



**NRI INSTITUTE OF INFORMATION
SCIENCE & TECHNOLOGY
DEPARTMENT NAME: MASTER OF
COMPUTER APPLICATION**

**FORM
NO**

NIIST/A/10

BRANCH

MCA

LIST OF EXPERIMENTS

**REV.
NO**

0

SEM

IV

**REV.
DT**

30/06/2011

SUBJECT/CODE : LAB OF Elective Advance Python, CCT , IS / MCA-404

1	Write a program to count the numbers of characters in the string and store them in a dictionary data structure Write a program to use split and join methods in the string and trace a birthday of a person with a dictionary data structure
2	Write a program to count frequency of characters in a given file. Can you use character frequency to tell whether the given file is a Python program file, C program file or a text file? Write a program to count frequency of characters in a given file. Can you use character frequency to tell whether the given file is a Python program file, C program file or a text file?
3	Write a program to print each line of a file in reverse order. Write a program to compute the number of characters, words and lines in a file.
4	Write function to compute gcd, lcm of two numbers.
5	Working of Google Drive to make spreadsheet and notes.
6	Installation and Configuration of Justcloud.
7	Working in Cloud9 to demonstrate different language.
8	Perform encryption, decryption using the following substitution techniques i. Ceaser cipher
9	Apply DES algorithm for practical applications.
10	Apply AES algorithm for practical applications