

**FIRST YEAR (FY)**

<b>FYBA</b>		<b>Sem I</b>			<b>Sem II</b>	
<b>Major Mandatory</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
Economics	Economics	Indian Economy: Structure and Issues	Discover how the Indian economy shapes everyday life—from jobs and income to inequality and development. This course helps students understand India’s economic story through real examples and clear explanations.		India and the World Economy	Explore how global events, trade, and globalisation affect India and us. This course connects world economic changes to India’s growing role in the global economy.
English	English	Literature: Time, Place, and Imagination	The course introduces students to the study of fiction, poetry, and the novel through texts shaped by history, culture, and imagination. The course develops close reading and critical skills by examining how literary forms respond to social, political, and psychological contexts across genres and periods		Literature: Connections, Conflict, and Courage	The course explores drama, poetry, and short fiction to examine human relationships, conflict, and moral courage across historical and cultural contexts. The course builds critical, analytical, and performance-based skills through close engagement with texts that foreground empathy, and ethical choice
Sociology	Sociology	"Foundations of Sociology and Contemporary Society"	The course introduces basic concepts and perspectives of Sociology		Social Structure and Social Institutions	The course examines the role of social institutions in shaping individual lives and in maintaining society.

Psychology	Psychology	Introduction to Psychology	This paper provides a foundational understanding of psychology by examining its historical development, major perspectives, and scientific methods. It also explores core psychological processes such as sensation, perception, consciousness, and personality, with emphasis on their real-life applications	Cognitive Processes	This paper introduces the core processes of cognitive psychology, focusing on intelligence, creativity, learning, memory, cognition, and language. It emphasizes theoretical understanding along with practical applications in problem-solving, behaviour modification, and memory enhancement.
<b>Major +2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>
Economics	Economics	Household Budgeting	This course helps students understand budgeting, spending choices, financial stress, and everyday economic decision-making through hands-on activities and practical examples.	Household Finance Management	This course introduces savings, credit, insurance, investments, and sustainable financial planning, connecting economic concepts with real household financial challenges.
English	English	Literature of Revenge	A course exploring Elizabethan drama, theatrical forms, power and social conflict through the iconic play <i>The Merchant of Venice</i> . It reads the play's tensions—prejudice, justice, minority rights, and authority—alongside 21st-century debates on identity, inequality and social conflict.	Literature: Dystopia/ Utopia	A course studying <i>The Handmaid's Tale</i> through the theory of the novel and the lens of utopia vs. dystopia in modern fiction. It examines social conflict, power, gender, resistance and its urgent relevance to 21st-century debates on rights, inequality and authoritarianism.

	Sociology	Sociology	Everyday Life: From Sociological Perspective	The course will focus on everyday practices to understand larger society.		Sociology through Consumer Culture	This course introduces basic sociological concepts through a focus on the everyday consumer culture
	Psychology	Psychology	Foundations of Brain and Behaviour	This paper examines the biological foundations of behaviour by exploring the structure and functioning of neurons, the nervous system, and the brain. It also integrates biological perspectives on motivation and emotion.		Self and Selfhood	This paper explores the concept of self and selfhood by examining self- understanding, self-concept, and their role in personal growth. It also emphasizes positive emotional states, happiness, and gender influences in shaping the self and enhancing well- being.
	<b>Minor</b>	<b>Department</b>	<b>Title of the Course</b>			<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Economics	Economics	<b>NA - No MINOR in SEM I</b>			Urbanization and Sustainable Living	This course helps students understand how cities grow, function, and shape everyday life. It explores urbanisation, infrastructure, employment, environmental challenges, and sustainable living using real Indian city experiences.
	English	English					Graphic Fiction and Anime

	Sociology	Sociology			Basics of Sociology	This course introduces sociological frameworks to grasp the changing global society
	Psychology	Psychology			Foundations of Social Psychology	This paper introduces social psychology by examining how individuals think about, influence, and relate to others within social contexts
	History	History			Transforming the World: Revolutions and Industry	This course examines the profound political and economic transformations brought about by the French and Industrial Revolutions. It explores how revolutionary ideas, technological innovations, and social change reshaped
	Politics	Politics and Public Administration			Understanding Democratic Politics in India	This course introduces students to the structure and functioning of democratic politics in India, focusing on government institutions, elections, party systems, leadership, social movements, media, and their role in sustaining democracy.
	Education	Education			Education for Holistic Development	This course introduces students the concepts of education and the role of education in fostering the holistic development of individuals.

