

## **Syllabus for SNUCEE 2025**

### **Subject : CSE**

**Data and types:** int, float, boolean, string, list - variables - expressions - statements - simultaneous assignment - precedence of operators - comments - in-built modules and functions - Conditional: boolean values and operators, conditional (if), alternative (if-else), case analysis (if-elif-else)

Iterations, Functions: function definition, function call, flow of execution, parameters and arguments, recursion - Strings: string slices, immutability, string functions and methods

**Lists :** list operations, list slices, list methods

**Dictionaries :** operations and methods, looping and dictionaries, reverse lookup,

**Tuples :** tuple assignment, tuple as return value, tuple operations