

KEC	LABORATORY FORMAT Laboratory session schedule – Computer related labs	Doc No	LT-09
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DEPARTMENT : Computer Science and Engineering

INSTRUCTOR IN-CHARGE : PCD.Kalaivaani

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COURSE NAME : 14CSL32-Object Oriented Programming Using C++ Laboratory

CLASS : II- CSE'C'

SEMESTER : III

S.NO	LAB EXERCISE	PROPOSED DATE	
		BATCH -1 FRI	BATCH - 2 MON
1	Simple C and C++ Programs	5.7.16	6.7.16
2	C++ Program using classes with data members and member functions	12.7.16	13.7.16
3	C++ Program using static members & member functions with default arguments	19.7.16	20.7.16
4	C++ Program with friend functions and function overloading	25.7.16	26.7.16
5	Programs using different types of constructors and destructors	2.8.16	3.8.16
6	Implement Matrix class with dynamic memory allocation and necessary methods	16.8.16	17.8.16
7	Implement complex number class with unary and binary operator overloading.	23.8.16	24.8.16
8	Overload the new and delete operators to provide custom dynamic allocation of memory	30.8.16	31.8.16
9	Program to implement different types of Inheritance.	6.9.16	7.9.16
10	Develop suitable hierarchy of classes to demonstrate dynamic polymorphism.	20.9.16	15.9.16
11	Implement programs with sequential access and random access file.	20.9.16	21.9.16
12	Develop function templates of standard sorting algorithms such as bubble sort, insertion sort.	4.10.16	5.10.16
13	Design stack and queue classes with necessary exception handling	4.10.16	5.10.16
14	Program to create simple manipulator and namespace.	18.10.16	19.10.16
15	*Program using virtual functions	18.10.16	19.10.16
16	Model Lab	25.10.16	26.10.16

P. S. Kalaivaani
30/10/16
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Rajal
30/10/16
HOD/ CSE