

Teaching Scheme (per week)	
Th. (hours)	Pr. (hours)
--	3

Examination Scheme					
INT		EXT		TOTAL	
Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)
--	30	--	70	--	100

Practical based on Logic development using programming language – ‘C’

University Examination Duration : 3 Hours (Per Batch)

Practical List

1. Write a C program to display “hello computer “ on the screen.
2. Write a C program to display your address in different lines.
3. Write a C program to find the area of circle using the formula $Area = \pi * r * r$.
4. Write a C program to find the area of rectangle, cube and triangle.(Formula are :
Rectangle= $l*b*h$, triangle = $\frac{1}{2} * l * b$, cube = $L*L*L$)
5. Write a C program to check the accepted no is negative positive or zero.
6. Write a C program to find the maximum no from given three nos.
7. Write a C program to convert centigrade into Fahrenheit.
(Formula: $C = (F-32)/1.8$)
8. Write a C program to find the sum of digit of accepted no.
9. Write a C program to find the sum of first 100 odd nos. and even nos.
10. Write a C program to display first 25 Fibonacci nos.
11. Write a C program to display first 100 prime nos.
12. Write a C program to find factorial of accepted nos.
13. Write a C program to print accepted no and its reverse no.
14. Write a C program to find whether the accepted string is palindrome or not.
15. Write a C program to convert decimal to binary.
16. Write a C program to convert decimal to octal.
17. Write a C program to convert decimal to hexa.
18. Write a C program to arrange the accepted numbers in ascending order and descending order.
19. Write a C program to convert given line into upper case or lower case character as user want.
20. Write a C program to check the accepted no is prime no or not.
21. Write a C program to find the frequency of entered different integer nos.
22. Write a C program to accept two different integer array , merge it and sort it to ascending order.
23. Write a C program find smallest character from line.
24. Write a C program to count no of word, character, line and space from given text.
25. Write a C program to sort given string in ascending order.

26. Write a C program to display following output on the screen.

```
1
1 2
1 2 3
1 2 3 4
.....
.....
```

27. Write a C program to display following output on the screen.

```
1
2 2
3 3 3
4 4 4 4
. . . . .
. . . . .
```

28. Write a C program to display following output on the screen.

```
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
```

29. Write a C program to display following output on the screen.

```
      1
     0 1
    1 0 1
   0 1 0 1
```

30. Write a C program to display following output on the screen.

```
1
1 0
1 0 1
1 0 1 0
1 0 1 0 1
```

31. Write a C program to display following output on the screen.

```
      1
     1 0
    1 0 1
   1 0 1 0
  1 0 1 0 1
```

32. Write a C program to display following output on the screen.

```
      1
     2 2
    3 3 3
   4 4 4 4
  5 5 5 5 5
```


33. Write a C program to display following output on the screen.

```
1
 2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

34. Write a C program to display following output on the screen

```
*
**
***
****
*****
```

38. Write a C program to display following output on the screen.

```
 *
  **
 ***
****
*****
```

39. Write a C program to display following output on the screen

```
C
CP
CPR
CPRO
```

```
CPROGRAMMING
```

```
CPRO
CPR
CP
C
```

40. Write a C program to print the numbers which is divisible by 5 between 1 to 100.

41. Write a C program to GCD of given two integer nos.

42. Write a C program to print the entire prime no between 1 to 50.

43. Write a C program to find maximum & minimum value from the given array.

44. Write a C program to find next minimum from the given array.

45. Write a C program to print the student detail (like roll no, name, address, city, phone) using structure.

46. Write a C program to print memory address of given integer no.

47. Write a C program to find factorial of given no using UDF.

48. Write a C program to swap value of two integer no using UDF and pointer.

49. Write a C program to create one text file store some information on it and print same information on terminal

50. Write a C program to create one integer value contained file. From this file create another twofile one for odd and second for even no. print the result of both file on terminal.

51. Create one file insert some information into it. Using fprintf() and fscanf() function.

52. Write a C program to work as a dos type command using command line argument.

53. Write a C program to work as a dos copy command using command line argument.