



Prof. Ponnurangam Kumaraguru “PK”

Associate Professor | IIIT Delhi

Biography

Ponnurangam Kumaraguru ("PK") Associate Professor, is currently the Hemant Bharat Ram Faculty Research Fellow at the Indraprastha Institute of Information Technology (IIIT), Delhi. PK is also the Founding Head of Cybersecurity Education and Research Centre (CERC) & is one of ACM India Eminent Speakers.

He received his Ph.D. from the School of Computer Science at Carnegie Mellon University (CMU). His research interests include Privacy, e-Crime, Online Social Media, and Usable Security, in particular, these days he has been dabbling with complex networked systems (e.g. social web systems like Twitter, Facebook, and telephone logs).

He is also very passionate about issues related to human computer interaction. PK is a Co-Principal Investigator in a project approved at the Europe Union FP7 which is about 5.3 million Euros.

He is serving as a PC member in prestigious conferences like WWW, AsiaCCS and he is also serving as a reviewer for International Journal of Information Security and ACM's Transactions on Internet Technology (TOIT).

Abstract on the Topic of the Presentation

Privacy and Security in Online Social Media (PSOSM)

With increase in usage of the Internet, there has been an exponential increase in the use of online social media on the Internet. Websites like Facebook, Google+, YouTube, Orkut, Twitter and Flickr have changed the way Internet is being used. There is a dire need to investigate, study and characterize privacy and security on online social media from various perspectives (computational, cultural, psychological).

Real world scalable systems need to be built to detect and defend security and privacy issues on online social media. I will describe briefly some cool ongoing projects that we have: Twit-Digest, MultiOSN, Finding Nemo, OCEAN, Privacy in India, and Call Me MayBe.

Many of our research work is made available for public use through tools or online services. Our work derives techniques from Data Mining, Text Mining, Statistics, Network Science, Public Policy, Complex networks, Human Computer Interaction, and Psychology.