B .A Computer Applications-course- Outcomes

Courses:HECA/HPCA/EPCA

SEM	CODE	COURSE TITLE	OUTCOMES
SEM-I	CORE-I	**COMPUTER FUNDAMENTALS**	**CO1** :To implement applications of IT in the areas of business: **CO2** :Types of Operating System, Booting Process **CO3** :Word processing- creating, editing, saving, printing **CO4** :Worksheet to analyze data with graphs & Charts, Advanced tools to compute data.
SEM-II	CORE-II	**COMPUTER PROGRAMMING WITH C**	**CO-1:** Develops knowledge on basics of computers and Illustrate the flowchart, algorithm, pseudo code for a given problem, build up programs using various data types and operators **CO-2:** Develop conditional and iterative statements for a given problem **CO-3:** Implementing programs using arrays, pointers, dynamic memory management, structures and unions **CO-4:** Develop solution for a given problem using modular approach and perform file handling
SEM-III	CORE-III	**DATABASE MANAGEMENT SYSTEM**	**CO-1**: Appreciate the underlying concepts of database system architecture and technologies **CO-2:** Develop database schema for a given scenario **CO-3:** Query the database using the relevant programming language **CO-4:** Design schedules using multiple transactions

SEM-IV	CORE-IV	**INTERNET TECHNOLOGIES**	**CO-1**`Learn Hyper Text Mark-up Language and be able to develop structure and design for web pages. **CO-2:** Learn usage of style sheets in developing the structure and design and fine tuning of web pages. **CO-**3: Learn basic features of JavaScript language and its usage in creating interactive web pages. **CO-4:** Learn JavaScript built-in object features, regular expressions usage, exception handling creating interactive web pages. **CO-5:** Learn the importance of good design and features and concepts relating
SEM-V	CORE-V	**MULTIMEDIA SYSTEMS AND APPLICATIONS**	**CO-1**: Developed understanding of technical aspect of Multimedia Systems. **CO-2**: Understand various file formats for audio, video and text media. **CO-3:** Develop various Multimedia Systems applicable in real time. 4. Design interactive multimedia software. 5. Apply various networking protocols for multimedia applications. 6. To evaluate multimedia application for its optimum performance. **CO-4**: To develop multimedia application and analyze the performance
	ELECTIVE-I-PAPER-VII	**OBJECT ORIENTED PROGRAMMING WITH C++**	CO-1: Relate the basic concepts of oops to solve real problems CO-2: Demonstrate the creation of objects and access specifiers

			CO-3: Classify the advanced OOPs features like inheritance polymorphism etc. CO-4: Demonstrate exception handling, Streams, STL in formulating the solution for a given problem
SEM-VI	CORE-VI	**VISUAL PROGRAMMING**	**CO-1**. understand the programming algorithm, process, and structure **CO-2.** understand and identify the fundamental concepts of object-oriented programming **CO-3.** understand and use the concepts of objects, primitive value, message, method, selection control structure, repetition control structures, object reference, container, and method parameter. **CO-4.** know how to write and run a complete program 5. understand and identify the importance of object-oriented programming for the Internet based electronic commerce 6. understand the impact of Java and VB.NET on business.
	ELECTIVE-II-PAPER-VIII-	**SOFTWARE ENGINEERING**	**CO-1:** Analyse software engineering framework activities and process models that can be tailored with appropriate methods for developing the projects **CO-2:** Design relevant software system models from the available software requirements and validate desired user model with realistic constraints **CO-3:** Deliver quality software products by applying software testing strategies and product metrics over the entire system life cycle **CO-4:** Specify contemporary issues of handling risk management in Software development