

**GOVERNMENT ARTS AND SCIENCE COLLEGE FOR WOMEN,
BARGUR**

DEPARTMENT OF COMPUTER APPLICATIONS

PROGRAMME COURSE OUTCOME

2023-2024

SEMESTER III		
S.NO.	B.C.A	PROGRAMME COURSE OUTCOME
1	Elective Course -EC3- Financial Accounting	<ul style="list-style-type: none"> • Remember the concept of rectification of errors and Bank reconciliation statements • Apply the knowledge in preparing detailed accounts of sole trading concern • Analyse the various methods of providing depreciation • Evaluate the methods of calculation of profit • Determine the royalty accounting treatment and claims from insurance companies in case of loss of stock.
2	Skill Enhancement Course-SEC4- Introduction to HTML	<ul style="list-style-type: none"> • PO1, PO2, PO3,PO4,PO5,PO6- Knows the basic concept in HTML Concept of resources in HTML • PO1, PO2, PO3,PO4,PO5,P O6- Knows Design concept. Concept of Meta Data Understand the concept of save the files. • PO1, PO2, PO3,PO4,PO5,P O6- Understand the page formatting. Concept of list • PO1, PO2,PO3, PO4,PO5,PO6- Creating Links. Know the concept of creating link to email address • PO1, PO2,PO3, PO4,PO5,PO6- Concept of adding images Understand the table creation
3	Skill Enhancement Course-SEC5- PHP Programming	<ul style="list-style-type: none"> • PO1,PO4,PO6,PO8.- Write PHP script to handle HTML forms • PO2,PO5,PO7.- Write regular expressions including modifiers, operators, and meta characters. • PO3,PO6,PO8- Create PHP Program using the concept of array. • PO2,PO3,PO5,PO8.- Create PHP program that use various PHP library functions • PO3,PO5,PO6.- Manipulate files and directories.
SEMESTER IV		

<p>4</p>	<p>Elective Course-EC4- Cost and Management Accounting</p>	<ul style="list-style-type: none"> • Remember and recall standards in cost accounting and management accounting • Remember and recall basics in management accounting • Apply the knowledge in contract costing and Financial Statements • Analyse the concepts relating to fund flow and cash flow • Analyze and assimilate concepts in process costing • Evaluate techniques of budgetary control • Understand various bases of classification cost and prepare operating cost statement. • Formulate criteria for decision making using principles of marginal costing • Set up standards and analyse variances.
<p>5</p>	<p>Skill Enhancement Course-SEC6- Software Testing</p>	<ul style="list-style-type: none"> • PO1- Students learn to apply software testing knowledge and engineering methods • PO1,PO2- Have an ability to identify the needs of software test automation, and define and develop test tools to support test automation. • PO4,PO6- Have an ability understand and identify various software testing problems, and solve these problems by designing and selecting software test models, criteria, strategies, and methods • PO4,PO5,PO6- Have basic understanding and knowledge of contemporary issues in software testing, such as component-based software testing problems • PO3,PO8- Have an ability to use software testing methods and modern software testing tools for their testing projects
<p>6</p>	<p>Skill Enhancement Course-SEC7- Multimedia Systems</p>	<ul style="list-style-type: none"> • PO1- understand the concepts, importance, application and the process of developing multimedia • PO1,PO2- to have basic knowledge and understanding about image related processings • PO4,PO6- To understand the framework of frames and bit images to animations • PO4,PO5,PO6- Speaks about the multimedia projects and stages of requirement phases of project.

		<ul style="list-style-type: none"> PO3,PO8- Understanding the concept of cost involved in multimedia planning, designing, and producing
SEMESTER V		
7	Elective Course–EC5- Database Management System	<ul style="list-style-type: none"> PO1- Understand the various basic concepts of database System. Difference between file system and dbms And compare various data models. PO1,PO2- Define the Integrity constraints. Understand The Basic concepts of relational data model, Entity Relationship model. PO4,PO6- Design Database Schema Considering Normalization and Relationships Within Database. Understand And construct database using structured Query Language. Attain A Good Practical Skill Of Managing And retrieving of data using data manipulation language (DML) PO4,PO5,PO6- Classify The Different Functions And Various Join operations and enhance the knowledge of handling Multiple tables. PO3,PO8- Learn to design database operations and implement using PL/SQL Programs. Learn Basics Of PL/SQL and develop programs using Cursors, Exceptions
8	Elective Course–EC6- Internet of Things and its applications	<ul style="list-style-type: none"> PO1-Work with big data tools and its analysis techniques. PO1,PO2- Analyze data by utilizing clustering and classification algorithms. PO4,PO6- Learn and apply different mining algorithms and recommendations systems for large volumes of data. PO4,PO5,PO6- Perform analytics on data streams. PO3,PO8- Learn NoSQL databases and management.
SEMESTER VI		
9	Elective Course–EC7- SOFTWARE PROJECT MANAGEMENT	<ul style="list-style-type: none"> Understand the principles and concepts of project management Knowledge gained to train software project managers Apply software project management methodologies Able to create comprehensive project plans

		<ul style="list-style-type: none"> • Evaluate and mitigate risks associated with software development process
10	Elective Course–EC8- Information Security	<ul style="list-style-type: none"> • PO1-Understand network security threats, security services, and countermeasures • PO1,PO2-Understand vulnerability analysis of network security • PO4,PO6- Acquire background on hash functions; authentication; firewalls; intrusion detection techniques • PO4,PO5,PO6- Gain hands-on experience with programming and simulation techniques for security protocols • PO3,PO8- Apply methods for authentication, access control, intrusion detection and prevention
11	Skill Enhancement Course - SEC8- Advanced Excel	<ul style="list-style-type: none"> • PO1- Work with big data tools and its analysis techniques. • PO1,PO2- Analyze data by utilizing clustering and classification algorithms • PO4,PO6- Learn and apply different mining algorithms and recommendation systems for large volumes of data • PO4,PO5,PO6- Perform analytics on data streams • PO3,PO8- Learn No-SQL databases and management.