

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji

DEPARTMENT OF B.C.A. (2022-23)

Details of Cross Details of Cross Cutting Issues relevant with Gender Awareness, Environmental Awareness, Professional Ethics and Human Values

Sr. No.	Name of the Course	Title of Paper	Sem.	Name of the Unit	Details of Cross Cutting Issues relevant with			
					Gender Awareness	Environmental Awareness	Professional Ethics	Human Values
1	B.C.A.-I	Fundamentals of Computer	I	Introduction to Computers			<ul style="list-style-type: none"> History of Computers Types of Computers 	<ul style="list-style-type: none"> Computers enable global communication Unparalleled access to knowledge
				Peripheral Devices and Number Systems			<ul style="list-style-type: none"> Types of memory Number System 	<ul style="list-style-type: none"> Respect for Users Continuous Improvement
				Introduction to Software & Operating Environment			<ul style="list-style-type: none"> Types of Software Types of Operating System 	<ul style="list-style-type: none"> Transparency and Honesty Empathy and Understanding
				Linux			<ul style="list-style-type: none"> Linux Commands VI Editor 	<ul style="list-style-type: none"> Responsibility and Accountability Continuous Learning and Improvement
2	B.C.A.-I	Introduction to Programming Using C	I	Basics of Programming and Ubuntu OS			<ul style="list-style-type: none"> Types of Computer Errors Introduction to GCC Compiler 	<ul style="list-style-type: none"> Logical Thinking and Problem-Solving Creativity and Innovation
				Control Statements and Array			<ul style="list-style-type: none"> Types of Loops Types of Array 	<ul style="list-style-type: none"> Attention to Detail and Precision Efficiency and Scalability
				User Defined Functions and Pointer			<ul style="list-style-type: none"> Types of Loops Types of Array 	<ul style="list-style-type: none"> Memory Management and Responsibility Attention to Detail and Precision
				Structures and File Handling			<ul style="list-style-type: none"> Structure Opening Mode File 	<ul style="list-style-type: none"> Respect for Data Continuous Learning and Improvement
				Introduction to Management			<ul style="list-style-type: none"> Importance of Management Functions of Management 	<ul style="list-style-type: none"> Role of manager in Organization Respect for People
				Functions of Management			<ul style="list-style-type: none"> Classification of Organization Types of Control 	<ul style="list-style-type: none"> Collaboration and Teamwork Development Growth



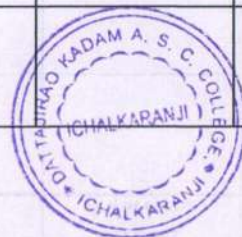
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3	B.C.A.-I	Principles of Management	I	Leadership and Motivation			<ul style="list-style-type: none"> •Theories of Leadership •Types of Leaders Motivation 	<ul style="list-style-type: none"> •Theories of motivation –Maslow’s Hierarchy Theory •Herzberg’s theory & Theory X & Y.
				Trends in Management			<ul style="list-style-type: none"> •Management Information System •Types of Management Changes 	<ul style="list-style-type: none"> •Corporate Responsibilities •Social Responsibilities
4	B.C.A.-I	Business Communication	I	Communication Skills			<ul style="list-style-type: none"> •Process of Communications •Forms of Communication 	<ul style="list-style-type: none"> •Active Listening and Feedback •Respect for Others
				Listening Skills			<ul style="list-style-type: none"> •Difference between hearing and listening •Types of Listening 	<ul style="list-style-type: none"> •Non-Judgment and Open-Mindedness •Patience and Understanding
				Business Correspondence			<ul style="list-style-type: none"> •Types of business letters •E-mail correspondence 	<ul style="list-style-type: none"> •Stronger relationships with customers, clients, and stakeholders •Increased trust and credibility
				Presentation Skills			<ul style="list-style-type: none"> •Business Presentations, •Seminar Presentations 	<ul style="list-style-type: none"> •Strategies for effective presentations •Audio visual aids in presentation
5	B.C.A.-I	Office Automation	I	Internet & Advanced Communication			<ul style="list-style-type: none"> •History of Internet •Social Networking sites 	<ul style="list-style-type: none"> •Global understanding and unity •Empowerment through knowledge and information
				Introduction to MS Word			<ul style="list-style-type: none"> •Working with Documents •Formatting Documents 	<ul style="list-style-type: none"> •Effective communication and collaboration •Creativity and self-expression
				Introduction to Open Office – WRITER			<ul style="list-style-type: none"> •The Writer interface •Using built-in language tools 	<ul style="list-style-type: none"> •Empowerment and autonomy •Accessibility and inclusivity
				Introduction to Power Point			<ul style="list-style-type: none"> •Formatting a Presentation •Introduction to Open Office- Impress 	<ul style="list-style-type: none"> •Creativity and self-expression •Clarity and conciseness



