Launch of the 'Academy of ICT Essentials for Government Leaders' and National Workshop on E-Government, Information Security and Privacy

- AIDE MEMOIRE -

3-6 September, 2013
Jaic Hilton, Colombo, Sri Lanka

Organized by:

Information and Communication Technology Agency (ICTA) of Sri Lanka
&
United Nations Asian and Pacific Training Centre for
Information and Communication Technology for Development (UN-APCICT/ESCAP)

BACKGROUND

The United Nations Asian and Pacific Training Centre for ICT for Development (UN-APCICT/ESCAP) was established in June 2006 as a regional institute of the Economic and Social Commission for Asia and the Pacific (ESCAP) in Incheon, Republic of Korea. The mission of APCICT is to build the human and institutional capacity of the 62 ESCAP member and associate member States to use ICTs for socio-economic development and attainment of the Millennium Development Goals. To achieve its mission, APCICT delivers ICT human capacity building services through four distinct yet inter-related pillars of its work, namely serving as a multilateral cooperation mechanism, training, research and knowledge sharing, and advisory services.

Since its inception, APCICT has designed and executed impactful ICT for development (ICTD) capacity building programmes to bridge the digital divide. The Centre's flagship training programme is the *Academy of ICT Essentials for Government Leaders* ('Academy'), which aims to impart training using an 11-module curriculum to policymakers and government officials for leveraging the potential of ICTs for achieving national development goals. Since its launch, the Academy has been rolled-out out in 26 countries in the region. The Academy is currently available in 12 languages.

To initiate the launch and roll-out of the Academy in Sri Lanka, the Information and Communication Technology Agency (ICTA) of Sri Lanka and APCICT will co-organize the first Academy Workshop in the country on 3 to 6 of September, 2013 in Colombo. This marks an important step in strengthening the knowledge of the country's government officials on leveraging ICTs to achieve national development goals. The national workshop will involve training on Academy Module 3 (e-Government Applications) and Module 6 (Information Security and Privacy).

Academy Module 3, 'e-Government Applications'
e-Government is generally defined as "the use of digital technologies to transform government operations in order to improve effectiveness, efficiency and service delivery to its citizens." Module 3 is a comprehensive introduction on e-government that showcases various essential ICT applications in delivering e-government, including their key elements and concepts, principles and types of applications, strategies and important determinant factors in successfully implementing e-government and a future roadmap. It also discusses how an e-government system is built by providing detailed analyses of exemplar systems and identifying design considerations.

Academy Module 6, 'Information Security and Privacy'
As ICT becomes more prevalent in today's highly networked world, policymakers and other government officials need to understand how to ensure secure systems while maintaining user privacy. In an environment filled with aggressive hackers and attackers, networked systems in developing

economies are just as, if not more, vulnerable to network sniffers, denial of service attacks, malicious code such as worms or viruses, and hacker attacks as are developed countries. Module 6 provides participants with a high-level understanding of the current threats to ICT security and helps them understand the safeguards governments need to take to ensure secure ICT systems. However, to ensure technology adoption by many users, this security must not come at the expense of abuses to users' privacy. Therefore, this module also discusses issues pertaining to ensuring user privacy.

OBJECTIVES

The national workshop on Academy Modules 3 and 6 aims to:

- Increase awareness and build capacities of government officials and trainers on e-Government applications (Module 3) as well as on information security and privacy protection (Module 6);
- Strengthen the pool of resource persons who can advocate and deliver training on Academy;
- Provide an invaluable opportunity for the exchange of experiences and knowledge among participants from different institutions/agencies;
- Establish a strong network of national trainers and training institutions committed to promoting ICTD capacity building of government officials;
- Discuss further national roll-out strategies of the Academy and Modules 3 and 6; and
- Strengthen existing partnerships and build new ones in order to extend the reach and impact of the Academy.

PARTICIPANTS

The workshop will be attended by around 40 mid-level government officials and trainers from various government agencies, academia, and training institutions.

AGENDA

3 SEPTEMBER 2013 (DAY 1 - TUESDAY)

LAUNCH OF THE ACADEMY IN SRI LANKA AND
ACADEMY MODULE 3: E-GOVERNMENT APPLICATIONS

TIME	DESCRIPTION
08:30 – 09:00	**Registration of Participants**
Opening Session and Launch of the Academy In Sri Lanka	
09:00 – 09:15	**Lighting of Traditional Oil Lamps and Sri Lanka National Anthem**
09:15 – 09:45	**Welcome Address and Purpose of the Event** • Prof. P.W. Epasinghe, Chairman ICTA and Advisor to H.E. the President • Dr. Hyeun-Suk Rhee, Director, UNESCAP/APCICT
09:45 – 10:15	**Introduction to the 'Academy of ICT Essential for Government Leaders' (by APCICT)**
10:15 – 10:30	**Signing of documents / exchange of documents to mark the Academy launch in Sri Lanka**
10:30 – 11:00	**Speech by the Guest of Honour** • **Hon. Deputy Speaker Chandima Weerakkody**
11:00 – 11:10	**Note of Thanks for Invitees**
11:10 – 11:30	*Tea Break*
Academy Workshop	
11:30 – 11:50	**Introduction and purpose of the workshop (by ICTA)**
11:50 – 12:00	**Introduction of the Module Authors (by APCICT)**
12:00 – 12:15	**Self-introduction of the participants**
12:15 – 12:30	**Group Photo**
12:45 – 13:30	*Lunch*
Module 3, 'e-Government Applications' *Resource Persons:* *Dr. Emmanuel Lallana, Chief Executive Officer, IdeaCorp., Philippines* *Dr. Kwangsok Oh, Senior Research Fellow, National Information Society Agency, Republic of Korea*	
13:30 – 15:00	**Module 3 - Session 1** (Overview of e-Government) • Provide background knowledge on the basic concepts and key elements of e-Government; • Explain general framework of e-Government; • Describe important success factors as well as barriers to achieving success in e-Government.

