepare financial statements of companies as per provisions of Companies Act.
CO2	Differentiate between Internal Reconstruction and External Reconstruction and to execute the legal and accounting aspect of internal reconstruction.



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Programme	Semester	Course Name
B.F.M	V	AUDITING - I

Sr .No	Course Outcomes
CO1	Explain the audit planning procedures and documentation.
CO2	Define the basic concepts of Internal Auditing.

Programme	Semester	Course Name
B.F.M	V	BUSINESS ETHICS

Sr .No	Course Outcomes
CO1	Explain the meaning of ethics and morals. To understand the importance of following ethics while doing business.
CO2	Explain the importance of ethics while doing business.



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Programme	Semester	Course Name
B.F.M	V	FINANCIAL ANALYSIS & BUSINESS VAL.

Sr .No	Course Outcomes
CO1	Explain the various types of investments, risk return, active and passive investment strategies.

Programme	Semester	Course Name
B.F.M	V	RESEARCH METH. IN FINANCIAL MGMT

Sr .No	Course Outcomes
CO1	Evaluate the introduction to research, collects data, processes and analysis and gives research report.



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Programme	Semester	Course Name
B.F.M	VI	CORPORATE ACCOUNTING – IV
Sr .No	Course Outcomes	
CO1	Explain how to maintain and record accounting entries in the books of Transferor and Transferee Company.	
CO2	Apply the various concepts to find out profit and loss arise due to International Transaction (Import and Export) of Goods and Assets and implement accounting standard in respect of foreign currency transaction.	
CO3	Familiarize with various types of underwriting and determine Underwriter's Liability.	



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Programme	Semester	Course Name
B.F.M	VI	<b>CORPORATE ACCOUNTING – IV</b>

Sr .No	Course Outcomes
CO1	Explain how to maintain and record accounting entries in the books of Transferor and Transferee Company.
CO2	Apply the various concepts to find out profit and loss arise due to International Transaction (Import and Export) of Goods and Assets and implement accounting standard in respect of foreign currency transaction.
CO3	Familiarize with various types of underwriting and determine Underwriter's Liability.



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Programme	Semester	Course Name
B.F.M	VI	AUDITING - II

Sr .No	Course Outcomes
CO1	Critically studies the voucher and verifies it. Understand the audit standards and examines audit companies.

Programme	Semester	Course Name
B.F.M	VI	ORGANIZATIONAL BEHAVIOR

Sr .No	Course Outcomes
CO1	Analyze the organizational behaviour, interpersonal relationships, group behaviour. manages stress and changemanagement.



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Programme	Semester	Course Name
B.F.M	VI	SECURITY ANALYSIS & PORTFOLIO MGMT.

Sr .No	Course Outcomes
CO1	Evaluate portfolio managements, values it. Gives fundamental analysis and technical analysis.

Programme	Semester	Course Name
B.F.M	VI	FINANCIAL MANAGEMENT - II

Sr .No	Course Outcomes
CO1	Evaluates risk and return. decides capital; structure. Manages cash and receivables.



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**BACHELOR MANAGEMENT STUDIES (B.M.S)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
B.M.S	I	Business Economics

Sr. No	Course Outcomes
CO1	Understand the significance of Business Economics in the contemporary global world.
CO2	Provide examples of production and cost functions.
CO3	Concentrate on Microeconomics principles.
CO4	Elaborate on the estimation of Demand and Forecasting.
CO5	Explore how an organization does the Costing of the product
CO6	Display expertise in the fundamental principles that underpin an economy.



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Programme	Semester	Course Name
B.M.S	I	Foundation of Human Skills

Sr. No	Course Outcomes
CO1	Understand the Human nature and their behavior in organization
CO2	Focus on team building and group behavior in the organization and in society.
CO3	Analyze the basic behavior pattern of human, which are important for business.
CO4	Discuss the different kinds of human nature with greater awareness of the human behavior.

Programme	Semester	Course Name
B.M.S	I	Foundation Course – I
Sr. No	Course Outcomes	
CO1	Understand overview of Indian Society,	
CO2	Develop the concepts of disparity with regards to gender,	
CO3	Examine various disparities in caste, intergroup conflict, Focus on Indian Constitution & Fundamental Duties, Analyze Political processes & various amendments.	



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Programme	Semester	Course Name
<b>B.M.S</b>	<b>1</b>	<b>Business Law</b>
CO1	Understand the legal framework with regards to the Law of Contract 1872,	
CO2	Explain the Sale of Goods Act 1930,	
CO3	Examine the Negotiable Instrument Act 1881 Illustrate the Consumer Protection Act 1986	

Programme	Semester	Course Name
<b>B.M.S</b>	<b>1</b>	<b>BUSINESS STATISTICS</b>
CO1	Understanding the fundamental Statistical Tools which can help them in analyzing the business data.	
CO2	Discuss with the student's ability to deal with numerical and quantitative issues in business	
CO3	Analyze and contrast techniques and bases of Quantitative Methods within the context they are to be applied.	
CO4	Examine issues surrounding sampling and significance	



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Programme	Semester	Course Name
B.M.S	1	BUSINESS COMMUNICATION I
CO1	Understand basic theory of communication,	
CO2	Critically analyses various barriers to communication	
CO3	Examine parts & structure of business correspondence	
CO4	Develop Language & Writing Skills	

Programme	Semester	Course Name
B.M.S	1	INTRODUCTION TO FINANCIAL ACCOUNTING
CO1	Understand the preparation of basic Financial Data and balance sheet.	
CO2	Explain the Indian Accounting Standards, concepts and conventions.	
CO3	Examine the preparation of the Bank Reconciliation Statement	
CO4	Familiarize the Charges of Depreciation on various assets.	



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Programme	Semester	Course Name
B.M.S	II	PRINCIPLES OF MARKETING

Sr. NO	Course Outcomes
CO1	Illustrate the different ideas of marketing concept.
CO2	Discuss the techniques about how to identify, understand and satisfy the needs of customers and markets.
CO3	Examine marketing mix and its four important elements which are required in the business.
CO4	Analyze companies and competitors and to introduce Marketing Strategies to increase awareness of the strategic and tactical decisions behind today's top performing brands.
CO5	Develops basic Marketing skills among students in order to cater to the Marketing Industry.
CO6	Critically Analyse the Marketing Theories & Concepts and understand the relevance in perspective to current business scenario in India.

