Indian Institute of Information Technology, Allahabad
Department of Information Technology

Program Code & Semester: B.Tech (BI)- 6$^{\text{th}}$ Semester.

Course Title: Computer Security
Instructor: S. Venkatesan
Tutorial and Practical Assignment - 3 (Component 1)

Important Note: 1. To be done Individually, 2. Duration: Two weeks

1. **Practical: Buffer Overflow Attack** - Implement Stack Overflow Attack

2. **Tutorial: Salt** - Analyse the advantage of using Salt in password.

3. **Tutorial: Windows** - Analyse the Windows OS security

4. **Practical: Linux** - Analyse the available Linux Security related commands and scripts such as chmod, chown, user creation, creating groups, adding user in root group, how to avoid privilege escalation, .htaccess, etc.