

## OOPS USING C++ (SYLLABUS)

Duration: 40 Hrs

G-Pay : 98940 83890

Course Fee: Rs. 4,500/-

S.No	Table of Contents	Remarks
1	<b>Introduction to Object Oriented Approach:</b> (methodology, analysis & design, class)	
2	<b>Creating Objects</b> (need for variable & datatypes)	
3	<b>Encapsulation &amp; Abstraction</b> (using Access specifier: private,public,protected, static var & function,Friend function & class)	
4	<b>Operator &amp; Decision Making</b> (operators, conditional constructs, Loop Constructs, Scope of variable-file,local,class)	
5	<b>More about Arrays</b> (Passing array as parameter, ENUM)	
6	<b>More about Functions</b> (string functions, numeric functions, command line parameters, pointer to function)	
7	<b>Constructor &amp; Destructor</b> (need for constructor & destructor life cycle of an object, ::-scope resolution operator)	
8	<b>Polymorphism</b> (static – function & operator overloading, Dynamic – virtual & pure virtual function)	
9	<b>Inheritance</b> (Kinds of relationship, class & inheritance, Access specifiers for Derivation)	
10	<b>File Input &amp; Output</b> (read,wirte,append)	
11	<b>Linked list</b> (Singly Linked List-Insert,delete,truncate)	
12	<b>Project</b>	