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6	B.C.A.-I	DBMS	II	Introduction of DBMS			<ul style="list-style-type: none"> •Basic Concepts of Database •Structure of DBMS 	<ul style="list-style-type: none"> •Accurate and reliable data management •Secure and private data protection
				Data Models			<ul style="list-style-type: none"> •DFS,ERD and Data Models •Types of Normalization 	<ul style="list-style-type: none"> •Flexible and adaptable data management •Consistent and standardized data practices
				Database Management through Ms-Access			<ul style="list-style-type: none"> •Introduction to MS-Access •Case Studies using SQL 	<ul style="list-style-type: none"> •Responsible and accountable data management •Continuous learning and improvement
				Organization of Database System			<ul style="list-style-type: none"> •Organization of Files •Types of Database System 	<ul style="list-style-type: none"> •Empathy and Understanding •Responsible and accountable data management
7	B.C.A.-I	Operating System	II	Introduction of Operating System			<ul style="list-style-type: none"> •Generations of OS •Types of OS 	<ul style="list-style-type: none"> •Efficient and productive computing practices •Secure and private computing environments
				Process Management			<ul style="list-style-type: none"> •Introduction to Processes •Process states 	<ul style="list-style-type: none"> •High-quality outcomes and excellence •Innovative and adaptable processes
				Memory Management			<ul style="list-style-type: none"> •Memory Management Requirements •Memory Partitioning 	<ul style="list-style-type: none"> •Efficient and optimized memory usage •Secure and private data protection
				File System			<ul style="list-style-type: none"> •File types •Difference between Windows and Linux OS 	<ul style="list-style-type: none"> •Organized and structured file management •Secure and private file storage
				Introduction - Internet & Website			<ul style="list-style-type: none"> •Types of Protocols and Websites •Web Development Life Cycle 	<ul style="list-style-type: none"> •Global understanding and unity •Access to information and knowledge
				HTML and CSS			<ul style="list-style-type: none"> •Limitations of HTML •Types of CSS 	<ul style="list-style-type: none"> •Accessible and inclusive web design •Creative and diverse web development



