BAPATLA WOMEN'S ENGINEERING COLLEGE
BAPATLA-522101, Guntur (Dt), A.P.
(Sponsored by Bapatla Education Society)
Approved by AICTE-New Delhi, Affiliated to AcharyaNagarjuna University
An ISO 9001:2015 Certified Institution
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE OUTCOMES

A.Y:2023-24 **SEM:II** **CLASS:3/4 CSE**

SUBJECT:Cryptography& Network Security/CSE 321

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

1. Understand the basic concepts on attacks of computer ,computer security.
2. Understand the concepts of symmetric key ciphers.
3. To describe about the message authentication algorithm and hash functions.
4. Understand the concepts of e-mail security.
5. Understand the concepts of web security

SUBJECT:Data Engineering/CSE 322

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

1. This course gives an introduction to methods and theory for development of data warehouses and data analysis using data mining.
2. Data quality and methods and techniques for pre-processing of data.
3. Modelling and design of data warehouses.
4. Algorithms for classification, clustering and association rule analysis

SUBJECT :Web Technologies/CSE323

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

1. Demonstrate HTML, CSS, JavaScript and develop static and dynamic web pages using them.
2. Use Java script for dynamic effects , validate form input entry and write a well formed / valid XML documents.
3. Implement Server-side programming with Java Servlets and JSP.
4. Illustrate the basic concepts of PHP.
5. Establish server side applications using PHP to catch form data sent from client and store it on MYSQL database.

SUBJECT : Advanced Databases/CSE 324(D)

COURSE OUTCOMES:
Upon completion of this course, a students should be able:

1. To develop skills on databases to optimize their performance in practice.
2. To analyze each type of databases and its necessity
3. To design faster algorithms in solving practical database problems

SUBJECT : MOBILE COMPUTING/CSE 325 C

COURSE OUTCOMES:
At the end of the course, the student should be able to:

1. Explain the basics of mobile telecommunication systems
2. Illustrate the generations of telecommunication systems in wireless networks
3. Determine the functionality of MAC, network layer and Identify a routing protocol for a given Ad hoc network
4. Explain the functionality of Transport and Application layers
5. Develop a mobile application using android/blackberry/ios/Windows SDK

SUBJECT :Data Engineering Lab/CSE 361

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

1. Describe the methods and theory for development of data warehouses and data analysis using data mining.
2. Apply OLAP Operations.
3. Design schemas.star schema, snow flake schema.
4. Demonstrate ETL process.
5. Implement indexing the data

SUBJECT :WEB TECHNOLOGIES LAB/CSE362

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

1. Construct static and dynamic web pages using HTML, CSS, JavaScript.
2. Define well-formed XML documents and design DTD to validate XML files.
3. Install XAMPP , WAMP servers and TOMCAT web server and APACHE.
4. Develop and demonstrate PHP Scripts for basic problems.
5. Implement web applications & database connectivity using Servlets, JSP and PHP.

SUBJECT :Advanced Databases Lab/CSE 363 D

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

1. Understand and apply MYSQL/Oracle for creating tables, sequences and other database objects.
2. Design and implement a database schema for company data base, libraryinformation system, student information system.
3. Apply the concept of SQL based on Case Study using DDL, DML.
4. Create front end and back end (web) pages.
5. Design the Data Flow Diagrams for the different scenarios solving practical data base problems

SUBJECT :Full Stack Lab/CSE 364

COURSE OUTCOMES: