

Andhra Pradesh State Council of Higher Education
BCA Under CBCS with effect from the academic year 2016-2017 course of study
Table-6: B.C.A. SEMESTER – VI

Sno	Course	Total Marks	Mid Sem Exam*	Sem End Exam	Teaching Hours	Credits
1	Skill Development Course – 2 (University's Choice): Accounting Software	50	0	50	2	2
2	Ecommerce	100	25	75	5	4
3	Open Source Software	100	25	75	5	4
4	Cloud Computing	100	25	75	5	4
Elective – 1						
5.1	Hadoop & R Language	100	25	75	5	4
5.2	Network programming					
5.3	Cyber Laws					
Elective – 2						
6.1	Advanced Android	100	0	50	5	4
6.2	Design of Video Games					
6.3	Advanced Software Testing					
Project Lab						
7	Main Project	100	0	100	2	2
Total		650			29	24

B.C.A VITH Semester
SKILL BASED COURSE (UNIVERSITY CHOICE)
SBS G 6.1A ACCOUNTING SOFTWARE

Unit-I: Accounting Software Packages: Tally, Wings, Busy, Spreadsheet, Ms Excel as Accounting tool, Function wizard, Auditing Tool in MS Excel - Selective Applications for Accounts.

Unit-II: Financial Accounting Software: Accounting package for Voucher Entry - Preparation of Journal Proper - Ledgers, Trail Balance, Final Accounts.

Unit-III: Applications of Spreadsheet Software: Preparation of Cash, Production and Flexible Budgets, Projected Profit & Loss Statement and Balance Sheet.

References:

1. Horngreen, C.T., Introduction to Management Accounting, Prentice Hall,
2. Smith, J.L. Keith, RM and Stephens, W.L., Managerial Accounting, McGraw Hill.
3. Guy Hart Davis, The ABCs of Microsoft Office, BPB Publications.

BCA III Year VI Semester

E-commerce

Course Objectives

1. To develop an understanding of scope of E-Commerce.
2. To develop an understanding of electronic market and market place.
3. To develop an understanding of business models.
4. To develop an understanding of legal issues, threats of E-Commerce.

Course Outcomes

1. Students would be able to analyze the concept of electronic market and market place.
2. Students would be able to understand the business models.
3. Students would be able to understand the business standards.
4. Students would be able to understand the legal and security issues.

Unit-I

Overview of Electronic Commerce: Main Activities of E-Commerce, Broad Goals of E-Commerce, E-Commerce technical Components, Functions of E-Commerce, Prospectus of E-commerce, Lessons from E-commerce Evolution, Scope of E-commerce.

Unit-II

E-commerce Technical Architecture, E-Commerce Strategies, E-commerce Essentials, E-commerce applications, Foundation of E-commerce, Growth of E-Commerce, Advantages of E-Commerce, Disadvantages of E-commerce, progress of E-commerce in India.

Unit-III

Driving the E-commerce Revolution. E-commerce Activities, Matrix of E-commerce models, B2C, B2B, B2B Boom, E-commerce opportunity Frame work, Developing an E-commerce Strategy, International E-commerce, International Strategy Development, Dotcom Companies.

Unit-IV

Electronic Market:-Online Shopping, Online Purchasing, Electronic Market, Three models of Electronic Market, Markets category, International Marketing, one-to -one Marketing, Permission Marketing, pull and push technologies, B2B Hubs, B2B market places, B2B exchange.

Unit-V

Electronic Business: Electronic Business applications Emerging applications, Electronic Business Architecture, AMR Model for Electronic Business, Evolution of Electronic Business

Application, Dotcom companies, The Indian scenario for E-Business, electronic business implementations, B2B E-commerce, B2C E-commerce, B2B Market Place..

References:

1. E-Commerce Concepts. Models, Strategies C.S.V Murthy, Himalaya Publishing House
- 2..The Complete E-Commerce Book: Design, Build & Maintain a Successful Web-based Business by Janice Reynolds
- 3..E-Commerce: Fundamentals and Applications by Henry Chan, Raymond Lee, Tharam Dillon, Elizabeth Chang November 2001

Student Activity:

1. Study the activities of any E-Commerce website and give suggestions to improve their business
2. Prepare your own E-commerce business site