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8	B.C.A.-I	Web Technology I	II	JAVA Script			<ul style="list-style-type: none"> ● Client-side and Server-side scripting ● Form Validation 	<ul style="list-style-type: none"> ● Efficient and productive coding practices ● Continuous learning and growth in web development
				HTML 5			<ul style="list-style-type: none"> ● Introduction to HTML5 ● Web Forms 2.0 	<ul style="list-style-type: none"> ● Creative and innovative web development ● Organized and maintainable code
		Financial Accounting with Tally	II	Introduction to Financial Accounting			<ul style="list-style-type: none"> ● Accounting Terminologies ● Golden rules of accounting 	<ul style="list-style-type: none"> ● Responsible and accountable financial management ● Objective and unbiased financial information
				Preparation of Financial Statements			<ul style="list-style-type: none"> ● Preparation of Trial Balance ● Profit and Loss Account 	<ul style="list-style-type: none"> ● Objective and unbiased financial reporting ● Compliant and governed financial practices
9	B.C.A.-I	Accounting with Tally	II	Introduction to Tally			<ul style="list-style-type: none"> ● Tally Fundamentals ● Gateway of Tally 	<ul style="list-style-type: none"> ● Simplified and accessible financial management ● Innovative and adaptable business solutions
				Report Generation in Tally			<ul style="list-style-type: none"> ● Tally ODBC ● Objectives of GST 	<ul style="list-style-type: none"> ● Accurate and reliable financial data ● Insightful and informative financial analysis
				SETS			<ul style="list-style-type: none"> ● Methods of describing of a set ● Relations and Functions 	<ul style="list-style-type: none"> ● Curious and lifelong learning ● Precise and reliable outcomes
				Logic			<ul style="list-style-type: none"> ● Construction of truth tables ● Laws of logic 	<ul style="list-style-type: none"> ● Consistent and coherent arguments ● Intellectually honest and humble inquiry



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10	B.C.A.-I	Mathematical Foundations for Computer Applications	II	Matrices			<ul style="list-style-type: none"> •Types of matrices •Algebra of Matrices 	<ul style="list-style-type: none"> •Precision in Representation •Matrices become a powerful tool for problem-solving and decision-making
				Graphs			<ul style="list-style-type: none"> •Types of Graph •Operation on Graph 	<ul style="list-style-type: none"> •Data-driven decision-making •Creative and innovative problem-solving
11	B.C.A.-II	Web Technology	III	Introduction - Internet & Website			<ul style="list-style-type: none"> •Types of Websites •Web Development Life Cycle 	<ul style="list-style-type: none"> •Innovative and creative solutions •Lifelong learning and education
				HTML and CSS			<ul style="list-style-type: none"> •Types of CSS •Advantages and Limitations of CSS 	<ul style="list-style-type: none"> •Accessible and inclusive digital experiences •Creative and self-expressive web development
				JAVA Script			<ul style="list-style-type: none"> •Event Handling •Form Validation 	<ul style="list-style-type: none"> •Creative and innovative web development •Effective problem-solving and resourcefulness
				HTML 5			<ul style="list-style-type: none"> •HTML5 Drag & Drop •Web Forms 2.0 	<ul style="list-style-type: none"> •Accessible and inclusive web design •Efficient and streamlined coding practices
				Introduction to Computer Network			<ul style="list-style-type: none"> •Components of Computer Networks •Classification of Computer Network 	<ul style="list-style-type: none"> •Accessible and inclusive information sharing •Reliable and trustworthy data transfer
				Data Transmission & Topologies			<ul style="list-style-type: none"> •Data Communication and Transmission •Transmission Medias 	<ul style="list-style-type: none"> •Scalable and flexible network design •Secure and private data protection



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12	B.C.A.-II	Computer Network and Internet	III	OSI Model and TCP/IP			<ul style="list-style-type: none"> ●TCP/IP Model ●OSI Model 	<ul style="list-style-type: none"> ●Standardized and interoperable communication ●Innovative and progressive technology adoption
				Internet and Web			<ul style="list-style-type: none"> ●Evolution of Internet ●Internet security threats and security solutions 	<ul style="list-style-type: none"> ●Global understanding and unity ●Empowered information sharing and knowledge
13	B.C.A.-II	Data Structure using C	III	Introduction to Data Structures			<ul style="list-style-type: none"> ●Data structures and its types ●Data structures operations 	<ul style="list-style-type: none"> ●Efficient and effective data management ●Creative and innovative problem-solving
				Sorting and Searching Methods			<ul style="list-style-type: none"> ●Types of Sorting ●Types of Searching 	<ul style="list-style-type: none"> ●Efficient and productive data management ●Organized and structured data
				Stacks and Queues			<ul style="list-style-type: none"> ●Stack and It's operations ●Stack and It's operations 	<ul style="list-style-type: none"> ●Ordered and disciplined data processing ●Efficient and productive data management
				Linked Lists			<ul style="list-style-type: none"> ●Implementation of Linked List ●Trees and It's Types 	<ul style="list-style-type: none"> ●Connected and interdependent data structures ●Flexible and adaptable data handling
				Introduction to Statistics			<ul style="list-style-type: none"> ●Scope of Statistics ●Frequency Distribution by Graphs 	<ul style="list-style-type: none"> ●Contextually aware and informed decision-making ●Curious and inquiring approaches to data
				Measures of Central Tendency and Dispersion			<ul style="list-style-type: none"> ●Measures of central Tendency (Averages) ●Measures of Dispersion (Variability) 	<ul style="list-style-type: none"> ●Fair and balanced data summarization ●Insightful and informative data interpretation