Programme	Semester	Course Name
B.M.S	II	INDUSTRIAL LAW
CO1	Understand the Judicial setup of Labour Laws.	
CO2	Discuss the salient features of Welfare and Wage Legislations.	
CO3	Focus on the laws relating to Industrial Relations, Social Security and Working conditions.	
CO4	Enhance skills regarding the laws related to Working Conditions in different settings.	



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Programme	Semester	Course Name
B.M.S	II	BUSINESS MATHEMATICS
CO1	Understand and calculate ratio, proportion & percentage,	
CO2	Demonstrate to solve practical sums on profit and loss	
CO3	Evaluate concepts & calculate interest & annuity	
CO4	Explain simple problems on shares and mutual fund.	

Programme	Semester	Course Name
B.M.S	II	BUSINESS COMMUNICATION – II
CO1	1. Enhance presentations skills,	
CO2	2. Understand group communication - prepare for interview, meetings, conference and Public Relations,	
CO3	3. Discuss trade letters like inquiry letter, complaint letter, RTI letter, grievance letter, sales letters etc.	
CO4	Explain Reports & Summarize and enhance language & writing skills	

Programme	Semester	Course Name
B.M.S	II	FOUNDATION COURSE - II
CO1	Understand concepts of Liberalization, Privatization and Globalization and its impact on employment & society	
CO2	Explain knowledge on the Human Rights,	
CO3	Discuss environmental concerns, causes of degradation, promoting sustainable development,	
CO4	Identify causes of stress and conflicts in the society and manage stress and promote socialization.	



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Programme	Semester	Course Name
<b>B.M.S</b>	<b>II</b>	<b>BUSINESS ENVIRONMENT</b>
CO1	Explain business objectives and environmental analysis,	
CO2	Understand the relation between business & society and aware about business ethics & Consumer Protection Act,	
CO3	Illustrate the CSR, Carbon Credit and Social Audit,	
CO4	Provide information about Foreign Trade, International Organizations, Global Strategies – MNCs & TNCs.	

Programme	Semester	Course Name
<b>B.M.S</b>	<b>II</b>	<b>PRINCIPLES OF MANAGEMENT</b>
CO1	Discuss the basic Managerial Functions of Planning, Organizing, Staffing, Directing and Controlling resources to accomplish organizational goals.	
CO2	Understanding the characteristics and skills of proper management by identifying what successful managers do and how they do it.	
CO3	Explain the various tools and techniques to remain in competitive.	
CO4	Illustrate the diverse learning opportunities for developing analytical and soft skills	



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Programme	Semester	Course Name
B.M.S	III	FOUNDATION COURSE - III
CO1	Identify and value the effect of the pollutants on the environment: atmosphere, air, water and soil.	
CO2	Illustrate skills and an improved understanding of how firms and organizations work with sustainability issues such as Environmental and Natural Resource Management.	
CO3	Demonstrate professional Business Communication skills through writing, presentations and group discussions.	

Programme	Semester	Course Name
B.M.S	III	INFORMATION TECHNOLOGY IN BUSINESS MANAGEMENT-I
CO1	Understand basic concept of Email, Internet and Website Domains and Security.	
CO2	Illustrate basic concept of Information Technology its support and role in Management for Managers.	
CO3	Enhance working knowledge of concepts and terminology related to information technology in open source.	



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Programme	Semester	Course Name
B.M.S	III	<b>BUSINESS PLANNING &amp; ENTREPRENEURIAL MANAGEMENT</b>
CO1	Understand the basic concepts of Entrepreneurship to budding managers.	
CO2	Develop responsibility of full line of management function of a company with special reference to SME sector.	
CO2	Identify areas of Discipline of Management & Entrepreneurship.	

Programme	Semester	Course Name
B.M.S	III	<b>ACCOUNTING FOR MANAGERIAL DECISIONS</b>
CO1	Equip management learners with basic Accounting Fundamentals for making Business decisions.	
CO2	Develop financial analysis skills among learners.	
CO3	Focus should be placed on explaining the core concepts of business Finance and its importance in managing a business.	



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Programme	Semester	Course Name
B.M.S	III	STRATEGIC MANAGEMENT
CO1	Understand and apply the Strategic Management process.	
CO2	Analyze and improve organizational performance.	
CO3	Illustrate the impact of social, economic and political forces of organization's policy.	

Programme	Semester	Course Name
B.M.S	III	INTRODUCTION TO COST ACCOUNTING
CO1	Understand the basic concepts and the tools used in Cost Accounting	
CO2	Enable the students to understand the principles and procedure of Cost Accounting and to apply them to different practical situations.	
CO3	Explain and solve problems related to Process Costing, Job Costing, Cost Classification etc. CO4: Demonstrate reconciliation of cost sheet and financial accounts.	



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Programme	Semester	Course Name
B.M.S	III	CORPORATE FINANCE
CO1	Understand the Sources of Finance in Corporates.	
CO2	Focus on different tools and techniques of Sources of Funds and its Applications for better decision making.	
CO3	Analyze data and take a part in financial decision making.	
CO4	Examine corporate markets with relevance to Corporate Finance.	

Programme	Semester	Course Name
B.M.S	III	RECRUITMENT & SELECTION
CO1	Familiarize the students with concepts and principles, procedure of Recruitment and Selection in an organization.	
CO2	Understand and make learner acquainted with practical aspects of the subject.	
CO3	Describes job analysis, job design and induction as well.	

Programme	Semester	Course Name
B.M.S	III	MOTIVATION & LEADERSHIP
CO1	Analyze how leaders, facilitate group development and problem solving.	
CO2	Equip the students about practical approaches to Motivation and Leadership & its application in the Organization.	
CO3	Understand work through problems and issues as well as transcend the differences.	



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Programme	Semester	Course Name
<b>B.M.S</b>	<b>III</b>	<b>Consumer Behavior</b>
CO1	Develop an understanding about the consumer decision making process and its application to the marketing function of a firm.	
CO2	Have basic knowledge about the issues & dimensions of consumer behavior	
CO3	Students are expected to develop the skill of understanding & analyzing consumer information and using it to create marketing-oriented strategies	

Programme	Semester	Course Name
<b>B.M.S</b>	<b>III</b>	<b>Product Innovation &amp; Management</b>
CO1	Understand the concept of innovations and relevance of innovations in the present-day scenario.	
CO2	Understand the importance of protecting innovations and legal aspects related to innovations	
CO3	Study product innovations, process innovations and innovations diffusion.	



