PROGRAM LEARNING OUTCOMES (POs)

On successful completion of the one year PGDCA (TE) programme, students will be able to:

PO1: Demonstrate the technical knowhow in field of IT Application.

PO2: Design and develop basic IT Application as per customer requirements.

PO3: Work as a team member and team leader as an when needed.

PO4: Render efficient skills to climb the hierarchy of an organization.

PO5: Exhibit skills for a continuous and lifelong learning.

PO6: Understand and dispatch his Professional and Ethical responsibilities towards self and society at large.

PROGRAM SPECIFIC OUTCOMES (PSOs)

On successful completion, students will be able to:

PSO1: Train graduate students in basic computer technology concepts and information technology applications.

PSO2: Enhance their career opportunities in the software development sector in the state.

PSO3: Develop confidence in handling information applications.

PSO4: Enable students to decide in choosing the options available if the students wishes to go for further studies

PSO5: Expose the students to Open Source technologies so that they become familiar with it and can seek appropriate opportunity in trade and industry.

PSO6: Develop real life IT application as part of the study.

COURSE LEARNING OUTCOMES

SEMESTER I

PTE01001T: FUNDAMENTALS OF COMPUTER AND OPERATING SYSTEM (THEORY)

PTE01002L: FUNDAMENTALS OF COMPUTER AND OPERATING SYSTEM (THEORY BASED PRACTICAL)

1. Acquire the knowledge about computer, applications, and components
2. Understand the meaning, functions and types of operating system.
3. Gain knowledge on various kinds of software, their types, programming languages and virus and their different types.
4. Understand the concept, features, functions and types of learning management system
5. Develop an understanding of the concepts, importance, tools and applications of G-suite.
6. Understanding the concept of Google form, types, procedure and applications.

PTE01003T: MS-OFFICE/FOSS (THEORY)

PTE01004L: MS-OFFICE/FOSS (THEORY BASED PRACTICAL)

1. Acquire knowledge about MS office, open office and libre office.
2. Understanding the concept of FOSS, their procedure and applications.
3. Acquire knowledge about libre office's features and components.

PTE01005T: WEB DESIGNING AND WEB SECURITY (THEORY)

PTE01006L: WEB DESIGNING AND WEB SECURITY (THEORY BASED PRACTICAL)

1. Understanding the concept of internet, web browser and protocols.
2. Gain knowledge about themes, forms and web page designing.
3. Understand the concept, threats of internet security and different types of internet attacks.
4. Develop an understanding of the meaning, types, needs and benefits of firewalls.
5. Understanding the concept of digital signature, usage and procedures to create digital signature.
6. Acquire knowledge about copy right issues, types, limitations and protection measures.
7. To know about cryptography, types and importance.
8. Understand the concept cybercrime, cyber ethics and cyber laws.

PTE01007T: PYTHON PROGRAMMING (THEORY)

PTE01008L: PYTHON PROGRAMMING (THEORY BASED PRACTICAL)

1. Understand the meaning of python, usage of python programming language, applications and python for software development.
2. Gain knowledge on List, Ranges & Tuples in Python
3. Acquire knowledge about Python Dictionaries and Sets, inputs and outputs in python.
4. Develop the understanding on the concept of Python Object Oriented and Python Multithreaded Programming.

SEMESTER II

PTE02001T: ICT IN TEACHING (THEORY)

PTE02002L: ICT IN TEACHING (THEORY BASED PRACTICAL)

1. Understand the meaning of asynchronous and synchronous learning.
2. Develop the understanding on the concept of pedagogical to e-learning.
3. Acquire knowledge on ICT, importance and approaches in pedagogies.
4. Develop the understanding on the teaching-learning environment and modes of using in Teaching learning environment.
5. Gain the knowledge about digital initiatives taken by government in India for Technology Integration in Education.
6. Understand the concept, stages, steps, advantages, security and safety of online transaction.

PTE02003T: DATABASE MANAGEMENT SYSTEM, SYSTEM ANALYSIS & DESIGN (THEORY)

PTE02004L: DATABASE MANAGEMENT SYSTEM, SYSTEM ANALYSIS & DESIGN (THEORY)

1. Understand the basic concept of database management, system analysis and design.
2. Develop the understanding on the concept of rational model.
3. Acquire knowledge on ORACLE and PL/SQL

PTE02005T: ACADEMIC WRITING

1. Understand writing and various styles of writing
2. Perform good academic writing

3. Distinguish a good academic writing from others
4. Develop reports and thesis

PTE02006T: UNIVERSAL HUMAN VALUES

1. Development of a holistic perspective based on self- exploration about self, family, society and existence.
2. Understanding harmony in relationships among human beings, family, society and nature and existence
3. Strengthening of self-reflection.
4. Development of commitment and courage to act.