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14	B.C.A.-II	Elements of Statistics	III	Analysis of Bivariate Data			<ul style="list-style-type: none"> •Types of Correlation •Concept of Regression 	<ul style="list-style-type: none"> •Curious and exploratory approaches to data •Effective communication and collaboration
				Sampling Techniques and Time Series Analysis			<ul style="list-style-type: none"> •Sampling Techniques •Time Series 	<ul style="list-style-type: none"> •Efficient and practical data analysis •Transparent and accountable methodologies
15	B.C.A.-II	Human Resource Management and Materials Management	III	Human Resource Management			<ul style="list-style-type: none"> •Human Resources •PlanningPromotion and Demotion Policy 	<ul style="list-style-type: none"> • Fair and equitable treatment of employees •Compassionate and empathetic leadership
				Performance Appraisal, Training and Development, Wage and salary Administration			<ul style="list-style-type: none"> •Training and Development •Wage and Salary Administration 	<ul style="list-style-type: none"> • Performance Appraisal •Wage and Salary Administration
				Introduction to Material Management			<ul style="list-style-type: none"> •Challenges in Material Management •Role of Computer in Material Management 	<ul style="list-style-type: none"> •Considering the environmental impact of material sourcing and usage •Ensuring fair and honest practices in material procurement and management
				Purchasing & Inventory Management			<ul style="list-style-type: none"> •Purchasing Cycle •Vendor Managed Inventory 	<ul style="list-style-type: none"> •Working with suppliers, stakeholders, and team members •Meeting internal and external customer needs
16	B.C.A.-II	RDBMS	IV	Introduction to RDBMS			<ul style="list-style-type: none"> •Concept of DBMS and RDBMS •Database Protection 	<ul style="list-style-type: none"> •RDBMS professionals can create efficient, secure, and reliable database systems. •Collaborating with developers, analysts, and other stakeholders to ensure effective database integration
				Basics of MySQL			<ul style="list-style-type: none"> •DDL,DML,DCL,TCL Commands •Functions in MySQL 	<ul style="list-style-type: none"> •Structuring databases and tables in a logical and systematic way •Carefully managing data types, indexing, and constraints



