



SIR C R REDDY COLLEGE FORWOMEN

CBCS / Semester System
(W. e. f 2018-2019 Admitted Batch)
B.Sc. Computer Science, B.A., B.Com.(Computer Applications)
& BCA
I Semester Syllabus
COMPUTER FUNDAMENTALS AND PHOTOSHOP

B Com	Semester : I(Computer Applications)	Credits:4
Course:06	COMPUTER FUNDAMENTALS AND PHOTOSHOP	Hrs./Wk:5

Aim and Objectives of the Course:

- This course is designed to learn about computer fundamentals.
- To learn best photo editing software tools to enhance employability skills

Course Outcomes:

After the successful completion of course, the student should have through knowledge about:

- Computer Fundamentals like Computer software, hardware, input and output devices.
- Learned about special effects like filters, pen tools, brushes.
- To Design a Logo, To Remove Background from Photos
- To Create Digital Art, GIF Animations
- To Create to Remove Distractions from Images.

UNIT-I:

10hrs

Introduction to computers: Characteristics and limitations of computer, Block diagram of computer, types of computers, uses of computers, computer generations.

Number systems: working with binary, octal, decimal and Hexa decimal numbering system.

UNIT-II:

12hrs

Input and Output devices: Keyboard and mouse, inputting data in other ways, Pointing Devices, Handheld Devices, Optical Devices, Audio-Visual Input Devices.

Output Devices: Monitors, Projectors, Speakers, Printers, Plotters.

Types of Software: system software, Application software, commercial, open source, domain and freeware software.

Memories: Primary, Secondary and cache memory. Secondary Storage Devices: Magnetic Tapes, Floppy Disks, Hard Disks.

Windows basics: Start menu, icons, MS Windows-Desktop, My Computer, My Documents, Pictures, Music, Videos, Recycle Bin, and Task Bar-Control Panel.



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Unit–III

12hrs

Introduction to Adobe photoshop: Getting started with photoshop, creating and saving a document in photoshop, page layout and back ground, photoshop program window-title bar, menu bar, option bar, image window, image title bar, status bar, ruler, palettes tool box screen modes, saving files, reverting files, closing files.

Unit–IV

14hrs

Images: working with images, image size and resolution, image editing, colour modes and adjustments, Zooming& Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image back grounds, making selections.

Working with tool box: working with pen tool, save and load selection-working with erasers-working with text and brushes- Colour manipulations: colour modes-Levels–Curves– Seeing Colour Patch tool – Cropping-Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin.

Unit-V

12hrs

Layers: Working with layers-layer styles-opacity-adjustment layers

Filters: The filter menu, working with filters- Editing your photo shoot, presentation –how to create adds, artistic filter, blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.

Menus: purpose of menus –new file- open file- print file – copying data – cut data- paste data- saving custom shape-working with modes-define brushes.

Noted:

Employability – Sky Blue

Skill – Pink

Entrepreneur - Green

Reference Books:

Fundamentals of Computers by Reema Theresa from Oxford University Press

Adobe Photoshop Class Room in a Book by Adobe Creative Team.

Photoshop: Beginner's Guide for Photoshop- Digital Photography, Photo Editing, Color Grading & Graphic...19 February 2016 by David Maxwell.

Suggested Activities:

Seminar/ Quiz/ Assignment/Group Discussion/Power Point Presentation.

Web link:

https://youtu.be/fNWda_fTozQ



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper

I SEMESTER PART –II COMPUTER SCIENCE

(w.e.f. 2018-2019)

B.Sc. Computer Science, B.A., B.Com. (Computer Applications) & BCA

COMPUTER FUNDAMENTALS AND PHOTOSHOP

SECTION – A

5 X 5 = 25 M

ANSWER ANY FIVE QUESTIONS.

