

DEPARTMENT OF DATA SCIENCES

SEMESTER – I

Fundamentals of Information Technology

COURSE CODE DS106

Course Outcomes:

1. Identify the components of a computer and their functions.
2. Understand the concept of networking, LAN, Internet, and working of www.
3. Understand the notion of problem solving using computer by programming
4. Understand the notion of Software Project and the Process of software development

SEMESTER – II

Problem Solving and Python Programming

COURSE CODE DS206

Course Outcomes:

1. Develop algorithmic solutions to simple computational problems.
2. Develop and execute simple Python programs.
3. Develop simple Python programs for solving problems.
4. Structure a Python program into functions.
5. Represent compound data using Python lists, tuples, dictionaries.
6. Read and write data from/to files in Python Programs.