

## **B.Sc. Computer Science (B.Sc. CS)**

The objective of this course is to

- a. Form strong foundation of Computer science,
- b. Introduce emerging trends to the students in gradual way,
- c. Groom the students for the challenges of ICT industry

### **SEMESTER - I**

#### **Theory**

- 1.1 Computer Organization and Design
- 1.2 Programming with Python- I
- 1.3 Free and Open Source Software
- 1.4 Database Systems
- 1.5 Discrete Mathematics
- 1.6 Descriptive Statistics and Introduction to Probability
- 1.7 Soft Skills Development

### **SEMESTER II**

#### **Theory**

- 2.1 Programming with C
- 2.2 Programming with Python- II
- 2.3 Linux
- 2.4 Data Structures
- 2.5 Calculus
- 2.6 Statistical Methods and Testing of Hypothesis
- 2.7 Green Technologies