	Performing Arts	Performing Arts				Introduction to Theatre	This course offers a foundational introduction to theatre as an art form, combining conceptual understanding with practical exploration. It aims to develop students' creative, analytical, and observational abilities through engagement with performance and stagecraft.
<b>OE1- Open Elective 1</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Economics	Economics	Foundations of Microeconomics	includes basic concepts in microeconomics and its applications in day-to-day life		Foundations of Macroeconomics	Includes basic concepts of macroeconomics, its applications and relevance to daily life	
History	History	History of Indian Cinema	Focusing on the evolution of Indian cinema, the course highlights how film serves as a dynamic medium for exploring the culture and history of India, aligning with current trends in interdisciplinary historical studies.		Exploring the Story of Pune	This course traces Pune's evolution from a Maratha capital to a modern cultural hub, examining its architecture, festivals, etc. The students will explore how history and heritage shape the city's identity.	
Psychology	Psychology	Self-Direction and Personal Well-Being	This paper examines the role of self-concept, self-esteem, and self-regulation in promoting psychological well-being. It also explores self-direction, decision-making, and personal growth in the context of social and technological change.		Life Skills and Psychological Well-Being	This paper focuses on understanding stress, its types, responses, and effects on individuals. It also emphasizes coping processes and life skills, highlighting constructive coping techniques, stress tolerance, and self-control for effective stress management.	

	Hindi	Hindi	हिंदी कथा एवं कथेत्तर साहित्य	Its main objective is to introduce students to human emotions, social realities and the evolution of various styles of prose and poetry.		हिंदी फिल्म रसास्वादन	Its objective is to develop in students the vision to view and appreciate cinema as a serious art form rather than mere entertainment.
<b>OE2- Open Elective 2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
English	English	Stories of Love, Faith, and Survival	Stories of Love, Faith and Survival explores enduring human resilience through poetry including “A Red, Red Rose” and “The Highwayman,” and fiction such as "Surpanakha: Woman, Interrupted" and <i>I Am Malala</i> . The course traces love, belief and survival across cultures, connecting personal courage to 21st-century struggles for identity, freedom and hope.		Stories of Justice/Injustice	Stories of Justice/Injustice examines power, privilege, and resistance through texts like the rap-poem “Glory” and Robert Browning’s “My Last Duchess”. Students also explore social inequity in the one-act play by Murugesh Srikumar and in Trevor Noah’s <i>Born a Crime</i> , linking historic and personal injustice to 21st-century debates on race, authority, and human rights.	
Politics and Public Administration	Politics and Public Administration	Contemporary Issues in World Politics	This course introduces major political issues shaping the world today, including conflict, environment, and global inequality. It helps students understand how global events influence societies and everyday life.		Politics of Water	This course explores water as a political issue shaped by power, conflict, and cooperation. It examines how access to and control over water affect social relations and political decisions.	

	Education	Education	Understanding Diversity in Education	This course introduces students to the concept of diversity in education and helps them understand how inclusive and equitable educational practices can address these differences in the Indian context.		ICT and Artificial Intelligence in Education	The paper focuses on digital tools, AI-enabled learning systems, ethical considerations, and future trends, with special reference to the Indian education system and NEP 2020.
	Marathi	Marathi	भाषिक कौशल्ये विकास भाग १	Marathi language skills and abilities are developed. There was information about career opportunities gained through various language skills.		भाषिक कौशल्ये विकास भाग २	Public speaking skills and Marathi writing skills will be developed.
	Same for Arts and Commerce	Commercial Arithmetic	Introductory Mathematics and Statistics				
	<b>VSC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Social Media and Branding	English	Digital Content and Marketing	This course equips students with foundational knowledge of digital content creation and social media marketing strategies across platforms. Learners explore digital storytelling, short-form video, influencer marketing, and analytics while creating strategic content tailored to audience engagement and brand goals.		Personal Branding and Professional Communication	The course focuses on developing a coherent personal voice, digital identity, and professional narrative through writing, visual design, and oral communication. Students gain practical skills in resumes, portfolios, presentations, and ethical self-representation across digital platforms.

