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Workshop on  
**“Advances in Information Security”**

February **24-25**, 2009

Punjab Engineering College, Sector 12, Chandigarh

Cyber Security Research Centre in association with CDAC, Bangalore is jointly organizing a two day workshop on **“Advances in Information Security”** in Punjab Engineering College, Chandigarh. The Centre pioneers in bringing together academia, government, Law Enforcement agencies and industry to explore all aspects of information security and trust.

In view of the emerging Information Security challenges Cyber Security Research Centre, PEC, Chandigarh and CDAC, Bangalore have come together to jointly organize a two day workshop on "Advances in Information Security " to provide awareness and training covering issues relating to the Information Security and Implementations. This two-day workshop is designed to increase the depth of knowledge and skills of IT managers responsible for administering and securing information systems and networks. The goal of this workshop is also to bring together researchers and practitioners from academia and industry to focus on understanding Modern security threats and countermeasures and establishing new collaborations in these areas.

The first day of the workshop is being conducted under the auspices of the Controller of Certifying Authorities (CCA), Department of Information Technology, Ministry of Communications & Information Technology, Government of India. The objective for this day is to focus on Public Key Infrastructure covering the technical aspects of Cryptography, PKI components, and Business issues along with demonstration of PKI enabled applications. Detailed course content for this day is available at <http://www.pki-outreach.in>.

The second day shall cover various aspects of Network Security threats & countermeasures related to wired and wireless network security. This includes sessions covering practical insights on various attacks such as DDoS, Session Hijacking, Replay attack, Traffic analysis etc. Expert talks in the area of web security and wireless security shall also be delivered which shall highlight issues in wireless security such as logging, wifi forensics, policies and implementation. The speakers for the workshop will be CDAC-Bangalore and CSRC.

In this given context, I am writing to you with a special request to kindly join us in this important workshop on February 24-25, 2009. It shall be a pleasure if you could also nominate one or two appropriate person of your organization to participate in this workshop and confirm the same via e-mail at [csrc@pec.edu.in](mailto:csrc@pec.edu.in).

Yours sincerely

(Sanjeev Sofat)  
Coordinator, CSRC

## Workshop Agenda

### Tuesday, February 24, 2009

9:30 am to 10:00 am	Registration
10:00 am to 11:00am	Inaugural Ceremony
11:00 am to 11:30 am	Tea & Coffee Break
11:30 am to 12:30 pm	Introduction to Cryptography
12:30 pm to 1:15 pm	PKI Components
1:15 pm to 2:15 pm	Lunch
2:15 pm to 3:00 pm	Indian IT Act 2000
3:00pm to 3:30 pm	PKI Business Issues & Policies
3:15 pm to 3:30 pm	Tea & Coffee Break
3:30 pm to 4:00 pm	Root Certificate Authority of India (RCAI)
4:00pm to 5:00pm	Demonstrations

### Wednesday, February 25, 2009

9:30 am to 11:00 am	Network Security : Packet Capturing & Analysis
11:00 am to 11:15 am	Tea & Coffee Break
11:15 am to 12:15 pm	Advanced attacks on wired networks
12:15 pm to 1:15pm	Wireless Forensics
1:15 pm to 2:15 pm	Lunch
2:15 pm to 3:15 pm	Advanced attacks in wireless networks
3:15 pm to 3:30 pm	Tea & Coffee Break
3:30 pm to 4:30 pm	Advanced web attacks and Countermeasures
4:30 pm to 5:00 pm	Closing Ceremony