

# Fostering Faculties of Creative Invention Education

March 22 (Thu.) – April 11 (Wed.), 2018  
Seongnam & Daejeon, Republic of Korea



Korea International Cooperation Agency



Intellectual Property Training Institute (IIPTI)

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**1. TITLE: Fostering Faculties of Creative Invention Education**

**2. PERIOD: March 22 (Thu.) – April 11 (Wed.), 2018**

**3. GOAL**

To raise understanding of Creative Invention Education and increase capacities of professionals in relevant areas

**4. OBJECTIVES**

- a) To train professionals of developing countries in the area of creative invention education
- b) To provide participants with knowledge and insight into creative invention education
- c) To share Korea's experience and know-how on creative invention education for public officials and teachers.
- d) To help how to develop creative invention education suitable for developing countries.
- e) To promote mutual trust and understanding through cultural exchanges among participants.

**5. NUMBER OF PARTICIPANTS: 18 participants from 9 countries**

Bhutan (2), Colombia (2), Ghana (2), Maldives (2), Palestine (2), Paraguay (2), Saint Vincent and the Grenadines (2), Sri Lanka (2), Uganda(2)

**6. LANGUAGE OF INSTRUCTION: English**

**7. VENUE: Seongnam & Daejeon, Republic of Korea**

**8. TRAINING INSTITUTE: International Intellectual Property Training Institute (IIPTI) (<http://iipti.kipo.go.kr>)**

**9. ACCOMMODATIONS: KOICA ICC & Hotel in Daejeon**

**10. QUALIFICATIONS OF APPLICANTS:**

Mandatory	a) Be nominated by his/her government; b) Be in good health both physically and mentally, enough to take the course; c) Have not participated in the same or similar KOICA fellowship program for the past 3 years-unless otherwise specified; d) Officials (including teachers) engaging in the establishment of educational policies in participating countries e) Those who have been working for education-related departments for more than 3 years
Preferable	a) Sufficient Proficiency in spoken and written English b) Be a university graduate or have an equivalent educational background;

**11. CLOSING DATE FOR APPLICATION: March 2, 2018**

## 12. 3-YEAR PROGRAM OVERVIEW

	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	To-be Planned
Overall Goal	To share know-how and enhance management ability of trainees who are expected to work on the invention education system			<ul style="list-style-type: none"> <li>- To provide participants with knowledge and insight into creative invention education</li> <li>- To develop an invention education system in participating countries</li> </ul>
Phase Objective	To develop and implement a capacity building plan for invention education in each country by referring to the education system of Korea.	To develop and implement a capacity building plan for invention education in each country by referring to the education system of Korea.	To develop and implement a capacity building plan for invention education in each country by referring to the education system of Korea.	
Major Target Beneficiary	<ul style="list-style-type: none"> <li>- Those who have been working for education-related departments for more than 3 years</li> <li>- Sufficient Proficiency in spoken and written English</li> <li>- Be a university graduate or have an equivalent educational background</li> </ul>			
Main Activities	Training in Korea (3 weeks)	Training in Korea (3 weeks);	Training in Korea (3 weeks)	- Developing invention education ability
Phase Outcome	Action Plan	Action Plan	Action Plan	

**1. COURSE MODULE**

<b>MODULE</b>	<b>MAIN LECTURES &amp; DISCUSSIONS</b>	<b>STUDY VISIT</b>
<b>Module 1.</b> Overview of Creative Invention Education	<ul style="list-style-type: none"><li>▷ Invention and Intellectual Property Rights</li><li>▷ World Trend of Invention Education and Policy</li><li>▷ KIPO's Policy on Creative Invention Education</li></ul>	<ul style="list-style-type: none"><li>- Invention Education Center</li><li>- Electronics and Telecommunications Research Institute</li></ul>
<b>Module 2.</b> Importance of Creative Invention Education	<ul style="list-style-type: none"><li>▷ Development of Human Resources through Invention Education</li><li>▷ Korea's Invention Prodigy Education and Cases</li></ul>	
<b>Module 3.</b> Understanding of Invention	<ul style="list-style-type: none"><li>▷ Methods of Creating Ideas</li><li>▷ Invention and STEM</li><li>▷ Invention Education through TRIZ</li></ul>	
<b>Module 4.</b> Application of Invention Education	<ul style="list-style-type: none"><li>▷ Invention Education through G-Learning and E-Learning</li><li>▷ Employee Invention System</li><li>▷ Invention and Entrepreneurship</li></ul>	
<b>EXTRACURRICULAR ACTIVITIES</b>	<ul style="list-style-type: none"><li>▷ Seoul City Tour (<a href="http://www.visitseoul.net">www.visitseoul.net</a>)</li><li>▷ Daegu National Science Museum (<a href="http://www.dnsm.or.kr">www.dnsm.or.kr</a>)</li><li>▷ Hyundai Motors (<a href="http://www.hyundai.com">www.hyundai.com</a>)</li></ul>	

### **1. GUIDELINES FOR THE PREPARATION FOR THE COUNTRY REPORT**

A Country Report is an in-depth report that contains an analysis of the current development issues facing participants' countries in their fields of expertise. The KOICA's Fellowship Program includes a Country Report Presentation session where participants have an opportunity to share these issues with other participants and Korean experts. Throughout the course, participants will engage in debates and discussions to resolve them.