	Quantitative Aptitude	Commercial Arithmetic	Basic Aptitude Skills	The course enhances employability and competitive-exam readiness by introducing basic computational skills while retaining core quantitative aptitude.		Reasoning and Data Skills	The course strengthens logical reasoning and decision-making skills essential for competitive exams, while retaining data analysis fundamentals.
	For MM	Marathi	व्यक्तिमत्व विकास	Ethical values and leadership qualities will be developed as part of personality Development.		व्यावहारिक कौशल्ये आणि व्यक्तिमत्त्व विकास	For personality formation, character development will be there place and positive personality will be developed.
	Same for Arts and Commerce	Business Studies	Personality Development and Self-Management	This course introduces the fundamentals of personality development with emphasis on self-awareness, attitude formation, and emotional intelligence. It aims to strengthen communication, interpersonal skills, and personal effectiveness.		Personality Development and Professional Skills	This course introduces the fundamentals of personality development with emphasis on self-awareness, attitude formation, and emotional intelligence. It aims to strengthen communication, interpersonal skills, and personal effectiveness.
	<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Conversational Hindi	Hindi	मौखिक अभिव्यक्ति कौशल	It prepares students for effective communication, public speaking and group discussions in various social and professional contexts.		साहित्यिक एवं साहित्येत्तर अनुवाद कौशल	The aim is to enable students to master linguistic nuances, cultural references, and accurate translation of professional terminology.

	Conversational Marathi	Marathi	पारंपरिक लोककला	There will be an understanding of the changing forms of folk expressions. There will be understanding of the social structure of the period, culture heritage, customs, tradition and rituals.		मराठी लोकगीते	There will be an understanding of the nature, creation and inspiration of folk songs. There will be an introduction to various traditions and types of folk songs. There will be an understanding of folk from the presactive.
	<b>AEC-</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	English	English	English for Real World Communication	The course focuses on skills of grammar, writing and spoken fluency for everyday communication		English for Career Readiness	The course focuses on English for career readiness including formal writing, business communication and language skills for professional purposes
	<b>VEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
		Politics and Public Administration	Civic Values and Democratic Life	This course introduces students to core civic values and democratic practices essential for responsible citizenship. It encourages reflection on rights, duties, participation, and public life in a democratic society.		Living Values: The Indian Context	The course focuses on understanding Indian values through literary texts, poems and films.
	<b>IKS</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

	Generic	History	Understanding the Indian Knowledge System	This course will introduce the students to the rich culture, knowledge system and heritage of our past.		NA - No IKS in Sem II	
	CC	Department	Title of the Course	Brief Description of the Course		Title of the Course	Brief Description of the Course
	Sports	Physical Education	Fitness, Wellness and Self- Defence	The course focus on Fitness and wellness of students and basic Self-Defence skills		Yogic practices for Active Lifestyle	The course Focus on Different Yoga poses and there benefits, Recreational games and Advance Self-defence techniques

	FYBCOM		Sem I			Sem II	
	Major Mandatory	Department	Title of the Course	Brief Description of the Course		Title of the Course	Brief Description of the Course

	BE	Business Studies	Essentials of Business Entrepreneurship	This course introduces concept of entrepreneurship, role and types of entrepreneurs, factors motivating entrepreneurial behaviour. It also focuses on essential entrepreneurial competencies, significance of Entrepreneurial Development Programmes	Emerging forms of Business Entrepreneurship	This course explores rural, social, corporate, and digital entrepreneurship with reference to inclusive and sustainable development. It emphasizes innovation, employment generation
	BA	Business Studies	Essentials of Business Administration	The course develops an understanding of the concepts, essentials of business, business formats, business environment and functioning of a business	Business Administration in Practice	The course develops an understanding of the practices of business administration emphasising on Strategy Execution and Performance Management, Outsourcing and Digital Operations, Corporate Growth, Restructuring and Innovation Partnerships, Industry Interface and Governance
	Marketing	Business Studies	Foundations of Modern Marketing	This course introduces core marketing concepts, consumer behaviour, market analysis, and the marketing mix with an emphasis on digital, ethical, and inclusive practices. It equips students with practical skills in market research, branding, pricing, distribution, and promotional planning for contemporary business environments.	Personal Selling & Sales Management	This course explores personal selling, sales processes, and sales management with modern perspectives including AI tools, digital and social selling, ethics, and women's leadership in sales.

	Banking and Finance	Business Economics and Banking	Banking Systems and Analytics	This course provides an understanding of the fundamental structure of the banking system and the quantitative skills required for interest calculations. It equips the learners with the technical and analytical tools necessary to manage risk and enhance efficiency in a digital era		Banking Regulations and Operations	This course provides a comprehensive understanding of the two most critical foundations of modern banking: regulatory compliance and operational efficiency
	Cost and Works Accountancy	Accountancy	Fundamentals of Costing	This course introduces the basic concepts, terminology, and techniques of cost accounting with a focus on cost classification and analysis. The course explains labour as a key element of cost, including remuneration methods, labour Accounting .		Material Costing and Inventory Management	This course focuses on materials as a major element of cost and their effective management in organizations. The course also covers procurement practices, material storage systems, and inventory control techniques to ensure optimum utilization and cost efficiency.
	<b>Major +2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

