FACULTY OF ARTS

DEPARTMENT OF ENGLISH

Program	Semester	**Name Of Course**	Code	CO	DESCRIPTION
English	I	English Grammar And Usage	**ENG 701**	CO1	Analyze the fundamental rules of English grammar, including syntax, morphology, punctuation, and sentence structure.
				CO2	Evaluate the correct usage of grammatical elements such as tenses, articles, prepositions, conjunctions, and modifiers in written and spoken English.
				CO3	Understand the nuances of advanced grammatical concepts, including complex sentence construction, passive voice, and conditional forms.
				CO4	Assess and improve language proficiency by applying grammatical knowledge to various contexts, enhancing clarity, coherence, and stylistic effectiveness in communication.

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English	I	The Renaissance And Reformation Literature	**ENG 702**	CO1	Analyze the key themes, genres, and stylistic features of Renaissance and Reformation literature, including humanism, individualism, and religious reform.
				CO2	Evaluate the contributions of major writers and thinkers such as William Shakespeare, John Milton, Martin Luther, and Erasmus to the literary and cultural landscape of the period.
				CO3	Understand the socio-political, religious, and intellectual contexts that shaped Renaissance and Reformation literature and their impact on European society.
				CO4	Assess the legacy of Renaissance and Reformation literature in shaping modern thought, literary traditions, and cultural movements.
English	I	The Romantics And The Victorians I	**ENG 703**	CO1	Analyze the key themes, styles, and philosophical underpinnings of Romantic and Victorian literature, including nature, individualism, industrialization, and social reform.
				CO2	Evaluate the contributions of major Romantic poets such as Wordsworth, Coleridge, Byron, Shelley, and Keats, as well as Victorian authors like Tennyson, Dickens, Browning, and the Brontës.
				CO3	Understand the historical, social, and cultural contexts that influenced Romantic and Victorian literary movements and their evolution.

				CO4	Assess the impact of Romantic and Victorian literature on later literary traditions and their relevance to contemporary discussions on society, art, and morality.
English	I	Romantic Poetry	**ENG- 1ECC**	CO1	Analyze the defining characteristics, themes, and stylistic features of Romantic poetry, including emotion, nature, imagination, and individualism.
				CO2	Evaluate the works and contributions of major Romantic poets such as William Wordsworth, Samuel Taylor Coleridge, Lord Byron, Percy Bysshe Shelley, and John Keats.
				CO3	Understand the socio-political and cultural contexts that shaped the Romantic movement, including reactions to the Enlightenment, industrialization, and revolutionary ideals.
				CO4	Assess the legacy of Romantic poetry in shaping subsequent literary movements and its enduring influence on contemporary literature and thought.
English	I	Gender And Aesthetics I	**ENG- 2ECC**	CO1	Analyze the intersection of gender and aesthetics in various art forms, including literature, visual arts, and performance, and how these intersections influence representation and reception.
				CO2	Evaluate key theories and concepts related to gender and aesthetics, such as feminist criticism, queer theory, and the gaze, and their application in critical analysis.

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				CO3	Understand the historical and cultural contexts that shape gendered perspectives in artistic expression and aesthetic judgment.
				CO4	Assess the impact of gender on the production, interpretation, and valuation of art, and explore ways in which artists challenge or reinforce aesthetic norms and stereotypes.
English	I	American Literature I	**ENG- 3ECC**	CO1	Analyze key themes, genres, and stylistic elements of early American literature, from colonial times to the late 19th century, including concepts of freedom, identity, and the American Dream.
				CO2	Evaluate the works of major American authors such as Nathaniel Hawthorne, Edgar Allan Poe, Herman Melville, Walt Whitman, Emily Dickinson, and Mark Twain, among others.
				CO3	Understand the historical, social, and cultural contexts that shaped American literary production, including colonization, slavery, civil rights, and the evolution of American national identity.
				CO4	Assess the influence of early American literature on subsequent literary movements and its ongoing impact on American culture and society.
English	I	Postcolonial Literatures I	**ENG- 4ECC**	CO1	Analyze the themes, narratives, and stylistic features of postcolonial literature, focusing on issues such as identity, displacement, resistance, and the legacy of colonialism.

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				CO2	Evaluate the works of key postcolonial writers from regions such as Africa, Asia, the Caribbean, and the Middle East, including Chinua Achebe, Ngũgĩ waThiong'o, Salman Rushdie, and Jean Rhys.
				CO3	Understand the theoretical frameworks of postcolonial studies, including concepts like hybridity, orientalism, subalternity, and the critique of colonial discourse.
				CO4	Assess the impact of postcolonial literature on global literary traditions and its role in challenging and reshaping dominant cultural and historical narratives.
English	I	Postcolonial Literatures I	**ENG-5ECC**	CO1	Analyze the central themes and narrative strategies of postcolonial literature, including resistance to colonial oppression, the quest for identity, and the deconstruction of colonial discourse.
				CO2	Evaluate the works of significant postcolonial authors from diverse regions, such as Chinua Achebe, Arundhati Roy, Gabriel García Márquez, Wole Soyinka, and Derek Walcott, among others.
				CO3	Understand critical postcolonial theories and concepts, including hybridity, neocolonialism, orientalism, and the politics of language and representation.
				CO4	Assess the ways in which postcolonial literature critiques historical narratives, engages with contemporary global issues, and fosters cross-cultural understanding and dialogue.

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DEPARTMENT OF PHILOSOPHY

Philosophy	I	Indian Philosophy-I	**PHI-101**	CO1	Analyze the foundational concepts and theories of major Indian philosophical schools, including their historical development.
				CO2	Evaluate the contributions of key philosophers and texts to Indian philosophical thought, such as those from Vedanta, Samkhya, and Yoga traditions.
				CO3	Understand the interplay between philosophical ideas and religious practices in ancient and medieval India.
				CO4	Assess the relevance of early Indian philosophical concepts to contemporary philosophical and ethical issues.
Philosophy	I	Western Philosophy -I	**PHI-102**	CO1	Analyze the major philosophical ideas and theories from ancient to early modern Western philosophy, including key figures such as Plato, Aristotle, and Descartes.
				CO2	Evaluate the contributions of foundational philosophers to concepts such as metaphysics, epistemology, and ethics.

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				CO3	Understand the historical development of Western philosophical thought and its influence on subsequent philosophical traditions.
				CO4	Assess the relevance and impact of early Western philosophical ideas on contemporary philosophical debates and intellectual traditions.
Philosophy	I	Western Philosophy -I	**PHI-103**	CO1	Analyze the foundational principles and systems of logic in both Western and Indian philosophical traditions.
				CO2	Evaluate key concepts in Western logic, including formal reasoning, syllogisms, and logical fallacies.
				CO3	Understand core aspects of Indian logic (Nyaya), including its theories of inference, argumentation, and categorization.
				CO4	Assess the comparative contributions of Western and Indian logic to the broader field of logic and philosophical reasoning.

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Philosophy	I	Senker AdvaitaVedania	**PHI-A01**	CO1	Analyze the core teachings and philosophical concepts of Advaita Vedanta as articulated by Adi Sankara.
				CO2	Evaluate the impact of Advaita Vedanta on the development of non-dualistic philosophy and its place within Indian philosophical traditions.
				CO3	Understand Sankara's arguments for the unity of Brahman and the illusory nature of the material world.
				CO4	Assess the influence of Advaita Vedanta on subsequent Indian philosophical thought and its relevance to contemporary discussions on metaphysics and spirituality.
Philosophy	I	Western Political Philosophy	**PHI-A02**	CO1	Analyze key political theories and ideas from major Western philosophers, including figures like Plato, Machiavelli, Hobbes, Locke, Rousseau, and Marx.
				CO2	Evaluate the development of political thought and its impact on concepts such as democracy, justice, and authority.
				CO3	Understand the historical context in which various political philosophies emerged and their influence on modern political systems.

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				CO4	Assess the relevance of Western political philosophies to contemporary political issues and debates.
Philosophy	I	Emerging Trends Of Thought	**PHI-A04**	CO1	Analyze recent developments and contemporary movements in philosophy, including new perspectives and theoretical innovations.
				CO2	Evaluate the impact of emerging trends on traditional philosophical disciplines and interdisciplinary studies.
				CO3	Understand the influence of technological, social, and cultural changes on modern thought and intellectual discourse.
				CO4	Assess the relevance of emerging philosophical ideas to current global issues and future directions in academic and practical contexts.
Philosophy	I	Philosophy Of Religion	**PHI-A05**	CO1	Analyze major philosophical questions related to religion, including the nature and existence of God, the problem of evil, and the nature of faith and reason.
				CO2	Evaluate different arguments and perspectives within the philosophy of religion, including classical and contemporary viewpoints.

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				CO3	Understand the impact of religious philosophy on ethics, metaphysics, and epistemology.
				CO4	Assess the relevance of philosophical discussions about religion to contemporary debates and personal belief systems.
Philosophy	I	Daya Krishna Dristi	**PHI-A06**	CO1	Analyze Daya Krishna's contributions to Indian philosophy, particularly his critique of traditional and modern Indian thought.
				CO2	Evaluate Daya Krishna's perspectives on issues such as epistemology, metaphysics, and the nature of philosophy.
				CO3	Understand the impact of Daya Krishna's ideas on contemporary philosophical discourse and their relevance to current debates.
				CO4	Assess the influence of Daya Krishna's thought on the evolution of Indian philosophical traditions and its engagement with Western philosophy.

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DEPARTMENT OF EUROPEAN LANGUAGE

French	I	Literary Movements FromMiddle Ages To 17th -Century: An Overview	**FRN-101**	CO1	Analyze the key literary movements and their defining characteristics from the Middle Ages through the 17th century, including Romanticism, Renaissance, and Baroque.
				CO2	Evaluate the contributions of major authors and works within each literary period and their influence on the evolution of literary forms and themes.
				CO3	Understand the socio-political and cultural contexts that shaped these literary movements and their impact on literature and society.
				CO4	Assess the transition between different literary periods and the ways in which they reflect changes in philosophical, religious, and artistic thought.
French	I	Translation	**FRN-102**	CO1	Analyze the principles and techniques of translation, including text analysis, equivalence, and cultural adaptation.
				CO2	Evaluate different translation strategies and their effectiveness in conveying meaning, tone, and style between source and target languages.

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				CO3	Understand the challenges of translating various types of texts, including literary, technical, and legal documents, and develop strategies to address these challenges.
				CO4	Assess the impact of translation on cross-cultural communication and the role of the translator in bridging linguistic and cultural gaps.
French	I	Rhetoric's And Composition	**FRN-103**	CO1	Analyze the principles of rhetoric, including the use of ethos, pathos, and logos, to effectively craft and deliver persuasive arguments.
				CO2	Evaluate various writing strategies and techniques for developing clear, coherent, and well-organized compositions.
				CO3	Understand the process of drafting, revising, and editing written work to enhance clarity, style, and effectiveness.
				CO4	Assess the role of audience and purpose in shaping rhetorical choices and composition strategies, and apply these principles to a range of writing contexts.
French	I	Life In Contemporary French 20Century	**FRN-A01**	CO1	Analyze key socio-political, cultural, and economic developments in France during the 20th century and their impact on daily life.

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				CO2	Evaluate the influence of major historical events, such as the World Wars, the May 1968 protests, and the rise of the European Union, on French society and culture.
				CO3	Understand the contributions of prominent French thinkers, artists, and writers to contemporary French cultural and intellectual life.
				CO4	Assess the changes in French social structures, values, and identity throughout the century and their implications for contemporary French society
French	I	Consecutive Interpretation-1	**FRN-A02**	CO1	Analyze the principles and techniques of consecutive interpretation, including note-taking, memory enhancement, and accurate rendering of spoken messages.
				CO2	Evaluate strategies for effectively interpreting spoken discourse in real-time, maintaining clarity, coherence, and fidelity to the source message.
				CO3	Understand the challenges and skills required for consecutive interpretation in various contexts, such as conferences, meetings, and public speeches.
				CO4	Assess the role of cultural and contextual factors in interpretation and develop strategies for managing these elements to ensure effective communication.

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French	I	French For Specific Purposes	**FRN-A03**	CO1	Analyze and apply specialized vocabulary and language structures relevant to specific fields such as business, law, medicine, or technology.
				CO2	Evaluate and use French language skills in professional or technical contexts, including written communication, presentations, and negotiations.
				CO3	Understand and navigate cultural nuances and industry-specific practices within the French-speaking professional environment.
				CO4	Assess the effectiveness of communication strategies in achieving specific goals and objectives related to the chosen field or industry.
French	I	History Of Culture And Civilization Francophone Countries: Canada	**FRN-A04**	CO1	Analyze the historical development and cultural evolution of Francophone communities in Canada, including key events, figures, and movements.
				CO2	Evaluate the impact of French colonization and the development of Canadian identity and multiculturalism in a Francophone context.
				CO3	Understand the contributions of Francophone Canadian literature, arts, and social practices to the broader Canadian and global cultural landscape

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				CO4	Assess contemporary issues and challenges faced by Francophone communities in Canada, including language preservation, cultural integration, and political representation.
DEPARTMENT OF HINDI					
Hindi Literature	I	प्राचीन काव्य	**HIN-101**	CO1	प्राचीन काव्य की प्रमुख शैलियों और प्रवृत्तियों की पहचान करना।
				CO2	प्राचीन काव्य के ऐतिहासिक और सांस्कृतिक संदर्भों का विश्लेषण करना।
				CO3	काव्य के शिल्प, भाषा, और शैली की गहरी समझ विकसित करना।
				CO4	प्राचीन काव्य के प्रभाव और महत्व को समकालीन परिप्रेक्ष्य में समझना।
Hindi Literature	I	हिंदी साहित्य का इतिहास आदिकाल	**HIN-102**	CO1	आदिकाल के प्रमुख साहित्यिक रचनाकारोंऔर उनकी काव्यशास्त्रीय विशेषताओं की पहचान करना।

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				CO2	आदिकाल की काव्यशैली और विषयवस्तु का विश्लेषण करनाऔर उनके सामाजिक-सांस्कृतिक संदर्भों को समझना।
				CO3	आदिकाल की रचनाओं में प्रयुक्त भाषा, शिल्प, और स्वरूपों की गहरी समझ विकसित करना।
				CO4	आदिकाल की साहित्यिक प्रवृत्तियों और उनके समकालीन प्रभावोंका मूल्यांकन करना।
Hindi Literature	I	भाषा विज्ञान एवं हिंदी भाषा	**HIN-103**	CO1	भाषा विज्ञान के मूलभूत सिद्धांतों और हिंदीभाषा के तत्वों का विश्लेषण करना।
				CO2	हिंदी भाषा की ध्वनियात्तिक, शब्दरूप विज्ञानऔर वाक्य विज्ञान की विशेषताओं को समझना।
				CO3	भाषा परिवर्तन और विकास के सिद्धांतों को हिंदी भाषा के संदर्भ में लागू करना।
				CO4	हिंदी भाषा की संरचनात्मक और प्रयोगात्मक समस्याओं का समाधान करने के लिए वैज्ञानिक दृष्टिकोण अपनाना।

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Hindi Literature	I	अपभ्रंश भाषा और साहित्य	**HIN-A01**	CO1	अपभ्रंश भाषा की ऐतिहासिक उत्पत्ति और विकास की प्रक्रिया का विश्लेषण करना।
				CO2	अपभ्रंश साहित्य की प्रमुख कृतियों, उनके लेखक और उनके सांस्कृतिक संदर्भों को समझना।
				CO3	अपभ्रंश भाषा की व्याकरणिक संरचना, ध्वनियात्तिक विशेषताएँऔर शाब्दिक प्रथाओं का अध्ययन करना।
				CO4	सूफी साहित्य के प्रमुख रचनाकारों और उनकी काव्य शैली की पहचान करना।
Hindi Literature	I	सूफी साहित्य	**HIN-A02**	CO1	सूफी साहित्य में प्रयुक्त प्रतीकों, रूपकों और धार्मिक तत्वों का विश्लेषण करना।
				CO2	सूफी और उसके साहित्यिक प्रभाव को समझना और मूल्यांकन करना।
				CO3	सूफी साहित्य के ऐतिहासिक और सांस्कृतिक संदर्भों में उसकी महत्वपूर्णता और योगदान का अध्ययन करना।

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				CO4	सूफी साहित्य में प्रयुक्त प्रतीकों, रूपकों और धार्मिक तत्वों का विश्लेषण करना।
Hindi Literature	I	लोक साहित्य	**HIN-A03**	CO1	लोक साहित्य की विविध शैलियों, रूपों और विषयवस्तुओं की पहचान करना।
				CO2	लोक साहित्य के सांस्कृतिक, सामाजिक और ऐतिहासिक संदर्भों का विश्लेषण करना।
				CO3	लोक कथाएँ, गीत, नृत्य, और परंपराओं की संरचना और शैली का अध्ययन करना।
				CO4	लोक साहित्य के संरक्षण और प्रचार में योगदान देने के तरीकों का मूल्यांकन करना।
Hindi Literature	I	हिंदी भाषा और व्याकरण	**HIN-A04**	CO1	हिंदी भाषा की संरचना, ध्वनियात्तिक और वाक्य विज्ञान की मूलभूत विशेषताओं का विश्लेषण करना।
				CO2	हिंदी व्याकरण के नियमों, अचूकता और अनुप्रयोग की गहरी समझ विकसित करना।

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				CO3	हिंदी भाषा में शब्द रूप विज्ञान और वाक्य विधान की जटिलताओं का अध्ययन करना।
				CO4	हिंदी भाषा में शब्द रूप विज्ञान और वाक्य विधान की जटिलताओं का अध्ययन करना।
Hindi Literature	I	राजस्थानी भाषा और साहित्य	**HIN-A05**	CO1	राजस्थानी भाषा की ऐतिहासिक पृष्ठभूमि, विकास और लिपि का विश्लेषण करना।
				CO2	राजस्थानी साहित्य की प्रमुख रचनाओं, शैलियों और लेखकगण के योगदान को समझना।
				CO3	राजस्थानी भाषा की व्याकरणिक विशेषताएँ, ध्वनियात्तिक और शाब्दिक तत्वों का अध्ययन करना।
				CO4	राजस्थानी साहित्य की सांस्कृतिक, सामाजिक और ऐतिहासिक महत्वपूर्णता का मूल्यांकन करना।
Hindi Literature	I	तुलसीदास	**HIN-A06**	CO1	तुलसीदास की प्रमुख रचनाओं, जैसे कि "रामचरितमानस" और "विनयपत्रिका," का विश्लेषण करना।

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				CO2	तुलसीदास के जीवन, विचारधारा, और साहित्यिक योगदान की गहरी समझ विकसित करना।
				CO3	तुलसीदास की काव्यशैली, भाषा और रचनात्मक तकनीकों का अध्ययन करना।
				CO4	तुलसीदास की रचनाओं की धार्मिक, सांस्कृतिक और सामाजिक प्रभावों का मूल्यांकन करना।
RAJASTHANI LANGUAGE , LITERATURE & CULTURE					
Rajasthani Language. Literature & Culture	I	राजस्थानी भाषा	**RAJ-701**	CO1	राजस्थानी भाषा की ऐतिहासिक पृष्ठभूमि, विकास और विभिन्न बोलियों का विश्लेषण करना।
				CO2	राजस्थानी भाषा की ध्वनियात्तिक, शब्दरूपविज्ञान और वाक्यविज्ञान की विशेषताओं को समझना।
				CO3	राजस्थानी भाषा की लिपियाँ, जैसे देवनागरी और महाजनी, का अध्ययन करना और उनके प्रयोगों की तुलना करना।