1. Explain about Hexa decimal number system.
2. Explain briefly about microcomputers.
3. Explain how to change background in Photoshop.
4. Explain how to revert files in photo shop.
5. Explain briefly about patch tool in Photoshop.
6. Explain briefly about rulers in Photoshop.
7. Explain how to cut, copy and paste data in Photoshop.
8. Explain briefly about blend modes in Photoshop.

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. (a). Explain different types of computers.
(Or)
(b). what is an octal number system? Explain the procedure to convert an octal number into its binary.
- 10.(a). Explain different output devices of computer
(Or)
(b) Explain various options in Start menu.
- 11.(a). Explain different secondary storage devices.
(Or)
(b). Explain how to create, and save and close a document in Photoshop
- 12.(a). Explain how to change the image size and resolution in Photoshop.
(Or)
(b). Explain how to crop and straighten an image in Photoshop.
- 13.(a). Explain how to create, hide and delete layers in Photoshop.
(Or)
(b) Explain how to create ads in Photoshop.



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PRACTICAL SYLLABUSPHOTOSHOP BATCH@ 2 HOURS WEEK

1. Create your Visiting card
2. Create Cover page for any text book
3. Create a Paper add for advertising of any commercial agency
4. Design a passport photo
5. Create a Pamphlet for any program to be conducted by an organization
6. Create Broacher for your college
7. Create Titles for any forth coming film
8. Custom shapes creation
9. Create a Web template for your college
10. Convert color photo to black and white photo
11. Enhance and reduce the given Image size
12. Background changes
13. Design Box package cover
14. Design Texture and patterns
15. FilterS effects & Eraser effects



SIR C R REDDY COLLEGE FORWOMEN

CBCS/SEMESTERSYSTEM SEMESTER-
II: COMMON FOR BA (CA)/B.COM (CA)
(W.E.F2018-19admittedbatch)

DSC3B: ENTERPRISE RESOURCE PLANNING

B Com	Semester: II (Computer Applications)	Credits:4
Course:06	ENTERPRISE RESOURCE PLANNING	Hrs./Wk: 60

Aim and Objectives of the Course:

- To understand the basic concept of ERP Systems.
- To study the steps and activities in the ERP life cycle.
- To develop a process driven thinking toward business processes.
- To provide a contemporary and forward looking on the theory and practice of ERP technology.
- To aim at preparing the students technologically competitive and make them ready to self-upgrade with the higher technical skills.

Course Outcomes:

On completing this subject, students will be able to

- Make basic use of enterprise software and its role in integrating business functions.
- Demonstrate a good understanding of the basic issue in ERP systems.
- Design the ERP implementation Strategies.
- Understand the need of business system and processes through strategic analysis of ERP system
- To obtain practical hands-on experience with one of the ERP Software.

Unit-I:

12hrs

Introduction to ERP: Overview -Benefits of ERP -ERP and Related Technologies- Business Process Reengineering-Data Ware housing-Data Mining-On- line Analytical Processing-Supply Chain Management.

Unit-II:

14hrs

ERP Implementation: Implementation Life Cycle-Implementation Methodology- Hidden Costs-Organizing Implementation-Vendors, Consultants and Users-Contracts-



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Project Management and Monitoring.

Unit-III: **12hrs**

Business Modules: Business Modules in an ERP Package-Finance Manufacturing- Human Resource-Plant Maintenance-Materials Management -Quality Management-Sales and Distribution.

Unit-IV: **12hrs**

ERP Market- ERP Market Place-SAPAG- People Soft-Baan Company- Oracle Corporation.

Unit-V: **10hrs**

ERP Present and Future: ERP and E-Commerce-ERP and Internet-Future Directions in ERP.

Noted:

Employability – Sky Blue
Skill – Pink
Entrepreneur - Green

Reference Books:

1. Alexis Leon, “ERP Demystified”, TataMcGrawHill, 1999.
2. Joseph A. Brady, Ellen F. Monk, Bretj Wangner, “Concepts in Enterprise Resource Planning”, Thomson Learning, 2001.
3. Vinod Kumar Gargand N.K. Venkata Krishnan, “Enterprise Resource Planning-concepts and Planning”, Prentice Hall,1998.
4. JoseAntonioFemandz, “The SAPR/3Handbook”, Tata Mc Graw Hill

Suggested Activities:

Seminar/ Quiz/Assignment/Group Discussion/Power Point Presentation.