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Programme	Semester	Course Name
B.M.S	IV	<b>INFORMATION TECHNOLOGY IN BUSINESS MANAGEMENT-II</b>
CO1	Analyze how Information Technology impacts a firm.	
CO2	Interpret how to use Information Technology to solve business.	
CO3	Understand the concept of outsourcing.	

Programme	Semester	Course Name
B.M.S	IV	<b>FOUNDATION COURSE – IV</b>
CO1	Focus on teams, execute task assigned and perform on timelines set.	
CO2	Familiarize the importance and application of ethics in modern business practices.	
CO3	Illustrate case studies, learner will develop a moral and ethical perspective of looking at business problems	



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Programme	Semester	Course Name
B.M.S	IV	<b>BUSINESS RESEARCH METHODS</b>
CO1	Apply a range of Quantitative and Qualitative Research Techniques to Business and Management Problems and issues.	
CO2	Understand and apply research approaches, techniques and strategies in the appropriate manner for managerial decision making.	
CO3	Examine diverse learning opportunities to develop analytical and soft skills through Research.	

Programme	Semester	Course Name
B.M.S	IV	<b>PRODUCTION &amp; TOTAL QUALITY MANAGEMENT</b>
CO1	Discuss basic knowledge in Total Quality Management relevant to both Manufacturing and Service Industry including IT sector.	
CO2	Implement the basic principles of TQM in manufacturing and service-based organization.	
CO3	Apply the basic knowledge of quality in production.	



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Programme	Semester	Course Name
B.M.S	IV	BUSINESS ECONOMICS-II
CO1	Analyze the role of public policy in shaping those application in Organization markets.	
CO2	Understand application of macroeconomics the functioning of market economies at regional,national, and global levels.	
CO3	Examine the role of public policy in shaping those global level.	

Programme	Semester	Course Name
B.M.S	IV	STRATEGIC COST MANAGEMENT
CO1	Develop skills of analysis, evaluation and synthesis in cost and management accounting.	
CO2	Familiarize the learners to understand and develop new strategies for cost management.	
CO3	Understanding various decision-making and controlling operations techniques by managingcost.	



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Programme	Semester	Course Name
B.M.S	IV	Financial Institutions and Market
CO1	To understand the Indian Financial System and its functioning.	
CO2	To understand the role and functions of financial regulators.	
CO3	To learn about financial markets in detail.	
CO4	To learn about financial system designs of Developed countries.	

Programme	Semester	Course Name
B.M.S	IV	Conflict Negotiation
CO1	To understand the nature of conflicts, their causes and outcomes.	
CO2	To study the aspects of conflict management and how to handle them effectively.	
CO3	To get insight into negotiation and negotiation process.	
CO4	To understand the role of third-party negotiation and skills for effective negotiation.	



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Programme	Semester	Course Name
B.M.S	IV	Rural Marketing
CO1	This paper allows students to explore various facets of rural marketing.	
CO2	Expose them towards rural market environment and challenges in the globalized economies.	

Programme	Semester	Course Name
B.M.S	IV	Integrated Marketing Communication
CO1	This course helps students to achieve general understanding regarding basic elements of IMC program and its implementation along with the ethics followed in marketing communication.	

Programme	Semester	Course Name
B.M.S	V	LOGISTICS AND SUPPLY CHAIN MANAGEMENT
CO1	Focus on the concepts of applied in Logistics and Supply Chain Management.	
CO2	Illustrate concepts like inbound and outbound Logistics, offshore and inshore logistics.	
CO3	Develop skills for planning, designing the operational facilities of supply chain with the analytical and critical point of view.	
CO4	Understand how logistics play an important role in redefining value chain globally	



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Programme	Semester	Course Name
B.M.S	V	<b>CORPORATE COMMUNICATION &amp; PUBLIC RELATIONS</b>
CO1	Understand the concepts of Corporate Communication and Public Relations.	
CO2	Familiarize various aspects of corporate communication and its correspondence.	
CO3	Explain various aspects and theories of Public Relations.	
CO4	Demonstrate various Mass Media laws and use of technology and correspondence in day-to-day activities of an organization.	

Programme	Semester	Course Name
B.M.S	V	<b>INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT</b>
CO1	Equip the term such as Beta & capital Assets Pricing Model for better correlation in practical world.	
CO2	Analyze concept of risk & return associated with various investments avenues. Understand various model & techniques of security portfolio analysis.	
CO3	Familiarize short term & long-term investments avenues and will be able to develop Portfolio Management.	



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Programme	Semester	Course Name
B.M.S	V	FINANCIAL ACCOUNTING
CO1	Understand the final accounts of companies	
CO2	Familiarize provisions relating to underwriting of shares and debentures. Demonstrate accounting of foreign currency and investments	
CO3	Identify the need of ethical behavior in accountancy and its practical applicability.	

Programme	Semester	Course Name
B.M.S	V	DIRECT TAXES
CO1	Understand the basic concepts of Direct Taxes on Individual, Firm, NRI, Residential Status etc.	
CO2	Explain the importance and the basic knowledge of tax structure in the country.	
CO3	Focus on the practical applicability of taxes in the Corporates to pay on time.	
CO4	Evaluate and understand the calculations of various taxes along with deductions and exemptions given by the Government time to time.	

Programme	Semester	Course Name
B.M.S	V	Risk Management
CO1	Demonstrate knowledge of the range of financial and financial related risks facing organizations	
CO2	Manage risk cost effectively on an enterprise-wide basis.	
CO3	Identify and categorize the various risks face by an insurance organization	



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Programme	Semester	Course Name
B.M.S	V	FINANCE FOR HR PROFESSIONALS AND COMPENSATION MANAGEMENT
CO1	Understanding HR professionals within financial concepts to enable them to make Prudent HR decisions.	
CO2	Evaluating the various compensation plans available for Human Resources.	
CO3	Illustrate the issues related to compensation management and the legal framework of a country.	
CO4	Familiarize the role of various bodies involved in Compensation Management.	
CO4	Examine the various dimensions of Compensation	
CO5	Understanding HR professionals within financial concepts to enable them to make Prudent HR decisions. Management used by the companies to attract, retain, motivate and to reward employee performance.	



