



## **ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION**

**(A Statutory body of the Government of Andhra Pradesh)**

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### **REVISED SYLLABUS OF B Com (COMPUTER APPLICATIONS)**

**UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-21**

#### **PROGRAMME: THREE-YEAR B Com(Computer Applications)**

*FOR*  
*Computer Application Papers/Titles*

*(With Learning Outcomes, Unit-wise Syllabus, References, Co-curricular Activities &  
Model Q.P.)*

*For Fifteen Courses of 1, 2, 3 & 4 Semesters)*

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**CBCS – UG SYLLABUS SUBJECT REVIEW COMMITTEE**  
(w.e.f. 2020-21 Admitted Batch)

**PROGRAMME: Three-Year BCom(Computer Applications)**

**Domain Subject: Commerce (Computer Applications)**

*(Syllabus with Outcomes, Co-curricular Activities, References for Fifteen Courses of 1, 2, 3 & 4 Semesters)*

**Structure of B.Com (Computer Applications) Programme under Revised CBCS**

Sl. No	Code	Sem	Courses	Name of Course (Each Course consists 5 Units with each Unit having 12 hours of class-work)	Hours/ Week	Credits	Marks	
							Mid Sem	Sem End
1		I	1A	Fundamentals of Accounting	5	4	25	75
2		I	1B	Business Organization and Management	5	4	25	75
3		I	1C	<b>Information Technology</b>	3T + 2P	3 +1	25	50T+25P
4		II	2A	Financial Accounting	5	4	25	75
5		II	2B	Business Economics	5	4	25	75
6		II	2C	<b>E-commerce and Web Designing</b>	3T + 2P	3 +1	25	50T+25P
7		III	3A	Advanced Accounting	5	4	25	75
8		III	3B	Business Statistics	5	4	25	75
9		III	3C	<b>Programming with C &amp; C++</b>	3T + 2P	3 +1	25	50T+25P
10		IV	4A	Corporate Accounting	5	4	25	75
11		IV	4B	Cost and Management Accounting	5	4	25	75
12		IV	4C	Income Tax	5	4	25	75
13		IV	4D	Business Laws	5	4	25	75
14		IV	4E	Auditing	5	4	25	75
15		IV	4F	<b>Data Base Management System</b>	3T + 2P	3 +1	25	50T+25P
<b>Total</b>					<b>75</b>	<b>60</b>	<b>375</b>	<b>1125</b>

*Syllabus Approved*  
  
6/1/21

*A. Madhan*  
16/1/21

**PROGRAMME: THREE-YEAR DEGREE**

**B Com (Computer Applications)**

**Domain Subject: Commerce**

Semester-wise Syllabus under CBCS(w.e.f. 2020-21 Admitted Batch)

**I Year B Com (CA), Semester- I**

**Discipline: COMPUTER APPLICATIONS**

**Course 1A:Information Technology**

**Model Outcomes:**

At the end of the course, the students is expected to DEMONSTRATE the following cognitive abilities (thinking skill) and psychomotor skills.

*A. Remembers and states in a systematic way (Knowledge)*

1. Describe the fundamental hardware components that make up a computer's hardware and the role of each of these components
2. understand the difference between an operating system and an application program, and what each is used for in a computer
3. Use technology ethically, safely, securely, and legally
4. Use systems development, word-processing, spreadsheet, and presentation software to solve basic information systems problems

*B. Explains (Understanding)*

5. Apply standard statistical inference procedures to draw conclusions from data
6. Retrieve information and create reports from databases
7. Interpret, produce, and present work-related documents and information effectively and accurately

*C. Critically examines, using data and figures (Analysis and Evaluation\*\*)*

8. Analyse compression techniques and file formats to determine effective ways of securing, managing, and transferring data
9. Identify and analyse user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing based systems.
10. Analyse a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

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11. Identify and analyse computer hardware, software

D. Working in 'Outside Syllabus Area' under a Co-curricular Activity(Creativity)

Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

E. Efficiently learn and use Microsoft Office applications.

## Syllabus:

### Course 1C :Information Technology

(Five units with each unit having 12 hours of class work)

#### Unit

#### Details

##### I Introduction:

Computer Definition - Characteristics and Limitations of Computer Hardware—  
Generations of Computer, Classification of Computers, Applications of  
Computer, Basic Components of PC, Computer Architecture - Primary and  
Secondary Memories- Input and Output Devices- Operating System- Function of  
Operating System- Types of Operating System- Languages and its Types

##### II MS word:

Word Processing – Features-Advantages and Applications- Parts of Word Window-  
Toolbar-Creating, Saving, Closing, Opening and Editing of a Document-Moving and  
Coping a Text-Formatting of Text and Paragraph- Bullets and Numbering-Find and  
Replace - Insertion of objects-Headers and Footers- Page Formatting- Auto Correct-  
Spelling and Grammar- Mail Merge- Macros

##### III MS Excel:

Features – Spread Sheet-Workbook – Cell-Parts of a window-Saving, Closing,  
Opening of a Work Book – Editing – Advantages – Formulas- Types of Function-

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Templates – Macros – Sorting- Charts – Filtering – Consolidation – Grouping- Pivot Table

**IV MS Power point:**

Introduction – Starting – Parts-Creating of Tables- Create Presentation – Templates- Auto Content Wizard-Slide Show-Editing of Presentation-Inserting Objects and charts

**V MS Access:**

Orientation to Microsoft Access - Create a Simple Access Database - Working with Table Data - Modify Table Data - Sort and Filter Records - Querying a Database - Create Basic Queries - Sort and Filter Data in a Query - Perform Calculations in a Query - Create Basic Access Forms - Work with Data on Access Forms - Create a Report - Add Controls to a Report - Format Reports

**Learning Resources (Course 1C:Information Technology)**

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**References:**

- (1) P.Mohan computer fundamentals- HimalayaPublications.
- (2) R.K.Sharma and Shashi K Gupta, Computer Fundamentals - Kalyani Publications
- (3) Fundamentals of Computers ByBalagurusamy, Mcgraw Hill
- (4) Computer Fundamentals Anita Goel Pearson India
- (5) Introduction to Computers Peter Norton
- (6) Fundamentals of Computers Rajaraman V Adabala N
- (7) Office 2010 All-in-One For Dummies Peter Weverka
- (8) MS-Office S.S. Shrivastava
- (9) MS-OFFICE 2010 Training Guide Prof. Satish Jain, M. Geetha, KratikaBPB Publications

**Online Resources:**

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<https://support.office.com/en-us/office-training-center>  
<https://www.skillshare.com/browse/microsoft-office>  
[https://www.tutorialspoint.com/computer\\_fundamentals/index.htm](https://www.tutorialspoint.com/computer_fundamentals/index.htm)  
<https://www.javatpoint.com/computer-fundamentalstutorial>  
<https://edu.gcfglobal.org/en/subjects/office/>  
<https://www.microsoft.com/en-us/learning/training.aspx>

**Practical Component: @ 2 hours/week/batch**

- MS word creation of documents letters invitations etc, tables, mailmerge, animations in word, formatting text
- MS Excel performing different formulas, creating charts, macros
- MS power point slide creation, creation of animation
- MS Access creation of database, forms and reports

**RECOMMENDED CO-CURRICULAR ACTIVITIES:**

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

**Measurable**

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Field studies (individual observations and recordings as per syllabus content and related areas (Individual or team activity))
5. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

**General**

1. Group Discussion
2. Visit to Software Technology parks / industries

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