

COURSE OUTCOMES FOR R22 REGULATION

II YEAR

22MA301BS : Computer Oriented Statistical Methods

1. Apply the concepts of probability and Random variables
2. Analyse the concept of Probability distributions to some case studies
3. Formulate and solve problems by apply statistical methods for analyzing experimental data.
4. Demonstrate the concept of estimation and distinguish regression analysis and to compute and interpret the coefficient of correlation.
5. Examine the given statistical hypothesis

22IT302PC : Programming with Python

1. Examine Python syntax and semantics, flow control.
2. Demonstrate proficiency in handling Strings and arrays.
3. Relate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.
4. Correlate experiments on file handling, exception handling, and modules.
5. Develop the concepts of Object-Oriented Programming as used in Python.

22IT303PC : OOPS Through Java

1. Describe how to solve real world problems using OOPS techniques.
2. Extract to develop programs for various applications using exceptional handling.
3. Use to solve problems using java collection framework and I/O classes.
4. Illustrate to learn how to reduce the wastage of CPU time with multithreading concepts.
5. Develop to design GUI based applications.

22IT304PC : Computer Organization and Architecture

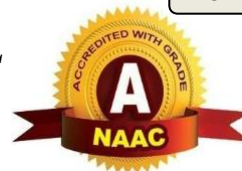
1. Identity of computer organization architecture.
2. Interpret the basics of instruction sets and their functionality.
3. Relate arithmetical operations by using data.
4. Correlate the functional nits of the computer.
5. Design a pipeline for consistent execution of instructions.

22EC305ES : Digital Electronics

1. Compare the numerical information in different forms and Boolean Algebra theorems.
2. Apply the various simplification methods to Simplify the given Boolean function.
3. Analyze and design various combinational logic circuits.
4. Learn the Concepts of sequential circuits.
5. Illustrate various Memories and asynchronous sequential logic circuits.

22IT306PC : OOPS Through Java Lab

1. Define and to develop application programs using oops concepts



2. Extract to write programs using Exceptional Handling approach.
3. Articulate to write programs for solving real world problems using java collection frame work.
4. Illustrate to develop java application to interact with database by using JDBC
5. Prioritize to write GUI programs using swing controls in Java.

22IT307PC : Python Lab

1. Illustrate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.
2. Compare to conduct experiments on file handling, exception handling, and modules.
3. Interpret the concepts of Object-Oriented Programming as used in Python.
4. Use to explore python especially the object-oriented concepts, and the built- in objects of Python.
5. Design to create practical and contemporary applications such as TCP/IP network programming, Web applications, discrete event

22IT308PC : Skill Development Course

1. Illustrate a custom website with HTML, CSS, and Bootstrap and little JavaScript.
2. Extract advanced features of JavaScript and learn about JDBC
3. Use Server – side implementation using Java technologies like
4. Correlate the server – side implementation using Node JS.
5. Design a Single Page Application using React.

22EN309MC : Gender Sensitization Lab

1. Students will have developed a better understanding of important issues related to gender in contemporary India.
2. Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
3. Students will acquire insight into the gendered division of labour and its relation to politics and economics.
4. Men and women students and professionals will be better equipped to work and live together as equals.
5. Students will develop a sense of appreciation of women in all walks of life.

22MA401BS : Discrete Mathematics

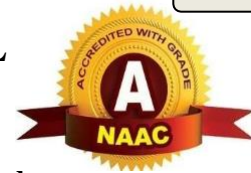
1. Understand and construct precise mathematical proofs
2. Apply logic and set theory to formulate precise statements
3. Analyze and solve counting problems on finite and discrete structures
4. Describe and manipulate sequences
5. Apply graph theory in solving computing problems

22IT402PC Database Management Systems

1. Define fundamentals of DBMS, database design and normal forms
2. Compare the basics of Relational Model and Relational Algebra
3. Use the basics of SQL for retrieval and management of data.
4. Illustrate the basics of transaction processing and concurrency control.
5. Collaborate familiarity with database storage structures and access techniques.

22 IT403PC Operating Systems.

1. Illustrate the operating system concepts.
2. The role of computing in CPU scheduling and its management.



3. Use to resolve user problems in the standard environment.
4. Correlate the data storage and retrieval.
5. Design files system inter phase and operations.

22 IT404PC Web Technologies

1. Define server-side scripting with PHP language.
2. Compare XML and how to parse and use XML Data with Java.
3. Relate to introduce Server-side programming with Java Servlets.
4. Illustrate JSP pages using Cookies and Session tracking.
5. Design client-side scripting, validation of forms and AJAX programming.

22 IT405PC Software Engineering

1. Describe to translate end-user requirements into the system.
2. Identify and apply the process model based on software requirements.
3. Articulate to build the design of systematic models.
4. Contrast to test strategies and generate a report.
5. Develop quantify the metrics for process and products.

22 IT406PC Web Technologies Lab

1. Define data link layer farming methods
2. Compare routing and congestion issues in network design.
3. Relate PHP concepts in HTML.
4. Correlate server side scripting using XML.
5. Pivot the JSP and Servlet.

22 IT407PC DBMS Lab

1. Define database schema for a given application and apply normalization
2. Compare the skills in using SQL commands for data definition and data manipulation.
3. Relate the solutions for database applications using procedures
4. Correlate solutions for database applications using cursors
5. Develop solutions for database applications using triggers

22EN409MC Constitution of India

1. Outline the evolution of the Constitution.
2. Relate constitutional fundamentals with the present Era.
3. Analyze Liberalism, Federalism and Socialism.
4. Infer the knowledge of Administration and Governance.
5. Appraise and address the role of governments.