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Programme	Semester	Course Name
B.M.S	V	STRATEGIC HUMAN RESOURCE MANAGEMENT AND HR POLICIES
CO1	Understand human resource management from a strategic perspective of policies.	
CO2	Evaluate HRM functions and working of corporate strategies and policies.	
CO3	Demonstrate the relationship between strategic human resource Management and organizational performance.	
CO4	Analyze the policies available for Human Resources and its application in an organization.	

Programme	Semester	Course Name
B.M.S	V	INDUSTRIAL RELATIONS
CO1	Examine the application concepts of Industrial Relations and the system in which it operates.	
CO2	Evaluate labor relations, industrial relations systems, and participatory processes at work.	
CO3	Demonstrate the various procedure concerning worker participation and participatory institutions and instruments of trade union representation.	
CO4	Understand the various processes and procedures of handling Employee Relations in Corporate environment.	



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Programme	Semester	Course Name
B.M.S	V	Stress Management
CO1	Apply stress management principles in order to achieve high levels of performance.	
CO2	List out tactics for successful time management	
CO3	Access and analyze the symptoms, causes and effects of personal and academic stressors in order to implement appropriate stress management techniques	

Programme	Semester	Course Name
B.M.S	V	E-Commerce & Digital Marketing
CO1	Assess e commerce requirement of a business	
CO2	an understanding of the foundations and importance of E-commerce	
CO3	Explain regulatory environment of ecommerce.	

Programme	Semester	Course Name
B.M.S	V	Customer Relationship
CO1	Understand CRM marketing initiatives, customer service Learn to design CRM strategy. Understand new trends in CRM, challenges and opportunities for organizations.	



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Programme	Semester	Course Name
B.M.S	V	Service Marketing
CO1	1. To Define and Examine service concepts used by service industries and by discussing the rationale for the application.	
CO2	2. To provide the appropriate theories, models, and other tools to make better decisions in services.	
CO3	3. To formulate effective service design for both consumer and business products/services.	
CO4	To offer diverse learning opportunities to develop analytical and soft skills	



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**MASTER OF ARTS (M.A)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
M. A	I	History of Early India (upto 1000 CE)

Sr. No.	Course Outcomes
CO1	Explain the rich landscape of historical India, as well as the importance of rivers and how they affected patterns of living conditions. The caste system, social structures, and cultural influences like as literature, philosophy, art, architecture, and religion can all be presented to students.
CO2	Identify ancient India's farming, trade, and commerce-oriented economic systems.
CO3	Describe the teachings of important individuals as well as major religious and philosophical systems like Buddhism, Jainism, and Hinduism.
CO4	Interpret how the cultural, political, and social elements of early Indian history continue to shape modern culture.



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Programme	Semester	Course Name
M. A	I	History of Medieval India (1200 CE to 1700 CE)

Sr. No.	Course Outcomes
CO1	Describe important events and changes in Medieval India. Heritage Respect: Understand how Hindu, Islamic, and native themes are combined in literature, art, and architecture.
CO2	Explain the ascent and descent of dynasties such as the Mughals and Delhi Sultanate. Research trade routes, agrarian practices, and economic systems to gain an understanding of economics.
CO3	Define Assess caste systems, societal structures, and women's status. Religious Transformations: Explore how the Sufi, Islam, and Bhakti movements affected medieval civilization.
CO4	Explain about Compile, evaluate, and integrate historical data from several sources.



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Programme	Semester	Course Name
M. A	I	History of Modern India (1757 CE to 1947 CE)

Sr. No.	Course Outcomes
CO1	Explain about British colonization impacted the Indian subcontinent from 1757 to 1947.
CO2	Analyse the reform movements, cultural renaissance, and societal shifts that occurred during this pivotal time. Study how the Indian economy changed under British administration, taking into consideration the effects of commerce and industrialization.
CO3	Acknowledge the many facets of the independence movement, from nonviolent campaigns to revolutionary endeavors. Examine the events that led to India's 1947 division and subsequent victory over independence.
CO4	Analyze the way significant figures in determining the destiny of the nation, such as Jawaharlal Nehru and Mahatma Gandhi, shaped it. Examine the principles and construction of the Indian Constitution.



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Programme	Semester	Course Name
M. A	I	History of Marathas (1630 CE- 1680 CE)

Sr. No.	Course Outcomes
CO1	Define the Marathas' ascent from 1630 to 1680 as a major political and military force on the Indian subcontinent. Analyze the methods and leadership of Chhatrapati Shivaji Maharaj, who was instrumental in the founding and upholding of the Maratha Empire.
CO2	Interpret how the Marathas' creative use of guerrilla tactics contributed to their military success.
CO3	Describe Maratha Culture and Culture: Study literary works, artistic creations, and architectural designs of this era's Maratha society.
CO4	Identify some of the challenges the Marathas came across such as disputes with the Mughals and other local rulers.



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Programme	Semester	Course Name
M. A	II	History of Women's Movement in India

Sr. No.	Course Outcomes
CO1	Summarize the historical context and growth of the Indian women's movement.
CO2	Identify the ways in which women's issues were entwined with more general social reform movements, like the anti-sati movement and widow remarriage.
CO3	Define the laws that have been changed and the legal reforms that have been put in place to address gender inequality.
CO4	Analyze the various, liberal to radical feminist philosophies that are present in the movement.

Programme	Semester	Course Name
M. A	II	Research Methodology

Sr. No.	Course Outcomes
CO1	Demonstrate proficiency in economic research. A. Students should be able to identify a research question.
CO2	Explain the research process in economic research. Students are able to identify research data and are capable of compiling its truth.
CO3	Use library and other resources to write a literature review that reflects higher-order critical thinking skills





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Programme	Semester	Course Name
M. A	III	History of Architecture in Medieval India

Sr. No..	Course Outcomes
CO1	Architectural Styles: Recognise the many Indo-Islamic, Indo-Aryan, and Deccan architectural styles that were prominent in medieval India. Monumental: Uncover the historical and cultural significance of famous buildings like the Red Fort, Taj Mahal, and Qutub Minar.
CO2	Study the architectural and design concepts of medieval syncretic construction sites, mosques, and temples that represented the period's religious diversity. Palaces: Explore the defensive qualities of forts like as Chittorgarh and the elaborate architectural styles of palaces like Jaipur's City Palace.
CO3	Innovative: Have a look at the technological achievements of the time, such as the domes, arches, and minarets. Appreciate the ways in which sculpture and art have been integrated into architectural designs, expressing the artistic and cultural sensibilities.



