DEPARTMENET OF BBA(CA)

SYBBA(CA)

COURSE OUTCOME

SUBJECT: 305 BIG DATA

1. To Understand the Big Data challenges & opportunities ,its applications
2. Gain conceptual understanding of NOSQL Database.
3. Understanding of concepts of map and reduce and functional programming
4. Gain conceptual understanding of Hadoop Distributed File System.
5. The main goal of this course is to help students learn, understand, and practice **big data analytics** and machine learning approaches, which include the study of modern computing **big data** technologies and scaling up machine learning techniques focusing on industry applications.
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DEPARTMENET OF BBA(CA)

SYBBA (CA) (sem III)

COURSE OUTCOME

SUBJECT: 303 SOFTWARE ENGINEERING

1 An ability to identify, formulates, and solves complex engineering problems by applying principles of engineering, science, and mathematics
Adapt the basic software engineering methods and practices in their appropriate applications

2 An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors

3 An ability to communicate effectively with a range of audiences

4 An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts

5 An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

6 An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions

7 An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

8 an ability to use the techniques, skills, and modern engineering tools and processes necessary for software engineering practice.

9 – an ability to apply software engineering perspective through software design and construction, requirements analysis, verification, and validation, to develop solutions to modern problems such as security, data science, and systems engineering.

DEPARTMENET OF BBA (CA)

COURSE OUTCOME

TYBBA (CA) SEM- V

SUBJECT: 502 WEB TECHNOLOGY

1 Gain knowledge of client side scripting, validation of forms and AJAX Programming.

2 Have understanding of server side scripting with PHP language.

3. Have understanding of what is XML and how to parse and use XML Data with Java.

4. Create applications by using the concepts like JSP and Servlet

5 learn about the HTTP communication protocol, the markup languages HTML, XHTML and XML,

6 the CSS and XSLT standards for formatting and transforming **web** content, interactive graphics and multimedia content on the **web**, client-side programming using Javascript.

7 Create dynamic interactive Web pages using JavaScript.

8 Change the appearance of web pages

Course Outcomes:

BBA(CA) First Year Sem I: CA: 103 C Programming

CO1: To learn the basic concept of C Programming.

CO2: To understand how to use programming in day to day applications.

CO3: Design, implement, test and debug programs that use calculations and selections.

CO4: Design, implement, test and debug programs that use loops and arrays.

CO5: Design, implement, test and debug programs that use functions.

CO6: Design, implement, test and debug programs that use arrays for character strings and that use pointers for character strings.

CO7: Analyze programming problems to choose when regular loops should be used and when recursion will produce a better program.

CO8: Design, implement, test and debug programs that use different data types, such as simple variables, arrays, and structures.

BBA(CA) Second Year Sem III: CA: 302 Data Structure

CO1: To understand the concepts of ADTs

CO2: To learn linear data structures – lists, stacks, and queues

CO3: To understand sorting, searching and hashing algorithms

CO4: To apply Tree and Graph structures

CO5:. Choose appropriate data structures to represent data items in real world problems.

CO6. Analyze the time and space complexities of algorithms

CO7. Design programs using a variety of data structures such as stacks, queues, hash tables, binary trees, search trees, heaps, graphs, and B-trees.

CO8.Analyze and implement various kinds of searching and sorting techniques.

BBA(CA) Third Year Sem V: Java Programming

CO1: To learn the basic concept of Java Programming.

CO2: To understand how to use programming in day to day applications.

CO3: Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.

CO4: Read and make elementary modifications to Java programs that solve real-world problems.

CO5: Validate input in a Java program.

CO6: Identify and fix defects and common security issues in code.

CO7: Document a Java program using Javadoc.

CO8: Use a version control system to track source code in a project.

CO9: Designs will demonstrate the use of good object-oriented design principles including encapsulation and information hiding.

CO10: The implementation will demonstrate the use of a variety of basic control structures including selection and repetition; classes and objects in a tiered architecture (user interface, controller, and application logic layers); primitive and reference data types including composition; basic AWT components; file-based I/O; and one-dimensional arrays.

Course Outcomes:

BBA(CA) First Year Sem I: CA: 104 DBMS

1. To learn the basic concept of Database.

2. To understand how to use programming in day to day applications.

3. Design, implement, test and debug programs that use calculations and selections.

4. Analyze programming problems to choose when regular loops should be used and when recursion will produce a better program.

5. Design, implement, test and debug programs that use different data types, such as simple variables, arrays, and structures.

BBA(CA) 2nd Year Sem IV: Object Oriented Software Engineering (OOSE)

1. To investigate principles of Object Oriented Software Engineering from analysis to testing
2. To learn software development life cycle for object oriented solutions for real world problems
3. To learn various modeling techniques to model different perspectives of Object Oriented Software designs.

BBA(CA) 2nd Year Sem III:PHP

Upon completion of this course, students will be able to:

1. Understand the various steps in designing Creative and dynamic website.
2. Write PHP code. Create PHP scripts.
3. Implement business logic within the database.
4. Create and deploy a portable web-based system.
5. Test and debug object-oriented PHP scripts.