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				CO4	राजस्थानी भाषा के सांस्कृतिक और सामाजिक संदर्भों में उसके योगदान और महत्व का मूल्यांकन करना।
Rajasthani Language. Literature & Culture	I	राजस्थानी साहित्य का इतिहास	**RAJ-702**	CO1	राजस्थानी साहित्य के ऐतिहासिक कालखंडों, प्रमुख रचनाकारों और उनकी रचनाओं का विश्लेषण करना।
				CO2	राजस्थानी साहित्य की प्रमुख शैलियों, जैसे भक्ति, वीरता, और लोककथाएँ, का अध्ययन करना।
				CO3	राजस्थानी साहित्य में प्रयुक्त भाषाई और शिल्पगत विशेषताओं का मूल्यांकन करना।
				CO4	राजस्थानी साहित्य के सांस्कृतिक और सामाजिक संदर्भों में उसके प्रभाव और योगदान का मूल्यांकन करना।
Rajasthani Language. Literature & Culture	I	प्राचीन राजस्थान का इतिहास (आरम्भ से 1200 ईस्वी तक)	**RAJ-703**	CO1	प्राचीन राजस्थान के ऐतिहासिक कालखंडों, शासकों और साम्राज्यों का विश्लेषण करना।
				CO2	प्राचीन राजस्थान में सामाजिक, सांस्कृतिक और राजनीतिक जीवन की विशेषताओं को समझना।

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				CO3	प्राचीन राजस्थान के महत्वपूर्ण स्थल, पुरातात्विक साक्ष्य और उनकी ऐतिहासिक महत्वता का अध्ययन करना।
				CO4	प्राचीन राजस्थान के इतिहास में प्रमुख घटनाओं और उनके प्रभावों का मूल्यांकन करना।
Rajasthani Language. Literature & Culture	I	राजस्थान की स्थापत्य कला	**RAJ-A01**	CO1	राजस्थान की प्रमुख स्थापत्य शैलियों, जैसे किकिलों, महलोंऔरमंदिरों, काविश्लेषणकरना।
				CO2	राजस्थान की स्थापत्य कला में प्रयुक्त सामग्रियों, तकनीकों और सजावटी तत्वों की पहचान करना।
				CO3	स्थापत्य संरचनाओं के सांस्कृतिक और ऐतिहासिक संदर्भों को समझना और उनका मूल्यांकन करना।
				CO4	राजस्थान की स्थापत्यकला के ऐतिहासिक विकास और क्षेत्रीय विविधताओं का अध्ययन करना।
Rajasthani Language. Literature & Culture	I	राजस्थान की चित्रकला	**RAJ-A02**	CO1	राजस्थान की प्रमुख चित्रकला शैलियों, जैसे कि मंडन, चित्रकला, और पथेर चित्रकला, का विश्लेषण करना।

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				CO2	राजस्थान की चित्रकला में प्रयुक्त तकनीकों, रंगों और शैलियों की विशेषताओं को समझना।
				CO3	चित्रकला की ऐतिहासिक पृष्ठभूमि और उसके प्रमुख कलाकारोंऔर रचनाओं का अध्ययन करना।
				CO4	राजस्थानकीचित्रकलाकेसांस्कृतिकऔरधार्मिकसंदर्भोंमेंउसकीमहत्वपूर्णताऔर प्रभावकामूल्यांकनकरना।
Rajasthani Language. Literature & Culture	I	राजस्थानी लोक साहित्य	**RAJ-A03**	CO1	राजस्थानी लोक साहित्य की प्रमुख विधाओं, जैसे कि लोकगीत, लोककथाएँ, और लोरियाँ, का विश्लेषण करना।
				CO2	लोक साहित्य में प्रयुक्त सांस्कृतिक, सामाजिक और तिहासिक तत्वों को समझना।
				CO3	राजस्थानी लोकसाहित्य की शैलियों, रूपों और कथानकों काअध्ययन करना और उनकी विशिष्टताओं का मूल्यांकन करना।

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				CO4	लोक साहित्य के संरक्षण औरप्रचारके उपायों का मूल्यांकन करना और उनकी सांस्कृतिक महत्वपूर्णता को उजागर करना।
Rajasthani Language. Literature & Culture	I	राजस्थानी व्याकरण	**RAJ-A04**	CO1	राजस्थानी भाषा की व्याकरणिक संरचना, जैसे कि वाक्य विधान, उपसर्ग, और प्रत्यय, का विश्लेषण करना।
				CO2	राजस्थानी व्याकरण की ध्वनियात्तिक विशेषताएँ और उनके भाषायी प्रभावों को समझना।
				CO3	राजस्थानी भाषा के लिंग, वचन, काल, और कारक के नियमों का अध्ययन करनाऔर उनके प्रयोग की जटिलताओं को समझना।
				CO4	राजस्थानी व्याकरण के विकास, परिवर्तन और भाषायी विविधताओं का मूल्यांकन करना।
DEPARTMENT OF SANSKRIT					
Sanskrit	I	भारतीय दर्शन	**SAN-101**	CO1	**दर्शनस्य तत्त्वज्ञानं**: • छात्रः भारतीय दर्शनस्य विविधं तत्त्वज्ञानं प्रतिपद्य अर्हति। • विद्यार्थि तत्त्वज्ञानस्य मूलसिद्धान्तानां एवं प्रतिपादकाणां सम्यक् ज्ञानं प्राप्तुम् अर्हति।

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				CO2	**दर्शनपद्धतिः**: • छात्रः भारतीय दर्शनस्य विभिन्नपद्धतिः, यथा वेदान्त, सांख्य, योग इत्यादीनां अध्ययनं कुर्वन् अस्मिन पाठ्यक्रमे अनुभवः प्राप्तुम् अर्हति।
				CO3	**संस्कृतभाषायाः उपयोगः**: • छात्रः संस्कृतभाषायाः उपयोगेऽस्मिन् क्षेत्रे विभिन्नसूत्राणि, ग्रन्थानि च आत्मनं प्रतिपादयितुं अर्हति।
				CO4	**आधुनिकदृष्टिकोनः**: • छात्रः भारतीय दर्शनस्य प्राचीनसिद्धान्तानां आधुनिकसमायोजनस्य च अन्तरं तु विश्लेषयितुम् अर्हति। • विद्यार्थी आधुनिकसमाजस्य संदर्भे भारतीय दर्शनस्य प्रासंगिकता एवं अनुप्रयोगं जानाति।
Sanskrit	I	भारतीय काव्यशास्त्र एवं व्याकरण शास्त्र	**SAN-102**	CO1	**काव्यशास्त्रस्य तत्त्वज्ञानम्**: • छात्रः भारतीय काव्यशास्त्रस्य प्रमुखतत्त्वानि, यथा रस, अलंकार, धर्म, तथा अन्यानि तत्वानि सम्यक् अधीतुम् अर्हति।

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				CO2	**काव्यकला तथा रचनायाः कौशलम्**: • छात्रः काव्यरचनायाम् विविधप्रकाराणि, यथा गीत, काव्य, नाटक इत्यादीनां तत्त्वान् प्रयोगश्च अनुभूतुम् अर्हति।
				CO3	**व्याकरणशास्त्रस्य ज्ञानम्**: • छात्रः संस्कृतव्याकरणस्य प्रमुखसूत्राणां, नियमाणां च पूर्णज्ञानम् अनुभवति।
				CO4	**भाषाशास्त्रस्य प्रयोगः**: • छात्रः संस्कृतभाषायाः व्याकरणिकानां नियमाणां एवं सिद्धान्तानां अभ्यासात् भाषाशास्त्रस्य प्रयोगशक्ति प्राप्तुम् अर्हति।
Sanskrit	I	ललित साहित्य	**SAN-103**	CO1	**ललित साहित्यस्य तत्त्वज्ञानम्**: • छात्रः ललितसाहित्यस्य मूलतत्त्वानि, यथा रसभेदाः, अलंकाराः, शिल्पकौशलम्, इत्यादीनि सम्यक् अधीतुम् अर्हति।
				CO2	**साहित्यरचनायाः कौशलम्**: • छात्रः ललितसाहित्ये रचनायाः विविधविधायाः, यथा काव्य, गीत, नाटक इत्यादीनां लेखनशिल्पं अनुभवति।

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				CO3	**साहित्यिक भाषाशास्त्रस्य प्रयोगः**: • छात्रः ललितसाहित्ये संस्कृतभाषायाः विशिष्टसिद्धान्तानां, यथा धातुपाठः, रूपाणि, संधिः इत्यादीनां प्रयोगं अनुभवति।
				CO4	**साहित्यशास्त्रस्य ऐतिहासिकसन्दर्भः**: • छात्रः ललितसाहित्यस्य ऐतिहासिकविकासस्य, विभिन्नकालसम्बद्धतायाः, एवं सांस्कृतिकप्रसंगस्य विवेचनम् अर्हति।
Sanskrit	I	वैदिक साहित्य	**SAN-A01**	CO1	**वैदिक साहित्यस्य तत्त्वज्ञानम्**: • छात्रः वैदिक साहित्यस्य प्रमुखग्रन्थानां, यथा ऋग्वेद, यजुर्वेद, सामवेद, अथर्ववेद, तेषां तत्त्वज्ञानम् आत्मनं प्राप्तुम् अर्हति।
				CO2	**वैदिक भाषायाः ज्ञानम्**: • छात्रः वैदिक साहित्ये प्रयुक्ता संस्कृतभाषायाः विशेषरूपं, यथा वैदिकसंस्कृतस्य धातुपाठः, रूपाणि, विशेषध्वनयः इत्यादीनां अध्ययनम् अर्हति।

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				CO3	**वैदिक साहित्यस्य सांस्कृतिकप्रसंगः**: • छात्रः वैदिक साहित्यस्य सांस्कृतिकप्रसङ्गं, यथा यज्ञविधानम्, वेदसाधनम्, तथा वैदिकपरंपरायाः अध्ययनात् सांस्कृतिकपृष्ठभूमिं अनुभवति।
				CO4	**वैदिक साहित्यस्य प्रयोगः**: • छात्रः वैदिक साहित्यस्य विद्यमानानां शास्त्रानां, यथा ब्राह्मणानि, उपनिषदानि, इत्यादीनां विवेचनं कुर्वन् तेषां उपयोगशक्ति अनुभवति।
Sanskrit	I	धर्मशास्त्र एवं ज्योतिष	**SAN-A02**	CO1	धर्मशास्त्रस्य प्रमुखसिद्धान्तानां च ग्रन्थानां च विश्लेषणं कुर्यात्, तेषां भूमिकां च भारतीयसामाजिकजीवने विधिकस्य च नैतिकस्य च मानदण्डानां निर्माणे।
				CO2	मनुस्मृतिः याज्ञवल्क्यस्मृतिः च इत्यादीनां धर्मशास्त्रग्रन्थानां ऐतिहासिकविकसनस्य प्रभावस्य च मूल्यांकनं कुर्यात्।
				CO3	भारतीयपरंपरे ज्योतिषस्य सिद्धान्तानां पद्धतिं च ज्ञातुम्, तस्य व्यक्तिगतं सामाजिकं च संदर्भे उपयोगस्य च विवेचनं कुर्यात्।
				CO4	धर्मशास्त्रस्य ज्योतिषस्य च पारस्परिकसंबंधस्य मूल्यांकनं कुर्यात्, ऐतिहासिकवर्तमानकालयोः सांस्कृतिकप्रथायाः च निर्णयप्रक्रियायाः च प्रभावितिः।

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Sanskrit	I	भाषा विज्ञान एवं निरुक्त	**SAN-A03**	CO1	भाषाविज्ञानस्य (Linguistics) मूलतत्त्वानि च सिद्धान्तानि च विश्लेष्यन्ताम्, यथा ध्वनिविज्ञानम् (Phonetics), वाक्यविधानम् (Syntax), अर्थविज्ञानम् (Semantics), सामाजिकभाषाविज्ञानम् (Sociolinguistics) इत्यादयः।
				CO2	भाषा संरचनायाः क्रियायाः च ऐतिहासिकः आधुनिकश्च दृष्टिकोणः मूल्याङ्कनीयः अस्ति।
				CO3	निरुक्तस्य (Etymology) अवधारयामः तस्य शब्दानां उत्पत्तिं च विकासं च अन्वेष्टुं तथा तेषां अर्थानां परिगणनायाः महत्त्वम्।
				CO4	भाषाविज्ञानस्य निरुक्तस्य च तत्त्वानां भाषाविकासस्य, भाषाशास्त्रपरिवर्तने, ऐतिहासिकग्रन्थेषु च अनुप्रयोगः मूल्याङ्कनीयः अस्ति।
Sanskrit	I	संरकृत साहित्य का इतिहास, संस्कृति एवं निबन्ध.	**SAN-A04**	CO1	**संस्कृत साहित्यस्य ऐतिहासिकविकासः**: • छात्रः संस्कृत साहित्यस्य ऐतिहासिकविकासस्य, यथा वेदकालेन प्रारम्भात् मध्यकालस्य पर्यन्तम्, विविधकालखण्डानां विश्लेषणं कुर्वन् सम्यक् ज्ञानम् अनुभवति।

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				CO2	**संस्कृत साहित्यस्य सांस्कृतिकप्रसंगः**: • छात्रः संस्कृत साहित्यस्य सांस्कृतिकपृष्ठभूमिं, यथा वेद, उपनिषद्, पुराण, महाकाव्य, नाट्यशास्त्र इत्यादीनां सांस्कृतिकपरिप्रेक्ष्यं विश्लेषयित्वा अनुभवति।
				CO3	**संस्कृत निबन्धलेखनम्**: • छात्रः संस्कृतभाषायाः निबन्धलेखनस्य तत्त्वानां, यथा विषयविवेचन, तर्कविवेचन, तथा अभिव्यक्तिसुंदरता इत्यादीनां अभ्यासात् दक्षतां प्राप्तुम् अर्हति।
				CO4	**साहित्यिक आलोचनात्मक अध्ययनम्**: • छात्रः संस्कृत साहित्यस्य विभिन्नग्रन्थानां, काव्यानां, निबन्धानां आलोचनात्मक अध्ययनं कृत्वा तेषां गुनदोषानां विश्लेषणं करोतु।
DEPARTMENT OF URDU					
Urdu	I	Classical Ghazal	**URD-101**	CO1	Analyze the structure, themes, and stylistic elements of classical ghazals, including their historical and cultural context.
				CO2	Evaluate the contributions of key poets to the development of the ghazal form and its impact on Persian and Urdu literature.

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				CO3	Understand the poetic devices, such as metaphors and symbols, used in classical ghazals to convey emotional and philosophical content.
				CO4	Assess the influence of classical ghazal traditions on contemporary poetry and its role in preserving and evolving literary heritage.
Urdu	I	Qasida	**URD-102**	CO1	Analyze the structure, themes, and stylistic features of qasida poetry, including its historical and cultural context.
				CO2	Evaluate the contributions of prominent poets to the development of the qasida form in Arabic, Persian, and Urdu literature.
				CO3	Understand the use of poetic devices and rhetorical techniques in qasida to convey themes such as praise, satire, and lamentation.
				CO4	Assess the influence of qasida poetry on later literary forms and its significance in the broader context of classical and modern poetry.
Urdu	I	Outlines History Of Urdu Literature Up To 1900 AD	**URD-103**	CO1	Analyze the major literary periods and movements in Urdu literature from its inception to 1900, including key works and authors.
				CO2	Evaluate the development of various genres, such as poetry (ghazal, qasida), prose, and drama, within the historical context of Urdu literature.
				CO3	Understand the influence of socio-political events, cultural exchanges, and linguistic evolution on Urdu literary forms and themes.
				CO4	Assess the contributions of notable Urdu writers and their impact on the development of modern Urdu literary traditions.
Urdu	I	Dastan	**URD-A01**	CO1	Analyze the narrative structure, themes, and stylistic elements of dastan, including its historical and cultural context.

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				CO2	Evaluate the contributions of prominent dastan writers and their influence on Persian and Urdu literary traditions.
				CO3	Understand the role of dastan in oral and written literature, including its use in storytelling, epic tales, and historical narratives.
				CO4	Assess the impact of dastan on subsequent literary forms and its significance in the preservation and evolution of cultural heritage.
Urdu	I	Short Story	**URD-A03**	CO1	Analyze the structure, themes, and stylistic elements of short stories, including narrative techniques and character development.
				CO2	Evaluate the contributions of key short story writers and their impact on the genre and literary traditions.
				CO3	Understand the historical and cultural contexts that influence short story writing and its role in reflecting societal issues.
				CO4	Assess the significance of the short story form in modern literature and its effectiveness in conveying complex ideas within a concise narrative.
Urdu	I	Hali	**URD-B01**	CO1	Analyze the literary contributions of Altaf Hussain Hali, focusing on his major works such as *Maqamat-e-Hali* and *Hayat-e-Suhrab*.
				CO2	Evaluate Hali's role in the development of Urdu literature and his influence on the modern Urdu ghazal and prose.
				CO3	Understand Hali's thematic concerns, including social reform, cultural revival, and his critique of contemporary literary practices.
				CO4	Assess Hali's impact on subsequent Urdu literature and his legacy in shaping the direction of modern Urdu writing.

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FACULTY OF COMMERCE

DEPARTMENT OF ABST

M.Com (ABST)	I	Business Mathematics and Statistics	**ABS 101**	CO 1	This course would equip the student with tools and models to analyze business data
				CO 2	Help to analyze business problem by applying various statistical methods.
				CO 3	The learners will understand the basics of data science and data analytics.
				CO 4	It facilitate them with forecasting performance & optimizing operation.
	I	Direct Tax	**ABS 102**	CO 1	To provide a high-level of learning about the various heads of income, computation of total income and measures to deal with related problems, such as interest, refunds, penalties, persecutions
				CO 2	Impart knowledge about assessment of trust, local authorities, cooperative societies, non-residents and representative assesses.

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				CO 3	Provide an understanding about advance rolling, double taxation, relief, and foreign collaboration.
				CO 4	By understanding direct tax laws one can plan them finances.
	I	Advance Cost Accounting	**ABS 103**	CO 1	Develops students' ability to construct accounting reports.
				CO 2	Student will learn to apply their knowledge by making decisions from such accounting information.
				CO 3	Students gain knowledge about types of cost accounts and develop analytical skills in this field.
				CO 4	They will learn process costing, marginal costing & how to prepare regular cost reports based on it.
	I	Management and Operational Audit	**ABS A-01**	CO 1	Develop students ability to construct management audit accounting reports.
				CO 2	It builds strong performance analysis auditing and management skill in the students.

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				CO 3	It will build capability to verity that organizational policies and processes are being implemented or not.
				CO 4	It provides various ways to optimize efficiency of an organization
	I	Financial Reporting	**ABS A-02**	CO 1	This course aims at equipping the students with the basic concepts of financial reporting.
				CO 2	Students will be exposed to various issues and developments in financial reporting.
				CO 3	It updates about the recent trends in the financial system.
				CO 4	The paper enables the students to have better understanding about human resource accounting.
	I	Tax and Audit Practical	**ABS A-03**	CO 1	Students learn auditing process & methods that auditors use to obtain reliable audit evidence.
				CO 2	This subjects enable them to gain a sound judgment about an organizations financial status.

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				CO 3	It help them to check whether the financial statements are prepared in accordance with the relevant accounting standards
				CO 4	It provides a valuable opportunity to learn practically whatever has been learnt theoretically.
	I	Information system and accounting	**ABS A-04**	CO 1	To introduce the students basic of accounts and the usage of tally for accounting purpose.
				CO 2	Students will learn to create company enter accounting voucher entries, reconcile bank statement etc.
				CO 3	Develop analytical skill using tally & generate different types of financial statements.
				CO 4	Students will learn computerized accounting by using excel in business application.
M.Com. CMA	I	Cost Accounting	**MCC 101**	CO 1	Develops students' ability to construct accounting reports.
				CO 2	Student will learn to apply their knowledge by making decisions from such accounting information.
				CO 3	Students gain knowledge about types of cost accounts and develop analytical skills in this field.

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				CO 4	They will learn process costing, marginal costing & how to prepare regular cost reports based on it.
	I	Income Tax Law and Practice	**MCC 102**	CO 1	To provide a high-level of learning about the various heads of income, computation of total income and measures to deal with related problems, such as interest, refunds, penalties, persecutions
				CO 2	Impart knowledge about assessment of trust, local authorities, cooperative societies, non-residents and representative assesses.
				CO 3	Provide an understanding about advance rolling, double taxation, relief, and foreign collaboration.
				CO 4	By understanding direct tax laws one can plan them finances.
	I	Fundamentals of Accounting	**MCC 103**	CO 1	Understanding of the basic concepts and process of accounting.
				CO 2	Ability to prepare various subsidiary books, trial balance and final accounts of a sole proprietorship business

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				CO 3	Ability to prepare departmental profit and loss account and balance sheet.
				CO 4	Have deeper understanding with various methods of preparing branch accounts
	I	Business Statistics	**MCC-A01**	CO 1	Understand the basics of statistics and its applications.
				CO 2	Understand various statistical tools for business decision-making.
				CO 3	Select the appropriate method for data collection, presentation, analysis, and interpretation to make informed decisions.
				CO 4	Analyse the relationship between two variables of various managerial situations
	I	Theory and Practice of Auditing	**MCC-A02**	CO 1	Develop a comprehensive understanding of auditing principles and standards through theoretical knowledge and practical application.
				CO 2	Analyze and evaluate financial statements and internal controls to identify and address potential audit risks and issues.
				CO 3	Apply auditing techniques and methodologies to conduct effective and efficient audits, ensuring compliance with regulatory requirements.
				CO 4	Enhance skills in communication and reporting by preparing clear and concise audit reports and presenting findings to stakeholders.

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	I	Tax and Audit Practical	**MCC-A03**	CO 1	Students learn auditing process & methods that auditors use to obtain reliable audit evidence.
				CO 2	This subject enable them to gain a sound judgment about an organizations financial status.
				CO 3	It help them to check whether the financial statements are prepared in accordance with the relevant accounting standards.
				CO 4	It provides a valuable opportunity to learn practically whatever has been learnt theoretically.
	I	Information System Accounting	**MCC-A04**	CO 1	To introduce the students basic of accounts and the usage of tally for accounting purpose.
				CO 2	Students will learn to create company enter accounting voucher entries, reconcile bank statement etc
				CO 3	Develop analytical skill using tally & generate different types of financial statements.
				CO 4	Students will learn computerized accounting by using excel in business application.

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DEPARTMENT OF BUSINESS ADMINISTRATION

M.Com (Bus. Admn.)	I	Theory and Practice of Management	**BUA 101**	CO 1	Students will articulate management roles, functions, and skills.
				CO 2	Students will develop plans and make decisions using MBO and change management techniques.
				CO 3	Students will apply leadership styles and effective communication.
				CO 4	Students will analyze ethical issues, CSR, and global management practices.
	I	Marketing Management	**BUA 102**	CO 1	Students will understand marketing processes, environments and ethical issues.
				CO 2	Students will develop product policies , brand equity , and packaging strategies.
					Students will create pricing objectives, strategies , and discount policies.
					Students will evaluate distribution channels , advertising programs, and sales promotion tools.
	I	Human Resource Management	**BUA 103**	CO 1	Understand the role and significance of HRM in the modern organizational environment.
				CO 2	Be able to conduct job analysis and design effective HR plans.

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				CO 3	Gain insights into various recruitment and selection processes, including psychological testing and interviewing.
				CO 4	Evaluate different performance appraisal methods and compensation management practices.
	I	Management Accountancy	**BUA 104**	CO 1	Grasp the fundamentals of Management Accounting and its role in decision- making.
				CO 2	Analyze financial statements using various techniques, including ratio and cash flow analysis.
				CO 3	Apply capital budgeting and leverage concepts in financial decision-making. .
				CO 4	Conduct variance and break-even analyses for business forecasting.
	I	Industrial Relations and Social Security	**BUA 105**	CO 1	Understand the nature and changing patterns of Industrial Relations in India.
				CO 2	Identify and assess the causes and resolution methods for industrial disputes.
				CO 3	Evaluate the functioning and impact of employer and employee associations on industrial relations.

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				CO 4	Gain knowledge of social security laws and their application in the workplace.
	I	Modern Business Communication	**BUA 106**	CO 1	Understand the principles of effective communication and how to overcome barriers.
				CO 2	Write and format various types of business letters and effectively use communication technologies.
				CO 3	Confidently engage in public speaking, interviews, and group discussions.
				CO 4	Demonstrate proper business etiquette and manners in professional settings.
	I	Entrepreneurship Development	**BUA 107**	CO 1	Understand the role of entrepreneurship in economic development and the qualities of successful entrepreneurs.
				CO 2	Learn the process of establishing and managing SMEs, including the preparation of project reports.

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				CO 3	Conduct project formulation and financial analysis for small business ventures.
				CO 4	Identify and utilize institutional support for entrepreneurship development in Rajasthan.
DEPARTMENT OF EAFM					
M.Com (EAFM)	I	Micro Economics Analysis	**EFM 101**	CO 1	Understand the foundational concepts and theories in microeconomics.
				CO 2	Explore different approaches and effects in consumer decision-making.
				CO 3	Study the production function and cost function.
				CO 4	Examine market structures and their implications on pricing and output.
	I	Financial Management	**EFM-102**	CO 1	Understand the dynamics of financial management.
				CO 2	Study capital structure theories and financial planning techniques
				CO 3	Analyze determinants and sources of working capital.

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				CO 4	Understand the processes involved in managing securities and capital budgeting
	I	Rural Economics	**EFM-103**	CO 1	Understand the basic features and characteristics of the rural economy in India.
				CO 2	Explore the concept and importance of crop loans and the linkage between credit and marketing in agriculture.
				CO 3	study the definition, legal framework, and institutional support for rural industries, focusing on MSMEs.
				CO 4	Examine the need and significance of rural infrastructure, including roads, electrification, water supply, and marketing facilities.
	I	Public Enterprises	**EFM-A01**	CO 1	Ability to evaluate the scope of public enterprises, and assess their economic and social impact.
				CO 2	Proficiency in distinguishing between different forms of public enterprises.
				CO 3	Ability to evaluate merits and demerits of governancestructures; understand the impact of disinvestment and privatization in specific sectors.
				CO 4	Capability to assess financial policies, budgeting, and investment strategies; understand the dynamics of worker participation in public enterprise management.
	I	Indian Economic Development and	**EFM-A02**	CO 1	Analyse development indicators like PQLI, HDI, and gender indices; evaluate planning strategies and learn from historical plan successes and

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		Policy			failures.
				CO 2	Assess the impact of demographic changes; understand financing mechanisms for infrastructure development.
				CO 3	Analyze issues in food security and sustainable agriculture; evaluate the performance of public sector enterprises and debate around privatization; understand industrial growth patterns and labour market reforms.
				CO 4	Analyze central and state government finances; assess the impact of fiscal policies on the economy and evaluate ongoing reforms in the fiscal sector.
	I	Industrial Economics	**EFM-A03**	CO 1	Ability to analyse the economic factors driving industrialization.
				CO 2	Proficiency in measuring industrial efficiency; capability to assess the impact of industrial combinations and competition regulations.
				CO 3	Ability to identify types and sources of industrial finance; analyse funding choices and their implications for industrial growth.
				CO 4	Capability to evaluate factors influencing industrial location; analyse trends in industrial productivity and MSME sector performance.
	I	Quantitative Techniques	**EFM A04**	CO 1	Students will be able to explain how quantitative techniques contribute to decision-making processes in business and industry.
				CO 2	Students will be proficient in calculating and interpreting correlation coefficients and regression models, and applying them to analyze business data.
				CO 3	Students will be capable of formulating research questions, designing research studies, and evaluating the quality of research designs.

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				CO 4	Students will be skilled in designing data collection tools such as questionnaires and interviews, and applying scaling techniques to ensure data validity and reliability.

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FACULTY OF EDUCATION

DEPARTMENT OF EDUCATION					
M.Ed.	I	Psychology of Learning and Development	**M.Ed. 01**	CO1	Understand key theories and principles of learning and developmental psychology.
				CO2	Analyze how cognitive, emotional, and social factors influence learning processes and development.
				CO3	Apply psychological insights to enhance educational practices and instructional design.
				CO4	Explore developmental stages and their impact on educational outcomes and teaching strategies.
M.Ed.	I	Historical, Political and Economical Perspective	**M.Ed. 02**	CO1	Understand the historical, political, and economic factors shaping educational systems and policies.
				CO2	Analyze the impact of historical events and political decisions on educational practices and reforms.
				CO3	Explore the role of economic conditions in influencing educational opportunities and resources.
				CO4	Apply perspectives from history, politics, and economics to evaluate and address current educational issues.
M.Ed.	I	Educational Studies	**M.Ed. 03**	CO1	Understand foundational concepts and theories in educational studies.

				CO2	Analyze educational policies, practices, and their impact on teaching and learning.
				CO3	Explore various approaches to curriculum development and instructional design.
				CO4	Apply educational research to evaluate and improve educational systems and practices.
M.Ed.	I	Introduction to Research Methods	**M.Ed. 04**	CO1	Understand fundamental research methods and design principles in educational research.
				CO2	Develop skills in formulating research questions, hypotheses, and designing studies.
				CO3	Apply qualitative and quantitative research techniques for data collection and analysis.
				CO4	Interpret research findings and communicate results effectively through written reports and presentations.
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE					
Master of Library and Information Science	I	Basics of Research and Statistical Methods(Theory)	**MLS - 701**	CO1	Understand fundamental research concepts and methodologies in library and information science.

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				CO2	Apply statistical techniques for data analysis and interpretation in research studies.
				CO3	Develop skills in designing research projects and formulating hypotheses.
				CO4	Evaluate research findings and present statistical data effectively.
Master of Library and Information Science	I	Information and Communication Technology (Theory)	**MLS - 702**	CO1	Understand the role and impact of information and communication technology in libraries and information management.
				CO2	Analyze various ICT tools and their applications for information retrieval and dissemination.
				CO3	Explore trends and innovations in technology affecting library services and operations.
				CO4	Apply ICT concepts to improve library management systems and user services.
Master of Library and Information Science	I	Knowledge Organization and Information Processing (Theory)	**MLS - 703**	CO1	Understand principles and methods of knowledge organization and information processing.
				CO2	Apply classification schemes, indexing, and metadata standards for organizing information.
				CO3	Analyze and design systems for effective information retrieval and management.

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				CO4	Explore advancements in information processing technologies and their impact on knowledge management.
Master of Library and Information Science	I	Knowledge Organization and Information Processing: UDC (Practical)	**MLS - 711**	CO1	Apply the Universal Decimal Classification (UDC) system for effective knowledge organization.
				CO2	Develop practical skills in cataloging and classifying information using UDC.
				CO3	Create and manage classification schemes for various types of library resources.
				CO4	Evaluate and refine classification practices to enhance information retrieval and organization.
Master of Library and Information Science	I	Information Source and Literature in Natural Science (Theory)	**Elective A01**	CO1	Understand the types and structures of information sources and literature in natural sciences.
				CO2	Analyze the role of scientific literature in research and information retrieval.
				CO3	Explore methods for evaluating and accessing scientific information sources.

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				CO4	Apply knowledge to develop effective strategies for managing and Disseminating natural science information.
Master of Library and Information Science	I	Information Source and Literature in Social Science (Theory)	Elective A02	CO1	Understand the types and structures of information sources and literature in social sciences.
				CO2	Analyze the role of social science literature in research and information retrieval.
				CO3	Explore methods for evaluating and accessing social science information sources.
				CO4	Apply knowledge to develop effective strategies for managing and disseminating social science information.
DEPARTMENT OF PHYSICAL EDUCATION					
M.P.Ed.	I	Research Process in Physical Education and Sports Science	**MPCC - 101**	CO1	Understand the research process and methodologies specific to physical education and sports science.
				CO2	Develop skills in formulating research questions, designing studies, and collecting data.
				CO3	Apply statistical and analytical techniques to evaluate research findings in sports contexts.

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				CO4	Interpret and present research results to inform practice and advance knowledge in physical education and sports science.
M.P.Ed.	I	Physiology of Exercise	**MPCC - 102**	CO1	Understand the physiological responses and adaptations to various forms of physical exercise.
				CO2	Analyze how exercise affects cardiovascular, muscular, and metabolic systems.
				CO3	Explore exercise prescriptions and their impact on health and performance.
				CO4	Apply knowledge of exercise physiology to design effective training and rehabilitation programs.
M.P.Ed.	I	Yogic Science	**MPCC - 103**	CO1	Understand the principles and practices of yogic science and its impact on physical and mental health.
				CO2	Analyze various yoga techniques, including asanas, pranayama, and meditation.
				CO3	Explore the benefits of yoga for enhancing flexibility, strength, and well-being.
				CO4	Apply yogic principles to develop and implement wellness and fitness programs.
M.P.Ed.	I	Test, Measurement and Evolution in Physical	**MPEC - 101**	CO1	Understand the principles and methods of testing, measurement, and evaluation in physical education.

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		Education (Elective)			
				CO2	Apply various assessment tools to measure physical performance and educational outcomes.
				CO3	Analyze and interpret test results to inform instructional strategies and program development.
				CO4	Evaluate the effectiveness of assessment methods and their impact on student progress and development.
M.P.Ed.	I	Sports Technology	**MPEC - 102**	CO1	Understand the role of technology in enhancing sports performance and management.
				CO2	Analyze the impact of sports technology on training, equipment, and athlete monitoring.
				CO3	Explore innovations and applications of technology in sports science and performance analysis.
				CO4	Evaluate the effectiveness of technological tools and their integration into sports practices and strategies.

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FACULTY OF FINE ARTS

Program	Sem.	Name of Course	Code	CO	Description
DEPARTMENT OF MUSIC					
M.A. Music	I	Theoretical Study of Vocal Music and Principle of Music (SHASTRA)	**MUSV - 701**	CO1	Understand fundamental theories and principles of vocal music and classical music traditions
				CO2	Analyze the historical and theoretical foundations of music as per Shastra (ancient texts).
				CO3	Apply theoretical knowledge to interpret and perform classical vocal music compositions.
				CO4	Explore the principles of music theory, including ragas, talas, and musical aesthetics.
M.A. Music	I	Vocal Presentation of Ragas	**MUSV - 711**	CO1	Develop proficiency in vocal techniques for presenting various ragas.
				CO2	Understand the theoretical and emotional aspects of different ragas.
				CO3	Perform ragas with appropriate style, expression, and accuracy.
				CO4	Apply knowledge of ragas to enhance musical expression and improvisation in vocal performance.

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M.A. Music	I	Analytical Study of Ragas in Vocal Music	**MUSV - 712**	CO1	Analyze the structure, characteristics, and elements of various ragas in vocal music.
				CO2	Understand the theoretical basis and emotional expressions of different ragas.
				CO3	Apply analytical techniques to interpret and perform ragas effectively.
				CO4	Evaluate the application of ragas in classical vocal music and their impact on performance.
M.A. Music	I	Historical Study of Indian Vocal Music	**MUSV - A01**	CO1	Explore the historical development and evolution of Indian vocal music.
				CO2	Analyze key periods, styles, and influential figures in Indian vocal music history.
				CO3	Understand the impact of cultural, social, and religious contexts on Indian vocal traditions.
				CO4	Evaluate the contributions of historical developments to contemporary Indian vocal music practices.
M.A. Music	I	Various Forms of Hindustani Classical Vocal Music	**MUSV - A02**	CO1	Understand the different forms and styles within Hindustani classical vocal music.
				CO2	Analyze the characteristics and structures of various vocal forms such as dhrupad, khayal, and thumri.
				CO3	Explore the historical and cultural contexts influencing these vocal forms.

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				CO4	Apply knowledge to perform and interpret traditional Hindustani vocal compositions.
M.A. Music	I	Presentation of Folk Music & Tradition of the Region	**MUSV - A03**	CO1	Understand the characteristics and cultural significance of regional folk music traditions.
				CO2	Analyze the stylistic elements and performance practices of local folk music.
				CO3	Present and perform folk music with respect to its traditional context and authenticity.
				CO4	Explore the impact of regional folk traditions on contemporary music and culture.
M.A. Music	I	Harmonium Vadan (Practical)	**MUSV - A04**	CO1	Develop proficiency in playing the harmonium with technical skill and musical expression.
				CO2	Apply techniques for accompaniment and solo performance in various musical styles.
				CO3	Understand the role of the harmonium in different musical genres and traditions.
				CO4	Enhance musicality and coordination through practical exercises and performance practice.
M.A. Music	I	Tabla Vadan	**MUSV -**	CO1	Develop proficiency in playing tabla through practical exercises and

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		(Practical)	**A05**		compositions.
				CO2	Apply rhythmic patterns and techniques in traditional and contemporary tabla performances.
				CO3	Understand and execute various talas and compositions specific to tabla music.
				CO4	Enhance skills in improvisation and rhythmic accompaniment for diverse musical contexts.
DEPARTMENT OF DRAMATICS					
M.A. Dramatics	I	Classical and Traditional Indian Drama Literature (Theory)	**DRM - 101**	CO1	Understand the key elements and genres of classical and traditional Indian drama literature.
				CO2	Analyze historical, cultural, and thematic aspects of major Indian dramatic works.
				CO3	Explore the evolution and influence of classical and traditional drama on contemporary theatre.
				CO4	Apply theoretical insights to interpret and critique Indian dramatic texts and performances.
M.A. Dramatics	I	Western Theatre – Greek to Elezabethan (Theory)	**DRM - 102**	CO1	Understand the development and characteristics of Western theatre from Greek to Elizabethan periods.

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				CO2	Analyze major dramatic works, playwrights, and theatrical conventions of each era.
				CO3	Explore the historical and cultural contexts influencing Western theatre evolution.
				CO4	Apply theoretical knowledge to interpret and critique classical Western theatrical texts and performances.
M.A. Dramatics	I	Acting and Speech (Theory)	**DRM - 103**	CO1	Understand fundamental theories and techniques of acting and speech in dramatic arts.
				CO2	Analyze the role of vocal and physical expression in character development and performance.
				CO3	Explore methods for enhancing dramatic interpretation and communication skills.
				CO4	Apply acting and speech principles to improve performance quality and stage presence.
M.A. Dramatics	I	Acting and Speech (Practical)	**DRM - 121**	CO1	Develop practical skills in acting techniques and speech delivery for stage performance.
				CO2	Apply vocal exercises and physical movements to enhance character portrayal and expression.
				CO3	Practice improvisation and scripted performances to improve stage

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					presence and adaptability.
				CO4	Evaluate and refine acting and speech techniques through practical performance experiences.
M.A. Dramatics	I	Play Analysis (Practical)	**DRM - 122**	CO1	Develop skills in analyzing and interpreting plays from various genres and periods.
				CO2	Apply practical techniques to dissect dramatic structure, character development, and thematic elements.
				CO3	Explore the use of staging, direction, and performance aspects in play analysis.
				CO4	Create comprehensive critiques and discussions of plays to enhance understanding and performance.
M.A. Dramatics	I	Scene Work (Practical)	**DRM - 111**	CO1	Develop skills in analyzing and performing selected scenes from dramatic works.
				CO2	Apply techniques for character development, blocking, and ensemble collaboration.
				CO3	Enhance interpretative and expressive abilities through scene rehearsals and performances.

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				CO4	Evaluate and refine scene execution based on feedback and practical experience.
DEPARTMENT OF DRAWING AND PAINTING					
M.A. Drawing & Painting	I	History of Indian Art	**DRP 701**	CO1	Understand the chronological development and major styles of Indian art history.
				CO2	Analyze significant art movements, artists, and cultural influences across different periods.
				CO3	Explore the impact of historical, religious, and social contexts on Indian art forms.
				CO4	Apply historical insights to interpret and critique Indian art and its evolution.
M.A. Drawing & Painting	I	Landscape Drawing	**DRP 711**	CO1	Develop technical skills in creating detailed and expressive landscape drawings.
				CO2	Apply principles of perspective, composition, and shading to depict natural landscapes.
				CO3	Explore various drawing techniques and media to capture environmental features.