Web link:

https://youtu.be/_H59sWS

<https://youtu.be/maqBBSThuzU>



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper
II SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)
B.A., B.Com. (Computer Applications) & BCA

ENTERPRISE RESOURCE PLANNING

SECTION – A

Time: 3 Hours

MaxMarks:75

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. Write short notes on Data warehousing.
2. Explain about consultants.
3. What are the Business modules with in an ERP package?
4. Write short notes on ORACLE.
5. Explain future directions in ERP.
6. What are the phases in BPR? Explain
7. Explain manufacturing module briefly.
8. Explain SAP-AG

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. a) Define ERP. Explain the Benefits of ERP.
OR
b) What are Ten Mistakes to be avoided Warehousing Project?
10. a) Explain ERP Implementation Methodology.
OR
b) Explain project management and monitoring.
11. a) Explain the subsystem of plant maintenance module.
OR
b) Explain sales and Distribution module.
12. a) Determine the steps in QAD.
OR
b) What are the procedures to be followed in SSA.

Differentiate ERP and E-commerce in detail.
OR
b) What are the Internet Technologies in ER



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CBCSSEMESTERSYSTEM

IIISEMESTER: OFFICE AUTOMATION TOOLS

COMMONFORB. A(CA) and B. Com (CA)

W.E.F2018-19AdmittedBatch

B Com	Semester: III (Computer Applications)	Credits:4
Course: 06	OFFICE AUTOMATION TOOLS	Hrs./Wk.: 60

Aim and Objectives of the Course:

- To introduce the fundamental concepts of Computers, Hardware, Software and able to interact with documentation, Power point and Spreadsheet.
- Understand how to access data using reports, Forms, Queries
- Understand how to create a resume.
- Understand to create slide presentations that include text, graphics, animation, and transitions

Course Outcomes:

- To learn about basics of Hardware Components.
- Identify various applications in MS Word, Excel & Access
- Make presentations using MS Powerpoint and presenting in software industries.
- To practice handful exercises on Documentation, Spreadsheet, and Presentation
- Analyze various ways of handling tables, forms and reports using MS Access

Unit- I:

10hrs

MS-Excel: features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet, number formatting in excel, different cell references, how to enter and edit formula in excel, auto fill and custom fill, printing options.

Unit-II:

12hrs

Formatting options: Different formatting options, change row height, formulae and functions, excel names. **Functions:** Meaning and advantages of functions, different types of functions available in Excel, financial functions, date and time, engineering, statistical, math and trig, logical, text, information, look up and reference functions, operators in excel, Database functions.

Unit-III:

12hrs

Charts: Different types of charts, Parts of chart, chart creation using wizard, chart operations, data maps, graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis Macro; Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro, how to run, how to delete amacro.



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Unit-IV:

14hrs

MS Access: Creating a Simple Database and Tables: Features of Ms- Access, creating a Database, Parts of Access, Data Types and properties, adding, deleting fields, renaming the fields in a table. Tables: table creation using design view, table wizard, data sheet view, import table, link table. Forms: The Form Wizard, design view, columnar, tabular, data sheet, chart wizard.

Unit-V:

12hrs

Finding, Sorting and Displaying Data: Queries and Dynasts, Creating and using select queries, returning to the Query Design, Multilevel sorts, finding incomplete matches, showing All records after a Query, saving queries Cross tab Queries.

Printing Reports:

Simple table. Form and Database Printing, Defining advanced Reports, Manual Reporting, Properties in Reports, Saving Reports. **Relational Databases:** Flat Versus Relational, Types of Relationships, Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.