	Cost and Works Accountancy	Accountancy	Fundamentals of Accounting	This course introduces the basic principles, concepts, and procedures of accounting, focusing on recording, classifying, and summarizing financial transactions. It builds a foundation for understanding financial statements.		Introduction to Accounting Standards	This Course aims to develop an understanding of the need for standardized accounting practices and the framework governing financial reporting. It also explains major accounting standards and highlights their role in ensuring consistency, reliability, transparency, and comparability of financial statements across organizations.
<b>Minor</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Business Economics	Business Economics and Banking	<b>NA - No MINOR in SEM I</b>			Market Structures and Corporate Strategy	This course will enable students to appreciate the different types of Market Structures along with a differentiation between these Market Structures with the help of case analysis and government intervention in the form of laws to protect Intellectual Property, to enable industry to reap the benefits of inventions and innovations and the consumers from exploitation.	

	LAW/BUSINESS LAW	Accountancy				Fundamentals of Business Laws	This course aims to provide an understanding of the basic legal principles governing business and commercial activities. The course introduces key laws related to contracts, companies, and regulatory compliance, enabling students to appreciate the legal environment of business operations.
	<b>OE1 - Open Elective 1</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Business Administration	Business Studies	Foundations of Business and Enterprise	The course develops an understanding of concepts, social responsibilities, process and formats of business and enterprise.		Functional Perspectives of Business Environment	The course develops an understanding of the functional areas of business administration and the impact of the business environment on its functioning
	for MM	Business Studies	<b>Business Skills</b>	<b>To develop the understanding of business communication skills required in the professional settings like Etiquettes, Personal Grooming.</b>		<b>Basics of Event Management</b>	<b>The course is focused on basics of event and event management, planning, organizing and designing an Event and the Role of Event Manager</b>

	<b>OE2 - Open Elective 2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Business Entrepreneurship	Business Studies	Entrepreneurship Fundamentals	This course develops understanding of entrepreneurship, factors, economic development, entrepreneurial mindset, roles, types, qualities, competencies, and common challenges faced by entrepreneurs		Emerging Domains of Entrepreneurship	The course provides an understanding of types of entrepreneurships such as women, social, corporate, and tourism, along with emerging trends in the areas like EduTech, FinTech, HealthTech, homepreneurs, and family businesses
	Mathematics	Commercial Arithmetic	Introductory Mathematics and Statistics	This course develops foundational skills in mathematics and statistics with emphasis on numerical methods and data interpretation. It equips learners to apply quantitative techniques for problem-solving and informed decision-making in real-life contexts.		Everyday Statistics	This course focuses on statistical techniques and progressions for data representation and analysis. It enables learners to interpret data, identify trends, and apply mathematical reasoning to practical situations.

	Law	Accountancy	Laws for Women	This course is designed to provide an understanding of laws aimed at protecting and promoting the rights of women, with specific focus on the Code on Wages, 2019 and relevant provisions of the Bharatiya Nyaya Sanhita (BNS). The course highlights legal safeguards, wage equity, and the role of legislation in ensuring dignity, safety, and justice for women in the workplace and society.		Laws related to E-Commerce	This course focuses on compliance, consumer protection, data privacy, competition, and emerging challenges in the digital economy.
	<b>VSC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Quantitative Aptitude	Commercial Arithmetic	Competitive Logical Reasoning Skills	This course develops competitive quantitative aptitude and logical reasoning skills essential for problem-solving, analytical thinking, and decision-making. It prepares learners for competitive examinations, aptitude tests, and career readiness through structured practice and application-based learning		Competitive Aptitude Skills	This course introduces the fundamentals of competitive quantitative aptitude, focusing on numerical problem-solving and analytical thinking. It equips learners with essential skills for competitive examinations, aptitude tests, and career readiness.

	Personality Development	Commercial Arithmetic	Personality Development and Self-Management	This course introduces the fundamentals of personality development with emphasis on self-awareness, attitude formation, and emotional intelligence. It aims to strengthen communication, interpersonal skills, and personal effectiveness.		Personality Development and Professional Skills	This course focuses on applying personality development skills in professional and career-oriented contexts. It enhances leadership qualities, career readiness, workplace ethics, and skills required for competitive and professional environments.
	<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
				Same as ARTS			Same as ARTS
	<b>AEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	English	English		Same as ARTS			Same as ARTS
	<b>VEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>			
	Understanding India	English	Same as Arts			Politics	Same as Arts
	<b>IKS</b>	<b>Department</b>				<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Mathematics	Commerce	Indian Mathematics: History and Logic	This course introduces learners to the rich traditions of Ancient Indian Mathematics within the Indian Knowledge Systems framework. It explores key mathematical concepts, methods, and their relevance to modern problem-solving and			

				applications.			
	<b>CC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
				<b>Same as ARTS</b>			<b>Same as ARTS</b>

