**College of Applied Business and technology**

Gangahity, Chabahil, Kathmandu, Nepal

(Affiliated to Tribhuvan University)



**Laboratory Report**

**of**

**NETWORK SECURITY (CSC - 416)**

**Submitted by:** **Submitted to:**

**Name:** Arnav Sharma **Instructor:** Indra Chaudhary

**Roll No:** 103

**Semester:** Seventh

**Faculty:** Science and Technology

**Level:** Bachelor

**Program:** CSIT

**Laboratory Assignment Log Sheet**

|  |  |  |
| --- | --- | --- |
| **Task No.** | **Title** | **Signature** |
| 1 | Preparing Lab Environment |  |
| 2 | User, Group, Permission |  |
| 3 | Users and Groups Administration |  |
| 4 | Firewall Configuration |  |
| 5 | Configuring SSH Server to allow/deny root login and allow/deny users login |  |
| 6 | Configuring SSH Server to allow/deny SSH login from selected hosts only |  |
| 7 | Configuring SSH Server for direct SSH login by generating and publishing private and public key |  |
| 8 | Secure Network Copy using “SCP” |  |
| 9 | Security Enhanced Linux (SE Linux) |  |
| 10 | Configuring SSL-Enabled Apache (HTTPS) Server  (self-signed) |  |