Noted:

Employability – Sky Blue

Skill – Pink

Entrepreneur - Green

Reference Books:

1. Ron Mansfield, Workirfg in Microsoft Office, TlalaMcGrawHill(200S)
2. Ed Bott, Woody Leonhard, Using Microsoft Office2007, Pearson Education (2007)
3. Sanjay Saxsena, Microsoft Office, 4. Microsoft Office, BPB Publications

Suggested Activities:

Seminar/ Quiz/ Assignment/Group Discussion/Power Point Presentation.

Web link:

<https://youtu.be/YY4WKahOig0?list=PLfSHZTGH3uOY2s0qY17tj7gVN0um4eJp1>

<https://youtu.be/w6WQNAwyIno?list=PLfSHZTGH3uOY2s0qY17tj7gVN0um4eJp1>



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper
III SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)

B.A., B.Com. (Computer Applications) & BCA

OFFICE AUTOMATION TOOLS

SECTION – A

Time: 3 Hours

MaxMarks:75

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. Explain how to create a worksheet in excel.
2. Explain the Printing options in MS-Excel.
3. Explain the advantages of functions.
4. What is data map in Excel? Explain.
5. Explain about the auto filter feature in Excel.
6. How to use format painter option in Excel?
7. How to add sub totals to Excel database?
8. Explain the various sections of form.

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. a) Explain how to enter and edit formula in Excel.

OR

b) What is cell reference? Explain different types of cell Reference.

10. a) What is function? What are advantages of function? Explain Round () and ceiling () function.

OR

b) Explain about Lookup and reference functions in excel?

11. a) Define Chart. Explain the different types of charts.

OR

b) Define Macro. Explain how to run and delete Macro.

12. a) Explain how to create a simple database table in MS Access.

OR

b) Define Form. Explain about form wizard.

13. a) Define Query. How to find incomplete matches in a query of Access

OR

b) How to define view, deleting and redefining relations in Access?



SIR C R REDDY COLLEGE FORWOMEN

CBCSSEMESTERSYSTEM

V SEMESTER

DSC1F5.5- Programming IN C

COMMONFOR B. A (CA) and B. Com(CA)

W.e. from 2018-19 Admitted Batch

B Com	Semester: V (Computer Applications)	Credits:4
Course: 06	Programming IN C	Hrs./Wk.: 60

Aim and Objectives of the Course:

- This course aims to provide exposure to problem-solving through programming.
- It introduces the concepts of the C Programming language.
- Choose a suitable C-construct to develop C code for a given problem.
- Recognize the bugs in the C program

Course Outcomes:

- Introduces the concepts of the C Programming language.
- Develop C programs to solve simple mathematical and decision-making problems.
- Demonstrate the applications of derived data types such as arrays, pointers, strings and functions.
- understand and trace the execution of programs written in C language.
- Apply Read and Write operations are used in files and to develop the files program for reading and writing operations.

Unit-I:

12hrs

Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms – Flow Charts. **Introduction to C:** Structure of C Program – Writing the first C Program – File used in C Program – Compiling and Executing C Programs – Using Comments – Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C- Operators in C-Programming Examples – Type Conversion and Type Casting

Unit-II:

10hrs

Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements – Iterative Statements – Nested Loops – Break and Continue Statement – Go to Statement



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Unit-III:

12hrs

Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables – Storage Classes –Recursive function

Unit- IV:

14hrs

Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array – Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays, **Strings:** Introduction String and Character functions

Unit-V:

12hrs

Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – - Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function. **Structure, Union, and Enumerated Data Types:** Introduction – Nested Structures –Arrays of Structures– Structures and Functions -Unions– Enumerated Data Types.

Noted:

Employability – Sky Blue

Skill – Pink

Entrepreneur - Green

Reference Books:

1. Reema Thareja, Introduction to C programming, Oxford University Press.
2. EBalagurusamy, Computing Fundamentals & C Programming–Tata McGraw-Hill, 2008.
3. Ashok NK amthane, Programming with ANSI and Turbo C, Pearson Publisher, 2002.
4. HenryMulish& Hubert L. Coe Reema Thareja: The Spirit of C: An Introduction to Modern Programming, Jaico Publishing House,1996.

