**PSG COLLEGE OF TECHNOLOGY**

**DEPARTMENT OF APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCES**

**VI SEM – M.Sc SOFTWARE SYSTEMS**

**15XW66 PRINCIPLES OF COMPILER DESIGN LAB**

**Basic LEX programs -WORKSHEET - 3**

Write a LEX program to perform the following:

1. To check the given number is prime or not
2. To count number of words in the given string
3. To perform arithmetic operations ( add, subtract, multiply, division and modulo division)
4. To count number of vowels in the given string
5. To replace all vowels with the symbol ”&” in the given string