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Programme	Semester	Course Name
M. A	III	History of War and Society in 20th Century India

Sr. No.	Course Outcomes
CO1	Explain India's participation in both World Wars I and II as a British colony.
CO2	Explain the socio-military facets of India's 1947 division and the wars that followed, particularly the Indo-Pak hostilities.
CO3	Recognize the efforts being made to bring the military up to date, taking into account defensive strategies and technical developments. Examine India's involvement in UN peacekeeping operations and how it promotes international security and peace.



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Programme	Semester	Course Name
M. A	III	3) Indian National Movement (1857 CE to 1947 CE)

Sr. No.	Course Outcomes
CO1	Describe 1857 Rebellion the reasons behind and effects of the 1857 rebellion as a model for the larger independence movement.
CO2	Describe the theory and significance of peaceful resistance, as demonstrated by Gandhi's Satyagraha ideals. Analyze the causes of India's 1947 partition and the country's eventual independence.
CO3	Recognize the importance of large-scale movements such as the Khilafat Movement, the Quit India Movement, and the Salt March. Constitutional Development: Examine how the Indian Constitution was framed.



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Programme	Semester	Course Name
M. A	IV	History of Modern Maharashtra (1818 CE -1960 CE)

Sr. No.	Course Outcomes
CO1	Explain about after Maratha Period Maharashtra's sociopolitical climate following the Maratha Empire's fall in 1818 CE.
CO2	Describe Social-religious movements that support education and social equality, such as the Satyashodhak Samaj.
CO3	Recognize how Marathi language and culture were promoted and preserved during this time.



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Programme	Semester	Course Name
M. A	IV	History of Contemporary World (1945 CE – 2000 CE)

Sr. No.	Course Outcomes
CO1	Summarize about Post-World War II students can understand the changes in geopolitical and the UN's founding in the years following World War II.
CO2	Explain the process of decolonization and the rise of new countries in the Middle East, Africa, and Asia after world war.
CO3	Recognize the significance of social and cultural actions such as environmentalism, feminism, and the civil rights struggle.



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**MASTER OF M.Com**

**COURSE OUTCOMES**

<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>M.Com</b>	<b>I</b>	<b>Advance cost and Management Accounting</b>

<b>Sr. No.</b>	<b>Course Outcomes</b>
CO1	Define, understand and explain the concepts of marginal costing, absorption costing, standard costing, operating costing, budgetary control.
CO2	Apply the techniques of costing in decision making and prepare the statement of operating cost per unit and types of budgets.
CO3	Analyse, classify & prepare the different types of budgets.
CO4	Evaluate the reason for variances by comparing the standard cost with actual cost



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Programme	Semester	Course Name
M.Com	I	Direct and Indirect Taxation (Income Tax)

Sr. No.	Course Outcomes
CO1	Define, understand and explain the concepts of a person, previous year, assessment year, assesses residential status and scope of total income
CO2	Explain about plan investments reduce tax liability
CO3	Recognize the incomes as exempt and taxable, expenses as allowable and disallowable under the Income Tax Act
CO4	Identify the tax liability of a person from the various heads of Income
CO5	Define the concepts of Interstate supply, intra state supply, forward charge mechanism, reverse charge mechanism



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Programme	Semester	Course Name
M.Com	I	Advance Financial Accounting

Sr. No.	Course Outcomes
CO1	Define the concepts of foreign currency transactions, statutory requirements of banking companies, insurance companies and cooperative societies
CO2	Summarize and explain the concepts of NPA and statutory requirements of banking companies and cooperative societies.
CO3	Analyze final accounts of banking companies, insurance companies and cooperative societies
CO4	Evaluate the impact of changes in foreign exchange rates



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Programme	Semester	Course Name
M.Com	I	Mutual Fund Management and Wealth Management

Sr. No.	Course Outcomes
CO1	Evaluate inventory control system, SERQUAL model, credit rating and types of mutual funds.
CO2	Define and explain basic concepts of ratio and percentage, shares and mutual funds and interest
CO3	Analyze profit or loss on sale, interest, mutual funds and shares, ratio and proportion
CO4	Explain the concepts of financial services, Merchant Banking, Factoring, Forfeiting, Securitization , Mutual Funds
CO5	Describe the concept of production & inventory management, quality management, Indian financial system, Mutual funds, commodity market, Derivative market & micro-finance.



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Programme	Semester	Course Name
M.Com	I	Advanced Trends in Accounting-I

Sr. No.	Course Outcomes
CO1	Explain the concepts of financial reporting, IFRS, amalgamation & merger, standalone financial statements, consolidated financial statements.
CO2	Apply the methods of valuation of business for amalgamation & merger.
CO3	Analyze the procedure of consolidation of balance sheet & profit & loss account. Prepare the consolidated financial statement.
CO4	Evaluate the applicability, interpretation, scope & compliance of accounting standard

Programme	Semester	Course Name
M.Com	I	RM

Sr. No.	Course Outcomes
CO1	Describe the objective of the topic of study.
CO2	Identify the different literatures, analyze data collected.
CO3	Explain how to collect and categorize data.
CO4	Identify solutions under the topic of study.
CO5	Evaluate a questionnaire and produce research report.





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Programme	Semester	Course Name
M.Com	II	Advance Cost Accounting

Sr. No.	Course Outcomes
CO1	Describe the various cost accounting concepts and system
CO2	Solve problems based on EOQ and evaluate FIFO & Weighted Average methods in issue of materials
CO3	Describe labour turnover and identify various remuneration systems such as Piece Rate, Time Rate and Various Incentives Plan
CO4	Demonstrate the allocation and apportionment of overheads among production and service departments
CO5	Explain about how to prepare cost sheet by adopting the standard cost sheet format

Programme	Semester	Course Name
M.Com	II	Corporate Finance

Sr. No.	Course Outcomes
CO1	Explain Saving and Investment Money, Inflation and Interest, Banking and Non-Banking Financial Intermediaries, Financial Market and Capital Market, Financial Instruments, Consumer Finance, Credit Cards, Mutual Funds and Commercial Paper and Financial Instruments.
CO2	Apply REPO, TBs, Equities, Bonds and Derivatives in various markets
CO3	Analyze Structure of Financial Market in India, Role, Importance, Evolution in India, Primary Market System and Regulations in India, Issues Mobilizing Fixed Deposits, Arranging Inter-corporate Loans.



