



IT Policy Program for Senior Officials

October 23 ~ 31, 2007  
Korea



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## Invitation

It is my great pleasure to invite you to IT Policy Program for Senior Officials (IPPSO), to be offered by Information and Communications University (ICU), Korea, from October 23<sup>rd</sup> to 31<sup>st</sup>, 2007, in order to meet the needs of IT policy- makers in different countries.

Lately IT industries have seen extensive development of high-end technological devices and services; accordingly, there is an urgent need for competent IT professionals worldwide. Developing high-quality IT human resources is of great importance for individual nations. Without establishing effective IT policies for education and industry, it will not be possible to provide systematic IT education and training for each nation.

From this perspective, IPPSO will offer a valuable opportunity for the participants of different countries to share their countries' IT policies and strategies, learn from one another, and synthesize what they learn into incomparable lessons to take with them to their countries. It is expected that a wide range of practical and future-oriented suggestions will be made regarding desirable ways of training manpower in the field of IT.

The program participants will visit Gangnam-gu district office, which was awarded "IT city of 2007" at the ICF New York conference for 2 consecutive years; ETRI, one of the leading research institute in IT field, which is located in Daedeok Innopolis, Korea's R&D center; U-dream Hall, a popular IT exhibition hall presenting future ubiquitous lifestyle; InnoVision, an exhibition hall presenting Korean Governmental innovation toward efficient development of e-government. Moreover, through the culture tour the participants will be able to experience Korean culture that has gained popularity in Asian countries and in other parts of the world.

Please join the program and enjoy a variety of invaluable activities that we have prepared for you. I have no doubt that the nine-day experience will give you a new insight into IT policies and technologies, precious memories of Korea and the fellow participants to be cherished for a long time.

Sincerely,

Unna Huh, Ph.D.  
President, Information and Communications University

# Overview of the Program

## What is IPPSO?

IT Policy Program for Senior Officials (IPPSO) is designed for senior-level IT policy-makers mainly from the countries in need of developing IT infrastructure. It is a short-term (nine-day) program sponsored by the Ministry of Information and Communication (MIC) and offered by Information and Communications University (ICU), the premier higher-education institution in the field of IT in Korea.

The objectives of IPPSO are to introduce the successful model of Korean IT industry and the accumulated know-how of national informatization, to exchange knowledge and experiences in implementing IT policies, to foster technology exchange and transfer between participating countries, and to help build networks among the participants.

## IT Infrastructure Development Policies for E-Government

From October 23<sup>rd</sup> to 31<sup>st</sup>, a course entitled "IT Infrastructure Development Policies for E-Government" is to be offered in Seoul and Daejeon, Korea.

The course focuses on developing IT infrastructure to establish e-government. The course will present major policies to build IT infrastructure for e-government and know-how to establish e-government. The participants will acquire e-government related information, best practices and case studies. The participants will have a chance to build strategic alliances with one another. The participants are urged to actively discuss the current IT-related problems and e-governmental issues of their countries and to seek to develop effective solutions for the problems. The course will cover various subjects such as IT industry policy, informatization status, e-government policy, e-government system, building IT capacity and IT management.





# About ICU

ICU (Information and Communications University) is an IT-specialized university founded in 1997 by a joint effort of the Ministry of Information and Communication, ETRI, and IT industries in Korea, with an aim to educate global IT leaders who will contribute to their nations and pioneer technological advancement and innovations of the IT field. In order to engage actively in the 21st century's evolution into a knowledge-based society, characterized by 'informatization' and 'globalization', ICU has set a goal to become a world's leading research university. ICU has grown to be a hub of IT education in Asia and the Pacific region and strives to become a world-class IT center for education and research by 2012.

## School of IT-Business

The School of IT-Business provides intensive undergraduate, graduate, and non-degree programs to cultivate IT leaders in the IT-business world. The purpose of School of IT-Business is to seek powerful and effective answers to management problems related to IT business sectors. In addition, the programs focus on providing interdisciplinary education in order to train IT leaders with knowledge in engineering. The programs are based on fundamentals from different academic disciplines including business, economics, industrial engineering, information sociology, and engineering.

### *Global IT MBA Program*

The Global IT MBA program offers the most effective and suitable solution to future IT business architects. The program is divided into two specialty tracks, IT Management and Business in IT Industry, which are designed to educate internationally competent business leaders of the IT industry. The MBA program provides not only practical, customized education that meets the demands of the IT industry but also opportunities to study abroad through dual degree and student exchange programs with a number of prestigious universities in the world.

### *IT AMP*

IT AMP (Information Technology Advanced Management Program) is designed to improve management skills of IT CEOs, enabling them to examine the successes and failures of IT companies and make suitable managerial decisions for crucial moments. The program presents classes on government policies, including advanced information technology and IT839, updated management theories and cases, and practical knowledge of management.

