Course Outcomes

PGDCA

SEMESTER-I		
PDCA-101	Computer Fundamentals	1. To provide basic Knowledge of Number System and utilization of computer hardware and software. 2. Basic Knowledge of input/output devices & various types of memories. 3. Identify the role of Operating System. To understand the design of control unit. 4. To study, analyze and understand the terminologies involved in networking, interface, protocol, service, type of networks, hardware technologies used signals and Models: OSI and TCP/IP. 5. Understand the concepts Spreadsheet and graphics software.
PDCA-102	Programming in C++	1. To introduce the I/O statements and control statements. 2. Understanding the array, structure and union. 3. Implementing inheritance, polymorphism and object relationship in C++ 4. Describe File management and its operations 5. Ability to utilize the pointers.
PDCA-103	Computer Operating System	1. Understanding the basics of operating system and process management. 2. Identify and understand the Inter process communication and synchronization and memory management. 3. To understand the virtual memory and file system management. 4. Understand, analyze and device management. 5. Study, analyze and understand authentication and security.
PDCA-104	Relational Database Management System	1. Learn fundamental concepts of DBMS architecture. 2. Understand the concept of normalization. 3. Understand the Entity relationship model and SQL commands. 4. Understand logic operations on joins and ORACLE functions. 5. Describe views, indexes and learn about PL/SQL.

PDCA-105	Communication and Soft Skills	1. To understand basics of technical Communication. 2. To provide basic knowledge technical writing and letter formats. 3. Basic Knowledge of verbal communication and Presentation Techniques. 4. Become proficient in Technical Communication-Dissertation and Thesis, Understand Technical Reports, Instruction Manuals 5. Essential of effective communication, Non-verbal Communication.
PDCA-106	Computer Fundamental Lab	1. Be able to Creating, opening, closing, saving and editing a word Document 2. To learn the basics of MS-Power point and advance techniques. 3. To learn about MS-Excel and its features 4. To understand MS-Access and create tables and their relationship with tables. 5. To get familiar mail merge and macros
PDCA-107	Programming in C++ Lab	1. To understand the concepts of controls structures 2. To understand the concepts of arrays 3. To understand the concepts of functions 4. To understand the concepts of inheritance and polymorphism 5. To understand the concepts of file handling and its operations.
PDCA-108	RDBMS Lab	1. To learn about the introduction of DBMS and SQL commands 2. To make use of different clauses and different constraints 3. To understand use and working with joins and make views and indexes. 4. Creating Procedures and Function and implement packages. 5. To make use of transaction control statement.
SEMESTER-II		
PDCA-201	Programming in Java	1. Understand the concept of OOPs as well as the purpose and usage principles of Inheritance, Polymorphism, encapsulation etc. 2. Understand the basic concepts of classes and Objects, JVM Concept, Data types and Operators,

		Strings.
		3. Make use of array, constructors, Inheritance, Packages.
		4. To understand the basics of applets.
		5. Managing errors and exceptions.
PDCA-202	Web Technologies	1. Basics of html and structure of html document.
		2. To understand the concept of tables, frames and tags.
		3. To introduce the basics of java query and its syntax.
		4. To understand the Forms Used by a Web Site and Other Built-In Objects in JavaScript.
		5. Learn Text formatting and text style.
PDCA-203	Software Engineering	1. Learn fundamental of Software and its Characteristics, Software Process Models.
		2. Understand the concepts of S/W Project Planning and cost estimation models.
		3. Understand the concept of software design and its methodologies.
		4. Understand the concepts of testing techniques.
		5. Understand the concept of System analysis and requirement analysis.
PDCA-204	Data Communication and Networks	1. Introduction to data communication and multiplexing.
		2. To describe the OSI model and TCP/IP model.
		3. Data link layer and routing algorithms.
		4. Transport layer and its design issues.
		5. Error detection and correction, switching.
PDCA-205	Java LAB	1. Implement the concepts control structure through programming.
		2. To implement the concept of functions and constructors.
		3. To implement the concept of abstract class and string class.
		4. To implement the concept of inheritance and interfaces.
		5. To implement applets and exceptional handling.
PDCA-206	Web Technology LAB	1. To learn and implement the code to displays various formatting tags
		2. To learn and implement the DHTML code to create cascading style sheet
		3. To learn and implement in JavaScript looping

| | | 4. To create JavaScript to show function with an arguments. |
| | | 5. To create code for admission form and frame. |