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Programme	Semester	Course Name
M.Com	II	Direct and Indirect Taxation (GST)

Sr. No.	Course Outcomes
CO1	Describe the technical terms related to Goods and Service Tax (GST)
CO2	Differtiate reverse charge and forward charge mechanism and advice whether the assessed is eligible for composition scheme.
CO3	Identify the place, time and value of supply of Goods and services
CO4	Calculate the amount of CGST, SGST and IGST payable after considering the eligible input tax credit.
CO5	Analyze whether a person is required to obtain registration under GST law.



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Programme	Semester	Course Name
M.Com	II	Risk Management

Sr. No.	Course Outcomes
CO1	Apply and examine Foreign Exchange, Risk Management, Derivatives, Foreign Exchange Market, International lending operations, Currency Derivatives
CO2	Interpret International Equity Market, Currency Market, Exchange rates, Risk Management.
CO3	Evaluate Banking Operations, International lending operations, international credit rating agencies, Market participation, equity and bond market
CO4	Explain the concepts of international finance, Exchange Rate system, Capital Markets, Foreign Exchange Markets and Banking Operations.



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Programme	Semester	Course Name
M.Com	II	Advance Trends in Accounting-II

Sr. No.	Course Outcomes
CO1	Define concepts of foreign currency transactions, statutory requirements of banking companies, insurance companies and cooperative societies
CO2	Explain the concepts of NPA and statutory requirements of banking companies and cooperative societies.
CO3	Analyze final accounts of banking companies, insurance companies and cooperative societies
CO4	Evaluate the impact of changes in foreign exchange rates
CO5	Identify the tax liability of a person from the various heads of Income

Programme	Semester	Course Name
M.Com	II	OJT/FP (4)

Sr. No.	Course Outcomes
CO1	Describe the objective of the topic of study.
CO2	Analyze the different literatures, analyze data collected.
CO3	Explain how to collect and categorize data.
CO4	Analyze the solutions under the topic of study.
CO5	Evaluate a questionnaire and produce research report.



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Programme	Semester	Course Name
M.Com	III	Advance Financial Accounting

Sr. No.	Course Outcomes
CO1	Explain concepts of foreign currency transactions, statutory requirements of banking companies, insurance companies and cooperative societies
CO2	Summarize and explain the concepts of NPA and statutory requirements of banking companies and cooperative societies.
CO3	Analyze final accounts of banking companies, insurance companies and cooperative societies
CO4	Evaluate the impact of changes in foreign exchange rates.
CO5	Explain the concepts of a person, previous year, assessment year, assesses residential status and scope of total income



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Programme	Semester	Course Name
M.Com	III	Advance Cost Accounting

Sr. No.	Course Outcomes
CO1	Explain the concepts of process costing, activity-based costing, transfer pricing, target costing, responsibility accounting, inflation accounting.
CO2	Apply the methods of allocating central costs using direct method, step down method & reciprocal method. Prepare the statement of cost per unit using ABC costing, compute inter process profit and equivalent production using WACC & FIFO method.
CO3	Analyze & prepare the managerial reports using segmented cost & controllable costs approach.
CO4	Evaluate the strategic cost management techniques such as transfer pricing, target costing & current purchasing power.
CO5	Analyze the financial and costing profit/ (loss) differences and reconcile them.



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Programme	Semester	Course Name
M.Com	III	Direct Tax

Sr. No.	Course Outcomes
CO1	Explain the concepts of a person, previous year, assessment year, assesses residential status and scope of total income
CO2	Explain about to plan investments reduce tax liability
CO3	Identify the incomes as exempt and taxable, expenses as allowable and disallowable under the Income Tax Act
CO4	Identify the tax liability of a person from the various heads of Income
CO5	Describe the technical terms related to direct and Indirect taxation

Programme	Semester	Course Name
M.Com	III	Project Work

Sr. No.	Course Outcomes
CO1	Describe the objective of the topic of study.
CO2	Identify to review and examine the different literatures, analyze data collected.
CO3	Explain how to collect and categorize data.
CO4	Analyze solutions under the topic of study.
CO5	Evaluate a questionnaire and produce research report.





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Programme	Semester	Course Name
M.Com	IV	Indirect Tax (GST)

Sr. No.	Course Outcomes
CO1	Explain the concepts of Interstate supply, intra state supply, forward charge mechanism, reverse charge mechanism
CO2	Calculate aggregate turnover for registration of taxable person, plan the net tax liability of a taxable person
CO3	Identify the supplies as nontaxable supplies and taxable supplies, analyze the effective date of registration for issue of revised invoice
CO4	Decide when and how to avail input tax credits and thereby reduce the net tax liability
CO5	Identify the place, time and value of supply of Goods and services.



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Programme	Semester	Course Name
M.Com	IV	Corporate Financial accounting

Sr. No.	Course Outcomes
CO1	Explain the concepts of financial reporting, IFRS, amalgamation & merger, standalone financial statements, consolidated financial statements
CO2	Apply the methods of valuation of business for amalgamation & merger.
CO3	Analyze the procedure of consolidation of balance sheet & profit & loss account. Prepare the consolidated financial statement.
CO4	Evaluate the applicability, interpretation, scope & compliance of accounting standards & Ind-AS

Programme	Semester	Course Name
M.Com	IV	Financial Management

Sr. No.	Course Outcomes
CO1	Explain the concepts of financing, capital budgeting, working capital, types of budget & financial policy.
CO2	Apply the capital budgeting techniques in investment decisions.
CO3	Analyze, classify & prepare different types of budgets.
CO4	Estimate the working capital requirement.



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Programme	Semester	Course Name
M.Com	IV	Project Work -I

Sr. No.	Course Outcomes
CO1	Describe the objective of the topic of study.
CO2	Identify the different literatures, analyze data collected.
CO3	Explain about to collect and categorize data.
CO4	Analyze solutions under the topic of study.
CO5	Evaluate a questionnaire and produce research report.



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**MASTER OF SCIENCE ORGANIC CHEMISTRY (M.Sc Chemistry)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
M.Sc Chemistry	I	Inorganic Chemistry

Sr. No	Course Outcomes
CO1	Explain the hybridisation and bonding theories of chemical molecules.
CO2	Describe symmetry properties of chemical molecules and applications of group theory.
CO3	Comprehend structure of various inorganic solids and preparatory methods of nanomaterials.
CO4	Define the characterisation of inorganic coordination compound.