Suggested Activities:

Seminar/Quiz/Assignment/Group Discussion/Power Point Presentation.

Web link:

<https://youtu.be/XTiIi->

[LOY8?list=PLEAYkSg4uSQ2k6GwNhpgSHodGT8wfvvuw](https://youtu.be/LOY8?list=PLEAYkSg4uSQ2k6GwNhpgSHodGT8wfvvuw)



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper
V SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)
B.A., B.Com. (Computer Applications) & BCA
Programming IN C

SECTION – A

Time: 3 Hours

MaxMarks:75

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. What are the key features of Algorithm?
2. Explain the differences between various looping statements.
3. Explain about the Scope of variables.
4. Write a program to calculate the addition of given two matrices.
5. Explain about passing arguments to functions using pointers.
6. What are the Data types available in C? Explain.
7. Write a program to check the given number is Armstrong number or not.
8. Explain about Break and continue with an example.

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. a) What is a Flow Chart? Explain about various flow chart symbols and features of flowchart.

OR

b) Discuss about Type Conversion and Type Casting in detail.

10. a) Explain various Conditional statements in C.

OR

b) Write a program to calculate the sum of digits of given number.

11. a) What is Recursion? Explain different types of recursion techniques.

OR

b) Discuss about various Storage Classes in C.

12. a) What are the different types of string functions available in C?

OR

b) Write a C program to arrange the given N numbers in an order using arrays.

13. a) What is Pointer? Explain about pointers in detail.

OR

b) Explain about Structures in detail.



SIR C R REDDY COLLEGE FORWOMEN

CBCSSEMESTERSYSTEM

V SEMESTER

DSC2F5.6- Database Management System

COMMON FOR B. A(CA)

And B. Com(CA)

W.e. from2018-19AdmittedBatch

B Com	Semester: V (Computer Applications)	Credits:4
Course: 06	Database Management System	Hrs./Wk.: 60

Aim and Objectives of the Course:

- To educate student regarding databases and how to manage databases.
- To understand the different issues involved in the design and implementation of a database system.
- To study the physical and logical database designs, database modeling, relational, hierarchical, and network models.
- To provide knowledge about creating relationships.

Course Outcomes:

On the successful completion of this course student shall be able to

- Gain knowledge of Database and DBMS
- Understand the fundamental concepts of DBMS with special emphasis on relational data model.
- Identify the need of Database Management systems with the help of Architecture of DBMS.
- Understand the fundamental concepts of DBMS with special emphasis on relational data model.
- Apply Structured Query Language (SQL) for database definition and database manipulation and control.
- Understand and various transaction processing, concurrency control mechanism and database protection mechanisms.

Unit-I: 10hrs

Overview of Database Management System: Introduction, Data and Information, Database, Database Management System, Objectives of DBMS, Evolution of Database Management Systems, Classification of Database Management System.

Unit-II: 12hrs

File-Based System, Drawbacks of File-Based System, DBMS Approach, Advantages of DBMS, **Data Models, Components of Database System, Database Architecture.**



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Unit-III: 12hrs

Entity–Relationship Model: Introduction, The Building Blocks of an Entity–Relationship, Classification of Entity Sets, Attribute Classification, Relationship Degree, Relationship Classification, Generalization and Specialization, aggregation and composition, CODD’S Rules, Relational Data Model, Concept of Relational Integrity.

Unit-IV: 14hrs

Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL), Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language, Table Modification, Table Truncation, Imposition of Constraints, Set Operations.

Unit -V: 12hrs

PL/SQL: Introduction, Structure of PL/SQL, PL/SQL Language Elements, Data Types, Control Structure, Steps to Create a PL/SQL Program, Iterative Control, Cursors, Steps to Create a Cursor, Procedure, Function, Packages, Exceptions Handling ,Database Triggers, Types of Triggers.

