



International School of
Information Management
University of Mysore

Collaborating Partners	International School of Information Management
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CYBER SECURITY WORKSHOP



ISiM Executive Education Programme

Cyber Security Workshop
Overcoming the Challenge of IT Security

October 15-19, 2007 Bangalore

International School of Information Management

Management School for IT, Technology School for IM

ISiM is a new age school for the knowledge society. Committed to prepare the information professionals of tomorrow, ISiM trains professionals to design, develop, implement, manage and evaluate information systems in a wide range of environments in the global context. ISiM @ University of Mysore – a Ford Foundation Funded Initiative is pioneering the I-School movement in Asia in partnership with leading Universities in the US – University of Michigan, University of Pittsburgh, and Syracuse University; the Dalhousie University, Canada and International Institute of Information Technology, Bangalore. Informatics India, Bangalore is the Industry partner.

ISiM offers

- M. Tech in Information Systems & Management (Two-Year Full Time Programme)
- Doctoral Degree Programmes
- Executive Education Programmes

Executive Education Programme

ISiM Executive Education Programmes help individuals and organizations to leverage on technology management through our courses that integrate technical expertise with management.

Our Executive Education Programmes enables you to accumulate credits and complete your Certificate / Diploma / Degree in a flexible manner. Each Workshop in the Executive Education Programme Series is a 3 Credit programme. The classification and required credits for the different levels of certification are as follows:

Certificate in Information Systems & Mgmt. 18 credits

Diploma in Information Systems & Mgmt. 30 credits

M. Tech in Information Systems & Mgmt. 60 credits

Faculty

Dr. Srinivas Sampalli is a Professor of Computer Science and 3M Teaching Fellow at Dalhousie University, Halifax, Canada. His research work is in the area of security and quality of service in wireline and wireless networks. He has been involved in national research projects on vulnerabilities, security best practices, risk mitigation and analysis, and the design of secure networks. He was the Dalhousie principal investigator for the Secure Active VPN Environment (SAVE) project sponsored by the Canadian Institute for Telecommunications Research (CITR) and is currently the principal investigator for the Wireless Security project sponsored by Industry Canada. He has received many teaching awards. Most recently, he received the 2005 3M Teaching Fellowship, Canada's national teaching acknowledgement.

Dr. Srinivas Sampalli



Background and Context

Cyber Security is becoming increasingly important in today's networked world and is impacting every aspect of the society including finance, healthcare, government, education, arts and entertainment. The objective of this workshop is to teach the basic principles of cyber security from the perspective of providing security awareness and its best practices for the real world.

Objective of the Workshop

- ★ Provide an overview of the Internet security.
- ★ To familiarize about the anti-virus, anti-spam and anti-spyware tools currently available.
- ★ To learn the latest Internet security techniques, firewalls etc.
- ★ To provide a basic knowledge of ethical hacking.

Topics Covered

Motivation for security.

Tools and Techniques used by adversaries to gather information and launch attacks.

Virus protection, Secured credit card and bank transactions, Wireless security.

Computer Forensics, Identity theft and protection, Anti-phishing and biometric security.

Case studies from security practices in real-world scenarios.

Workshop Highlights & Benefits to Participants

- ★ Get an awareness of the threats and vulnerabilities in today's digital world.
- ★ Understand the basics of Networking, Internet, Network tools and utilities.
- ★ Understand the tools and techniques used by adversaries to launch intrusions.
- ★ Get an awareness of identity theft and Internet fraud and how to protect against them.
- ★ Gain knowledge of the best practices for security, safe Internet transactions, credit card security and secure web surfing.
- ★ Understand the principles of computer forensics and biometric security.
- ★ Learn the latest tools and techniques in network security.
- ★ Learn the design techniques for security.

Participant Profile

The workshop is targeted for audience in a wide range of professions including finance, banking, management, health care, arts, entertainment etc. The Workshop is designed for an audience who use computers and networks on a daily basis but do not necessarily have a technical background in computer science. However, people with an IT background who need an introduction to security technologies will also benefit from the workshop. A working knowledge of computers and its applications is essential.

Registration Fee: INR 15,000*

Venue

Conference Hall

Informatics (India) Ltd

No. 194, R.V. Road, Basavanagudi, P.B. No. 400, Bangalore 560 004, India, Tel: +91-821-40387777

* Registration Fee includes teaching materials, lunch and refreshments

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