15:00 – 15:30	**Break**
15:30 – 17:00	**Module 3 - Session 2** (e-Government Strategic Planning & Government EA) • Introduce process of defining strategy for e-Government • Explain Government Enterprise Architecture as an effective tool for e-Government planning
17:00 – 17:30	**Q&A**
18:00 – 20:00	**Dinner (Sponsored by APCICT)**

4 SEPTEMBER 2013 (DAY 2 - WEDNESDAY)

ACADEMY MODULE 3: E-GOVERNMENT APPLICATIONS

TIME	DESCRIPTION
08:30 – 09:00	**Registration**
09:00 – 10:30	**Module 3 – Session 3** (Types of e-Government Applications & Government to Citizen (G2C) Applications) • Identify different types of e-Government applications; • Discuss key citizen-centric e-Government services.
10:30 – 11:00	*Break*
11:00 – 12:30	**Module 3 - Session 4** (Government to Business Applications) • Explore major business-centric e-Government services; • Enhance knowledge on G2B interaction and transaction.
12:30 – 13:30	*Lunch*
13:30 – 15:00	**Module 3 - Session 5** (Government to Government Applications, Common Infrastructure, and Other Applications) • Discuss G2G applications involving sharing data and conducting reciprocal activities within government agencies; • Examine e-Government infrastructure needed to provide connected government services as well as KMS.
15:00 – 15:30	*Break*
15:30 – 17:00	**Module 3 - Session 6** (Trends and Future Directions for e-Government) • Provide an overview of global trends in e-Government; • Discuss reasons behind Gov 2.0, m-Government, and cloud computing; • Summarize future directions for e-Government.
17:00 – 17:30	**Module 3 – Q&A and Wrap Up** • Share views and experience among participants; • Conclude with summary.

5 SEPTEMBER 2013 (DAY 3 - THURSDAY)

ACADEMY MODULE 6: INFORMATION SECURITY AND PRIVACY

TIME	DESCRIPTION
08:30 – 09:00	**Registration**
	Module 6, 'Information Security and Privacy' *Resource Persons:* *Mr. Freddy Tan, Microsoft* *Mr. Sanjay Bahl, Senior Consultant, Indian Computer Emergency Response Team*
09:00 – 10:30	**Module 6 - Session 1** (Need for Information Security) • Introduce the concept of information and information security, with the objective of recognizing the importance for information security • Examine the domains of information security and which of those are emphasized in international standards
10:30 – 11:00	*Break*
11:00 – 12:30	**Module 6 - Session 2** (Information Security Trends and Directions) • Provide an overview of the targets for attacks by understanding current trends in information security threats • Conclude with an examination of existing available methods to defend against information security threats
12:30 – 13:30	*Lunch*
13:30 – 15:00	**Module 6 - Session 3** (Information Security Activities) • Examine on the information security activities of the USA, EU, Korea and Japan • Conclude with a discussion on information security activities of the international organizations and the roles of international standard organizations related to information security
15:00 – 15:30	*Break*
15:30 – 17:00	**Module 6 - Session 4** (Information Security Methodology) • Provide an understanding of the administrative, physical, and technical aspects of Information Security Methodology • Conclude with an discussion on how the information security methods are applied in advanced countries
17:00 – 17:30	**Q&A**

6 SEPTEMBER 2013 (DAY 4 - FRIDAY)

ACADEMY MODULE 6: INFORMATION SECURITY AND PRIVACY
CLOSING CEREMONY AND AWARDING OF CERTIFICATES

TIME	DESCRIPTION
08:30 – 09:00	**Registration**
09:00 – 10:30	**Module 6 - Session 5** (Protection of Privacy) • Understand the concept of Privacy • Privacy policy trends of international organizations and a selection of countries • Explanation and examples of Privacy Impact Assessment (PIA)
10:30 – 11:00	*Coffee Break*
11:00 – 12:30	**Module 6 - Session 6** (CSIRT Establishment and Operation) • Understand how to establish and operate a national Computer Security Incident Response Team (CSIRT) • Understand diverse CSIRT models
12:30 – 13:30	*Lunch*
13:30 – 15:00	**Module 6 - Session 7** (Life Cycle of Information Security Policy and Wrap up of Module 6) • Key components policymakers should take into account when they establish a national information security policy and enforce it
15:00 – 15:30	**Q&A**
15:30 – 16:00	*Break*
16:00 – 17:00	**Round Table Discussion on the Academy Programme** *Discussion Points:* ▪ *What topics/areas would you like to see covered by new Academy Modules in the future?* ▪ *How can the Academy programme be effectively marketed to expand the stakeholder base?* ▪ *What kind of outreach strategy is necessary?* ▪ *How can the reach and usage of online tools (e.g. APCICT Virtual Academy, e-Collaborative Hub) be improved?* ▪ *Any other relevant discussion points*
17:00 – 17:30	**Closing Session** • Distribution of Certificates to Participants • Closing addresses by CEO ICTA and Director UNAPCICT
18:30 – 20:00	**Networking Dinner**

* * * * * *