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				Subqueries and Joins in MySQL			<ul style="list-style-type: none"> ● Concepts and Types of Join ● Creating Subqueries 	<ul style="list-style-type: none"> ● Breaking down complex data relationships into manageable parts. ● Troubleshooting and resolving subquery and join issues.
				MySQL Control Statements and Stored Procedures			<ul style="list-style-type: none"> ● Stored Procedures ● Cursors and Triggers 	<ul style="list-style-type: none"> ● Structuring procedures in a logical and systematic way. ● Creating reusable procedures to reduce code duplication
17	B.C.A.-II	Software Engineering	IV	Introduction to Software Engineering			<ul style="list-style-type: none"> ● SDLC ● Software process models 	<ul style="list-style-type: none"> ● Ensuring accuracy and precision in software design and development. ● Taking ownership of code quality, testing, and maintenance
				Requirement Engineering			<ul style="list-style-type: none"> ● Requirement Elicitation Techniques ● Software Requirement Specification 	<ul style="list-style-type: none"> ● Taking ownership of requirement quality, accuracy, and completeness. ● Staying updated with new technologies, methodologies, and best practices
				Analysis and System Design Tools			<ul style="list-style-type: none"> ● Data Flow Diagrams ● Input and Output Design 	<ul style="list-style-type: none"> ● Structuring and categorizing information for easy understanding. ● Maintaining consistency across diagrams, models, and documentation.
				Software Testing and Software Quality Assurance			<ul style="list-style-type: none"> ● Types of Testing activities and SQA plan. ● SQA 	<ul style="list-style-type: none"> ● Carefully examining software behavior and output ● Remaining impartial in testing and defect reporting



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18	B.C.A.-II	DOT NET Technology	IV	Introduction to .NET Framework			<ul style="list-style-type: none"> ●Architecture of DOT NET Framework ●Visual studio .NET IDE 	<ul style="list-style-type: none"> ●Ensuring consistent and reliable performance in .NET applications. ●Developers can create efficient, effective, and reliable software solutions that meet user needs and expectations.
				C# Basics			<ul style="list-style-type: none"> ●Parameter Passing Mechanism ●Boxing & Unboxing 	<ul style="list-style-type: none"> ●Ensuring accuracy and precision in code syntax and logic. ●Finding innovative solutions to programming challenges
				ASP .NET			<ul style="list-style-type: none"> ●Web Form Life Cycle ●Validation and Navigational Controls 	<ul style="list-style-type: none"> ●Embracing new technologies and frameworks like ASP .NET. ●Striving for elegant, simple solutions to complex problems
				ADO.NET			<ul style="list-style-type: none"> ●Connected and ●Disconnected Architecture Data binding using ADO.net 	<ul style="list-style-type: none"> ●Optimizing data access and manipulation for better performance. ●Ensuring consistent and reliable data access and manipulation
19	B.C.A.-II	Entrepreneurship Development	IV	Introduction to Entrepreneurship			<ul style="list-style-type: none"> ●Types of Entrepreneurs ●Role of Entrepreneurship in Economic Development 	<ul style="list-style-type: none"> ●Leveraging available resources and finding creative solutions ●Building strong teams and partnerships
				Business Opportunity Identification			<ul style="list-style-type: none"> ●Sources of Information and Environmental Analysis. ●Business Opportunity identification and selection 	<ul style="list-style-type: none"> ●Exploring new markets, trends, and technologies. ●Generating innovative ideas and solutions
				Business Plan Preparation and Project Finance			<ul style="list-style-type: none"> ●Types of Finance ●Start-up and Make-in-India Program 	<ul style="list-style-type: none"> ●Exercising caution and careful consideration in financial decisions. ●Envisioning future possibilities and opportunities



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				Digital Entrepreneurship			<ul style="list-style-type: none"> ●Creating a Digital ●Business Design 	<ul style="list-style-type: none"> ●Embracing lifelong learning and self-improvement. ●Prioritizing environmental and social responsibility
20	B.C.A.-III	Java Programming	V	Java Fundamentals			<ul style="list-style-type: none"> ●Object-Oriented Programming using Java ●Memory Management 	<ul style="list-style-type: none"> ●Ensuring secure coding practices and data protection. ●Staying updated with new Java features and advancements.
				Inheritance, Polymorphism and Encapsulation			<ul style="list-style-type: none"> ●Types of inheritance ●Types of Polymorphism 	<ul style="list-style-type: none"> ●Developers can create robust, flexible, and maintainable software solutions. ●Focusing on essential features and hiding non-essential details
				Package, Multithreading and Exception handling			<ul style="list-style-type: none"> ●Introduction of Exception ●Thread Life Cycle 	<ul style="list-style-type: none"> ●Gracefully handling unexpected errors and exceptions. ●Prioritizing maintainable, readable, and efficient code
				AWT, SWING (JFC)			<ul style="list-style-type: none"> ●Components of AWT ●Components of Swing 	<ul style="list-style-type: none"> ●Providing a simple and intuitive API for GUI development. ●Providing clear and timely feedback to users through UI components
				Data Warehousing			<ul style="list-style-type: none"> ●Data warehouse architecture ●Cleanup & transformation tools 	<ul style="list-style-type: none"> ●Presenting data in a user-friendly and understandable format. ●Regularly auditing and monitoring data warehouse performance
				Data Mining			<ul style="list-style-type: none"> ●KDD process ●Data mining Tasks 	<ul style="list-style-type: none"> ●Designing data mining solutions to scale with growing data needs. ●Ensuring high-quality data for accurate insights.



