A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
B.Com.(C.A.)
PROGRAMME OUTCOMES
2023-2024

Students of Undergraduate Programmes (B. Sc, B. Com, BA) at the time of graduation will be able to:

PO1: Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

PO2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in at least one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO5: Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Problem solving skills: Identify, formulate, and analyse complex problems, reaching substantiated conclusions by applying the knowledge and skills acquired during undergraduate study for the welfare of individuals and society.

PO8: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO9: Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

PO10: Higher Progression, Employability and Entrepreneurship: Progress towards higher education / become potential workforce by enhancing employability through skill-based education / become good entrepreneurs.

PROGRAMME SPECIFIC OUTCOMES

PSO1: Gain foundation and incremental knowledge in different areas of Commerce.

PSO2: Develop basic understanding of conceptual and functional knowledge of software commonly used in academic and professional environments.

PSO3: Provide technical support and computing leverages for improved communication in Office and Business management.

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COURSE OUTCOMES
2023-2024

S.No.	Admitted Batch	Year	Semester	Course Code	Title of the Paper	Course Outcomes
1	2023-2024	I	I	BCOM23101	FUNDAMENTALS OF COMMERCE	**CO1:** Identify the role commerce in Economic Development and Societal Development. Equip with the knowledge of imports and exports and Balance of Payments. **CO2:** Develop the skill of accounting and accounting principles. **CO3:** Acquire knowledge on micro and micro economics and factors determine demand and supply. **CO4:** Understand Indian Tax system and various taxes levied on in India. **CO5:** Acquire skills on web design and digital marketing.
2	2023-2024	I	I	BCOM23102	BUSINESS ORGANISATION	**CO1:** Ability to understand the concept of Business Organization along with the basic laws and norms of Business Organization. **CO2:** Ability to understand the terminologies associated with the field of Business Organization along with their relevance and to identify the appropriate types and functioning of Business Organization for solving different problems. **CO3:** Ability to apply Business Organization principles to solve business and industry related problems and to understand the concept of Sole Proprietorship, Partnership and Joint Stock Company etc.

3	2023-2024	I	II	OAT23202	OFFICE AUTOMATION TOOLS	**CO1:** Understand concept of Word Processor and use its features. **CO2:** Make use of advanced features of Ms-Word to make day to day usage easier. **CO3:** Apply Formatting Techniques to Worksheets **CO4:** Create and customize the work sheets and user advanced feature of Excel. **CO5:** Make use of presentations and inserting multimedia in them.
4	2023-2024	I	II	M-CA23201	OFFICE AUTOMATION TOOLS	**CO1:** Understand concept of Word Processor and use its features. **CO2:** Make use of advanced features of Ms-Word to make day to day usage easier. **CO3:** Apply Formatting Techniques to Worksheets **CO4:** Create and customize the work sheets and user advanced feature of Excel. **CO5:** Make use of presentations and inserting multimedia in them.
5	2022-2023	II	III	PC2023204	PROGRAMMING with C & C++	**CO1:** Develop programming skills in C and C++ **CO2:** Learn the syntax and semantics of programming languages C and C++ **CO3:** Ability to work with textual information (characters and strings) & arrays **CO4:** Understand functional hierarchical code organization **CO5:** Evaluate comparisons and limitations of the various programming constructs and choose correct one for the task in hand.

6	2022-2023	II	IV	DBMS204207	DATABASE MANAGEMENT SYSTEMS	**CO1:** Understand the role of a database management system in an organization. **CO2:** Understand basic database concepts, including the structure and operation of the relational data model. **CO3:** Understand and successfully apply logical database design principles, including E- R diagrams and database normalization **CO4:** To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modelling, designing, and implementing a DBMS using SQL **CO5:** Perform PL/SQL programming
7	2021-2022	III	V	BDA205207-6A	BIG DATA ANALYTICS USING R	**CO1:** Understand data and classification of digital data. **CO2:** Understand Big Data Analytics. **CO3:** Load data in to R. **CO4:** Organize data in the form of R objects and manipulate them as needed. **CO5:** Perform analytics using R programming.
8	2021-2022	III	V	DSP2052087A	DATA SCIENCE USING PYTHON	**CO1:** Understand basic concepts of data science **CO2:** Understand why python is a useful scripting language for developers. **CO3:** Use standard programming constructs like selection and repetition. **CO4:** Use aggregated data (list, tuple, and dictionary). **CO5:** Implement functions and modules.

9	2021-2022	III	V	MAD205207-6C	MOBILE APPLICATION DEVELOPMENT	**CO1:** Identify basic terms, tools and software related to android systems **CO2:** Describe components of IDE, understand features of android development tools **CO3:** Describe the layouts and controls and identify the significance of displays using the given view **CO4:** Explain the features of services and able to publish android Application **CO5:** Developing interesting Android applications using MIT App Inventor
10	2021-2022	III	V	CMA205208-7C	CYBER SECURITY AND MALWARE ANALYSIS	**CO1:** Understand the computer networks, networking tools and cyber security **CO2:** Learn about NIST Cyber Security Framework **CO3:** Understand the OWASP Vulnerabilities **CO4:** Implement various Malware analysis tools **CO5:** Understand about Information Technology act 2000
11	2021-2022	III	V		E– COMMERCE APPLICATION DEVELOPMENT	**CO1:** To apply in an integrative and summative fashion the students' knowledge in all fields of business studies by drafting a website presence plan. **CO2:** To understand the factors needed in order to be a successful in ecommerce **CO3:** To gain the skills to bring together knowledge gathered about the different components of building a web presence **CO4:** To critically think about problems and issues that might pop up during the establishment of the web presence **CO5:** To apply Word Press as a content management system (CMS), Plan their website by choosing colour schemes, fonts, layouts, and more

12	2021-2022	III	V		REAL TIME GOVERNAMCE SYSTEM	**CO1:** Understand the terms regarding Governance, E-Governance and RTGS **CO2:** Learn about E-Governance Infrastructure **CO3:** Understand the E-Governance implementation in several countries **CO4:** Understand the E-Governance implementation in several Indian states **CO5:** Understand the applications of RTG
13	2021-2022	III	V		MULTIMEDIA TOOLS AND APPLICATIONS	**CO1:** Gain knowledge on the concepts related to Multimedia. **CO2:** Understand the concepts like image data representation and colour modes. **CO3:** Understand the different types of video signals and digital audio. **CO4:** Know about multimedia data compression types and audio compression standards **CO5:** Know about basic video compression techniques.
14	2021-2022	III	V		DIGITAL IMAGING	**CO1:** Gain knowledge about Types of Graphics, Types of Objects and Types of video editing tools **CO2:** Show their skills in editing and altering photographs for through a basic understanding of the tool box. **CO3:** Gain knowledge in using the layers. **CO4:** Gain knowledge in using the selection tools, repair tools.