Colloquium

Date and time: Friday, October 16, 2015, 11:00 - 12:00
Venue: BB213

Title: Are You Secure in the Cyber Space? - A look over current cyber-attacks and countermeasures

Speaker: GAURAV VARSHNEY
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Abstract: As everything is moving on the web, there are imminent threats over the safety of data and transactions. In one way or the other, the life of individuals is connected to the internet. From social networking to online payments, banking, e-commerce everywhere there is an access to web. This fast pace move over the Internet with online transactions and user’s personal data, attackers are implicitly getting lured to carry out notorious activities such as cyber frauds, cyber espionage, cyber ransom, privacy and identify thefts. As in the past, challenges were confined to securing hosts and networks; there has been little work in the area of securing the web. In this talk, I will discuss the current cyber-attacks, the underlying threats and vulnerabilities with a set of mitigation strategies which must be applied into practice to thwart most of the attacks and provide safety to user’s over the web.

Speaker’s brief bio: Gaurav Varshney is a PhD student at IIT, Roorkee. He is currently a Visiting Scholar (with Prof. Pradeep Atrey) at the Dept. of Computer Sc., SUNY, Albany. His research interests include securing users against cyber spying and developing advanced authentication schemes for thwarting phishing attacks. He has done his Master’s from IIT, Roorkee in 2012 in the area of phishing prevention schemes. Gaurav has also worked with Qualcomm, India (2012-14) as an Engineer and done internships at Tata research development and design center, Pune India and Pure Testing private limited Noida. Gaurav also specializes in developing security apps and extensions over chrome and android, some of which are currently available at the webstore.

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