

## **PROGRAMMING SYLLABUS FOR PHD ADMISSION TEST**

Data Types, Operators and Expressions. Variables and constants - declarations -arithmetic and logical operators –Assignment operator –Input/output.

Control Flow: Statements and blocks –if-else, switch, while, for and do-while statements –break and continue–goto and labels.

Functions and Program structure: Basics of functions, Parameter passing –scope rules recursion.

Aggregate data types: Single and multidimensional arrays, structures and unions –Pointers to arrays and structures -passing arrays and pointers as arguments to functions.