Noted:

Employability – Sky Blue
Skill – Pink
Entrepreneur - Green

Reference Books:

1. Paneerselvam: Database Management Systems, PHI.
2. David Kruglinski, Osborne, Data Management System McGraw Hill Publication.
3. ShgirleyNealandKennethLCTrunikDatabaseManagementSystemsinBusiness–PHI.
4. Godeon C. EVEREST,Database Management – Mc Graw Hill Book Company.
5. MARTIN, Database Management–Prentice Hall of India, New Delhi.
6. Bip in Cv Desai, “An Introduction to Database Systems”, Galgotia Publications.
7. Korth, Database Management systems.
8. Navathe, Database Management systems.
9. S. Sumathi, S.Esakkirajan, Fundamentals of Relational Database Management Systems



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Suggested Activities:

Seminar/Quiz/Assignment/Group Discussion/Power Point Presentation.

Web link:

<https://youtu.be/5TU7zH0Z8ps?list=PLyqSpQzTE6MxymXggewlzcC3U4cdRoSu>



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper
V SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)
B.A., B.Com. (Computer Applications) & BCA
Database Management System

SECTION – A

Time: 3 Hours

MaxMarks:75

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. What are the Advantages and limitations of DBMS.
2. Explain the characteristics of File processing system.
3. What is an Attribute? Discuss different types of attributes.
4. Explain Select command with example.
5. What is the importance of Procedure? Explain its working also
6. Explain the evolution of Database Management System.
7. What is relationship? Explain connectivity of relationship.
8. Explain about Sub queries in SQL.

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9.a) What are the objectives of DBMS? Explain in detail.

OR

b) Explain about the classification of Database Management System.

10.a) Explain the difference between Manual and Computerized Database.

OR

b) What are the various Data Models for Database Systems?

11.a) Discuss various features of E-R Model. How E-R diagram helps in Data modeling?

OR

b) Explain Codd's relational database rules.

12.a) Explain various types of commands available in SQL.

OR

b) Explain different aggregate functions and set operators in SQL.

13.a) Discuss Implicit Cursor and its various attributes.

OR

b) What is Exception? Discuss various pre-defined and user-defined exceptions in PL/SQL.



SIR C R REDDY COLLEGE FORWOMEN

CBCSSEMESTERSYSTEM

V SEMESTER

DSC 3F5.7 – Web Technology

COMMONFORB. A(CA) and

B. Com (CA)

w.e.from2018-19AdmittedBatch

B Com	Semester : V (ComputerApplications)	Credits:4
Course: 06	Web Technology	Hrs./Wk.: 60

Aim and Objectives of the Course:

- To introduce the fundamentals of Internet, and the principles of web design.
- To construct basic websites using HTML and Cascading Style Sheets.
- To build dynamic web pages with validation using Java Script objects and by applying different event handling mechanisms.
- To provide skills to design interactive and dynamic web sites.

Course Outcomes:

- Understand web architecture and web services.
- Design interactive web pages using HTML and Style sheets
- Develop a dynamic webpage by the use of java script and DHTML.
- Analyze a web page and identify its elements and attributes.
- Develop a webpage by using multiple pages in a single download.

Unit-I:

12hrs

Introduction: HTML, XML, and WWW, Topologies, Bus, Star, Ring, Hybrid, Tree, Lan, Wan, Man. **HTML:** Basic HTML, Document body, Text, Hyperlinks, adding more formatting ,Lists, Tables using colors and images. **More HTML:** Multimedia objects, Frames,Forms towards interactive, HTML document heading.

Unit-II:

12hrs

Cascading Style Sheets: Introduction, using Styles, simple examples, your own styles, properties and values in styles, style sheet, formatting blocks of information, layers.

Unit-III:

10hrs

Introduction to JavaScript: What is DHTML, JavaScript, basics, variables, string manipulations, mathematical functions, statements, operators, arrays, functions.