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21	B.C.A.-III	Data Warehousing and Data Mining	V	Data Mining techniques			<ul style="list-style-type: none"> • Set and Association Rule of Mining • Classification and Prediction 	<ul style="list-style-type: none"> • Identifying similarities between data points. • Identifying outliers and anomalies.
				Cluster Analysis			<ul style="list-style-type: none"> • Types of Data in Cluster Analysis • Partitioning Methods 	<ul style="list-style-type: none"> • Exploring data to discover new patterns and relationships, reflecting a sense of adventure and curiosity. • Gaining insights into customer behavior, showing a commitment to knowledge and understanding.
22	B.C.A.-III	IT Security	V	Introduction to IT Security			<ul style="list-style-type: none"> • IT Assets • Information security dimensions 	<ul style="list-style-type: none"> • Taking responsibility for IT security decisions and actions. • Identifying and mitigating potential risks and threats.
				Security Threats			<ul style="list-style-type: none"> • Security Attacks • Security Threats 	<ul style="list-style-type: none"> • Continuously improving security threat responses. • Preparing for potential security threats and incidents.
				IT Security Control Measures			<ul style="list-style-type: none"> • Intrusion Detection and Prevention System • Control Measures for Internet Security 	<ul style="list-style-type: none"> • Ensuring precise and accurate security configurations. • Controlling user access to sensitive information and systems.
				IT Act and Security Standards			<ul style="list-style-type: none"> • Amendments in IT Act • Cyber security standards 	<ul style="list-style-type: none"> • Staying updated with emerging threats and technologies. • Continuously improving IT security and compliance measures.
				Introduction to Python			<ul style="list-style-type: none"> • Introduction to Spyder IDE • Applications of Python 	<ul style="list-style-type: none"> • Persisting through challenges and errors in Python programming. • Staying updated with new Python developments and libraries.



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23	B.C.A.-III	Python Programming	V	Control Flow and Loops			<ul style="list-style-type: none"> • Conditional and Looping Statements • Function and it's Types 	<ul style="list-style-type: none"> • Refactoring control flow and loops for improvement. • Optimizing control flow and loops for performance
				Lists, Tuples, Dictionaries and Set			<ul style="list-style-type: none"> • Creating Lists and Tuples • Working with Dictionaries and Sets 	<ul style="list-style-type: none"> • Utilizing dictionaries for dynamic data storage. • Protecting data with tuple immutability.
				Modules, Files I/O, GUI			<ul style="list-style-type: none"> • Creating Modules • Types of I/O Files 	<ul style="list-style-type: none"> • Sharing data through file I/O for collaboration. • Designing visually appealing GUI for engagement.
24	B.C.A.-III	Digital Marketing	V	Digital Marketing			<ul style="list-style-type: none"> • Digital Marketing Plan • Digital Marketing Strategy 	<ul style="list-style-type: none"> • Establishing trust with audience through digital marketing. • Personalization: Personalizing digital marketing efforts for individual audience members.
				Search Marketing			<ul style="list-style-type: none"> • Basics of Search marketing • SEO and SEM 	<ul style="list-style-type: none"> • Creating high-quality, engaging, and informative content. • Optimizing search results for local users and businesses.
				Types of Digital Marketing			<ul style="list-style-type: none"> • Mobile Marketing • Social Media Marketing 	<ul style="list-style-type: none"> • Continuous improvement. • Data-driven decision making.
				Affiliate Marketing			<ul style="list-style-type: none"> • Types of Affiliate Marketing • Future of Digital Marketing 	<ul style="list-style-type: none"> • Maintaining professionalism in affiliate marketing efforts. • Ensuring affiliate marketing efforts align with ethical standards.



