 C-PROGRAMMING (SYLLABUS)

**Duration: 30 Hrs**

**Course Fee: Rs. 3,000/- G-Pay : 98940 83890**

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| **S.No** | **Table of Contents** | **Remarks** |
| **1** | **Introduction to C:**  (Features, Block structure, Data types) |  |
| **2** | **Working with Operators**  (Arithmetic, Relational, Logical, unary,  assignment, ternary, bitwise) |  |
| **3** | **Conditional constructs**  (if, if else, if else if, nested if, switch) |  |
| **4** | **Loop Constructs**  (for, while, do..while, nested, advance for) |  |
| **5** | **Formatted I/O Functions**  (scanf, printf) |  |
| **6** | **Using Arrays**  (one dimensional, two dimensional) |  |
| **7** | **Functions**  (user defined function, built in function String & math,  Passing array to funciton) |  |
| **8** | **Structure & union**  (basic, working with function & array ) |  |
| **9** | **Pointers**  (basic, pointer arithmetic, working with  arrays, functions & string handle) |  |
| **10** | **File**  **(read,wirte,append,fseek,rewind, read and**  **write data using structure)** |  |
| **11** | **Graphics**  (initialization, draw object, animate) |  |
| **12** | **Project** |  |