Network & Information Security (CT-460)

## Semester Project, Fall 2019, Max Marks=20 [10 Lab+10 Theory]

* Report, **NO Plagiarism** [Similarity should be <=10% ],
* Presentation and Demonstration

### Objectives:

1. Students are required to prepare the test environment.
2. Launch one of the security attacks in the given environment.
3. Protection against that attack.
4. Brief Report.

* **Web Security**
  + OWASP Zed Attack Proxy (ZAP)
  + Burp Suite Community Edition
  + Kali Linux
* **Containers Security** 
  + Kubernetes
* **Intrusion Detection**
  + Snort
  + Suricata
* **SDN Security**
  + ONOS SDN Controller
  + Mininet
* **Malware Analysis**
  + Cuckoo
* **Digital Forensics**
  + Autopsy