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				CO4	Enhance observational skills and artistic interpretation through landscape drawing practice.
M.A. Drawing & Painting	I	Relief Mural Art	**DRP 712**	CO1	Understand the techniques and materials used in creating relief mural art.
				CO2	Develop skills in designing and sculpting three-dimensional elements for murals.
				CO3	Apply principles of composition and texture to produce visually compelling relief artworks.
				CO4	Explore artistic expression and cultural themes through the medium of relief mural art.
M.A. Drawing & Painting	I	History of Oriental Art	**DRP A01**	CO1	Understand the evolution and styles of Oriental art across various cultures and periods.
				CO2	Analyze key art movements, influential artists, and cultural influences in Oriental art.
				CO3	Explore the historical, religious, and social contexts shaping Oriental art forms.
				CO4	Apply knowledge to interpret and critique Oriental art and its impact on global art traditions.
M.A. Drawing & Painting	I	Print Making	**DRP A02**	CO1	Develop technical skills in various printmaking techniques such as etching, lithography, and screen printing.
				CO2	Apply principles of design and composition to create original print

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					artworks.
				CO3	Understand the processes and materials involved in printmaking and their effects on artistic expression.
				CO4	Evaluate and critique printmaking projects to enhance creative and technical abilities.
M.A. Drawing & Painting	I	History of Western Art	**DRP A03**	CO1	Understand the evolution of Western art from ancient to contemporary periods.
				CO2	Analyze key artistic movements, styles, and influences in Western art history.
				CO3	Explore significant artists, their works, and their impact on art development.
				CO4	Apply historical knowledge to interpret and critique Western art across different eras.
M.A. Drawing & Painting	I	Folk and Tribal Arts of India	**DRP A06**	CO1	Understand the characteristics and cultural significance of folk and tribal arts in India.
				CO2	Analyze various traditional art forms and their regional variations.
				CO3	Explore techniques and materials used in creating folk and tribal artworks.
				CO4	Apply knowledge to preserve, interpret, and celebrate India's diverse artistic heritage.

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M.V.A. Painting	I	Indian Aesthetics (Oriental)	**VAP 901**	CO1	Understand the fundamental principles and concepts of Indian aesthetics and its Oriental roots.
				CO2	Analyze the influence of Indian aesthetic theories on visual arts and cultural expressions.
				CO3	Explore key aesthetic traditions, including rasa, dhvani, and other critical concepts in Indian art.
				CO4	Apply theoretical insights to interpret and create artworks within the context of Indian aesthetic principles.
M.V.A. Painting	I	Criticism of Modern Art (Ind.)	**VAP 902**	CO1	Understand the theoretical frameworks and methodologies for critiquing modern Indian art.
				CO2	Analyze key movements, styles, and artists within the context of modern Indian art.
				CO3	Evaluate the impact of socio-cultural and political factors on contemporary art practices.
				CO4	Apply critical perspectives to interpret and assess modern Indian artworks.
M.V.A.Sculpture	I	History of Indian Sculpture	**VAS 902**	CO1	Understand the chronological development and major styles of Indian sculpture.
				CO2	Analyze key sculptural works, techniques, and cultural influences across different periods.
				CO3	Explore the historical, religious, and social contexts shaping Indian

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					sculpture.
				CO4	Apply critical insights to interpret and evaluate Indian sculptural art forms.
M.V.A. Applied Arts	I	Advertising and Marketing - I	**VAA 901**	CO1	Understand the fundamentals of advertising and marketing strategies in applied arts.
				CO2	Analyze consumer behavior and market trends to create effective advertising campaigns.
				CO3	Develop skills in branding, promotion, and visual communication for marketing purposes.
				CO4	Apply advertising principles to design impactful and targeted marketing materials.
M.V.A. Applied Arts	I	Criticism of Modern Indian Art	**VAA 902**	CO1	Understand the key concepts and movements in modern Indian art criticism.
				CO2	Analyze the works and contributions of major modern Indian artists and critics.
				CO3	Explore the social, political, and cultural influences on modern Indian art.
				CO4	Apply critical theories to evaluate and interpret modern Indian artworks.
M.V.A. Applied Arts	I	Advance Advertising Design I – Corporate Identity Design	**VAA 911**	CO1	Develop advanced skills in creating corporate identity and branding designs.

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				CO2	Understand the principles of logo design, brand identity, and visual consistency.
				CO3	Analyze client requirements to create cohesive and impactful corporate identity systems
				CO4	Apply design techniques to develop professional corporate branding and communication materials.
M.V.A. Applied Arts	I	Visualization I	**VAA 912**	CO1	Develop creative concepts and ideas through visualization techniques.
				CO2	Enhance skills in translating ideas into visual formats for communication.
				CO3	Explore various tools and media for effective visual representation.
				CO4	Apply principles of design and composition to create impactful visual content.

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FACULTY OF LAW

Program	Sem.	Name of Course	Code	CO	Description
DEPARTMENT OF LAW					
LLM (General)	I	Legal Theory-I	**LLM1011**	CO1	Demonstrate a thorough understanding of key legal theories and schools of thought, including but not limited to natural law, legal positivism, legal realism, and critical legal studies.
				CO2	Assess the impact of different legal theories on legal interpretation, legislation, and judicial decision-making.
				CO3	Apply legal theories to real-world legal problems and scenarios, demonstrating an ability to translate theoretical concepts into practical solutions.
				CO4	Compare and contrast the main legal theories across different jurisdictions and historical contexts.
	I	Constitutional Law of India: New Challenges	**LLM1012**	CO1	Demonstrate an in-depth understanding of the structure, principles, and provisions of the Indian Constitution, including fundamental rights, directive principles, and the federal structure.
				CO2	Analyze the historical and philosophical foundations of the Indian

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					Constitution and their impact on contemporary legal issues.
				CO3	Identify and critically analyze new and emerging challenges in Indian constitutional law, such as issues related to digital privacy, freedom of expression in the digital age, and the impact of global trends on Indian constitutionalism.
				CO4	Apply constitutional principles to contemporary legal issues and case studies, demonstrating the ability to address practical problems within the framework of the Indian Constitution.
	I	Legal research methodology	**LLM1013**	CO1	Demonstrate a comprehensive understanding of various research methodologies applicable to legal studies, including doctrinal, empirical, comparative, and interdisciplinary approaches.
				CO2	Explain the principles and procedures of legal research, including hypothesis formulation, literature review, and research design.
				CO3	Evaluate and utilize a range of legal sources effectively, including statutes, case law, academic literature, and secondary sources.
				CO4	Apply appropriate techniques for collecting and analyzing legal data, including qualitative methods such as interviews and focus groups, as well as quantitative methods such as surveys and statistical analysis.
	I	Law and social transformation in	**LLM1014**	CO1	Analyze how legal frameworks have both influenced and been influenced by social transformation in various areas such as caste,

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		India			gender, and economic inequality.
				CO2	Evaluate significant legal reforms and their impact on social transformation in India, including landmark legislation such as the Right to Information Act, the Juvenile Justice Act, and laws related to gender equality and affirmative action.
				CO3	Examine the role of law in promoting social justice, including the protection of marginalized groups and the advancement of equitable policies.
				CO4	Examine the role of law in promoting social justice, including the protection of marginalized groups and the advancement of equitable policies.
	I	Legislation principles	**LLM1015**	CO1	Demonstrate a comprehensive understanding of the legislative process, including the stages of lawmaking, from proposal and drafting to enactment and implementation.
				CO2	Apply key principles of legislative drafting to create clear, precise, and effective legal texts, including statutes, regulations, and other legislative instruments.
				CO3	Interpret legislative texts using established principles and methods of statutory interpretation, including literal, purposive, and contextual approaches.

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				CO4	Develop legislative proposals that effectively address specific policy issues, incorporating stakeholder input and evidence-based research.
LLM (Human Rights and Value Education)	I	HUMAN rights: legal and philosophical perspectives	**CHR1011**	CO1	Demonstrate a thorough understanding of the key legal and philosophical theories underpinning human rights, including natural law, positivism, and critical theories.
				CO2	Analyze major international human rights instruments, such as the Universal Declaration of Human Rights, the International Covenant on Civil and Political Rights, and regional human rights treaties.
				CO3	Analyze major international human rights instruments, such as the Universal Declaration of Human Rights, the International Covenant on Civil and Political Rights, and regional human rights treaties.
				CO4	Understand and articulate the moral and ethical justifications for human rights and their implications for legal and political theory.
	I	Human rights: international and regional perspectives	**CHR1012**	CO1	Demonstrate a comprehensive understanding of major international human rights instruments and organizations, including the Universal Declaration of Human Rights, the International Covenants, and the United Nations Human Rights Council.
				CO2	Assess how regional human rights systems complement or challenge international human rights frameworks.

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				CO3	Compare and contrast international and regional human rights mechanisms in terms of their approaches, effectiveness, and impact on human rights protection.
				CO4	Examine key regional human rights issues and challenges, including those related to ethnic and cultural diversity, political conflicts, and economic disparities.
				CO6	Understand the role of endocrine system in nutrient metabolism and its regulation.
	I	Constitutional Law of India: New Challenges	**CHR1013**	CO1	Demonstrate an in-depth understanding of the structure, principles, and provisions of the Indian Constitution, including fundamental rights, directive principles, and the federal structure.
				CO2	Analyze the historical and philosophical foundations of the Indian Constitution and their impact on contemporary legal issues.
				CO3	Identify and critically analyze new and emerging challenges in Indian constitutional law, such as issues related to digital privacy, freedom of expression in the digital age, and the impact of global trends on Indian constitutionalism.
				CO4	Apply constitutional principles to contemporary legal issues and case studies, demonstrating the ability to address practical problems within the framework of the Indian Constitution.

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				CO4	Developing skills in students for various types of titrimetric estimations.
	I	Human rights and criminal justice	**CHR1014**	CO1	Demonstrate a thorough understanding of the key human rights principles relevant to criminal justice, including the right to a fair trial, the prohibition of torture, and the rights of detainees.
				CO2	Identify and analyze potential human rights violations within criminal justice systems, such as wrongful convictions, excessive use of force, and discrimination.
				CO3	Examine the role of law enforcement agencies in upholding human rights, including practices related to police conduct, use of force, and interrogation techniques.
				CO4	Assess the effectiveness of judicial systems in ensuring fair trials and protecting the rights of the accused, including reviewing case law and judicial practices.
	I	Human rights: justice and disadvantaged group	**CHR1015**	CO1	Demonstrate a comprehensive understanding of the various disadvantaged groups, including but not limited to racial and ethnic minorities, women, LGBTQ+ individuals, persons with disabilities, and economically disadvantaged populations.
				CO2	Explain how international and domestic human rights frameworks address the needs of disadvantaged groups, including relevant

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					treaties, conventions, and policies.
				CO3	Apply intersectional analysis to understand the compounded effects of multiple forms of discrimination and develop more nuanced approaches to human rights protection.
				CO4	Develop and implement advocacy strategies to advance the rights of disadvantaged groups, including engaging with policymakers, civil society, and the media.
	I	Human rights: justice and disadvantaged group	**CHR1016**	CO1	Demonstrate a comprehensive understanding of recent significant legal developments, including new legislation, amendments to existing laws, and evolving legal doctrines.
				CO2	Evaluate the impact of recent case law on legal practice and its role in shaping or altering legal precedents and doctrines.
				CO3	Compare recent legal developments in different jurisdictions to understand their similarities, differences, and potential influences on each other.
				CO4	Develop and implement advocacy strategies that incorporate recent case law and legislative changes to effectively address contemporary legal issues.

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FACULTY OF MANAGEMENT

Program	Sem.	Name of Course	Code	CO	Description
MBA	**I**	**Accounting For Managers**	**MGM 101**	CO 1	Understanding how accounting decisions affect real company practices.
				CO 2	Understand the concepts of Deprecation, Inventory valuation and the methods employed by Indian Companies.
				CO 3	Strengthening the foundations of the analytical approach to Managerial decision-making.
				CO 4	Understanding consumer behavior.
	I	**Marketing Management-I**	**MGM 102**	CO 1	Understanding the nature and scope of marketing
				CO 2	Develop an understanding of various marketing philosophies
				CO 3	Understanding the marketing mix and marketing environment

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				CO 4	Understanding segmentation, targeting and positioning
	I	**Human Resource Management**	**MGM 103**	CO 1	Participants will be able to understand the importance of managing human resources professionally, in view of the constantly changing aspirations of individuals, the business context, and organizational dynamics in the health sector;
				CO 2	Participants will be able to understand the foundations of managing human resources in organizations, in terms of systems, strategies and practices;
				CO 3	Participants will be able to appreciate the need for well-designed HR policies that enhance employee motivation and performance;
				CO 4	Participants will be able to learn the tools and techniques of human resource management systems;
	I	Data Analysis and Decision Tools	**MGM 104**	CO 1	Know different sources of data
				CO 2	Ability to summarize and present data to a diverse audience
				CO 3	Understand and use sampling and inferential statistics
				CO 4	Ability to use spreadsheet software for data analysis and statistical model building

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	I	Managerial Economics	**MGM 105**	CO 1	Strengthening the foundations of the analytical approach to Managerial decision-making
				CO 2	Understanding consumer behavior
				CO 3	Understanding the production problem and how managers make input purchase decisions
				CO 4	Understanding the various market structure and how supply is determined in each.
	I	Organizational Behavior	**MGM 106**	CO 1	Understanding the concept of organizational behavior
				CO 2	Developing an understanding of managerial functions, skills and roles
				CO 3	Strengthening the foundations of individual behavior with an understanding of human personality, perception, learning and emotions
				CO 4	Understanding the basic process of interpersonal relationship
	I	Business Communication	**MGM 107**	CO 1	Understanding the role of communication in the organizational and Global Context
				CO 2	Understanding the basics of effective written and verbal communication
				CO 3	Understanding the theoretical models of communication and development in communication

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					research
				CO 4	Analyzing one's own communication style in different contexts and mediums
	I	Indigenous Management System	**MGM 108**	CO 1	To justify the rationale for studying Indigenous Management Systems (IMS)
				CO 2	To stimulate interest of students in creative ideas from Bharatiya culture
				CO 3	To draw managerial and leadership insights from various Bharatiya management systems like Gita and Arthshastra
				CO 4	To explore the idea of Integrating Simplification for new business systems
MBA (SM)	**I**	Accounting for managers	**MGS101**	CO 1	Understanding how accounting decisions affect real company practice.
				CO 2	Understand the concepts of Deprecation , Inventory valuation and the methods employed by indina companies.
				CO 3	Strengthening the foundations of the analytical approach to Managerial decision making.
				CO 4	Understanding consumer behavior.
	I	Marketing Management-I	**MGS102**	CO 1	Understanding the Nature and Scope of Marketing.
				CO 2	Develop and Understanding of various marketing

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					philosophies.
				CO 3	Understanding the marketing mix and marketing environment.
				CO 4	Understanding segmentation , targeting and positioning.
	I	Human Resource Management	**MGS103**	CO 1	Participant will be able to understand and the importance of managing human resources professionally, in view of the constantly changing aspirants of individuals, the business context and organizational dynamics in the health sector.
				CO 2	Participants will be able to understand the foundations of managing human resources in organizations, in terms of systems, strategies and practices;
				CO 3	Participants will be able to appreciate the need for well-designed HR policies that enhance employee motivation and performance;
				CO 4	Participants will be able to learn the tools and techniques of human resources management systems.
	I	Data analysis and decision tools	**MGS104**	CO 1	Know difference so sources of data.
				CO 2	Ablility to summarize and present data adverse audience

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				CO 3	Understand and use sampling and inferential statistics.
				CO 4	Ability to use spread sheet software for data analysis and statistical model building .
	I	Managerial Economics	**MGS105**	CO 1	Strengthening the foundations of the analytical approach to Managerial decision-making.
				CO 2	Understanding consumer behavior.
				CO 3	Understanding the Production Problems and how managers make in put purchases decisions.
				CO 4	Understanding the various market structure and how supply determined in each.
	I	Organizational Behaviour	**MGS106**	CO 1	Understanding the concept of organizational behaviour.
				CO 2	Developing an understanding of managerial functions, skills and roles.
				CO 3	Strengthening the foundations of individual behavior with an understanding of human personality , perception , learning and emotions.
				CO 4	Understanding the basic process of interpersonal relationship
	I	Business Communication	**MGS107**	CO 1	Understanding the role of communication in the organizational and Global Context.

				CO 2	Understanding the basics of effective written and verbal communication.
				CO 3	Understanding the theoretical model of communication and develop mention communication research.
				CO 4	Analyzing one's own communication style in different context and mediums.
	I	Indigenous Management System	**MGS108**	CO 1	To justify the rationale for studying Indigenous Management Systems (IMS)
				CO 2	To stimulate interest of students in creative ideas from Bharatiya culture
				CO 3	To draw managerial and leadership insights from various Bharatiya management systems like Gita and Arthshastra
				CO 4	To explore the idea of Integrating Simplification for new business systems
	I	Service Management –I	**MGS109**	CO 1	Introduction to Service Management in deep

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				CO 2	Appreciation of differences between managing demand and supply
				CO 3	Understanding the process by which value is create in service management
				CO 4	Learning and mapping of technology in service sector
MBA(EXE)	**I**	Accounting form Managers	**MGE101**	CO 1	Understanding how accounting decisions affect real company practices.
				CO 2	Understand the concepts of Deprecation, Inventory valuation and the methods employed by Indian Companies.
				CO 3	Strengthening the foundations of the analytical approach to Managerial decision-making.
				CO 4	Understanding consumer behavior
	I	Marketing Management-I	**MGE102**	CO 1	Understanding the nature and scope of marketing
				CO 2	Develop an understanding of various marketing philosophies

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				CO 3	Understanding the marketing mix and marketing environment
				CO 4	Understanding segmentation, targeting and positioning
	I	Human Resource Management	**MGE103**	CO 1	Participants will be able to understand the importance of managing human resources professionally, in view of the constantly changing aspirations of individuals, the business context, and organizational dynamics in the health sector;
				CO 2	Participants will be able to understand the foundations of managing human resources in organizations, in terms of systems, strategies and practices;
				CO 3	Participants will be able to learn the tools and techniques of human resource management systems;
				CO 4	The entire course is based on case studies and students will be able to understand the dynamics of managing people from real-world examples.

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	I	Data Analysis and Decision Tools	**MGE104**	CO 1	Know different sources of data
				CO 2	Ability to summarize and present data to a diverse audience
				CO 3	Understand and use sampling and inferential statistics
				CO 4	Ability to use spreadsheet software for data analysis and statistical model building
	I	Mangerial Economics	**MGE105**	CO 1	Strengthening the foundations of the analytical approach to Managerial decision-making
				CO 2	Understanding consumer behavior
				CO 3	Understanding the production problem and how managers make input purchase decisions
				CO 4	Understanding the various market structure and how supply is determined in each.
	I	Indigenous Management System	**MGE106**	CO 1	To justify the rationale for studying Indigenous Management Systems (IMS)
				CO 2	To stimulate interest of students in creative ideas from Bharatiya culture
				CO 3	To draw managerial and leadership insights from various

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					Bharatiya management systems like Gita and Arthshastra
				CO 4	To explore the idea of Integrating Simplification for new business systems

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FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

M.Sc. Physics	I	Classical Mechanics	**PHY-701**	CO1	Apply Lagrangian and Hamiltonian mechanics to solve problems involving constraints, conservation laws, and symmetries.
				CO2	Utilize Hamilton's Principle and variational methods to derive equations of motion for complex systems.
				CO3	Analyze mechanical systems using canonical transformations, Poisson brackets, and the Hamilton-Jacobi equation.
				CO4	Solve problems in rigid body dynamics, small oscillations, and action-angle variables, including applications to planetary motion.
M.Sc. Physics	I	Quantum Mechanics	**PHY -702**	CO1	Apply the Schrödinger equation to solve quantum systems in various potentials.
				CO2	Understand and use the principles of angular momentum, spin, and Pauli matrices in quantum mechanics.
				CO3	Analyze systems using perturbation theory, variational methods, and WKB approximation.
				CO4	Solve problems involving identical particles, quantum statistics, and the foundations of quantum mechanics.

