COURSE OUTCOME

COURSE TITLE: PROGRAMMING IN "C"(R-16 & R-19)

SEMESTER - I

COURSE CODE: BS106

CREDITS: 4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	It will help you understand how a computer works and established. Explains & ability the concepts of C Tokens (Like operators and Data types)	II(Understand)
CO2	Develops basic understanding of computers, the concept of algorithms and code Understanding & ability a functional hierarchical code organization	II(Understand)
CO3	To Create work with textual information, characters and strings Ability to work with arrays of complex objects.	VI(Create)
CO4	Understanding & ability a concept of object thinking within the framework of functional model. Ability to handle possible errors during program execution	II(Understand)
CO5	Analyze to work with structure and unions.	IV(Analyze)

COURSE TITLE: PROGRAMMING IN C++ (R-16 & R-19)

SEMESTER-II

COURSE CODE: BS206

CREDITS: 4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	To understand how C++ improves C with object-oriented features. To learn how to write inline functions for efficiency and performance.	II(Understand)
CO2	To create the syntax and semantics of the C++ programming language. To learn how to design C++ classes for code reuse.	VI(Create)
CO3	To learn how to implement copy constructors and class member functions. To understand the concept of data abstraction and encapsulation.	II(Understand)
CO4	To create how to overload functions and operators in C++. To learn how containment and inheritance promote code reuse in C++.	VI(Create)
CO5	To create how containment and inheritance promote code reuse in C++. To learn how to design and implement generic classes with C++ templates. To learn & Ability how to use exception handling in C++ programs.	VI(Create)

COURSE TITLE: BASIC COMPUTER SKILLS (R-19)

SEMESTER-II

COURSE CODE: BS107

CREDITS: 2

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	To understand the basic concepts & technology of information technology and to identify issues related to information security.	II(Understand)
CO2	Computer, basic components of computer memory management hardware parts input & output devices printer's scanners.	I(Knowledge)
CO3	To analyze Software & its needs types of s/ws programming languages system s/w application s/w &its types word excel power point presentation DBMS s/w.	IV(Analyze)
CO4	Data communication networking devices data transmission media modem topologies, types of networks.	VI(Create)

COURSE TITLE- Data Structures (R-16 & R-19)

SEMESTER-III

COURSE CODE: BS3O6

CREDITS:-4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Ability to analyze basic concepts in types of data structures Ability to describe stack, queue and linked list operation.	IV(Analyze)
CO2	Understand the usage and applications of different data structures. Ability to have knowledge of tree and graphs concepts. Explain priority queues with example.	II(Understand)
CO3	To Apply the concepts of different tree structures and travelling techniques.	III(Apply)
CO4	Understand the need of different Hashing Techniques.	II(Understand)
CO5	Explain priority queues with example Analyze to summarize searching and sorting techniques	IV(Analyze)

COURSE TITLE- Database Management System (R-16 & R- 19)

SEMESTER - IV

COURSE CODE: BS4O6

CREDITS:-4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Apply the fundamentals of File processing and database processing system. Explain the various data model and its application.	III(Apply)
CO2	Create ER diagrams for new databases. Explain the fundamental concepts of SQL programs.	VI(Create)
CO3	Analyze the concepts of function, procedure, package, trigger and exception handling. Explain the various normal forms and its role in DBMS.	IV(Analyze)
CO4	Ability to identify various normal forms with relational tables. Understand the Transactions and their proprieties (ACID).	II(Understand)
CO5	Understand recovery techniques used to recover from crashes.	II(Understand)

COURSE TITLE:- Programming in JAVA (R-16 & R- 19)

SEMESTER - V

COURSE CODE: BS505

CREDITS:-4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Gain knowledge to define the concepts of the programming to cover software design, implementation using java. The student will be able to use an integrated development environment to write compile, run simple object oriented java programs.	I(Knowledge)
CO2	Explain the process of developing the code. Understand the data types, arrays, primary components in java.	II(Understand)
CO3	Gain the knowledge on packages and input and output files. Explain the process of threading and multithreading.	I(Knowledge)
CO4	To Analysis the Abstract window toolkit and swings to create different forms of buttons, checkboxes, layouts etc.	IV(Analysis)
CO5	Identify the connection of database by using JDBC.	II(Understand)

COURSE TITLE: SOFTWARE ENGINEERING (R-16)

Elective–B

SEMESTER-V

COURSE CODE: BS506

CREDITS: 3

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Ability to identify the minimum requirements for the development of application Understanding a planning for a software project Development.	II(Understand)
CO2	Prepare the Software requirement analysis modelling Approaches. Apply Project Requirement analysis, Verification and validation	III(Apply)
CO3	Ability to critically thinking and evaluate assumptions and arguments by using variant software architectural styles & software process model	III(Apply)
CO4	Understanding on quality control and how to ensure good quality software	II(Understand)
CO5	Generate test cases using various testing techniques.	VI(Create)

COURSE TITLE: COMPUTER NETWORKS (R-16)

SEMESTER-VI

COURSE CODE: BS605

CREDITS: 3

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Describe the functions of each layer in OSI and TCP/IP model Understand different types of networks, various topologies and application of networks.	II(Understand)
CO2	Create the functions of Application layer and Presentation layer paradigms and Protocols.	VI(Create)
CO3	Analyze the Session layer design issues and Transport layer services.	IV(Analyze)
CO4	Understand the concept of networking models, protocols, functionality of each layer. Explain the types of transmission media with real time applications.	II(Understand)
CO5	Understand types of addresses, data communication. Learn basic networking hardware and tools.	II(Understand)

COURSE TITLE- Web Technologies (R-16) ELECTIVE – B & (R-19)

SEMESTER - VI

COURSE CODE: BS605

CREDITS:-4

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Analyze HTML and XHTML.	IV(Analyze)
CO2	Use different types of tags for tables, frames, forms. Describe the navigation using Anchor tag.	I(Knowledge)
CO3	Learn cascading style sheets and design issues.	IV(Analyze)
CO4	Understand the java scripts for performing validations on forms. The concept of apply all the tags to create web pages.	II(Understand)
CO5	Analyze XML to connect JavaScript.	IV(Analyze)

COURSE TITLE- PHP with MySQL (R-19)

SEMESTER – VI

GENERAL ELECTIVE PAPER (GE)

COURSE CODE: BS606

SI.NO	COURSE LEARNING OUTCOMES	Blooms taxonomy classification
CO1	Analyze PHP principles for reusability.	**IV(Analyze)**
CO2	Create, maintain and manipulate are HTML using SQL	**VI(Create)**
CO3	Create, translate and process HTML information using the common gate way method.	**VI(Create)**
CO4	Create, maintain and manipulate a relational data from using MySQL.Test, debug and deploy web pages containing PHP and MYSQL.	**VI(Create)**
CO5	.Apply PHP code to produce outcomes and solve problems	**III(Apply)**