



## **INDEX**

| S.NO. | NAME OF THE EXPERIMENTS   | CONDUCTION DATE | INSTRUCTOR'S<br>SIGNATURE |
|-------|---|-----------------|---------------------------|
| 1     | Write a C program to demonstrate the programming environment in C. Explain each basic entity required to build a program including the compilation and run process. |                 |                           |
| 2     | Write a C program to demonstrate the use of printf() and scanf() statements to read and print values of variables of different data types                           |                 |                           |
| 3     | Write a C program to demonstrate the use of assignment operator.  |                 |                           |
| 4     | Write a C program to displays the size of every data type.  |                 |                           |
| 5     | Write a C program to perform addition, subtraction, division, and multiplication on two integers and two floating point numbers.                                    |                 |                           |
| 6     | Write a C program to swap two numbers using and without using a temporary variable  |                 |                           |
| 7     | Write a C program to calculate the distance between two points  |                 |                           |
| 8     | Write a C program to calculate the area of a triangle using Hero's formula.   |                 |                           |
| 9     | Write a C program to show the use of relational operators.  |                 |                           |
| 10    | Write a C program to illustrate the use of unary prefix/postfix increment and decrement operators.  |                 |                           |
| 11    | Write a C program to find the largest of two numbers using ternary operator.  |                 |                           |
| 12    | Write a C program to print the ASCII value of a character.  |                 |                           |
| 13    | Write a C program to read a character in upper case and then print in lower case.   |                 |                           |
| 14    | Write a C program to convert degrees Fahrenheit onto degree Celsius.  |                 |                           |
| 15    | Write a C program to convert a floating-point number into the corresponding integer and vice versa.   |                 |                           |

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Roll No

B. Tech (1st Semester, Section:-B(P1)