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M.Sc. Physics	I	Classical Electrodynamics - I	**PHY -704**	CO1	Apply electrostatic and magneto static boundary conditions to solve problems using Poisson's and Laplace's equations.
				CO2	Analyze electromagnetic wave propagation in different media using Maxwell's equations.
				CO3	Understand and solve problems related to multipole expansion and electromagnetic radiation.
				CO4	Study and apply special relativity to electrodynamics, including Lorentz transformations and relativistic invariants.
M.Sc. Physics	I	General Physics Lab (Six Experiments)	**PHY -711**	CO1	Develop experimental skills by performing precise measurements and analyzing physical phenomena.
				CO2	Gain hands-on experience in using advanced physics laboratory equipment and instruments.
				CO3	Apply theoretical knowledge to design and conduct experiments in mechanics, optics, and electromagnetism.
				CO4	Analyze and interpret experimental data, improving skills in error analysis and scientific reporting.

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DEPARTMENT OF MATHEMATICS

M.A./M.Sc. Mathematics	I	Algebra-I	**MAT -701**	CO1	Understand the fundamental concepts of group theory, including subgroups, cosets, and normal groups.
				CO2	Apply homomorphisms, isomorphisms, and the fundamental theorem of homomorphism in algebraic structures.
				CO3	Explore the structure and properties of rings, fields, and ideals in abstract algebra.
				CO4	Solve problems involving polynomial rings, factorization, and their applications in algebraic systems.
M.A./M.Sc. Mathematics	I	Real Analysis	**MAT -702**	CO1	Understand the concepts of limits, continuity, and differentiability for real-valued functions.
				CO2	Analyze sequences and series of real numbers for convergence using various tests.
				CO3	Study the properties of Riemann integration and its applications.
				CO4	Explore uniform convergence of functions and its impact on integration and differentiation.
M.A./M.Sc. Mathematics	I	Differential Equations-I	**MAT -703**	CO1	Solve first-order differential equations and analyze their applications.
				CO2	Apply methods to solve higher-order linear differential equations with constant and variable coefficients.

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				CO3	Understand and solve systems of linear differential equations using matrix methods.
				CO4	Analyze the existence and uniqueness of solutions using Picard and Peano theorems.
M.A./M.Sc. Mathematics	I	Differential Geometry	**MAT -704**	CO1	Understand the fundamentals of curves and surfaces in Euclidean space using differential geometry concepts.
				CO2	Analyze the intrinsic and extrinsic properties of surfaces, including curvature and geodesics.
				CO3	Apply theorems of differential geometry, such as Gauss-Bonnet and theorems on curvature.
				CO4	Explore the relationship between curvature and topology in different geometrical contexts.
M.A./M.Sc. Mathematics	I	Dynamics of Rigid Bodies	**MAT -705**	CO1	Analyze the rotational motion of rigid bodies using Euler's equations and angular momentum concepts.
				CO2	Apply the principles of classical mechanics to study the dynamics of spinning and precessing rigid bodies.
				CO3	Solve problems involving the inertia tensor and principal axes of rotation.
				CO4	Understand and apply concepts related to gyroscopic effects and stability of rotating systems.

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M.A./M.Sc. Mathematics	I	Calculus of Variation and Special Function-I	**MAT -706**	CO1	Apply the calculus of variations to solve optimization problems involving functional.
				CO2	Analyze and derive Euler-Lagrange equations for various types of functional problems.
				CO3	Study and apply special functions such as Legendre, Bessel, and Hermit functions in solving differential equations.
				CO4	Explore the properties and applications of orthogonal polynomials and series expansions in mathematical physics.
DEPARTMENT OF BOTANY					
M.Sc. Botany	I	Algae, Fungi and Bryophyta	**BOT 701**	CO1	Identify and classify different types of algae, fungi, and bryophytes based on their morphology and life cycles.
				CO2	Understand the ecological roles and significance of algae, fungi, and bryophytes in various environments.
				CO3	Analyze the reproductive strategies and developmental processes of these non-vascular plants and lower fungi.
				CO4	Explore the applications and economic importance of algae, fungi, and bryophytes in medicine, industry, and agriculture.
M.Sc. Botany	I	Cell Biology and Evolution	**BOT 702**	CO1	Understand cellular structures and functions, including organelles and their roles in plant cells.

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				CO2	Analyze cellular processes such as mitosis, meiosis, and signal transduction in plant biology.
				CO3	Explore the principles of evolutionary biology, including mechanisms of evolution and phylogenetics.
				CO4	Apply evolutionary concepts to understand the diversity and adaptation of plant cells and tissues.
M.Sc. Botany	I	Principles of Plant Pathology & Microbiology	**BOT 703**	CO1	Understand the principles of plant pathology, including disease development, symptoms, and plant-pathogen interactions.
				CO2	Analyze microbial diseases in plants and their management through integrated pest management and biotechnology.
				CO3	Study the role of microorganisms in plant health, soil fertility, and nutrient cycling.
				CO4	Explore methods for diagnosing plant diseases and implementing control measures in agricultural practices
M.Sc. Botany	I	Plant Pathology- Principles and Diseases	**BOT A01**	CO1	Understand the principles of plant pathology, including disease mechanisms and host-pathogen interactions.
				CO2	Identify and classify common plant diseases based on symptoms, causative agents, and environmental conditions.
				CO3	Analyze disease cycles and epidemiology to develop effective disease management strategies.

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				CO4	Explore modern diagnostic techniques and integrated control measures for managing plant diseases.
M.Sc. Botany	I	Seed Science & Technology	**BOT A02**	CO1	Understand the principles of seed biology, including seed development, germination, and dormancy.
				CO2	Analyze seed quality factors such as viability, vigor, and purity, and their impact on plant growth.
				CO3	Apply seed technology techniques for seed processing, storage, and preservation.
				CO4	Explore seed production practices and their role in agricultural and horticultural practices.
M.Sc. Botany	I	Angiosperm Morphology & Morphogenesis	**BOT B01**	CO1	Analyze the structure and classification of angiosperms, including floral and fruit morphology.
				CO2	Understand the principles of morphogenesis and its role in plant development and adaptation.
				CO3	Study the processes of floral organ differentiation and the development of reproductive structures.
				CO4	Apply morphological concepts to plant taxonomy and systematic for identifying and classifying angiosperms.
M.Sc. Botany	I	Advanced Biosystematics of Angiosperms	**BOT C01**	CO1	Apply advanced techniques in plant taxonomy and systematics to classify and identify angiosperms.

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				CO2	Analyze phylogenetic relationships and evolutionary patterns using molecular and morphological data.
				CO3	Utilize biosystematics methods to study plant diversity, distribution, and adaptation.
				CO4	Develop and apply tools for resolving taxonomic ambiguities and enhancing plant identification accuracy.
M.Sc. Botany	I	Applied Phycology and Mycology	**BOT D01**	CO1	Understand the ecological and economic roles of algae and fungi in various environments.
				CO2	Apply principles of phycology and mycology to explore their applications in biotechnology, medicine, and agriculture.
				CO3	Analyze methods for the cultivation and management of algae and fungi for commercial and environmental purposes.
				CO4	Study the interactions between algae, fungi, and their environments to address challenges in plant health and ecosystem management.
M.Sc. Botany	I	Applied Microbiology	**BOT D02**	CO1	Understand the principles and techniques of applied microbiology in agriculture and industry.
				CO2	Analyze microbial interactions in soil, plant health, and bioremediation processes.
				CO3	Explore the use of microbes in biotechnology for the production of

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					useful compounds and environmental management.
				CO4	Study methods for microbial diagnostics and control in various applications, including plant pathology and food safety.
DEPARTMENT OF BIOTECHNOLOGY					
M. Sc. Biotechnology	I	Cell Biology	**BTH 701**	CO1	Understand cellular structures and functions, including organelles and their roles in cellular processes.
				CO2	Analyze mechanisms of cell division, signaling, and communication in eukaryotic cells.
				CO3	Study cellular metabolism, including energy production and molecular transport.
				CO4	Apply knowledge of cell biology to biotechnology applications, such as genetic engineering and cell culture techniques.
M. Sc. Biotechnology	I	Genetics	**BTH 702**	CO1	Understand fundamental principles of genetics, including Mendelian inheritance and gene expression.
				CO2	Analyze genetic variations and their impact on organismal traits and evolution.
				CO3	Apply molecular genetics techniques to study gene function, regulation, and genetic engineering.
				CO4	Explore applications of genetic knowledge in biotechnology, including gene therapy and genetic modification.
M. Sc. Biotechnology	I	Microbiology	**BTH 703**	CO1	Understand the diversity and physiology of microorganisms, including bacteria, viruses, and fungi.

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				CO2	Analyze microbial interactions, pathogenesis, and mechanisms of disease.
				CO3	Apply microbiological techniques for microbial cultivation, identification, and control.
				CO4	Explore the applications of microbiology in biotechnology, including fermentation, bioremediation, and industrial processes.
M. Sc. Biotechnology	I	Analytical Techniques	**BTH A01**	CO1	Apply analytical techniques for the quantitative and qualitative analysis of biomolecules.
				CO2	Understand and use methods such as spectroscopy, chromatography, and electrophoresis in biotechnology applications.
				CO3	Analyze data from various analytical instruments to interpret results and make informed decisions.
				CO4	Develop and optimize analytical protocols for research and industrial processes in biotechnology.
M. Sc. Biotechnology	I	Enzyme Technology	**BTH B01**	CO1	Understand enzyme kinetics, mechanisms, and regulation in biochemical processes.
				CO2	Apply enzyme technology principles to design and optimize industrial enzyme applications.
				CO3	Explore methods for enzyme immobilization, characterization, and stability.
				CO4	Develop and implement enzyme-based solutions for biotechnological and therapeutic applications.
M. Sc. Biotechnology	I	Bioprocess Engineering	**BTH B02**	CO1	Understand the principles of bioprocess design, including reactor types and operation.
				CO2	Apply techniques for optimizing growth conditions and

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					productivity in microbial and cell cultures.
				CO3	Analyze bioprocess parameters such as mass transfer, heat transfer, and scaling up.
				CO4	Develop and manage bioprocesses for the production of biopharmaceuticals, enzymes, and other biotechnological products.
DEPARTMENT OF CHEMISTRY					
M.Sc. Chemistry	I	Advanced Inorganic Chemistry-I	**CHE 701**	CO1	Understand the principles of coordination chemistry, including ligand field theory and bonding.
				CO2	Analyze the electronic structure and reactivity of transition metal complexes.
				CO3	Explore organometallic chemistry and its applications in catalysis and synthesis.
				CO4	Apply advanced concepts of solid-state chemistry to the study of materials and crystallography.
M.Sc. Chemistry	I	Organic Reaction Mechanism	**CHE 702**	CO1	Understand and apply the principles of organic reaction mechanisms, including transition states and intermediates.
				CO2	Analyze various reaction types, such as nucleophilic substitutions and eliminations, using mechanistic insights.
				CO3	Explore and predict reaction pathways and stereochemical outcomes based on mechanistic principles.
				CO4	Apply knowledge of reaction mechanisms to design and optimize organic synthesis strategies.
M.Sc. Chemistry	I	Quantum, Surface and Electrochemistry	**CHE 703**	CO1	Understand quantum mechanical principles and their applications in chemical systems.
				CO2	Analyze surface phenomena, including adsorption and catalysis,

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					using surface science concepts.
				CO3	Apply electrochemical principles to study redox reactions, electrolysis, and electrode processes.
				CO4	Explore the interplay between quantum mechanics, surface chemistry, and electrochemistry in various chemical applications.
M.Sc. Chemistry	I	Chemistry Core Laboratory-1	**CHE 711**	CO1	Develop practical skills in performing and analyzing chemical experiments across organic, inorganic, and physical chemistry.
				CO2	Apply techniques for accurate measurement, data collection, and error analysis in a laboratory setting.
				CO3	Gain experience in using advanced laboratory instruments and apparatus for chemical analysis.
				CO4	Interpret experimental results and prepare detailed reports following scientific protocols and safety standards.
M.Sc. Chemistry	I	Spectroscopy – I	**CHE A01**	CO1	Understand the principles and applications of various spectroscopic techniques, including UV-Vis and IR spectroscopy.
				CO2	Analyze spectral data to determine molecular structures, functional groups, and concentration.
				CO3	Apply spectroscopy to study electronic transitions, vibrational modes, and molecular interactions.
				CO4	Develop skills in interpreting and correlating spectroscopic data with chemical properties and reactions.
M.Sc. Chemistry	I	Analytical Techniques	**CHE A02**	CO1	Understand and apply various analytical techniques, including chromatography, mass spectrometry, and spectroscopy.
				CO2	Develop skills in method development, optimization, and validation for accurate chemical analysis.
				CO3	Analyze complex mixtures and interpret data for quantitative and

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					qualitative analysis.
				CO4	Apply analytical techniques to solve problems in chemical research, industry, and quality control.
M.Sc. Chemistry	I	Green and Sustainable Chemistry	**CHE A03**	CO1	Understand the principles of green chemistry and sustainable practices in chemical processes.
				CO2	Apply strategies for reducing environmental impact through cleaner synthesis and waste minimization.
				CO3	Analyze and design sustainable chemical processes with a focus on energy efficiency and resource conservation.
				CO4	Explore the application of green chemistry principles in developing eco-friendly materials and technologies.
M.Sc. Chemistry	I	Elective Laboratory-1	**CHE A11**	CO1	Develop advanced experimental skills in specialized areas of chemistry through hands-on laboratory work.
				CO2	Apply techniques and methodologies from elective courses to conduct complex chemical analyses.
				CO3	Gain experience in using advanced instrumentation and troubleshooting experimental procedures.
				CO4	Interpret experimental data and prepare detailed reports following scientific standards and safety protocols.
DEPARTMENT OF MICROBIOLOGY					
M.Sc. Microbiology	I	General Microbiology	**MBC 701**	CO1	Understanding of microbial evolution, scope and importance of microbiology.
				CO2	Gain knowledge about fundamental differences between major groups of microorganisms, including bacteria, archaea, fungi,

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					viruses and protozoa.
				CO3	Identification and classification of microorganisms based on their morphology, physiology, and genetic characteristics.
				CO4	Hands-on experience of standard microbiological techniques, including culturing, staining, and microscopy, to isolate and identify microorganisms.
M.Sc. Microbiology	I	Techniques in Microbiology	**MBC 702**	CO1	Accurately perform essential microbiological techniques, including aseptic techniques, streak plating, and microbial staining (Gram staining, acid-fast staining, etc.).
				CO2	Use and maintain laboratory equipment such as microscopes, autoclaves, and incubators effectively and safely.
				CO3	Proficiency in culturing microorganisms using various media and techniques, such as selective and differential media.
				CO4	Isolation of pure cultures from mixed samples and identification of microorganisms based on colony morphology and growth characteristics.
M.Sc. Microbiology	I	Molecular Biology	**MBE 701**	CO1	A thorough understanding of the structure and function of DNA, RNA, and proteins, including the central dogma of molecular biology (DNA → RNA → Protein).
				CO2	Gain knowledge of cellular processes- DNA replication, transcription, and translation.
				CO3	Develop an understanding of how gene expression is regulated during development, differentiation, and in response to environmental signals.
				CO4	Engage with current research literature and emerging technologies in molecular biology to remain informed about recent

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					developments and innovations.
M.Sc. Microbiology	I	Microbial Ecology	**MBE 702**	CO1	Gain knowledge about ecosystem structure and function.
				CO2	Understanding of the diverse roles microorganisms play in different ecosystems, including soil, water, and extreme environments.
				CO3	Knowledge about contribution of microorganisms to biogeochemical cycles, such as carbon, nitrogen, sulfur, and phosphorus cycles.
				CO4	Discuss the dynamics of microbial communities and how they respond to environmental changes and disturbances.
M.Sc. Microbiology	I	Food Microbiology	**MBE 703**	CO1	Identification of common microorganisms responsible for food spoilage, including bacteria, yeasts, and molds, and their impact on food quality.
				CO2	Gain knowledge on the role of microorganisms in food fermentation processes, including the production of dairy products, bread, and alcoholic beverages.
				CO3	Understanding the mechanisms of microbial contamination and spoilage in various food products and strategies to control or prevent spoilage.
				CO4	Awareness about Food Safety Regulations and Standards.

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DEPARTMENT OF ZOOLOGY

M.Sc. Zoology	I	Biosystematics And Taxonomy	**ZOL C101**	CO1	Understand and apply principles of biosystematics and taxonomy for classifying and identifying animal species.
				CO2	Analyze phylogenetic relationships and evolutionary patterns using morphological and molecular data.
				CO3	Develop skills in using taxonomic keys and classification systems to study animal diversity.
				CO4	Explore methods for resolving taxonomic ambiguities and enhancing species identification and nomenclature.
M.Sc. Zoology	I	Biology Of Invertebrates	**ZOLC102**	CO1	After successful completion of the course, students should be able to develop the basic knowledge of coelom organization and division of animal kingdom on the basis of coelom.
				CO2	The learner shall understand about the various structures which have evolved in locomotion of various invertebrate groups.
				CO3	The learner shall be enriched with the knowledge about the diversity of structures involved in respiration, digestion, excretion, nervous systems in various invertebrate groups.
				CO4	The learner shall also be exposed to knowledge about minor phyla and larval forms.
M.Sc. Zoology	I	Biochemistry	**ZOL C103**	CO1	Understand biochemical principles including enzyme function, metabolic pathways, and molecular structures.
				CO2	Analyze biochemical processes and their role in cellular function and organismal physiology.
				CO3	Apply techniques for biochemical analysis, including spectroscopy and chromatography.

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				CO4	Explore the role of biochemistry in health, disease, and physiological adaptations in animals.
M.Sc. Zoology	I	Core Lab	**ZOL 111**	CO1	Develop practical skills in conducting and analyzing experiments in core areas of zoology.
				CO2	Apply laboratory techniques for accurate measurement, observation, and data collection.
				CO3	Gain hands-on experience with essential zoological equipment and instrumentation.
				CO4	Interpret experimental results and prepare comprehensive reports following scientific standards.
M.Sc. Zoology	I	Fundamental Of Computers and Bioinformatics	**ZOL E101**	CO1	The course aims to equip students with foundational knowledge and practical skills in computer science and bioinformatics, tailored for biological research and zoology.
				CO2	Understanding computer types, generations, basic components, number systems, and essential software tools like MS Office and Adobe Photoshop, along with knowledge of operating systems and networking.
				CO3	Covering bioinformatics history, scope, and applications, focusing on biological databases, sequence analysis, genomics, proteomics, and phylogenetic analysis.
				CO4	Students will learn sequence alignment, data mining, and use bioinformatics software for evolutionary studies
M.Sc. Zoology	I	Genetics	**ZOLE102**	CO1	The paper will enhance the students' ability to comprehend the fundamentals of genetics with a scope to enhance their understanding in the subject.
				CO2	It will employ the scientific method to generate new knowledge,

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					and to solve problems, regarding human heredity.
				CO3	It will enhance the skills in the application of genetic principles in day-to-day life.
				CO4	The paper will help the students understand and apply the core concepts in their projects and higher studies.
M.Sc. Zoology	I	Applied Zoology	**ZOLE103**	CO1	Apply zoological principles to real-world problems in fields such as wildlife management and conservation.
				CO2	Analyze and implement strategies for sustainable use and protection of animal resources.
				CO3	Explore applications of zoology in agriculture, industry, and biotechnology.
				CO4	Develop and evaluate methods for addressing issues related to animal health, behavior, and habitat.
M.Sc. Zoology	I	Toxicology	**ZOLE104**	CO1	Explain basic concepts such as dose-response relationships.
				CO2	Differentiate between various classes of toxicants, such as heavy metals, pesticides, industrial chemicals, and pharmaceuticals, and their specific toxic effects on biological systems.
				CO3	Understand and apply the principles of toxicological risk assessment, including hazard identification, dose-response assessment, exposure assessment, and risk characterization.
				CO4	Familiarize with in vitro and in vivo methods for toxicity testing.
M.Sc. Zoology	I	Biosafety and Bioethics	**ZOLE105**	CO1	Explain key concepts and levels of biosafety (BSL-1 to BSL4), including containment strategies, risk groups, and safe laboratory practices for handling pathogens and biohazardous materials.
				CO2	Perform risk assessments to identify potential hazards when working with biological agents, and develop strategies for

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					mitigating risks in laboratory, field, and clinical settings.
				CO3	Analyze the bio safety concerns related to biotechnology, including genetically modified organisms (GMOs).
				CO4	Evaluate ethical issues related to animal experimentation and understand working and function of IAEC.
M.Sc. Zoology	I	Parasitology	**ZOLE106**	CO1	Outcomes aim to equip students with both theoretical knowledge and practical skills in the study of parasitic organisms and their effects.
				CO2	Students will gain a foundational understanding of parasitology, including definitions, types of parasites, and their life cycles
				CO3	Student will learn to identify various parasitic protozoa, helminths (worms), annelids, and arthropods using morphological and life cycle characteristics.
				CO4	Students will understand the impact of various parasites on human health and other hosts, including symptoms, transmission methods, and diagnostic techniques.
M.Sc. Zoology	I	Elective Lab	**ZOL 112**	CO1	Develop practical exposure to bioinformatics and computer skills
				CO2	Perform the genetics experimentations and solve problems related to genetics
				CO3	Develop hands-on experience in applied Zoology exercises.
				CO4	Gain advanced practical experience in specialized areas of zoology through elective laboratory work.