<b>FYBSC(CS)</b>		<b>Sem I</b>			<b>Sem II</b>	
	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
<b>Course 1</b>	<b>B.Sc. Computer Science</b>	Programming in C	This course introduces the fundamentals of the C programming language, including data types, operators, control structures, functions, and arrays. It develops problem-solving skills and the ability to design and implement basic programs.		Advanced Concepts in C	This course covers advanced concepts of C programming such as pointers, structures, unions, file handling, and dynamic memory allocation. It enhances programming skills for developing efficient and complex applications.
	<b>B.Sc. Computer Science</b>	Computer Science Practical-Programming in C	This practical course provides hands-on experience in writing, compiling, and executing C programs. It helps students develop programming logic and problem-solving skills through various programming exercises.		Computer Science practical-Advanced C	This practical course provides hands-on experience with advanced C programming concepts such as pointers, structures, file handling, and dynamic memory allocation. It helps students develop efficient programs and strengthen problem-solving skills through practical

						exercises
<b>Course 2</b>	<b>B.Sc. Computer Science</b>	Foundations of Discrete Mathematics	<p>This course introduces Discrete Mathematics foundations for Computer Science, covering logic, proof techniques, counting principles, relations, lattices, Boolean algebra, and mathematical induction</p> <p>It builds the mathematical basis for algorithm design, programming logic, data structures, digital circuits, AI reasoning, database systems, and software verification.</p>		Graph Theory and Calculus	<p>This course introduces fundamental graph theory concepts used to represent and analyse networks and relationships between objects. The course also covers key ideas from calculus and multivariable mathematics to understand change, variation, and optimization in different mathematical models.</p>
	<b>B.Sc. Computer Science</b>	Mathematics Practical - Number Theory and Scilab	<p>This practical course develops computational problem-solving skills using C, Python, and Scilab by implementing core mathematical concepts such as GCD/LCM, prime checking, divisibility, Fermat's theorem, computational geometry, matrices, graph representations, Boolean logic, counting techniques, and relations. It strengthens the foundation for algorithm design, data structures, computational mathematics, graphics, logical reasoning, and</p>		Mathematics Practical - Geometry and Graph Theory	<p>Implementation of geometry-based algorithms using C programming to study spatial relationships among geometric objects. These practicals develop algorithmic thinking and problem-solving skills in geometric computations.</p> <p>Use of Maxima software for studying graphs and their properties, and performing symbolic computations related to limits, continuity, differentiability, partial derivatives, gradient, curl, and gradient descent.</p>

				software development, bridging discrete mathematics with real-world computer science applications.		
<b>Course 3</b>	<b>B.Sc. Computer Science</b>	Fundamentals of Digital System	The syllabus introduces students to the basic concepts of digital electronics such as number systems, Boolean algebra, and logic gates. It helps students understand and design combinational and sequential circuits, along with memory and CPU organization.	Smart Sensors and Data Communication	Study of sensor fundamentals, characteristics, and working principles of different sensors, understanding of signal conditioning techniques. Fundamentals of data communication including physical layer concepts, communication modes, modulation and demodulation, and serial and parallel communication methods	

		<b>B.Sc. Computer Science</b>	Practical in Fundamentals of Digital Systems	The syllabus focuses on hands-on learning through circuit design, simulations, virtual labs, and IC-based experiments covering logic gates, adders, multiplexers, flip-flops, and memory circuits.		Practical in Smart Sensors and Data Communication	Fundamental behaviour of analog/digital signals in systems. Sensor types & interfacing in simulation (Arduino & TinkerCAD). Op-amp applications — adder, subtractor, and use in DAC/ADC interfaces. Network Basics. Understanding IP vs MAC and how devices communicate. Interactive simulation of network devices & topologies.
<b>OE1 - Open Elective 1</b>	<b>Department</b>	<b>Title of the Course</b>			<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Computer Science	<b>B.Sc. Computer Science</b>	Critical Thinking	Critical Thinking is an open elective course that develops the ability to analyse, evaluate, and interpret information logically and objectively. It enhances problem-solving skills, decision-making, and reasoning through structured thinking and evidence-based arguments.		Creative Thinking	Creative Thinking is an open elective course that develops the ability to generate innovative ideas and approach problems from multiple perspectives. It enhances imagination, originality, and flexible thinking skills to create effective and novel solutions.	
<b>OE2 - Open Elective 2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	

