

ZED AGE SYLLABUS

C Language

► **C Fundamentals:**

The C character set identifiers and keywords, data type & sizes, variable names, declaration, statements

► **Operators & Expressions:**

Arithmetic operators, relational and logical operators, type, conversion, increment and decrement operators, bit wise operators, assignment operators and expressions, precedence and order of evaluation. Input and Output: Standard input and output, formatted output -- printf, formatted input scanf.

► **Flow of Control:**

Statement and blocks, if - else, switch, loops - while, for do while, break and continue, go to and labels

► **Fundamentals and Program Structures:**

Basic of functions, function types, functions returning values, functions not returning values, auto, external, static and register variables, scope rules, recursion, function prototypes, C preprocessor, command line arguments.

► **Arrays and Pointers:**

One dimensional arrays, pointers and functions, multidimensional arrays.

► **Structures Union and Files:**

Basic of structures, structures and functions, arrays of structures, bit fields, formatted and unformatted files.