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Programme	Semester	Course Name
M.Sc Chemistry	I	Organic Chemistry

Sr. No	Course Outcomes
CO1	Define the thermodynamic and kinetic requirement of reaction & to determine mechanism of reaction.
CO2	Describe the types of nucleophilic substitution reactions and aromaticity of complex molecules.
CO3	Explain the stereochemistry of molecules having two or more chiral centres with types of chirality
CO4	Describe oxidation and reduction reactions using different reagents.

Programme	Semester	Course Name
M.Sc Chemistry	I	Analytical Chemistry

Sr. No	Course Outcomes
CO1	Explain the language and quality in analytical chemistry with safety in laboratories.
CO2	Solve the problems involved in analytical chemistry.
CO3	Define different optical methods of analysis like UV & Visible spectroscopy, IR, etc.
CO4	Describe the different thermal methods, calorimetry and its applications.



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Programme	Semester	Course Name
M.Sc Chemistry	I	Research Methodology

Sr. No	Course Outcomes
CO1	Knowledge to extract information from journals and digital resources.
CO2	Describe the tools to analyse the data, writing and presenting scientific papers.
CO3	Use Safe working procedure and ethical handling of chemicals.
CO4	Describe research, identification of research problems, and preparation of proposals.

Programme	Semester	Course Name
M.Sc Chemistry	I	Physical Chemistry

Sr. No	Course Outcomes
CO1	Summarize Maxwell equations and their applications & Details of third law of Thermodynamics.
CO2	Explain the need of quantum mechanics, fundamentals of wave equations and applications of quantum mechanics to different systems.
CO3	Describe the chemical Dynamics of reactions like polymerisation and gas phase reactions.
CO4	Explain in electrochemistry and understand bio-electrochemistry.



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Programme	Semester	Course Name
M.Sc Chemistry	II	Inorganic Chemistry

Sr. No	Course Outcomes
CO1	Define the mechanisms of various inorganic reactions of complexes and redox reactions.
CO2	Describe organometallic chemistry of transition metals.
CO3	Explain toxic effects of various metals on environment and its precautions
CO4	Explain about various biological oxygen carriers and other bioinorganic reactions.

Programme	Semester	Course Name
M.Sc Chemistry	II	Organic Chemistry

Sr. No	Course Outcomes
CO1	Identify different reactions of nucleophilic intermediates and carbon nucleophiles with carbonyl groups.
CO2	Describe various reactions and rearrangements with their mechanism, stereochemistry & applications
CO3	Explain the application of molecular orbital theory in organic chemistry
CO4	Identify the application of UV, IR, NMR & Mass spectroscopy for different functional groups and molecules.



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Programme	Semester	Course Name
M.Sc Chemistry	II	Analytical Chemistry

Sr. No	Course Outcomes
CO1	Describe different types of chromatography like Gas & HPLC.
CO2	Explain the application of X-ray spectroscopy, Mass spectrometry in analytical chemistry.
CO3	Define different surface analytical techniques like SEM, TEM, etc and atomic spectroscopy.
CO4	Compare different electro-analytical methods like polarography, electrogravimetry, etc.

Programme	Semester	Course Name
M.Sc Chemistry	II	Research Methodology

Sr. No	Course Outcomes
CO1	Describe the Organizational Structure of a company.
CO2	Create work habits and attitudes necessary for job success (technical competence, professional attitude, organization skills etc.)
CO3	Apply written communication and technical report writing skills.
CO4	Define the Organizational Structure of a company.



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Programme	Semester	Course Name
M.Sc Chemistry	II	Physical Chemistry

Sr. No	Course Outcomes
CO1	Explain the chemical thermodynamics of real solutions and surfaces.
CO2	Describe how to understand kinetics of reactions catalysed by enzymes and reactions in solid state, etc.
CO3	Define phase equilibria of two and three component system.

Programme	Semester	Course Name
M.Sc Chemistry	III	Theoretical Organic Chemistry I

Sr. No	Course Outcomes
CO1	Explain the organic reaction mechanism using the intermediate
CO2	Describe the various pathways for different peri-cyclic reaction.
CO3	Define the stereochemistry of different cyclic organic compound
CO4	Describe the concept of principle of photochemistry.



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Programme	Semester	Course Name
M.Sc Chemistry	III	Synthetic Organic Chemistry I

Sr. No	Course Outcomes
CO1	Explain the multi component synthesis..
CO2	Compare the various pathways for organic synthesis using the radical
CO3	Apply the generation and application in organic synthesis with mechanistic pathways.
CO4	Summarize the concept of organic synthesis stereochemistry using metal and nonmetal



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Programme	Semester	Course Name
M.Sc Chemistry	III	Natural products and Heterocyclic Chemistry I

Sr. No	Course Outcomes
CO1	Explain the physiological important and structure important of carbohydrate, natural pigment .
CO2	Describe the physiological important and structure important and synthesis of natural product .
CO3	Analyze organic structure using spectroscopic method such as H-NMR and C-NMR
CO4	Describe concept of Advances Spectroscopic analysis such as COSY, NOSY, and its application.



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Programme	Semester	Course Name
M.Sc Chemistry	III	Medicinal, Biogenesis and green chemistry

Sr. No	Course Outcomes
CO1	Explain the drug discovery, desing and synthesis of drugs
CO2	Describe the various pathways for biosynthesis of different natural products.
CO3	Apply the novel methods of organic synthesis.
CO4	Describe the concept of Green Chemistry, Principal and application.

Programme	Semester	Course Name
M.Sc Chemistry	IV	Theoretical Organic Chemistry II

Sr. No	Course Outcomes
CO1	Define the structural effects and its reactivity through mathematical aspects.
CO2	Explain the structure and properties of biological macromolecules.
CO3	Apply the advance stereochemistry concepts.
CO4	Describe the principles of asymmetric synthesis and mechanisms.



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Programme	Semester	Course Name
M.Sc Chemistry	IV	Synthetic Organic Chemistry II

Sr. No	Course Outcomes
CO1	Analyze the designing of organic synthesis
CO2	Summarize the selected method of organic synthesis
CO3	Explain the elctro-organic chemistry
CO4	Describe the role of transition and rare earth metals in organic synthesis.



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Programme	Semester	Course Name
M.Sc Chemistry	IV	Natural products and Heterocyclic Chemistry II

Sr. No	Course Outcomes
CO1	Explain the structure and classification of like steroids, vitamins, antibiotics, insecticides
CO2	Summarize Vitamin, Antibiotic its structure elucidation and impotent.
CO3	Apply the reactivity, properties and reactions of heterocyclic compounds.