	Computer Science	<b>B.Sc. Computer Science</b>	Cyber Safety for Everyone	The course familiarizes students with various forms of digital media such as videos, posts, blogs, and podcasts. It focuses on creativity, communication, and basic digital skills required in today's content-driven economy.		Web designing using HTML	This course covers core concepts of web technologies and internet fundamentals. Hands-on introduction to HTML for building static web pages from scratch and emphasis on practical webpage elements such as tables, images, and forms.
	IT for MM	BSC (CS)	कोरेल ड्रॉ आणि अडोब पेजमेकर	This course introduces students to CorelDRAW and Adobe PageMaker, enabling them to create and edit vector graphics, layouts, and print-ready designs. It focuses on developing practical skills in graphic design, page layout, text formatting, and visual communication for arts students.		ग्राफिक डिजाइन	This course introduces students to Adobe Photoshop and basic web designing, focusing on image editing, enhancement, and digital graphics creation. It also covers foundational HTML concepts, enabling students to design simple web pages and understand core web development principles.
	<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
		<b>B.Sc. Computer Science</b>	Data Analysis and Statistical Computing Laboratory	This laboratory course develops practical skills in spreadsheet-based data analysis, enabling students to organize datasets, compute descriptive statistics, visualize distributions, and model relationships using correlation and regression techniques.		Applied Probability for Data Analytics Laboratory	This laboratory course introduces applied probability through experiments and spreadsheet-based analysis, enabling students to model uncertainty, analyze random phenomena, and apply probabilistic reasoning to real-world data analytics scenarios.
	<b>AEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
				Same as Arts			Same as Arts
	<b>VEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

	<b>B.Sc. Computer Science</b>	Introduction to Software Engineering Practices and Ethics	This Syllabus discuss basic software and software engineering concepts and practices and ethics			<b>Same as Arts</b>	
<b>IKS</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
		Ancient Indian Mathematical Wisdom and Techniques	The course also covers algorithmic thinking, calendrical calculations, and classical problem solving from Lilavati. It highlights the relevance of ancient Indian mathematical techniques in modern computational and analytical methods.				
<b>CC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
			<b>Same as Arts</b>			<b>Same as Arts</b>	

	<b>FYBBA</b>		<b>Sem I</b>			<b>Sem II</b>	
	<b>Major Mandatory</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

	Human Resource Management	BBA	Foundations of Human Resource Management	This course provides a comprehensive introduction to the nature, evolution, and strategic importance of Human Resource Management in modern organizations. It explores core HR functions, architecture, and emerging global trends to equip students with the competencies needed to manage diverse talent in a changing technological landscape.		Functions of Human Resource Management	This course provides the practical execution of workforce management, focusing on the systematic processes of human resource planning, recruitment, and selection. It further explores the strategic role of training and development in building management programs and maintaining a competitive advantage in the modern workplace.
	Financial Management	BBA	Foundations of Financial Accounting	The course provides introduction to basic concepts of financial accounting, Accounting Standards, primary books of accounts i.e. Journal, Ledger, subsidiary books, Trial balance. It will teach preparation of Financial Statements of Sole proprietor and Company.		Foundations of Cost Accounting	This course provides an understanding of cost concepts, cost classification, and cost accumulation methods used in organizations. It will introduce with preparation of Cost sheet and elements of Cost i.e. Materials, Labour and Overheads.
	<b>Major +2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Human Resource Management	BBA	Management Essentials	The course introduces management concepts, principles and functions required for effective organizational management.		Management Trends	This course outlines the development of management and key contemporary trends influencing modern organizations.

	Financial Management	BBA		The course introduces management concepts, principles and functions required for effective organizational management.			This course outlines the development of management and key contemporary trends influencing modern organizations.
	<b>Minor</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	Marketing Management	BBA	NA - No MINOR in SEM I			Marketing Essentials	This course covers basic marketing concepts, consumer behaviour, and the marketing mix for creating customer value.
		BBA					This course covers basic marketing concepts, consumer behaviour, and the marketing mix for creating customer value.
	<b>OE1 - Open Elective 1</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
		BBA	Business Management	This course introduces the fundamental concepts and importance of management in a simple and easy-to-understand manner. It helps learners understand managerial roles, skills, and functions, along with insights from Indian and global business leaders, to build a strong foundation for future studies.		Basics of Human Resources Management	This course introduces the basic ideas of Human Resource Management in a simple and practical manner. It helps learners understand how organisations manage people through activities like planning, recruitment, training, and the changing role of HR managers.
	<b>OE2 - Open Elective 2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