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DEPARTMENT OF GEOLOGY

M.Sc. Geology	I	Mineralogy, Crystallography & Geochemistry	GEL 101	CO1	Concepts of crystal chemistry, mineralogy, geochemistry and isotope geology.
				CO2	Distribution of elements, evolution of minerals and also to understand geological processes that are necessarily inaccessible to observe directly.
				CO3	Chemical components of earth and their applications.
				CO4	The Occurrence, formation, and, properties of minerals.
M.Sc. Geology	I	Invertebrate & Vertebrate Palaeontology&Palaeobotany	**GEL 102**	CO1	Origin of life, theories of evolution,
				CO2	Fossils: definition, processes, and index fossils.
				CO3	Diversity of life through geological time
				CO4	Uses of Fossils in reconstruction of evolutionary history of life, paleoenvironment, palaeoecology, palaeogeography.
M.Sc. Geology	I	Principles of Stratigraphy Precambrian Stratigraphy	**GEL 103**	CO1	Understand Principles of stratigraphy.
				CO2	Types of stratigraphic units.
				CO3	Geological time scale
				CO4	Precambrian rock formations of India: age determination, distribution, their correlation and economic significance.
M.Sc. Geology	I	Mineralogy, Crystallography, Geochemistry, Palaeontology, Stratigraphy & Field Training	**GEL-111**	CO1	Determination of axial ratio and identification of minerals through physical and Microscopic properties of minerals.
				CO2	Graphical presentation and interpretation of geochemical data.
				CO3	To learn about classification, morphological description and

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					age/horizon and locality macro-and micro-fossil specimens.
				CO4	Study of index fossils in their chronological order. Identification, description and geochronology of India Precambrian stratigraphic rocks and reparation of Precambrian Stratigraphic maps of India.
M.Sc. Geology	I	Sequence Stratigraphy	**GEL-A01**	CO1	Introduction of sequence stratigraphy.
				CO2	Approach and Methods of Sequence Stratigraphy
				CO3	Age determination Techniques of sedimentary strata
				CO4	Applications of sequence stratigraphy
M.Sc. Geology	I	Paleoecology	**GEL-A02**	CO1	Introduction of Paleoecology
				CO2	Processes and requisites of Fossilization
				CO3	Various approaches to reconstruct the palaeoenvironment.
				CO4	Applications of trace fossils in paleoecological interpretation.
M.Sc. Geology	I	Geomorphology & Remote Sensing	**GEL-A03**	CO1	Principles of Geomorphology.
				CO2	Tectonics subdivision of India.
				CO3	Fundamentals of remote sensing.
				CO4	Fundamental principles and technology of aerial photography.
M.Sc. Geology	I	Remote Sensing, Palaeoecology& Geomorphology	**GEL-A04**	CO1	Interpretation of aerial photographs.
				CO2	Visual interpretation of satellite imageries
				CO3	Palaeoecological analysis: Quantitative and Taphonomic analysis
				CO4	Morphomatric analysis of drainage basins, Studies of drainage patterns and Exercise on Slope analysis.

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DEPARTMENT OF STATISTICS

M.Sc./M.A. In Statistics	I	Statistical Mathematics	**MST 101**	CO1	Students will be able to learn the application of matrix.
				CO2	Students will be able to learn the concept of bilinear and quadratic forms.
				CO3	Students will be able to understand the applications of maxima, minima.
				CO4	Students will able to understand the application of multiple, beta and gamma integrals.
M.Sc./M.A. In Statistics	I	Probability Theory	**MST 102**	CO1	To understand the basic principles and definitions of probability.
				CO2	To develop skills in mathematical expectation and moment generating functions.
				CO3	To apply probability theorems and laws in solving complex problems.
				CO4	To comprehend and utilize the concepts of convergence in probability and distribution.
M.Sc./M.A. In Statistics	I	Probability Distributions	**MST 103**	CO1	To grasp the fundamental concepts and properties of various probability distributions.
				CO2	To develop analytical skills for deriving and applying probability distributions in real-world scenarios.
				CO3	To utilize probability distributions in statistical inference and hypothesis testing.
				CO4	To apply application of probability distributions in various fields such as engineering, finance, andsocial sciences.
M.Sc./M.A. In Statistics	I	Statistical Computing with C	**MST A01**	CO1	To develop proficiency in programming using the C language for statistical computations.
				CO2	To implement statistical algorithms and procedures using C.

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				CO3	To manage and manipulate large datasets efficiently using C programming.
				CO4	To apply simulation techniques for statistical modeling and analysis using R.
M.Sc./M.A. In Statistics	I	Official Statistics	**MST A02**	CO1	To comprehend the structure and functioning of national and international statistical systems.
				CO2	To learn various data collection methods used in official statistics.
				CO3	To ensure the quality and adherence to standards in official statistical data.
				CO4	To apply statistical analysis techniques to interpret and report official data.
M.Sc./M.A. In Statistics	I	Statistical Quality Control	**MST A03**	CO1	To grasp the fundamental principles and techniques of statistical quality control.
				CO2	To apply control charts for monitoring and improving process quality.
				CO3	To conduct process capability analysis for assessing process performance.
				CO4	To design and analyze experiments aimed at quality improvement.
M.Sc./M.A. In Statistics	I	Practical based on Core papers (MST 101 & MST 103)	**MST PC1**	CO1	To understand the application of descriptive statistics through data.
				CO2	To know the application of matrix through different examples .
				CO3	To know the understanding of g inverse of a matrix.
				CO4	To know about the nature of date and used suitable distributions for fitting.
M.Sc./M.A. In Statistics	I	Practical based on Elective papers	**MST PE1**	CO1	Students will know the application of R software for data analysis.
				CO2	Students will learn the application of C language and used in writing programme of different statistical

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					problems.
				CO3	Students will learn the application of statistical quality control.
				CO4	Students will know the application of data through SPSS.
DEPARTMENT OF COMPUTER SCIENCE					
M.C.A.	I	Object Oriented Programming Through Java	**MCA 101**	CO1	Interpret object orientation and Utilize programming strategies
				CO2	Contrast classes and objects and Analyze Inheritance
				CO3	Design Packages, Manage Exceptions and Apply Threads CO4: Produce GUI screens along with event handling
				CO4	Identify various classes and methods in java. lang, util, i/o and net packages
M.C.A.	I	Operating Systems	**MCA 102**	CO1	Understand the fundamental concepts of operating systems, including processes, threads, and concurrency.
				CO2	Understand the fundamental concepts of operating systems, including processes, threads, and concurrency.
				CO3	Understand memory management techniques and virtual memory.
				CO4	Learn file systems, disk management, and I/O systems.

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M.C.A.	I	Database Management Systems	**MCA 103**	CO1	Understand database concepts, including database architecture, data models, and schemas.
				CO2	Design and implement relational databases using SQL.
				CO3	Learn normalization and database design techniques.
				CO4	Understand transaction management and concurrency control.
M.C.A.	I	Computer Architecture	**MCA 104**	CO1	Understand the basic principles of computer architecture, including data representation and instruction set architecture.
				CO2	Analyze the performance of computer systems.
				CO3	Learn about processor design, pipelining, and parallelism.
				CO4	Understand memory hierarchy and cache organization.
M.C.A.	I	Web Application Development	**MCA 105**	CO1	Learn the fundamentals of web technologies, including HTML, CSS, and JavaScript.
				CO2	Design and develop dynamic web applications using server-side technologies.
				CO3	Understand client-server architecture and communication.
				CO4	Implement web security practices
M.C.A.	I	Discrete Mathematics	**MCA 106**	CO1	Understand mathematical logic, set theory, and functions.
				CO2	Learn about relations, graphs, and trees.
				CO3	Apply combinatorial techniques and principles of counting.

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				CO4	Explore algorithms, recursion, and mathematical induction.
M.C.A.	I	Java Lab	**MCA 111**	CO1	Develop and implement Java programs to solve real-world problems and improve coding proficiency.
				CO2	Apply object-oriented programming principles and design patterns in Java applications.
				CO3	Utilize Java libraries and frameworks to create functional and efficient software solutions.
				CO4	Debug, test, and optimize Java code to ensure reliability and performance.
M.C.A.	I	DBMS Lab	**MCA 112**	CO1	Develop and manage relational databases using SQL for data manipulation and retrieval.
				CO2	Design and implement database schemas, including tables, relationships, and constraints.
				CO3	Apply normalization techniques to optimize database design and reduce redundancy.
				CO4	Utilize database management systems to perform queries, data analysis, and reporting.
M.C.A.	I	Web Application Development Lab	**MCA 113**	CO1	Design and develop interactive web applications using front-end and back-end technologies.

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				CO2	Implement web development frameworks and tools to create functional and user-friendly websites.
				CO3	Apply best practices in web development for security, performance, and responsiveness.
				CO4	Test, debug, and deploy web applications, ensuring cross-browser compatibility and accessibility.
DEPARTMENT OF GEOGRAPHY					
M.A./M.Sc. Geography	I	Evolution of Geographical Thoughts (upto 1800 A.D.)	**GEO101**	CO1	Understand the development of geographical knowledge and theories from ancient times to 1800 A.D.
				CO2	Analyze the contributions of early geographers and their impact on modern geographical thought.
				CO3	Explore the influence of historical, cultural, and scientific contexts on the evolution of geography.
				CO4	Critically evaluate the progression of geographical ideas and their relevance to contemporary geography.
M.A./M.Sc. Geography	I	Structural and Dynamic basis of Geomorphology	**GEO102**	CO1	Understand the structural and dynamic processes shaping Earth's landforms and landscapes.
				CO2	Analyze tectonic forces and their influence on geomorphological features.
				CO3	Explore the role of erosion, weathering, and sedimentation in landscape evolution.
				CO4	Apply geomorphological concepts to assess environmental changes and natural hazards.
M.A./M.Sc. Geography	I	Principles and Theory of Economic Geography	**GEO103**	CO1	Understand the fundamental principles and theories of economic geography.

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				CO2	Analyze the spatial distribution of economic activities and resources.
				CO3	Explore the relationship between geography, economy, and regional development.
				CO4	Apply economic geography concepts to assess global trade, industry, and economic systems.
M.A./M.Sc. Geography	I	Practical	**GEO111**	CO1	Develop practical skills in geographical data collection, analysis, and interpretation.
				CO2	Apply cartographic techniques to create and analyze maps and spatial data.
				CO3	Utilize geographic tools such as GIS and remote sensing for spatial analysis.
				CO4	Conduct fieldwork and laboratory exercises to explore geographical phenomena and processes.
M.A./M.Sc. Geography	I	Man and Natural Environment	**GEOA01**	CO1	Understand the interactions between humans and the natural environment across different regions.
				CO2	Analyze the impact of human activities on ecosystems, climate, and natural resources.
				CO3	Explore sustainable approaches to managing environmental challenges and resource conservation.
				CO4	Evaluate the role of geography in addressing environmental issues and promoting sustainability.
M.A./M.Sc. Geography	I	Cultural Geography	**GEOA02**	CO1	Understand the relationship between culture and geography, including spatial distribution of cultural practices.
				CO2	Analyze the impact of cultural factors on landscapes, identities, and regional development.
				CO3	Explore the role of language, religion, and traditions in shaping cultural geography.
				CO4	Apply cultural geography concepts to assess global cultural diversity and interactions.

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M.A./M.Sc. Geography	I	Population Geography	**GEOB01**	CO1	Understand the spatial distribution and dynamics of populations across regions.
				CO2	Analyze population growth, migration patterns, and demographic transitions.
				CO3	Explore the relationship between population and resources, including urbanization and development.
				CO4	Apply population geography concepts to assess population policies and planning.
M.A./M.Sc. Geography	I	Quantitative Techniques in Geography	**GEOB02**	CO1	Understand the application of quantitative methods in geographical analysis and research.
				CO2	Apply statistical techniques to analyze spatial data and geographic patterns.
				CO3	Utilize quantitative tools such as regression, correlation, and hypothesis testing in geography.
				CO4	Interpret and present geographical data using quantitative approaches for decision-making.
M.A./M.Sc. Geography	I	Geography of Rural Development	**GEOC01**	CO1	Understand the concepts and theories related to rural development and its geographical dimensions.
				CO2	Analyze the spatial patterns of rural development and regional disparities.
				CO3	Explore the role of agriculture, resources, and policies in shaping rural development.
				CO4	Apply geographical approaches to assess rural development strategies and planning.
M.A./M.Sc. Geography	I	Geography of Soils	**GEOC02**	CO1	Understand soil formation processes, classification, and spatial distribution.
				CO2	Analyze the physical, chemical, and biological properties of soils and their impact on land use.
				CO3	Explore soil erosion, conservation practices, and soil management strategies.

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				CO4	Apply geographic principles to assess soil suitability for agriculture and environmental sustainability.
M.A./M.Sc. Geography	I	Practical	**GEOD01**	CO1	Develop practical skills in fieldwork, data collection, and spatial analysis techniques.
				CO2	Apply geographical methods to interpret and analyze physical and human-environment interactions.
				CO3	Utilize tools such as GIS, remote sensing, and cartographic techniques for data visualization.
				CO4	Conduct practical exercises to enhance understanding of theoretical concepts and real-world applications.
M.A./M.Sc. Geography	I	Practical	**GEOD02**	CO1	Develop practical skills in conducting geographical fieldwork and data collection.
				CO2	Apply spatial analysis techniques using GIS, remote sensing, and cartographic tools.
				CO3	Interpret and analyze geographical data to address specific research questions.
				CO4	Prepare and present detailed reports based on practical exercises and field observations.
DEPARTMENT OF PSYCHOLOGY					
M.A./M.Sc. (Psychology)	I	Theoretical Approaches in Psychology	**PSY 701**	CO1	Understand key theoretical frameworks and models in psychology.
				CO2	Analyze and compare major psychological theories and their applications.
				CO3	Apply theoretical approaches to interpret psychological phenomena and behaviors.
				CO4	Critically evaluate the strengths and limitations of various psychological theories.
M.A./M.Sc.	I	Psychopathology	**PSY 702**	CO1	Understand the classification, symptoms, and diagnostic criteria of

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(Psychology)					various psychological disorders.
				CO2	Analyze the etiology and development of psychopathological conditions.
				CO3	Explore assessment tools and techniques used in diagnosing and treating mental disorders.
				CO4	Apply knowledge of psychopathology to develop effective intervention and treatment plans.
M.A./M.Sc. (Psychology)	I	Research Methods	**PSY 703**	CO1	Understand various research designs and methodologies used in psychological research.
				CO2	Apply statistical techniques for data analysis and interpretation in psychological studies
				CO3	Develop skills in designing, conducting, and evaluating empirical research in psychology.
				CO4	Critically assess research findings and their implications for theory and practice in psychology.
M.A./M.Sc. (Psychology)	I	General Lab	**PSY 711**	CO1	Develop practical skills in conducting and analyzing psychological experiments and research.
				CO2	Apply standard laboratory techniques and tools for psychological assessment and data collection.
				CO3	Interpret experimental results and prepare comprehensive reports following scientific protocols.
				CO4	Enhance understanding of psychological concepts through hands-on laboratory exercises.
M.A./M.Sc. (Psychology)	I	Development Psychology	**PSY A01**	CO1	Understand the stages of human development across the lifespan, from infancy to adulthood.
				CO2	Analyze cognitive, emotional, and social changes that occur at different developmental stages.
				CO3	Explore theoretical perspectives on developmental processes and their implications.
				CO4	Apply developmental psychology concepts to assess individual

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					growth and developmental challenges.
M.A./M.Sc. (Psychology)	I	Environmental Psychology	**PSY A02**	CO1	Understand the interaction between individuals and their physical environments.
				CO2	Analyze how environmental factors influence psychological well-being and behavior.
				CO3	Explore theories and research on environmental design and its impact on mental health.
				CO4	Apply environmental psychology principles to create supportive and sustainable living spaces.
M.A./M.Sc. (Psychology)	I	Vocational Psychology	**PSY A03**	CO1	Understand theories and models of vocational development and career counseling.
				CO2	Analyze factors influencing career choice, job satisfaction, and occupational adjustment.
				CO3	Explore assessment tools and techniques for career planning and guidance.
				CO4	Apply vocational psychology principles to support career development and professional growth.
M.A./M.Sc. (Psychology)	I	Project Work	**PSY 731**	CO1	Conduct independent research on a chosen psychological topic, applying theoretical and methodological knowledge.
				CO2	Develop and implement a research project, including data collection, analysis, and interpretation.
				CO3	Present findings and insights through a comprehensive written report and oral presentation.
				CO4	Demonstrate critical thinking and problem-solving skills in addressing psychological research questions.

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DEPARTMENT OF HOME-SCIENCE

M.Sc. Home-Science (Foods and Human Nutrition)	I	Nutritional Biochemistry-I	**FHN 701**	CO1	Attain knowledge on basic concepts of biochemistry. Gain knowledge about the biochemical functions of the macronutrients (carbohydrate, fat and protein), metabolism and their functions in the body
				CO2	Gain insight into functions and interrelationship between nutrients and their importance in the maintenance of health
				CO3	Obtain an insight into the role of biomolecules in biological processes.
				CO4	Explore the impact of biochemical processes on nutrition and disease prevention.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Food Science and Quality Control	**FHN 702**	CO1	Acquire knowledge of the food composition and chemistry of different food products.
				CO2	Understand various food processing techniques, nutritional and physicochemical changes that occur during processing of foods.
				CO3	Gain knowledge of various food additives and its application in food processing.
				CO4	Implement strategies for improving food quality and safety in production and storage.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Human Nutritional Requirements	**FHN 703**	CO1	Understand the basis of human nutritional requirements and recommendations through life cycle. Understand the concepts of national and international dietary guidelines.
				CO2	Application of nutritional requirements and dietary guidelines in general and specific situations.
				CO3	Understanding different methods of protein quality evaluation.

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				CO4	Apply knowledge of nutritional requirements to design balanced and effective dietary plans.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Human Nutritional Requirements	**FHN 711**	CO1	Learning calculation of macro and micronutrients for different age groups in normal and specific situations
				CO2	Learning nutrient adequacy of macro and micronutrients as per the Indian and International RDA.
				CO3	Developing the skill to conduct market survey and analyse the packaged foods for their nutrient labelling
				CO4	Learning Chemical (AAS) methods of protein quality evaluation.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Research Methodology	**FHN A01**	CO1	Understand the different types of research
				CO2	Select appropriate research method for conducting research
				CO3	Use/ select/ develop appropriate tools for data collection.
				CO4	Interpret and present research results through comprehensive reports and presentations.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Human Physiology	**FHN A02**	CO1	Understand the cellular components and role of blood and its components
				CO2	Learn about the functions and components of the lymphatic and immune system
				CO3	Learn the structure and functions of the digestive, excretory, reproductive, and endocrine systems
				CO4	Relate the physiology of gut, liver and adipose tissue with the nutrient digestion, absorption, transport and storage.

