



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**COURSE DELIVERY PLAN - LABORATORY**



Page 1 of 5

Department of Information Technology		LP: IT22212
B.E./B.Tech/M.E./M.Tech: IT		Rev. No: 02
Regulation: R22		Date: 13/02/2024
PG Specialisation : NA		
Sub. Code / Sub. Name : IT22212 / OOPS USING C++ AND PYTHON LABORATORY		

Session No*	List of Experiments	CO
<b>CYCLE-I - C++ Programs</b>		
1	Classes and Objects.	1,5
2	Constructors and Destructors.	1,5
3	Friend function and Friend Class.	1,2,5
4	Compile Time Polymorphism: Function Overloading and Operator Overloading.	3,5
5	Inheritance	3,5
6	Runtime Polymorphism; Virtual functions and Abstract Classes.	3,5
7	Function Templates and Class Templates	2,5
8	Exception Handling	3,5
9	Standard Template Library	2,5
<b>CYCLE-II - Python Programs</b>		
10	Classes, Modules and Packages	4,5
11	Basic Inheritance and Multiple Inheritance	5,5
12	Tuples, Dictionaries, List, Sets	4,5
13	Decorator - Design patterns	5
14	Model Exam	-
Content beyond syllabus (if any):		


\* Session Duration: 150 minutes

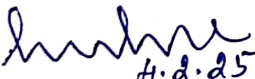



	Prepared by	Approved by
Signature	 13/2/24	 13/2/24
Name	Ms. N. Uma	Dr. V. Vidhya
Designation	AP/IT	HoD/INT
Date	13/02/2024	13/02/2024
Remarks* :		

\* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD

The same lab plan will be followed in the AY 2024-25 even semester.

  
14/2/25  
M.B. M. SUGACINI

  
4.2.25  
M.B. UMADEVI

  
HOD / INT.