



**Department of Computer Science**  
**Y.A. Government College for Women**  
**Chirala - 523155, A.P.**

Re-accredited with 'B' grade by NAAC

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<https://yagcwchirala.ac.in>



**B.Com. Computer Applications (Major)**

**w.e.f AY 2023-24 onwards**

**NOTICE**

The Following are the learning outcomes, Programme specific out comes of four year B.Com Honours in Computer Applications Major program w.e.f Academic Year 2023-24 onwards. On successful completion of the programme students are able to,

**Program Outcomes**

**PO1:** Study of this program will provide wide knowledge both in commerce and Computer software applications.

**PO2:** Business software applications courses like Tally will enable the students to start a small software business of self-employment.


**PO3:** These courses have opened the floodgates in the area of computers and other core industries, and other professional studies.

**PO4:** Courses of this program provide bright future in the IT fields, Software, Banks, Companies, BPOs and KPOs.

**PO5:** This program courses consist of both theoretical as well as good practical exposures to the students in the relevant areas to meet the industries expectations.

**Programme Specific Outcomes**

1. Contribute to improve the formal language, edit and format the formal documentation, and office automation.
2. Design the various databases into sequentially with primary key into a secured format. How to link a Java application with a SQL database and conduct actions on the database table (insert, update, and delete).
3. Design the web pages and various web sites with domains.
4. Explain the process that should be followed in building an E-commerce presence. Identify the key security threats in the E-commerce environment.
5. Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure. Design, develop, test and evaluate secure software.
6. Develop policies and procedures to manage enterprise security risks. Protect the data from hackers through security applications.

  
LECTURER IN-CHARGE,  
Dept. of Computer Science,  
Y.A. GOVT. COLLEGE FOR WOMEN  
CHIRALA-523 155  
Prakasam Dist. (A.P.)

## **Course Learning Outcomes**

### **Paper 4: OFFICE AUTOMATION TOOLS**

1. Understand concept of Word Processor and use its features.
2. To use the advanced features of Ms-Word to make day to day usage easier.
3. To work comfortably with Ms-Excel Environment.
4. To create work sheets and user advanced feature of Excel.
5. To create make presentations and inserting multimedia in them.

### **Paper 7: E COMMERCE AND WEB DESIGNING**

1. Explain how to create an e-commerce website from scratch, using PHP and the Bootstrap framework.
2. Display featured products correctly on a web page, using the bootstrap system.
3. Explain how product detail models are programmed to be dynamic.

### **Paper 8: DIGITAL MARKETING**

1. Use digital media for the creation of products and services and relate Search Engines in the digital marketing ecosystem.
2. Use Search Engine Marketing for advertisements and know the Social Media platforms like Face book, Twitter, YouTube & LinkedIn for Marketing.
3. Outline email Marketing and strategy to craft email marketing campaign.

### **Paper 11: DATABASE MANAGEMENT SYSTEM WITH ORACLE**

1. An ability to apply Knowledge of computing and mathematics in Computer Science &Engineering.
2. They will analyze a problem, identify and define the computing requirements appropriate to its solution.
3. An ability to design, implement and evaluate a computer-based system to meet desired needs with appropriate societal considerations.
4. The will have knowledge on to conduct investigations, interpret data and provide conclusions in investigating complex problems related to Computer Science & Engineering.

### **Paper 14: CYBER SECURITY**

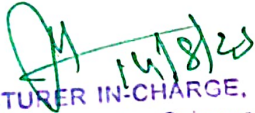
1. Analyze and evaluate the cyber security needs of an organization.
2. Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation. Measure the performance and troubleshoot cyber security systems.
3. Implement cyber security solutions and use of cyber security, information assurance, and cyber / computer forensics software/tools.
4. The Learner will develop an understanding of security policies (such as confidentiality, integrity, and availability) and protocols to implement such policies and will gain familiarity with prevalent network and distributed system attacks, defenses against them, and forensics to investigate the aftermath.


## **Paper 15: Mobile Application Development Using Android**

1. Identify various concepts and features of Android operating system.
2. Configure Android environment and development tools.
3. Develop rich user Interfaces by using layouts and controls. Use User Interface components for android application development.
4. Create Android application using database. Publish Android applications.

## **Paper 15: BLOCK CHAIN TECHNOLOGY**

1. Identify various types of Software Architecture and understand types of Cryptography.
2. Improve knowledge in understanding underlying technologies in Block Chain Technologies.
3. Understand the storage methods and advantages and have knowledge on the applications of Block Chain

  
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Principal  
Y.A. Govt. Degree College for Women  
CHIRALA, Prakasam Dist., (A.P.)

AY 2024-25


Declaration by student about P.Os/P.S.Os/C.Os

This is to certify that the Program Outcomes, Program Specific Outcomes and Course Outcomes of B.Com., Program with Honours group, Computer Applications as one of the core courses or explained to me. I have joined to this course after knowing are getting awareness on the learning outcomes of this course only.

Sl. No.	Name of the Student	Mobile No.	Group	Student Signature
1	VALAPARLA SRILEKHA	8977085811	B.COM (CA) Honours	V. Srilekha
2	GORREMUTCHU HARIKA	8143343432	B.COM (CA) Honours	G. Harika
3	BORUGADDA SIRISHA	7416615160	B.COM (CA) Honours	B. Sirisha
4	UMMADISETTI JYOTHIKA	8519936254	B.COM (CA) Honours	U. Jyothika
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