### *MCT CEO Program*

MCT (Materials, Components & Technology) CEO Program is designed to train global CEOs who will lead Korean MCT Industry. The program comprises various subjects such as managerial strategy, entrepreneurship, R&D, marketing, financial accounting, HRM(Human Resources Management) and informatization.

## School of Engineering

The objective of the School of Engineering is to educate global technology leaders equipped with comprehensive technical skills in the field of IT and management skills. Accordingly, the School of Engineering focuses on developing students' global leadership in the IT industry, government, and academia. An emphasis is also placed on building students' capability not only to solve practical problems and develop technologies needed in the real world, but also to conduct research and develop global leading technologies.

### *MSE/MSIT-SE Program*

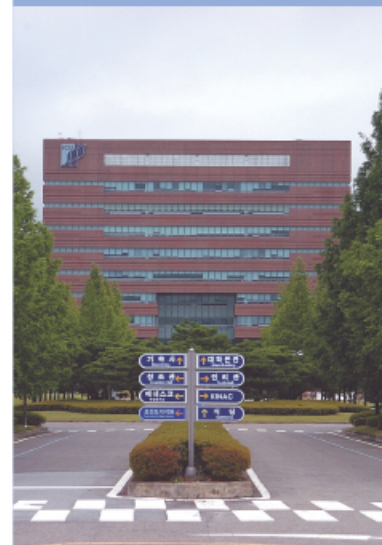
MSE/MSIT-SE (Master of Software Engineering / Master of Science in Information Technology-Software Engineering) started in 2001, sponsored by the U.S. Department of Defense and operated by SEI(Software Engineering Institute) in collaboration with CMU(Carnegie Mellon University) in USA. The objective of the program is to develop future leaders of software industry such as chief engineers, software architects, head designers and principal technical officers.

### *Digital Media Program*

Digital Media Program aims to educate digital media experts and offers courses on graphic design, cognitive psychology, artificial intelligence, computer vision and robotics in addition to human computer interaction, ubiquitous computing and the technologies needed to develop intelligence devices.

### *ITTP*

ITTP (IT Technology Program) is a customized, international program of master's and doctoral degree for government officials, employees of public institutions or senior-level researchers at national research centers in the IT field worldwide. This program focuses on transferring advanced technologies and business strategies of Korea to next-generation global IT leaders from all over the world. Through the program, the ITTP students will acquire not only the accumulated know-how of the Korean IT industry but also creative ability to apply learned knowledge and skills to their own countries.



# Program at a Glance

Date	Day	Time	Activity
23 Oct.	Tue.		Arrival & Hotel Check-in
			Reception
24	Wed.	Morning	Orientation
		Afternoon	Seminar I "IT Industry Policy of Korea"
25	Thur.	Morning	Seminar II "Informatization of Seoul"
		Afternoon	Study Visit I
26	Fri.	Morning	Seminar III "E-Government Policy of Korea"
		Afternoon	Study Visit II
27	Sat.		Culture Tour
28	Sun.		Culture Tour & Travel to ICU (Daejeon)
29	Mon.	Morning	ICU Seminar #1 "Developing IT Human Resources"
		Afternoon	ICU Seminar #2 "IT Management" Reception at ICU Study Visit III
30	Tue.	Morning	ICU Seminar #3 "E-Government System"
		Afternoon	On-Site Research
31	Wed.	Morning	Completion Ceremony & Departure

❖ The schedule is subject to change



# Special Activities

## Visits to E-governmental Organizations & Exhibition Halls in Korea

Gangnam-gu district office was awarded the 7th IT city award for 2 consecutive years at the ICF New York conference held in New York on May 16-18 with 500 representatives from world class cities, academic institutions, and IT experts. ICF stated that "the reason for awarding Gangnam-gu as an IT city of 2007 was that Gangnam-gu's 4th elected government has committed in developing TV E-government service for the first time in the world to solve the IT generation gap."

ETRI (Electronics & Telecommunications Research Institute) is an innovative research and development organization in information & communication technologies. It has been playing a key role in boosting Korean IT technologies for 30 years and has successfully commercialized cutting edge technologies such as DRAM, CDMA, DMB and WiBro.

Ubiquitous Dream Hall, which was established by many leading IT companies in Korea, is a place where you can experience future digital lifestyle and the newest IT technology. You will experience a remarkable ubiquitous technology at 3D Image Hall, U-HOME(main entrance, living room, kitchen, dining room, family room, wardrobe), U-CITY(bus station, car, market, cafe), and U-BUSINESS(office robot, voice mail, next-generation medium for advertisement, human body communication).

InnoVision is a place where you can experience the Korean Governmental innovation toward a comfortable and happy country for its people by achieving convenient and efficient e-government. It consists of Innovation Lounge, E-Gov. Lounge, e-Life and Experience, and Window to the Future.



IPPSO  
IT Policy Program for Senior Officials





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COMMUNICATION REPUBLIC OF KOREA



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