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25	B.C.A.-III	Cloud Computing	VI	Introduction to Cloud Computing			<ul style="list-style-type: none"> Architecture of Cloud Computing Types of Cloud 	<ul style="list-style-type: none"> Encouraging creativity and innovation through cloud-based solutions. Offering affordable and efficient cloud solutions.
				Virtualization			<ul style="list-style-type: none"> Implementation Levels of Virtualization Virtualization Structure 	<ul style="list-style-type: none"> Remote work and flexible work arrangements. Accessibility for people with disabilities.
				Cloud Computing Services			<ul style="list-style-type: none"> Working with Paas, Saas and Daas Specialized Cloud Services 	<ul style="list-style-type: none"> Education and training through cloud-based learning environments. Healthcare through cloud-based medical services and telemedicine
				Cloud Computing Applications			<ul style="list-style-type: none"> Education Applications Entertainment Applications 	<ul style="list-style-type: none"> Promoting eco-friendly and sustainable cloud practices. Providing clear and open communication about cloud applications.
26	B.C.A.-III	Android Programming	VI	Introduction to Mobile Operating System			<ul style="list-style-type: none"> Mobile Operating System Types of Mobile Applications 	<ul style="list-style-type: none"> Designing mobile operating systems with user needs in mind. Ensuring consistent and dependable mobile operating systems.
				Android Development Environment			<ul style="list-style-type: none"> Android Architecture Android Project Structure 	<ul style="list-style-type: none"> Encouraging innovative and creative app development. Designing apps with user needs and experiences in mind.
				Android Application Framework			<ul style="list-style-type: none"> Activities and Activity Life Cycle Android API Levels 	<ul style="list-style-type: none"> Providing flexible and adaptable framework components. Ensuring framework scalability for diverse app needs.



Sr. No.	Name of the Course	Title of Paper	Sem.	Name of the Unit	Details of Cross Cutting Issues relevant with			
					Gender Awareness	Environmental Awareness	Professional Ethics	Human Values
				Basic UI design			<ul style="list-style-type: none"> Form Widgets Introduction to SQLite Programming 	<ul style="list-style-type: none"> Providing clear and timely feedback to user interactions. Designing UI that shows understanding and compassion for user needs
27	B.C.A.-III	M - Commerce	VI	E-Commerce			<ul style="list-style-type: none"> Need of E-commerce E-commerce Models 	<ul style="list-style-type: none"> Job creation and economic development. Accessibility to products and services for diverse user
				Mobile Commerce			<ul style="list-style-type: none"> Applications of M-commerce E-commerce vs. M-commerce 	<ul style="list-style-type: none"> Access to information and education. Community building and social connections.
				Mobile Commerce: Theory and Applications			<ul style="list-style-type: none"> The Wireless Application Protocol The Role of Mobile Advertising In Building A Brand 	<ul style="list-style-type: none"> Mobile commerce security and risk management. Future trends and innovations in mobile commerce.
				Mobile Commerce Security			<ul style="list-style-type: none"> Security threats in M-commerce Control Measures in M-commerce 	<ul style="list-style-type: none"> Protecting user data and maintaining confidentiality. Preventing unauthorized access and cyber threats.



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(Mr. Akshay Swami)

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