S.No	Date (Batch - I)	Date (Batch - II)	Experiment
1	8/10/14	10/10/14	Exercise 1 a) Write C programs for calculating • Temperature conversions • Income tax ⬜ Area of triangle a) Write a C program that reads an integer 'n' and rotate 'n' bit positions b) Write a C program to swap contents of two variables without using third variable.
2	15/10/14	24/10/14	Exercise 2 a) Write a C program to find the student's grade for given marks. b) Write a C program to find the greatest of 3 given numbers. c) Write a C program which takes two integer operands and one operator from the user, perform the operation and then prints the result. (Consider the operators +,-,*, /, % and use Switch Statement)
3	22/10/14	31/10/14	Exercise 3 a) Write a C program to find the sum of individual digits of a positive integer. b) Write a C program to generate the first 'n' terms of the Fibonacci sequence. c) Write a C program to generate all the prime numbers between 1 and 'n'. d) Write a C program to find the reverse a given number.
4	29/10/14	7/11/14	Exercise 4 a) Write a C program for Addition and multiplication of two Matrices. b) Write a C program to find the transpose of a matrix in in-place manner.
5	05/11/14	21/11/14	Exercise 5 Write a C program that uses functions to perform the following operations: a) To insert a sub-string in to given main string from a given position. b) To delete n Characters from a given position in a given string. c) Simple programming examples to manipulate strings. d) Verifying a string for its palindrome property

6	26/11/14	28/11/14	Exercise 6 Write C programs that use both recursive and non-recursive functions for the following a) To find the factorial of a given integer. b) To find the GCD (greatest common divisor) of two given integers.
7	03/12/14	5/12/14	Exercise 7 a) Write a C functions to find both the largest and smallest number of an array of integers. b) Write a C function that uses functions to perform the following: i) that displays the position/ index in the string S where the string T begins, or –1 if S doesn't contain T. ii) to count the lines, words and characters in a given text.
8	17/12/14	19/12/14	Exercise 8 a) Write a C function to generate Pascal's triangle. b) Write a C function to construct a pyramid of numbers. c) Write a C function to read in two numbers, x and n, and then compute the sum of this geometric progression: $1+x+x2+x3+\ldots\ldots\ldots+xn$
9	24/12/14	26/12/14	Exercise 9 a) Write a C program Pointer based function to exchange value of two integers using passing by address. b) Write a C program which explains the use of dynamic arrays. c) Write a C program to enlighten dangling memory problem (Creating a 2-D array dynamically using pointer to pointers approach.
10	31/12/14	02/1/15	Exercise 10 Write a C programs for Examples which explores the use of structures, union and other user defined variables
11	31/12/14	02/1/15	Exercise 11 Write a C program that uses functions to perform the following operations using Structure: a) Reading a complex number b) Writing a complex number c) Addition of two complex numbers d) Multiplication of two complex numbers

12	07/1/15	09/1/15	Exercise 12 a) Write a C program which copies one file to another. b) Write a C program to reverse the first n characters in a file. (Note: The file name and n are specified on the command line)