			NA - Not being offered				
<b>VSC</b>	<b>Department</b>	<b>Title of the Course</b>			<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
	BBA	IT for Business	This course provides an understanding of the role and evolution of Information Technology in modern business. It enables students to apply IT concepts, e-commerce knowledge, and advanced digital tools to solve real-world business problems and enhance organisational efficiency.		E-Commerce Management	Includes e-commerce business models in practice, online store management, logistics and supply chain, payment gateways, marketing analytics, and legal aspects of digital communication.	
<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
	BBA	<b>Organisational Communication</b>	This course enhances students' understanding of the communication process. It focuses on effective internal and external communication, teamwork, and coordination skills essential for organisational effectiveness and managerial success.		Managerial Soft Skills	This course develops key managerial soft skills including time management, leadership, team building, motivation, decision-making, and interpersonal effectiveness. It prepares students for leadership roles and collaborative work environments.	
<b>AEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
English	English		<b>SAME AS ARTS</b>			<b>Same as ARTS</b>	

VEC	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
	BBA	English	SAME AS ARTS	Politics	SAME AS ARTS
IKS	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
	BBA	Glimpse of Indian Management and Numerical System	This course introduces to India's rich knowledge traditions in Management and number system.	NO IKS in SEM II	
CC	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
			Same as ARTS		Same as ARTS

FYBBA(CA)		Sem I		Sem II	
Major Mandatory	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
Computer Applications	BBA(CA)	C Programming	The course will cover the fundamental concepts of C language	Web Technologies	This course covers the fundamentals of web designing through HTML, CSS, JavaScript
		Database Management Concepts	The course aims to understand the database concepts and develop logic in creating queries by using SQL.	Advanced C Programming	This course aims to get knowledge on Advance C concepts like Pointers, Structures
Major +2	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course

Computer Applications	BBA(CA)	Lab Course Based on C Programming & Database	The course aims on Hand's on experience of computer languages like C and SQL	Lab Course Based on Web Technologies & Advanced C	The course develops programs in HTML,CSS, and write programs in C using pointers and structures.
<b>Minor</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>
Management	BBA(CA)	NA - No MINOR in SEM I		Business Communication Skills	This course covers the importance and method of communication and its utility. Learn the effective ways of messages within and outside the organization
<b>OE1- Open Elective 1</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	BBA(CA)	Digital Skills in Everyday Life	This course provides an understanding of basic computer concepts, including hardware, software, data, and operating systems.	Introduction to AI tools	This course introduces the fundamentals of Artificial Intelligence and its uses.
<b>OE2- Open Elective 2</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>
		NA		NA	
<b>VSC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>
Computer Applications	BBA(CA)	Quantitative & Logical Skills for Computing	This course focuses on problem-solving and logical reasoning	Relational Database	The course will help students understand the fundamentals of Relational database and also develop scripts using PL/SQL
<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the</b>	<b>Title of the Course</b>	<b>Brief Description of the</b>

			<b>Course</b>			<b>Course</b>	
Computer Applications	BBA(CA)	Multimedia Technology	This course introduces the concepts and tools used to create and integrate text, graphics, audio, video, and animation.		Software Engineering	This course aims to cover the process of developing software by using various SDLC models.	
<b>AEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Hindi	Hindi		<b>Same as ARTS</b>			<b>Same as ARTS</b>	
Marathi	Marathi						
English	English						
<b>VEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Computer Applications	BBA(CA)						
<b>IKS</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Computer Applications	BBA(CA)		<b>SAME AS BBA</b>				
<b>CC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
			<b>Same as ARTS</b>			<b>Same as ARTS</b>	

FYBSC Applied AIML		Sem I		Sem II	
Course 1	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
AIML	BSC Applied AIML	Programming with Python	Fundamental concepts of programming such as data structures, problem solving techniques using Python Introduction to programming with Python; covers syntax, control structures, functions, and problem-solving skills.	Python Programming for AI-ML	Advanced Python with libraries like NumPy, Pandas, Matplotlib, SciPy for data and statistical computing.
AIML	BSC Applied AIML	Lab Course on Python Programming	This course offer practical based Fundamental concepts of programming such as data structures, problem solving techniques using Python Introduction to programming with Python; covers syntax, control structures, functions, and problem-solving skills.	Lab Course on AI-ML using Python	This course offers practical based on Advanced Python with libraries like NumPy, Pandas, Matplotlib, SciPy for data and statistical computing.
Course 2	Department	Title of the Course	Brief Description of the Course	Title of the Course	Brief Description of the Course
Mathematics	BSC Applied AIML	Discrete Mathematical Structures	Discrete Mathematical Structures introduces the foundational concepts of logic, sets, relations, counting principles, and recurrence relations essential for computing disciplines.	Graph Theory & Applications	The Graph Theory course introduces fundamental concepts and types of graphs while developing analytical thinking for solving graph-related problems. It lays a strong mathematical foundation for advanced AI/ML topics such as

