

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Electrical or Computer Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• Knowledge of Internet technologies• Good understanding of IP telephony and networking concepts

Project Details

Title	Research on Virtual Number Implementation for VoIP and its Security Implications
Overview/Background	Virtual phone number is a standard offering by VoIP service providers to enable long distance call at local charges. Since virtual numbers do not link to phone lines, there have been concerns that criminals or terrorists can easily mask their true locations or identity when they adopt such numbers for their communications.
Objectives/Scope/ Deliverables	<ul style="list-style-type: none">• Understand how VoIP Virtual numbers are implemented and differentiate them from typical VoIP Network/Service model• Explore the security implications involved and study possible means to circumvent exploitations
Project Duration	2-4 months