Date: 27th Sep, 2016

## <u>Lab Assignment</u> <u>Security Lab (CS 403)</u>

- 1. Write a program to find the order of a group element.
- 2. Write a program to test whether a group is cyclic or not. And if it is, find all the generators of the cyclic group.
- 3. Write a program to implement RSA public key cryptosystem.