DEPARTMENT OF DATA SCIENCE

SEMESTER-I

DS106- Fundamentals of Information Technology

COURSE OUTCOME:

CO 1: Identify the components of a computer and their functions.

CO 2:   Understand the concept of networking, LAN, Internet, and working of www.

CO 3: Understand the notion of problem solving using computer by programming.

CO 4: Understand the notion of Software Project and the Process of software development.

<h1 style="text-align:center">SEMESTER-II</h1>

<h2 style="text-align:center">DS206- Problem Solving and Python Programming</h2>

COURSE OUTCOME:

CO1: Interpret the fundamental Python syntax and semantics and be

fluent in the use of Python control flow statements.

CO 2: Express proficiency in the handling of strings and functions.

CO 3: Determine the methods to create and manipulate Python programs by utilizing the
data structures like lists, dictionaries, tuples and sets.

CO 4: Identify the commonly used operations involving file systems and

regular expressions.

CO 5: Articulate the Object-Oriented Programming concepts such as

encapsulation, inheritance and polymorphism as used in Python.