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M.Sc. Home-Science (Foods and Human Nutrition)	I	Nutritional Biochemistry-I	**FHN A11**	CO1	Understanding physical principles of various techniques applied in food and nutrients analysis.
				CO2	Developing SOP for handling laboratory equipments, glassware and chemicals
				CO3	Learning skills of reagents preparation, and conducting nutrient analysis.
				CO4	Developing skills in students for various types of titrimetric estimations.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Food Science and Quality Control	**FHN A12**	CO1	Apply the knowledge of food science and its principles in food preparation.
				CO2	Understand the application of sensory evaluation techniques in food industry.
				CO3	Determine the various physical changes occurring during food processing.
				CO4	Implement strategies for improving food product quality and maintaining safety throughout the food supply chain.
M.Sc. Home-Science (Foods and Human Nutrition)	I	Human Physiology	**FHN A13**	CO1	Learning principle and use of various biophysical and biochemical techniques used in disease diagnosis.
				CO2	Enable a student to interpret medical (blood/urine/etc.) reports for the disease diagnosis
				CO3	Developing ability in students to conduct and interpret various tests to measure physical fitness.
				CO4	Apply knowledge of human physiology to address dietary and

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					health-related issues.
M.Sc. Home-Science (Human Development and Family)	I	History and Theories of Human Development -1	**HDF 701**	CO1	The students will be able to use basic knowledge and concepts of theories on personality and socialization in their life.
				CO2	The students will be able to gain and use deep insights into understanding complex psychological influences.
				CO3	Explore the impact of historical perspectives on contemporary human development practices.
				CO4	Apply theoretical frameworks to assess and address developmental challenges and milestones.
M.Sc. Home-Science (Human Development and Family)	I	Foundations of Human Development -1	**HDF 702**	CO1	The students will be able to understand the principles and processes of genetic reproduction, causes and characteristics of genetic Anomalies.
				CO2	The students will be able to understand recent advances, importance of critical period, growth and human development.
				CO3	Explore the influence of genetics, environment, and culture on human development.
				CO4	Apply developmental concepts to assess and support individual growth and family dynamics.
M.Sc. Home-Science (Human	I	Early Childhood Care and Education	**HDF 703**	CO1	The students will be able to use acquired knowledge and insight

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Development and Family)					regarding early childhood care and education in family and community as well.
				CO2	The students will be able to develop the skills and techniques to plan activities and implement in ECCE Centers.
				CO3	The students will be able to use their knowledge and skills in develop capacities for positive discipline, behavior modification and role of special educator.
				CO4	The students will also be act as evaluator in ECCE centers.
M.Sc. Home-Science (Human Development and Family)	I	Early Childhood Care and Education	**HDF 711**	CO1	The students will be able to act as an early educator with suitable technical skills
				CO2	The students will be in capacity to plan and implement developmentally appropriate activities in ECCE Centers.
				CO3	The students will be able to observe and identify the difference between theory and realistic approach of early childhood education.
				CO4	Develop and implement effective caregiving and educational programs for early childhood settings.
M.Sc. Home-Science (Human Development and Family)	I	Research Methodology	**HDF A01**	CO1	The students will be develop good understand regarding the basic concepts and steps of scientific research.

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				CO2	The students will be able to use various research designs, sampling techniques, methods of collecting data in effective way.
				CO3	The students will be able to complete their academic research and present report for dissertation purpose.
				CO4	Interpret research findings and present results effectively in written and oral formats.
M.Sc. Home-Science (Human Development and Family)	I	Life Span Development-1	**HDF A02**	CO1	The students will be able to use different assessment techniques for prenatal developmental processes and neonatal development.
				CO2	The students will be able to help students gain an understanding of the growth and development from infancy to late childhood.
				CO3	Explore the impact of family, culture, and environment on individual growth and development.
				CO4	Apply lifespan development theories to support and address developmental needs at various life stages.
M.Sc. Home-Science (Human Development and Family)	I	Skill training in Development of Children	**HDF A11**	CO1	The students will be able to use acquired knowledge regarding the development processes during neonatal period.
				CO2	The students will be able to assessment of developmental task from infancy to late childhood.
				CO3	Evaluate and adapt skill training methods to meet individual needs

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					and developmental goals.
				CO4	Explore strategies for integrating skill training into educational and caregiving settings.
M.Sc. Home-Science (Human Development and Family)	I	Innovative and Creative skills in Children	**HDF A12**	CO1	The students will be able to understand, plan and develop activities for children in ECCE centres.
				CO2	The students will be able to create developmental creative skill among students for the overall assessment of Child Care centres.
				CO3	Analyze the impact of creative skills on overall child development and learning.
				CO4	Explore strategies for integrating innovative approaches into educational and developmental practices.
M.Sc. Home-Science (Human Development and Family)	I	Approaches to Human Study	**HDF A13**	CO1	The student will be able to use their gain knowledge of methods of Human Study for an individual.
				CO2	The students will be able to apply suitable methods with different age groups, hence covering the life span stages of human development.
				CO3	Apply interdisciplinary methods to investigate human experiences and family dynamics.
				CO4	Evaluate the strengths and limitations of different research

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					approaches in understanding human behavior.
M.Sc. Home-Science (Development Communication and Extension)	I	Community Organization and Extension	**DCE 701**	CO1	learn nuances of community and community organization and their role in development
				CO2	Understand the principles of community organization
				CO3	Get insight of the developing leadership in rural people
				CO4	Understand group behavior and group dynamics for effective management of the group
M.Sc. Home-Science (Development Communication and Extension)	I	Development Communication	**DCE 702**	CO1	Understand the various facts of communication and its significance for extension and national development.
				CO2	Acquire basic knowledge of Indicators and models of development
				CO3	Gain understanding of development communication in development
				CO4	Understand different forms of Folk media and ways to promote them.
M.Sc. Home-Science (Development Communication and Extension)	I	Entrepreneurship Development for Women	**DCE 703**	CO1	Understand the concept of entrepreneurship, entrepreneur and enterprise

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				CO2	Get insight of the entrepreneurial growth
				CO3	Understand the various infrastructures for employment and income generation.
				CO4	Acquire skills in planning project proposals
M.Sc. Home-Science (Development Communication and Extension)	I	Development Communication	**DCE 711**	CO1	Gain first hand exposure of functioning, strength and weakness of developmental organizations.
				CO2	Acquire skill of critical analysis and designing of communication material for development
				CO3	Express themselves through folk media to enrich their skill in organizing an exhibition
				CO4	Evaluate the impact of communication interventions on community engagement and development outcomes.
M.Sc. Home-Science (Development Communication and Extension)	I	Research Methodology	**DCE A01**	CO1	Gain understanding of the basic concepts of research, types of research and research designs, sampling etc.
				CO2	Understand the research methods and research process
				CO3	Select appropriate research methods for conducting research
				CO4	Use/select/develop appropriate tool for data collection

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M.Sc. Home-Science (Development Communication and Extension)	I	Science and Technology for Women	**DCE A02**	CO1	Understand the basics of technology and their role in development
				CO2	Acquire a scientific temper to promote rural development.
				CO3	Gain knowledge in applied technologies for rural development with special reference to women.
				CO4	Apply strategies to enhance women's participation and representation in science and technology fields.
M.Sc. Home-Science (Development Communication and Extension)	I	Human Rights and Duties	**DCE A03**	CO1	Acquire basic knowledge of Human rights and duties
				CO2	Understand the issues concerning the rights and duties in general and the marginalized groups in particular.
				CO3	Practice on self those values: self-inculcation, endeavor to live up to those ideas i.e. duty to respect other rights, respect each other's human dignity
				CO4	Apply knowledge of human rights and duties to address issues in community development and extension work.
M.Sc. Home-Science	I	Communication Skills	**DCE A11**	CO1	Acquire skills of oral presentation, discussion, writing

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(Development Communication and Extension)					composition, CV, minutes reports
				CO2	Acquire skill in reading and writing notes from different sources
				CO3	Search and interpret information from various sources.
				CO4	Use appropriate skills in interpreting and answering oral and written questions in tests, examinations and other contexts.

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FACULTY OF SOCIAL SCIENCE

DEPARMENT OF POLITICAL SCIENCE

Program	Semester	Name Of Course	Code	CO	
Political Science	I	Fundamental Concept OfPolitical Science	**CCC POL 101**	CO1	Understand the foundational theories and concepts of political science and their evolution.
				CO2	Analyze various political ideologies, systems, and structures and their impact on governance.
				CO3	Evaluate the role of political institutions, behavior, and public policies in shaping societies.
				CO4	Develop critical thinking and analytical skills to assess political phenomena and current events.
Political Science	I	Indian Political Thought – Ancient &Medieval	**CCC POL 102**	CO1	Understand the key concepts and philosophies of ancient and medieval Indian political thought.
				CO2	Analyze the contributions of prominent Indian thinkers and their relevance to political theory.

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				CO3	Evaluate the socio-political contexts and influences that shaped ancient and medieval Indian political ideas.
				CO4	Develop critical perspectives on the evolution of political thought in ancient and medieval India and its contemporary relevance.
Political Science	I	Western Political Thought- Ancient &Medieval	**CCC POL 103**	CO1	Understand the foundational concepts and theories of ancient and medieval Western political thought.
				CO2	Analyze the contributions of key Western philosophers and their impact on political theory.
				CO3	Evaluate the historical and socio-political contexts that influenced the development of Western political ideas.
				CO4	Develop critical thinking skills to assess the relevance of ancient and medieval Western political thought in modern political discourse.
Political Science	I	India's Foreign Policy	**ECC A01**	CO1	Understand the key principles, objectives, and historical evolution of India's foreign policy.
				CO2	Analyze India's diplomatic relations, strategies, and engagements with major global powers and neighboring countries.
				CO3	Evaluate the impact of domestic and

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					international factors on the formulation and execution of India's foreign policy.
				CO4	Develop critical perspectives on current challenges and future directions in India's foreign policy and its role in global politics.
Political Science	I	Theory AndPractice Of Diplomacy	**ECC A02**	CO1	Understand the fundamental theories, concepts, and history of diplomacy in international relations.
				CO2	Analyze the roles, techniques, and strategies employed by diplomats in various contexts and negotiations.
				CO3	Evaluate the impact of diplomatic practices on global issues, conflict resolution, and international cooperation.
				CO4	Develop practical skills and critical thinking to engage in diplomatic processes, negotiations, and foreign policy analysis.
Political Science	I	International Organization	**ECC A03**	CO1	Understand the foundational concepts, roles, and functions of international organizations in global governance.
				CO2	Analyze the structure, objectives, and impact of key international organizations like the UN, IMF, and WTO.

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				CO3	Evaluate the effectiveness of international organizations in addressing global challenges such as peace, security, and development.
				CO4	Develop critical perspectives on the reform, relevance, and future role of international organizations in international relations.
Political Science	I	History Of Constitutional Development In India	**ECC A04**	CO1	Understand the historical evolution and key milestones in the development of the Indian Constitution.
				CO2	Analyze the influence of various legal and political documents, acts, and movements on constitutional reforms in India.
				CO3	Evaluate the roles of prominent leaders and constitutional bodies in shaping the Indian Constitution.
				CO4	Develop a critical understanding of the challenges, debates, and socio-political contexts that influenced constitutional development in India.
Political Science	I	Federalism In India	**ECC A05**	CO1	Understand the concept, evolution, and structure of federalism in the Indian political system.

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				CO2	Analyze the division of powers, functions, and responsibilities between the central and state governments in India.
				CO3	Evaluate the challenges, conflicts, and cooperative mechanisms within Indian federalism and their impact on governance.
				CO4	Develop critical perspectives on the dynamics of center-state relations and the future of federalism in India.
Political Science	I	Political Sociology	**ECC A06**	CO1	Understand the key concepts, theories, and scope of political sociology in analyzing the relationship between society and politics.
				CO2	Analyze the role of social structures, institutions, and movements in shaping political behavior and power dynamics.
				CO3	Evaluate the impact of class, caste, ethnicity, gender, and religion on political processes and governance.
				CO4	Develop critical perspectives on contemporary issues such as political participation, social change, and the role of civil society in political life

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DEPARTMENT OF PUBLIC ADMINISTRATION

Public Administration	I	Introduction To Public Administration	**PAD-101**	CO1	Understand the fundamental concepts, theories, and scope of public administration and its role in governance.
				CO2	Analyze the structures, functions, and processes of public organizations and administrative systems.
				CO3	Evaluate the principles of public management, policy-making, and administrative reforms in various contexts.
				CO4	Develop critical thinking skills to assess contemporary issues in public administration, including ethics, accountability, and citizen engagement.
Public Administration	I	Comparative Public Administration	**PAD-102**	CO1	Understand the key concepts, theories, and methods used in the comparative study of public administration systems.
				CO2	Analyze and compare administrative structures, processes, and practices across different countries and cultures.

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				CO3	Evaluate the impact of socio-political contexts on public administration and governance in various international settings.
				CO4	Develop critical perspectives on administrative reforms, best practices, and innovations in public administration globally.
Public Administration	I	Public Personnel Administration	**PAD-103**	CO1	Understand the key principles, theories, and practices of managing human resources in the public sector.
				CO2	Analyze the processes of recruitment, selection, training, and development of public personnel.
				CO3	Evaluate the role of public personnel administration in enhancing organizational effectiveness, accountability, and employee performance.
				CO4	Develop critical perspectives on contemporary issues in public personnel management, including diversity, ethics, and public sector reforms.
Public Administration	I	Research Methodology	**PAD-A01**	CO1	Understand the fundamental concepts, approaches, and techniques used in designing and conducting research.
				CO2	Analyze and apply various research methods, including qualitative, quantitative, and mixed methods, to address research questions.

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				CO3	Evaluate the validity, reliability, and ethical considerations involved in data collection, analysis, and interpretation.
				CO4	Develop skills to effectively communicate research findings through well-structured reports, presentations, and academic papers.
Public Administration	I	Administrative Law AndGovernance	**PAD-A02**	CO1	Understand the principles, concepts, and scope of administrative law and its role in governance.
				CO2	Analyze the legal framework governing administrative actions, including regulatory processes, judicial review, and accountability mechanisms.
				CO3	Evaluate the impact of administrative law on public administration, decision-making, and citizen rights.
				CO4	Develop critical perspectives on contemporary issues in administrative law and governance, including reforms, transparency, and the balance of power.
Public Administration	I	Politics And Administration	**PAD-A03**	CO1	Understand the interplay between political processes and administrative functions within the governance framework.
				CO2	Analyze the influence of political dynamics on administrative decision-making, policy implementation, and public administration.

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				CO3	Evaluate the roles and interactions of political leaders, bureaucrats, and other stakeholders in shaping public policies and governance outcomes.
				CO4	Develop critical perspectives on the challenges and opportunities arising from the relationship between politics and administration, including issues of accountability, efficiency, and reform.
Public Administration	I	Urban Governance	**PAD-A04**	CO1	Understand the key concepts, theories, and frameworks related to urban governance and management.
				CO2	Analyze the roles and functions of various stakeholders, including government agencies, private sector, and civil society, in urban planning and development.
				CO3	Evaluate the challenges and opportunities in addressing urban issues such as infrastructure, housing, and sustainability.
				CO4	Develop critical perspectives on policy innovations, governance models, and strategies for improving urban governance and enhancing quality of life in cities.

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DEPARTMENT OF ECONOMICS

Economics	I	Microeconomics Theory-I	**ECO 101**	CO1	Analyze consumer and producer behavior using foundational microeconomic principles.
				CO2	Apply mathematical models to solve problems related to market equilibrium and optimization.
				CO3	Evaluate the impacts of market structures on competition and efficiency.
				CO4	Develop critical thinking skills to assess real-world economic issues through the lens of microeconomic theory.
Economics	I	Macroeconomics Theory-I	**ECO 102**	CO1	Analyze key macroeconomic indicators such as GDP, inflation, and unemployment.
				CO2	Understand and apply fundamental macroeconomic models to evaluate economic policies.
				CO3	Assess the impacts of fiscal and monetary policies on national and global economies.
				CO4	Develop the ability to interpret and predict economic trends based on macroeconomic theory.

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Economics	I	Mathematical Methods For Economics	**ECO 103**	CO1	Utilize mathematical techniques to solve economic problems and model economic phenomena.
				CO2	Apply optimization methods to analyze economic behavior and decision-making.
				CO3	Interpret and manipulate economic functions and graphs using calculus and algebra.
				CO4	Develop and apply quantitative skills to enhance economic analysis and empirical research.
Economics	I	Environmental Economics-I	**ECO A01**	CO1	Assess the economic impacts of environmental policies and regulations.
				CO2	Apply economic theories to evaluate environmental issues such as pollution and resource depletion.
				CO3	Analyze market failures related to environmental externalities and propose potential solutions.
				CO4	Develop strategies for sustainable economic practices and environmental management.
Economics	I	Demography-I	**ECO A02**	CO1	Analyze demographic data and trends using statistical methods and population models.

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				CO2	Understand the factors influencing population growth, distribution, and structure.
				CO3	Evaluate the implications of demographic changes on economic, social, and environmental outcomes.
				CO4	Apply demographic theories to address real-world issues related to population dynamics.
Economics	I	Agricultural Economics-I	**ECO A03**	CO1	Analyze the economic principles and practices related to agricultural production and market structures.
				CO2	Evaluate the impact of agricultural policies and trade on rural economies and global markets
				CO3	Apply economic models to assess issues such as farm management, resource allocation, and sustainability.
				CO4	Develop strategies for improving agricultural productivity and addressing challenges in the agricultural sector.
Economics	I	Industrial Economics-I	**ECO A04**	CO1	Analyze the structure, conduct, and performance of industries using key economic models.
				CO2	Evaluate market dynamics, competition, and firm behavior within various industrial contexts.

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				CO3	Apply economic theories to understand the impact of industrial policies and regulations.
				CO4	Develop strategies for improving industry efficiency and addressing market failures.
Economics	I	Mathematical Economics-I	**ECO A05**	CO1	Apply mathematical techniques to formulate and solve economic models and problems.
				CO2	Utilize linear algebra, calculus, and optimization methods to analyze economic theories and phenomena.
				CO3	Interpret and analyze economic data using mathematical tools and techniques.
				CO4	Develop and apply quantitative models to enhance economic decision-making and research.
Economics	I	Indian Banking System	**ECO A06**	CO1	Understand the structure and functions of the Indian banking sector, including key institutions and regulatory frameworks.
				CO2	Analyze the role of banks in the Indian economy, including credit creation and monetary policy implementation.

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				CO3	Evaluate the challenges and opportunities facing Indian banks in the context of financial inclusion and technological advancements.
				CO4	Apply knowledge of banking principles to assess the impact of banking regulations and policies on economic stability and growth
Economics	I	Mathematical Statistics-I	**ECO A07**	CO1	Apply statistical methods to collect, analyze, and interpret data effectively.
				CO2	Utilize probability theory and statistical inference to solve real-world problems.
				CO3	Develop and test hypotheses using various statistical techniques and models.
				CO4	Interpret statistical results to make informed decisions and conduct empirical research.

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DEPARTMENT OF HISTORY AND INDIAN CULTURE

History and Indian Culture	I	Evolution Of Indian Society AndThought	**HIS-701**	CO1	Trace the historical development of Indian society and its major cultural, social, and philosophical trends.
				CO2	Analyze the impact of key historical events and movements on Indian thought and societal structures.
				CO3	Understand the contributions of prominent thinkers and reformers to Indian philosophy and social change.
				CO4	Evaluate the interplay between traditional practices and modern influences in shaping contemporary Indian society.
History and Indian Culture	I	World In The Twentieth Century, Part I (UptoWorld War II)	**HIS-702**	CO1	Analyze the major political, economic, and social developments leading up to World War II.
				CO2	Evaluate the causes and consequences of significant events such as the Great Depression and the rise of totalitarian regimes.
				CO3	Understand the global impact of early twentieth-century conflicts and their role in shaping modern international relations.