Unit-IV:

12hrs

Objects in JavaScript: Data and objects in JavaScript, regular expressions, exception handling, built-in objects, events.



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Unit-V:

14hrs

DHTML with JavaScript: Data validation, opening a new window, messages and confirmations, the status bar, different frames, rollover buttons, moving images, multiple pages in single download, text only menu system.

Noted:

Employability – Sky Blue

Skill – Pink

Entrepreneur - Green

References:

1. UttamKumarRoy, Web Technologies, Oxford University Press.
2. Black BookHTML5.0
3. CompletereferecneHTML5.0
4. Web Technology, PHI Publications.

Suggested Activities:

Seminar/Quiz/Assignment/Group Discussion/Power Point Presentation.

Web link:

https://youtu.be/h_RftxdJTzs



SIR C R REDDY COLLEGE FORWOMEN

Model Question Paper
SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)
B.A., B.Com. (Computer Applications) & BCA

WEB TECHNOLOGY
SECTION – A

Time: 3 Hours

MaxMarks:75

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. Define WWW. Explain different types of Networks.
2. What are Cascading styles sheets? How to define your own styles?
3. What is JavaScript? Are Java and JavaScript are same? Write benefits and problems of JavaScript.
4. “JavaScript is an Event –driven system” Justify.
5. How to JavaScript is useful to validate your data in webpage? Explain.
6. Explain the tags used with <body> tag.
7. Explain different mathematical functions in JavaScript.
8. How to use images in your HTML pages? Explain.

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. a) What are lists? Explain different types of lists in HTML with example program.
OR
b) Why forms are useful in HTML? How to create them in HTML? Explain
10. a) Explain properties and values in Cascading styles sheets.
OR
b) Explain how to format blocks of information.
11. a) Explain different control statements used with JavaScript.
OR
b) Explain object-based array functions in JavaScript.
12. a) Explain different Built-in objects in JavaScript.
OR
b) What are regular expressions? Explain.
13. a) How to write a data to a different frame? Explain.
OR
b) Explain floating logos in JavaScript.



SIR C R REDDY COLLEGE FOR WOMEN

B.Com.(Vocational)

Revised Common Framework of CBCS for
Colleges in Andhra Pradesh (A.P. State Council
of Higher Education)
Semester –VI

DSC2H6.6- e-Commerce

B Com	Semester: VI(ComputerApplications)	Credits:4
Course: 06	e-Commerce	Hrs./Wk.: 60

Aim and Objectives of the Course:

To enable clients to grow their business and improve efficiency by increasing the effectiveness of their e Commerce presence

- Understand the evolution of e-commerce from its early years to today.
- Discuss the origins of, and the key technology concepts behind, the intranet and Internet and the current structure of the Intranet and Internet.
- Describe the features and functionality of electronic billing presentment and payment systems.
- Appreciate the importance of policies, procedures, and laws in creating security
- Understand the concepts Protocols and Web based Client server

Course Outcomes:

- Understand current Internet business models and strategies.
- Discuss major ethical and legal issues surrounding e-commerce
- Identify the benefits of selling online.
- Develop solutions for implementing an e-commerce web presence.
- Understand how to protect your online business, keeping your accounts secure and being aware of cybercrime.

Unit-I:

12hrs

Introduction to E-Commerce: Scope, Definition, e-Commerce and the

Trade Cycle, Electronic Markets, Electronic Data Interchange, Internet

Commerce. Business Strategy in an Electronic Age: Supply Chains,

Porter's Value Chain Model, Inter Organizational Value Chains,

Competitive Strategy, First Mover Advantage Sustainable Competitive

Advantage, Competitive Advantage using E-Commerce-Business Strategy.