						Graph Neural Networks and AI search techniques.
Mathematics	BSC Applied AIML	Lab Course on Mathematics	Mathematics Using Python introduces core mathematical concepts through computational problem-solving using the Python programming language. The course emphasizes translating mathematical theory into algorithms, simulations, and visualizations for applications in computing and data science.	Lab Course on Graph Theory	Students will be able to use Python-based tools such as NetworkX, Matplotlib, and Graphviz to model, analyze, and visualize graphs effectively. They will implement core graph theory operations and algorithms relevant to AI/ML, including graph search, decision trees, and network analysis.	
<b>Course 3</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
Statistics	BSC Applied AIML	Descriptive & Inferential Statistics for AI Applications	The course builds a strong statistical foundation by introducing descriptive and inferential techniques tailored to AI and machine learning datasets, enabling students to understand variability, patterns, and predictive relationships in real-world data. It adopts an application-based learning approach through real datasets, case studies, simulations, and regression-based prediction	Probability Models & Uncertainty	The course builds AI-focused probability foundations by introducing probability theory for decision-making and uncertainty modelling, including conditional probability, Bayes' theorem, and probabilistic reasoning used in data-driven systems. It further develops skills in probabilistic modelling using random variables and distributions such as Bernoulli, Binomial, and Poisson to	

				exercises to develop practical statistical reasoning for data-driven decision-making in AI and analytics.			analyze and interpret uncertainty in AI and machine learning contexts.
Statistics	BSC Applied AIML	Statistical Computing & Data Analysis using Python Laboratory	The course emphasizes hands-on statistical computing using Python libraries like NumPy and Pandas for data cleaning, descriptive analysis, and visualization, helping students build essential computational skills for AI and data analytics. It also enables end-to-end data analysis through exploratory data analysis, correlation, regression modelling, and mini case studies, allowing students to interpret results effectively for data-driven decision-making in AI contexts.		Probability Modelling and Simulation Laboratory	The course emphasizes computational simulation of probability models through hands-on experiments and stochastic processes, enabling students to understand randomness, uncertainty, and probabilistic behaviour in real-world and AI-related contexts. It further adopts an application-based approach by integrating simulation, data visualization, and modelling exercises to help students analyze probability distributions, interpret variability, and apply probabilistic reasoning for decision-making and predictive analytics.	
<b>SEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	

	Computer Science	BSC Applied AIML	Fundamentals of AI	AI Fundamentals introduces the basic concepts, principles, and techniques of Artificial Intelligence, including problem-solving, knowledge representation, and intelligent agents. The course provides a foundation for understanding how AI systems work and how they are applied in real-world scenarios.		Database Management System	Course covers fundamental concepts of Database design, relational models, SQL queries and concept of NOSQL
	<b>Open Elective OE1</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>
	OE1	BSC Applied AIML	Generative AI for Creativity and Design	This course introduces Generative AI tools and techniques to enhance creativity, design thinking, and innovative content creation across disciplines. It bridges human imagination with modern AI-powered systems for creative expression and problem-solving.		AI for Business Entrepreneurship	This course introduces AI concepts and applications for enhancing business strategy, entrepreneurship, and decision-making without coding. It bridges modern AI-driven insights with practical business innovation, automation, and competitive advantage.
	<b>IKS - SEM I Only</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>

	Mathematics	BSC Applied AIML	Vedic Mathematics for AI	This course introduces Vedic mathematical techniques to enhance mental agility, logical reasoning, and rapid computation essential for AI and ML problem-solving. It bridges ancient Indian knowledge systems with modern computational thinking.		NIL	NIL	
	<b>VEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
	Politics and Public Administration	Politics and Public Administration	Civic Values and Democratic Life	Same as ARTS		Ethics in AI	Ethics in AI explores the moral, social, and legal implications of Artificial Intelligence technologies. The course emphasizes issues such as fairness, transparency, accountability, privacy, bias, and the responsible use of AI, preparing students to design and deploy AI systems that align with ethical principles and societal values.	
	<b>AEC</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	
	English	English		Same as ARTS			Same as ARTS	
	<b>CC - SEM</b>	<b>Department</b>	<b>Title of the Course</b>	<b>Brief Description of the Course</b>		<b>Title of the Course</b>	<b>Brief Description of the Course</b>	

	II Only					f Desc ripti on of the Cou rse
	Sports	Sports	NIL	NIL	Yogic practices for Active Lifestyle	The course Focus on Different Yoga poses and there benefits, Recreational games and Advance Self-defence technique