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				CO4	Assess the influence of key figures and ideologies on global events and their long-term implications for world history.
History and Indian Culture	I	Main Trends In The History Of Modern World (Upto 1900. A.D.)	**HIS-703**	CO1	Analyze the major political, social, and economic transformations that shaped the modern world up to 1900.
				CO2	Evaluate the impact of key events and movements, such as the Industrial Revolution and the Age of Enlightenment, on global development.
				CO3	Understand the rise and decline of empires and the emergence of nation-states.
				CO4	Assess the contributions of significant historical figures and their influence on the course of modern history.
History and Indian Culture	I	Historical Tourism InIndia With Special Reference To Rajasthan	**HIS-A01**	CO1	Analyze the historical and cultural significance of key heritage sites in Rajasthan and their role in tourism.
				CO2	Evaluate the impact of historical tourism on the local economy and preservation of cultural heritage.
				CO3	Develop strategies to enhance tourist experiences while promoting sustainable and responsible tourism practices.

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				CO4	Understand the historical evolution of Rajasthan's monuments and their influence on the broader Indian tourism landscape.
History and Indian Culture	I	Ancient Societies	**HIS-A02**	CO1	Analyze the social, political, and economic structures of various ancient civilizations.
				CO2	Evaluate the contributions of ancient societies to contemporary culture, technology, and governance.
				CO3	Understand the interactions and exchanges between ancient civilizations and their impact on global history.
				CO4	Assess archaeological and historical evidence to reconstruct the daily life and societal norms of ancient peoples.
History and Indian Culture	I	Women In Indian Society: Ancient AndMedieval India	**HIS-A03**	CO1	Analyze the roles and status of women in ancient and medieval Indian societies through historical and literary sources.
				CO2	Evaluate the impact of social, religious, and political changes on women's lives and rights during these periods.
				CO3	Understand the contributions of women to various aspects of Indian culture, including literature, politics, and religion.
				CO4	Assess the historical development of gender norms and their influence on contemporary Indian society.

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History and Indian Culture	I	History Of Political Thought	**HIS-A04**	CO1	Analyze the evolution of political ideas and theories from classical to modern times.
				CO2	Evaluate the contributions of major political thinkers and their impact on political theory and practice.
				CO3	Understand the historical context and philosophical foundations of key political concepts such as justice, liberty, and democracy.
				CO4	Assess the relevance of historical political thought to contemporary political issues and debates.
History and Indian Culture	I	History Of Religious Ideas	**HIS-A05**	CO1	Analyze the development and transformation of major religious ideas and beliefs across different cultures and historical periods.
				CO2	Evaluate the influence of religious thought on societal values, practices, and historical events.
				CO3	Understand the origins and evolution of key religious concepts, doctrines, and traditions.
				CO4	Assess the impact of religious ideas on intercultural interactions and global religious landscapes.

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History and Indian Culture	I	History Of Scientific Ideas	**HIS-A06**	CO1	Analyze the development and evolution of scientific concepts and theories from ancient to modern times.
				CO2	Evaluate the contributions of key scientists and their impact on the progress of scientific knowledge.
				CO3	Understand the interplay between scientific ideas and technological advancements throughout history.
				CO4	Assess the influence of cultural, social, and philosophical factors on the development of scientific thought.
DEPARTMENT OF SOCIOLOGY					
Sociology	I	Foundations Of Sociology	**SOC-701**	CO1	Analyze key sociological theories and concepts that form the basis of the discipline.
				CO2	Evaluate the role of social institutions, structures, and processes in shaping human behavior and societal norms.
				CO3	Understand the historical development of sociology and the contributions of major sociological thinkers.
				CO4	Apply sociological perspectives to analyze contemporary social issues and phenomena.

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Sociology	I	Methods Of Sociological Research	**SOC-702**	CO1	Utilize various research methods and techniques to design and conduct sociological studies.
				CO2	Apply qualitative and quantitative approaches to collect, analyze, and interpret sociological data.
				CO3	Evaluate the strengths and limitations of different research methodologies and their applicability to various sociological questions.
				CO4	Develop and implement research proposals that adhere to ethical standards and contribute to the field of sociology.
Sociology	I	Indian Society-I	**SOC-703**	CO1	Analyze the historical development and structural aspects of Indian society.
				CO2	Evaluate the impact of social institutions such as family, caste, and religion on contemporary Indian life.
				CO3	Understand the diversity of social practices and traditions across different regions of India.

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				CO4	Assess the influence of historical and socio-economic changes on the dynamics of Indian society.
Sociology	I	Rural Sociology	**SOC-704 (A-1)**	CO1	Analyze the social structures and dynamics of rural communities and their impact on rural life.
				CO2	Evaluate the role of agricultural practices, land use, and economic activities in shaping rural societies.
				CO3	Understand the challenges and opportunities faced by rural areas in the context of social change and development.
				CO4	Assess the influence of government policies and programs on rural development and community well-being.
Sociology	I	Sociology Of Tribal Society	**SOC-704 (A-2)**	CO1	Analyze the social structures, cultures, and traditions of tribal communities.
				CO2	Evaluate the impact of external influences and modernization on tribal societies.
				CO3	Understand the challenges faced by tribal communities, including issues related to identity, autonomy, and development.
				CO4	Assess the role of government policies and interventions in addressing the needs and preserving the cultures of tribal societies.

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Sociology	I	Political Sociology	**SOC-704 (A-3)**	CO1	Analyze the relationship between society and politics, including the impact of social structures on political behavior and institutions.
				CO2	Evaluate the role of power, authority, and governance in shaping social and political outcomes.
				CO3	Understand the influence of social movements, ideologies, and political processes on societal change.
				CO4	Assess the interplay between political systems and social inequalities, and their effects on political participation and representation.
Sociology	I	Sociology Of Globalization	**SOC-704 (A-4)**	CO1	Analyze the processes and impacts of globalization on social, economic, and cultural dimensions of societies.
				CO2	Evaluate how global interactions influence local practices, identities, and social structures.
				CO3	Understand the role of transnational institutions, global markets, and technology in shaping globalization.
				CO4	Assess the effects of globalization on social inequalities, conflicts, and opportunities across different regions.

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DEPARTMENT OF MUSEOLOGY AND CONSERVATION

Museology and Conservation	I	Introduction To Museum and Museology	**101 CC**	CO1	Analyze the role and significance of museums in preserving, interpreting, and exhibiting cultural, historical, and scientific artifacts.
				CO2	Evaluate the principles and practices of museology, including collection management, conservation, and curatorial strategies.
				CO3	Understand the historical development and types of museums, as well as their impact on education, research, and public engagement.
				CO4	Assess contemporary challenges and innovations in museum practices and their role in promoting cultural heritage and community involvement.
Museology and Conservation	I	Museum Management	**102 CC**	CO1	Analyze the key functions and responsibilities involved in managing a museum, including administration, finance, and human resources.
				CO2	Evaluate best practices for collection management, including acquisition, preservation, and documentation of artifacts.
				CO3	Understand the principles of exhibit design, curation, and public programming to enhance visitor engagement and educational impact.

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				CO4	Assess contemporary challenges in museum management, such as digital transformation, funding, and community outreach, and develop strategies to address them.
Museology and Conservation	I	Collection Management	**103 CC**	CO1	Analyze the principles and practices involved in managing and maintaining museum collections, including acquisition, documentation, and conservation.
				CO2	Evaluate methods for cataloging, inventorying, and ensuring the physical and digital security of artifacts.
				CO3	Understand the ethical and legal considerations in collection management, including provenance, restitution, and intellectual property rights.
				CO4	Assess strategies for managing and optimizing collections to support research, exhibition, and educational goals.
Museology and Conservation	I	Preservation Of Architectural Heritage	**ECC-A01**	CO1	Analyze the principles and practices involved in the preservation and conservation of architectural heritage, including historical, cultural, and structural considerations.
				CO2	Evaluate methods and techniques for assessing the condition of historic buildings and sites, and implementing preservation strategies.
				CO3	Understand the legal and ethical frameworks governing the protection of

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					architectural heritage, including policies, guidelines, and international conventions.
				CO4	Assess contemporary challenges and innovations in architectural preservation, and develop strategies for balancing conservation with modernization and sustainability.
Museology and Conservation	I	Heritage Management Tourism	**ECC-A02**	CO1	Analyze the principles and practices of managing heritage sites within the context of tourism, including conservation, interpretation, and visitor engagement.
				CO2	Evaluate the impact of tourism on cultural heritage sites, including the benefits and challenges associated with heritage tourism.
				CO3	Understand strategies for developing and promoting heritage tourism initiatives that balance preservation with economic and social benefits.
				CO4	Assess the role of stakeholders, including local communities, governments, and private sector partners, in managing and sustaining heritage tourism projects.
Museology and Conservation	I	Cultural Tourism InRajasthan	**ECC-A03**	CO1	Analyze the unique cultural heritage of Rajasthan, including its historical landmarks, traditional arts, and local customs.
				CO2	Evaluate the impact of cultural tourism on the preservation and promotion of Rajasthan's cultural sites and practices.

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				CO3	Understand the strategies for developing and managing cultural tourism initiatives that enhance visitor experiences while supporting local communities
				CO4	Assess the challenges and opportunities associated with cultural tourism in Rajasthan, including sustainability, community involvement, and economic impact.
Museology and Conservation	I	Outlines Of Indian History &Culture	**ECC-A04**	CO1	Analyze key historical periods and cultural developments in Indian history, from ancient times to the modern era.
				CO2	Evaluate the impact of major events, movements, and figures on the evolution of Indian society and culture.
				CO3	Understand the contributions of various dynasties, empires, and civilizations to India's rich cultural heritage.
				CO4	Assess the interplay between historical events and cultural practices, and their influence on contemporary Indian identity and social structures.
Museology and Conservation	I	Computer Application InMuseum	**ECC-A05**	CO1	Analyze the use of computer technology in various museum functions, including collection management, exhibit design, and visitor engagement.
				CO2	Evaluate software and digital tools for cataloging, conservation, and inventory management of museum artifacts.

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				CO3	Understand the application of digital technologies in creating virtual exhibits, interactive displays, and online resources to enhance visitor experience.
				CO4	Assess the challenges and benefits of integrating computer applications in museum operations, including data security, system integration, and staff training.
DEPARTMENT OF ANTHROPOLOGY					
Anthropology	I	Foundation Of Anthropology	**ANT-101**	CO1	Analyze the core concepts, theories, and methodologies in anthropology, including cultural, biological, linguistic, and archaeological perspectives.
				CO2	Evaluate the contributions of key anthropological thinkers and their impact on the development of the discipline.
				CO3	Understand the processes of human evolution, cultural development, and social organization in diverse contexts.
				CO4	Assess the relevance of anthropological research in understanding contemporary global issues such as identity, globalization, and social change.

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Anthropology	I	Introduction Of Social Anthropology	**ANT-102**	CO1	Analyze the foundational concepts, theories, and methods of social anthropology, focusing on the study of human societies and cultures.
				CO2	Evaluate the social structures, kinship systems, rituals, and belief systems across diverse cultural contexts.
				CO3	Understand the processes of social change, identity formation, and cultural adaptation in both traditional and modern societies.
				CO4	Assess the role of anthropological research in addressing contemporary social issues such as inequality, migration, and globalization.
Anthropology	I	Social Research Methods	**ANT-103**	CO1	Analyze the various research methodologies used in social sciences, including qualitative, quantitative, and mixed methods approaches.
				CO2	Evaluate research design, data collection techniques (such as surveys, interviews, and observations), and data analysis methods.
				CO3	Understand the ethical considerations and challenges involved in conducting social research and ensuring validity, reliability, and objectivity.

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				CO4	Assess the application of social research methods to address real-world problems and develop evidence-based policies and practices.
Anthropology	I	Development Anthropology	**ANT-A01**	CO1	Analyze the role of anthropology in understanding and addressing development issues in diverse cultural and socio-economic contexts.
				CO2	Evaluate the impact of development policies and projects on local communities, focusing on participatory development, social equity, and cultural sustainability.
				CO3	Understand the theoretical frameworks and methods used by anthropologists to study development, including globalization, modernization, and postcolonial critiques.
				CO4	Assess the effectiveness of development interventions and strategies in promoting sustainable and inclusive growth while respecting cultural diversity and local knowledge systems.
Anthropology	I	Tribes In India	**ANT-A02**	CO1	Analyze the socio-cultural, economic, and political aspects of tribal communities in India, including their unique identities, traditions, and social structures.
				CO2	Evaluate the impact of historical, colonial, and postcolonial policies on the rights, resources, and livelihoods of tribal groups.

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				CO3	Understand the challenges faced by tribal communities, such as displacement, marginalization, and issues related to development and integration.
				CO4	Assess the role of anthropology and policy interventions in promoting tribal rights, cultural preservation, and sustainable development in tribal regions of India.
Anthropology	I	Folk Culture AndFolk Lore	**ANT-A03**	CO1	Analyze the elements and characteristics of folk culture, including oral traditions, customs, rituals, and material culture in various societies.
				CO2	Evaluate the role of folklore in preserving cultural identity, community values, and social norms through stories, myths, legends, and performances.
				CO3	Understand the methods of collecting, documenting, and interpreting folk narratives and cultural practices.
				CO4	Assess the impact of contemporary changes on folk culture and folklore, including globalization, modernization, and cultural exchange.
Anthropology	I	Anthropology Of Communication	**ANT-A04**	CO1	Analyze the role of communication in shaping and reflecting cultural practices, social interactions, and identity across different societies.

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				CO2	Evaluate the theories and methodologies used to study communication patterns, language use, and non-verbal cues within various cultural contexts
				CO3	Understand the impact of technological advancements and media on communication practices and cultural change.
				CO4	Assess the influence of cultural norms, power dynamics, and social structures on communication processes and practices in both traditional and modern settings.
Anthropology	I	Human Ecology AndBiology And Cultural Dimensions	**ANT-A05**	CO1	Analyze the interplay between biological and ecological factors in shaping human health, behavior, and adaptation across diverse environments.
				CO2	Evaluate how cultural practices and beliefs influence and are influenced by ecological and biological factors, including diet, medicine, and environmental adaptation.
				CO3	Understand the principles of human ecology, including the impact of environmental changes, resource management, and sustainability on human societies.
				CO4	Assess the integration of biological and cultural perspectives in addressing contemporary issues such as climate change, public health, and environmental

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					conservation.
Anthropology	I	Displacement And Disaster Management	**ANT-A06**	CO1	Analyze the causes, types, and impacts of displacement and disasters on affected populations, including environmental, social, and economic factors.
				CO2	Evaluate the strategies and frameworks for effective disaster management, including prevention, preparedness, response, and recovery.
				CO3	Understand the roles of various stakeholders, including government agencies, non-governmental organizations, and communities, in managing displacement and disaster scenarios.
				CO4	Assess the challenges and best practices in addressing the needs of displaced populations and implementing disaster management policies to promote resilience and recovery .

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SOUTH ASIA STUDY CENTRE

International Relation and Area Studies	I	Fundamentals Of International Relations AndArea Studies	**IRA-101**	CO1	Analyze the foundational theories, concepts, and frameworks of international relations, including realism, liberalism, constructivism, and critical theories.
				CO2	Evaluate the dynamics of global politics, including power relations, diplomacy, conflict, cooperation, and the role of international organizations and non-state actors.
				CO3	Understand the importance of area studies in examining regional geopolitics, culture, economics, and historical contexts, and their impact on global affairs.
				CO4	Assess contemporary international issues such as globalization, security, human rights, and environmental challenges, and their implications for global and regional governance.
International Relation and Area Studies	I	History Of International Relations AndArea Studies	**IRA-102**	CO1	Analyze the historical development of international relations from ancient times to the contemporary era, focusing on key events, treaties, and power shifts.
				CO2	Evaluate the evolution of diplomatic practices, alliances, conflicts, and the balance of power among nations across different historical periods.

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				CO3	Understand the significance of area studies in providing in-depth knowledge of specific regions, including their historical, political, cultural, and economic contexts, and how these impact global relations.
				CO4	Assess the historical roots of contemporary international issues, such as colonialism, world wars, decolonization, the Cold War, and regional conflicts, and their influence on current global dynamics.
International Relation and Area Studies	I	World Politics AndInternational Relations	**IRA-A01**	CO1	Analyze the key theories and concepts of international relations, including power dynamics, state behavior, international cooperation, and global governance.
				CO2	Evaluate the roles and interactions of major international actors, including states, international organizations, non-governmental organizations, and multinational corporations.
				CO3	Understand the impact of global issues such as conflict, security, human rights, and economic development on world politics and international relations.
				CO4	Assess the implications of contemporary challenges such as globalization, regionalism, and environmental sustainability for international policies and strategies.

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International Relation and Area Studies	I	Diplomacy And International Relations	**IRA-A02**	CO1	Analyze the principles and practices of diplomacy, including negotiation, conflict resolution, and diplomatic protocols in shaping international relations.
				CO2	Evaluate the roles of different diplomatic actors, including states, international organizations, and non-state entities, in conducting foreign policy and managing international affairs.
				CO3	Understand the impact of historical and contemporary diplomatic strategies on global politics, alliances, and conflicts.
				CO4	Assess the effectiveness of various diplomatic tools and approaches in addressing global challenges such as security, trade, human rights, and environmental issues.
International Relation and Area Studies	I	Foreign Policy Analysis	**IRA-A03**	CO1	Analyze the theories and models of foreign policy decision-making, including rational actor models, bureaucratic politics, and cultural and psychological factors.
				CO2	Evaluate the roles and influences of key actors in shaping foreign policy, including governments, interest groups, and international organizations
				CO3	Understand the processes and strategies involved in the formulation, implementation, and evaluation of foreign policies.

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				CO4	Assess the impact of domestic and international factors, such as public opinion, economic conditions, and geopolitical shifts, on the development and execution of foreign policy.
International Relation and Area Studies	I	Trends And Issues InContemporary	**IRA-A04**	CO1	Analyze current trends and emerging issues in contemporary society and their impact on various sectors.
				CO2	Evaluate the influence of globalization on contemporary cultural and economic practices.
				CO3	Assess the role of technology in shaping modern social and political dynamics.
				CO4	Develop critical perspectives on contemporary challenges and propose innovative solutions.
DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION					
Journalism & Mass Communication	I	Contemporary Indian And Communication India	**I**	CO1	Analyze the evolution and current trends in communication practices in India, including digital media, journalism, advertising, and public relations.
				CO2	Evaluate the impact of socio-political, economic, and technological changes on communication strategies and media landscapes in contempora

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				CO3	Understand the role of communication in shaping public opinion, cultural narratives, and political discourse in modern Indian society.
				CO4	Assess the challenges and opportunities presented by new communication technologies and platforms in promoting inclusivity, transparency, and civic engagement in India.
Journalism & Mass Communication	I	New Reporting, Editing And FeatureWriting	**II**	CO1	Analyze the principles and techniques of news reporting, including fact-gathering, interviewing, and crafting clear and accurate news stories.
				CO2	Evaluate the processes of editing for clarity, accuracy, style, and adherence to journalistic standards, ensuring ethical and high-quality content.
				CO3	Understand the art of feature writing, including developing engaging narratives, human-interest stories, and in-depth reports.

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				CO4	Assess the role of journalistic integrity and the impact of digital media on news reporting, editing, and feature writing in the contemporary media landscape.
Journalism & Mass Communication	I	Audio Visual Communication	**III**	CO1	Analyze the principles, techniques, and impact of audio-visual communication, including video production, sound design, and multimedia storytelling.
				CO2	Evaluate the use of various audio-visual tools and technologies in creating engaging and effective content for diverse audiences.
				CO3	Understand the process of planning, scripting, shooting, editing, and post-production in audio-visual media to convey messages effectively.
				CO4	Assess the role of audio-visual communication in fields such as journalism, advertising, education, and digital media, and develop strategies for effective content creation and distribution.
Journalism & Mass Communication	I	Media Management	**IV**	CO1	Analyze the organizational structure, operational dynamics, and strategic planning processes of media organizations, including print, digital, broadcast, and new media.
				CO2	Evaluate management practices related to content creation, distribution, marketing, and revenue generation in the media

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					industry.
				CO3	Understand the challenges and opportunities presented by technological advancements, audience behavior changes, and regulatory environments in media management.
				CO4	Assess the role of leadership, decision-making, and innovation in managing media enterprises effectively, while ensuring ethical standards and sustainability.

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