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Programme	Semester	Course Name
M.Sc Chemistry	IV	Reserach Methodology

Sr. No	Course Outcomes
CO1	Explain how to collect and study literature like journals, digital material available for research.
CO2	Describe how to use scientific methods, designs, interpretations and analysis of data recorded.
CO3	Write the research proposals and papers.
CO4	Explain the safety and handling of chemicals.



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**Master of Science - Information Technology (M.Sc. IT)**

**COURSE OUTCOMES**

Programme	Semester	Course Name
M. Sc (IT)	I	Research In Computing

Sr. No	Course Outcomes
CO1	Explain the latest theories of Research in Computing.
CO2	Analyse, synthesize and solve complex unstructured business problems.
CO3	Explore research techniques used for solving any real world or innovate problem.

Programme	Semester	Course Name
M. Sc (IT)	I	Data Science

Sr. No	Course Outcomes
CO1	Explain the Key technologies in data science and business analytics.
CO2	Gain knowledge on statistics programming languages and big data tools through coursework and applied research experiences.
CO3	Apply principles of Data Science to the analysis of business problems.



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Programme	Semester	Course Name
M.Sc (IT)	I	Cloud Computing

Sr. No	Course Outcomes
CO1	Explain the concepts of Cloud Services and Virtualization.
CO2	Implement Task Scheduling Algorithms
CO3	Design different workflows according to requirements and apply map reduce programming model.
CO4	Create combinatorial auctions for cloud resources and design scheduling algorithms for computing clouds.

Programme	Semester	Course Name
M.Sc (IT)	I	Soft Computing Techniques

Sr. No	Course Outcomes
CO1	Explain the Key technologies in data science and business analytics.
CO2	Gain knowledge on statistics programming languages and big data tools through coursework and applied research experiences.
CO3	Apply principles of Data Science to the analysis of business problems.



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Programme	Semester	Course Name
M.Sc (IT)	II	Big Data Analytics

Sr. No	Course Outcomes
CO1	Explain the tools required to manage and analyze big data like Hadoop, NoSql, MapReduce.
CO2	Explain key issues in big data management and its associated applications in intelligent business and scientific computing.
CO3	Interpret business models and scientific computing paradigm.
CO4	Apply software tools for big data analytics

Programme	Semester	Course Name
M.Sc (IT)	II	Modern Networking

Sr. No	Course Outcomes
CO1	Explain the state-of-the-art in network protocols, architectures and applications.
CO2	Analyze existing network protocols and networks.



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Programme	Semester	Course Name
M.Sc(IT)	II	Modern Networking

Sr. No	Course Outcomes
CO1	Comprehend with the tools required to manage and analyze big data like Hadoop, NoSql, MapReduce.
CO2	Explain the key issues in big data management and its associated applications in intelligent business and scientific computing.
CO3	Interpret business models and scientific computing paradigm.
CO4	Apply software tools for big data analytics

Programme	Semester	Course Name
M.Sc(IT)	II	Microservice Architecture

Sr. No	Course Outcomes
CO1	Explain the philosophy and architecture of Web applications using ASP.NET Core MVC.
CO2	Acquire working knowledge of Web application development using ASP.NET Core MVC 6 and Visual Studio.
CO3	Create HTTP services using ASP.NET Core Web API.
CO4	Implementing multi-threading effectively in .NET applications.



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<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>M.Sc(IT)</b>	<b>II</b>	<b>Image Processing</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Explain the fundamental concepts of a digital image processing system.
CO2	Analyze images in the frequency domain using various transforms.
CO3	Interpret Image compression standards.
CO4	Analyze the utility of wavelet decompositions and their role in image processing system.

<b>Programme</b>	<b>Semester</b>	<b>Course Name</b>
<b>M.Sc(IT)</b>	<b>III</b>	<b>Technical Writing and Entrepreneurship Development</b>

<b>Sr. No</b>	<b>Course Outcomes</b>
CO1	Explain the concepts of developing strong foundation in general writing, including research proposal and reports.
CO2	Write Better Quality Content which ranks faster at Search Engines. Build effective Social Media Pages.
CO3	Evaluate the essentials parameters of effective Social Media Pages.
CO4	Analyze research and development projects.



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Programme	Semester	Course Name
M.Sc(IT)	III	Cloud Application Development

Sr. No	Course Outcomes
CO1	Understanding about Kubernetes and deploy applications on Azure Kubernetes Service.
CO2	Develop the Microservices for cloud and deploy them on Microsoft Azure.
CO3	Build and deploy services to Azure Kubernetes service.

Programme	Semester	Course Name
M.Sc(IT)	III	Machine Learning

Sr. No	Course Outcomes
CO1	Explain the key issues in Machine Learning and its associated applications in intelligent business and scientific computing.
CO2	Acquiring the knowledge about classification and regression.
CO3	Apply big data analytics in various applications like recommender systems, social media applications etc.



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Programme	Semester	Course Name
M.Sc(IT)	III	Offensive Security

Sr. No	Course Outcomes
CO1	Explain the basic security issues in cloud, cellular network , WSN and IoT etc.
CO2	Familiarize to use Vulnerability assessment and exploitation tool.
CO3	Analyze the network perform reconnaissance and enumerate the target to detect vulnerabilities.
CO4	Perform offensive tests using Metasploit on various application, generating payloads etc.

Programme	Semester	Course Name
M.Sc(IT)	IV	Blockchain

Sr. No	Course Outcomes
CO1	Explain the function of Blockchain as a method of securing distributed ledgers, how consensus on their contents is achieved, and the new applications that they enable.
CO2	Evaluate the setting where a blockchain based structure may be applied, its potential and its limitations
CO3	Develop blockchain DApps.



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Programme	Semester	Course Name
M.Sc(IT)	IV	Cyber Forensics

Sr. No	Course Outcomes
CO1	Explain the laws relevant to computer forensics.
CO2	Investigate the cyber forensics with standard operating procedures.
CO3	Recover the data from the hard disk with legal procedure.
CO4	Recover and analyse the data using forensics too.

Programme	Semester	Course Name
M.Sc(IT)	IV	Deep Learning

Sr. No	Course Outcomes
CO1	Understanding about the mathematical, statistical and computational challenges of building neural networks.
CO2	Describe model of deep learning.
CO3	esign and implement various deep supervised learning architectures for text & image data.



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