OOPS LAB (ETCS - 258)			
Sno).	Experiment	Mapping
1	a.	Write a program to implement linear search.	
	b.	Write a program to implement Bubble sort	CO1
	c.	Write a program for matrix multiplication.	7
2	a.	Write a program to reverse a given number and find its sum using classes.	
	b.	Write a program to check whether given number is Armstrong or not using classes.	CO1
	c.	Write a program to print all numbers upto given numbers using classes.	1
	a.	Write a program to illustrate the concept of array of objects using classes.	
3	b.	Write a program to illustrate the concept of static data member.	CO2
	c.	Write a program to illustrate the concept of static data functions.	
	a.	Write a program to implement the concept of pass by value using TIME class.	
4	b.	Write a program to implement the concept of call by reference using friend	CO2
		function.	
	a.	Write a program to implement the concept of constructor overloading using	
5	h	complex number class. Write a program to find the greatest of two number using friend function.	CO2
	b.	Write a program to find the greatest of two number using friend function. Write a program to implement the concept of constructor and destructor.	-
	c.	Write a program to implement the concept of constructor and destructor. Write a program to overload assignment(<=) operator.	
6	a.	Write a program to overload binary(+) operator. Write a program to overload binary(+) operator.	CO3
	b.		
7	a.	Write a program to implement Single inheritance	GOA
7	b.	Write a program to implement Multiple inheritance.	CO3
	c.	Write a program to implement Multilevel inheritance.	
8	a.	Write a program to implement Hybrid inheritance. Write a program to implement Hybrid inheritance with virtual function.	CO3
	b.		
9	a.	Write a program to implement Template function max 3 numbers.	
	b.	Write a program to implement Bubble Sort	CO3
	c.	Write a program to find maximum element in an array.	
	a.	Write a program to implement compile time polymorphism.	CO3
	b.	Write a program to implement runtime polymorphism.	
	a.	Write a program to implement class string.	4
11	b.	Write a program to overload (+) operator to concatenate string.	CO4
	c.	Write a program to overload (=) operator to copy string.	
	d.	Write a program to overload (<=) operator for string comparison.	
	a.	Write a program to read and write to a file.	
	b.	Write a program to concatenate two strings without library functions.	CO4
	c.	Write a program to find number of vowels in a string.	<u> </u>
13	a.	Write a c++ program to explain concept of pointer to object	CO5
	b.	Study the concept of components of template meta programming	
	c.	Compile time code optimization	
	d.	Implement the rule of Big 5 in a program	