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Unit-II: 12hrs

Business-to- Business Electronic Commerce: Characteristics of B2BEC, Models of B2BEC, Procurement Management by using the Buyer's Internal Market place, Just inTime Delivery, Other B2B Models, Auctions and Services from traditional to Internet Based EDI, Integration with Back-end Information System, Role of Software Agents for B2B EC, Electronic marketing in B2B, Solutions of B2BEC, Managerial Issues, Electronic Data Interchange (EDI), EDI: Nuts and Bolts, EDI and Business.

Unit-III: 14hrs

Internet and Extranet: Automotive Network Exchange, Largest Extranet, Architecture of the Internet, Intranet and Extranet, Intranet software, Applications of Intranets, Intranet Application Case Studies, Considerations in Intranet Deployment, Extranets, Structures of Extranets, Extranet products and services, Applications of Extranets, Business Models of Extranet Applications, Managerial Issues. Electronic Payment Systems: Issues and Challenges.

Unit-IV: 12hrs

Public Policy: From Legal Issues to Privacy: Legal Incidents, Ethical and Other Public Policy Issues, Protecting Privacy, Protecting Intellectual Property, Free speech, Internet Indecency and Censorship, Taxation and Encryption Policies, Other Legal Issues: Contracts, Gambling and More, Consumer and Seller Protection in EC.

Unit-V: 10hrs

Infrastructure For EC: Network of Networks, Internet Protocols, Web- Based client/Server, Internet Security, selling on the Web, chatting on the Web, Multimedia delivery, Analyzing Web Visits, Managerial Issues, Equipment required for establishing EC Sites– Problems in Operation – Future of EC.

Noted:

Employability – Sky Blue
Skill – Pink
Entrepreneur - Green

Reference Books

1. David Whiteley, "E-Commerce", Tata McGrawHill, 2000.
2. EBusiness by ParagKulakarni and Sunitha Jahirabdkar from Oxford University Press.
3. EBusiness by Jonathan Reynolds from Oxford University Press.
4. Eframi Turban, JaeLee, David King, K. Michael Chung, "ElectronicCommerce", Pearson Education, 2000.



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5. R.Kalakota and A. B.Whinston, Frontiers of Electronic Commerce, Addison Wesley.
6. David Kosiur, Understanding Electronic Commerce, Microsoft Press.
7. Soka, From EDI to Electronic Commerce, Mc Graw Hill.

Suggested Activities:

Seminar/Quiz/Assignment/Group Discussion/Power Point Presentation.

Web link:

https://youtu.be/BGEOCn6EEDA?list=PLYuTvKb3AO_4u8C5dfBnZUk-zRUw95xpU

https://youtu.be/ws2Od0EuYm4?list=PLYuTvKb3AO_4u8C5dfBnZUk-zRUw95xpU



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Model Question Paper
SEMESTER PART –II COMPUTER SCIENCE
(w.e.f. 2018-2019)
B.A., B.Com. (Computer Applications) & BCA
E-Commerce

Time: 3 Hours

MaxMarks: 75

SECTION – A

ANSWER ANY FIVE QUESTIONS.

5X5=25M

1. What is Competitive Strategy?
2. Write short note on Just in Time Delivery.
3. What is Automotive Network Exchange?
4. What is Protecting Privacy?
5. What is Web-Based Client/Server?
6. What are the characteristics of B2B e-Commerce?
7. What is Legal Incident?
8. What is Electronic Data Interchange?

SECTION – B

ANSWER ALL QUESTIONS

5 X 10 = 50 M

9. a) Write note on E-commerce and the Trade Cycle.

OR

b) Discuss the Inter Organizational Value Chains on E-Commerce.

10. a) Explain the Models of B2B ON E- Commerce.

OR

b) Explain the Procurement Management by using the Buyer's Internals Market Place.

11. a) What is Extranets? Give the Structures of Extranets.

OR

b) Explain the various Applications of Intranets.

12. a) Explain the Protecting Privacy.

OR

b) Discuss the Taxation and Encryption Policies.

13. a) Explain the detail on Network of Networks.

OR

b) Explain the Application of Internet Protocols.