The Country Report is directly aligned with an Action Plan. Based on what participants have presented and discussed throughout the course, participants are requested to present an Action Plan towards the end of the program with an aim of developing feasible measures to apply the knowledge, technology and experience learned to their workplace.

Program participants are requested to prepare and submit their Country Report individually or as a group **to the IIPTI (International Intellectual Property Training Institute) Program Manager via e-mail at [godgmon@korea.kr](mailto:godgmon@korea.kr) no later than March 16, 2018**. The Country Report should be typed in English and double-spaced in MS PowerPoint or Word format. The length of the report should not exceed twenty A4-sized pages.

All participants are supposed to make a 15-minute presentation on their Country Report individually or as a group on the second day of the program. For more effective presentations, a projector, slide projector, overhead projector, and multimedia TV will be available for use. (PowerPoint presentations are preferred).

### **2. TOPICS TO BE COVERED IN THE COUNTRY REPORT**

On the first day of the program at IIPTI, all participants will make an individual or group presentation titled "Country Report" following the guidelines below:

Based on what you have presented and discussed throughout the course, you are requested to present an action plan on the last day of the workshop.

**A. Self-Introduction**

- a. Brief introduction to you and your organization
- b. Your position and duties in your organization

**B. Current Situation of Education for Adolescent**

- a. Organization, capacity, duties of office in charge of adolescent education
- b. School system from elementary to university
- c. Education of science and creativity in elementary, middle and high school
- d. Existence of special education for the gifted
- e. Existence of creativity program and invention acceleration program
- f. National vision of education for adolescent and strategy formulation



## **1. GUIDELINES FOR BUILDING AN ACTION PLAN**

An Action Plan is a specific plan created by participants on how they can apply their learning to their work performance. Action Planning is a process which will help them identify their objectives and explore what steps they need to take to achieve their goals. Establishing and implementing the Action Plan will contribute not only to their development professionally and individually but also to desirable organizational change.

A good Action Plan contains detailed information like what can be done, who will do it, and how and when. Please keep in mind that meeting the financing requirement including budget and timeline is crucial to make their action plan feasible and applicable to their workplaces.

All participants are requested to make a presentation on their Action Plan individually or as a group at the end of the course. They are encouraged to make the most of their weekends and free time to further their knowledge acquired from the course and better build their Action Plan.

Participants can receive feedback from Korean experts who will share their insight and help upgrade the Action Plan. Even after participants return to their home countries, KOICA will continue to follow up with participants on the progress being made through the implementation of their Action Plan. KOICA looks forward to all participants achieving their desired outcomes.

## **2. TOPICS TO BE COVERED IN THE ACTION PLAN**

- a) Current status for national creativity education system
- b) Problems and challenges
- c) Analysis of problems
- d) Resolution strategy and solution plan
- e) How to promote international cooperation in the field of creativity education
- f) Expected effect
- g) Further suggestions

### **3. STEPS FOR THE ACTION PLAN**

- **[Step 1] Present a Country Report (March 26)**
  - On the 1st day of the course, participants are to share their current situation and issues of their interests through Country Report presentation
  - IIPTI will provide an orientation for an Action Plan
- **[Step 2] Lecture on Action Plan and Team-building (March 28, April 4)**
  - Lecture on Action Plan building process
  - Team-building according to the selection of Action Plan topic
- **[Step 3] Group Discussions/ workshops (April 6)**
  - Brainstorming and group discussions for developing an Action Plan
- **[Step 4] Complete the Action Plan (April.9)**
  - Finalize an Action Plan for the development of new policies/programs or upgrade their existing policies, systems and practices
  - Presentation on the final Action Plan and getting feedback

**1. TRAINING INSTITUTE****International Intellectual Property Training Institute (<http://iipti.kipo.go.kr/EN>)**

The International Intellectual Property Training Institute (IIPTI), which is a sub-organization of the Korean Intellectual Property Office (KIPO), is responsible for intellectual property (IP) education in Korea. In collaboration with the World Intellectual Property Organization (WIPO) and Korea International Cooperation Agency (KOICA), we conduct IP education for IP-related officials in the public and private sectors of underdeveloped and developing countries, to enhance their awareness of IP and develop IP systems in their countries.

The demands for IP education have increased with the rapid development of the knowledge-based society. To fulfill these demands, we have made great efforts to provide various programs for a cross section of the community, including KIPO staff and patent attorneys as well as chief executive officers, researchers, and students. In line with our Charter of Intellectual Property Education, we endeavor to cultivate IP human resources.

## 2. CONTACT INFORMATION

- **Korea International Cooperation Agency (KOICA)**
  - **CIAT Program HOT Line: +82-1899-4519**
  - Websites: <http://www.koica.go.kr>  
<http://training.koica.go.kr>  
<http://www.facebook.com/koica.icc>
  
  - **Program Manager: Ms. Jeong-eun SONG**
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## Appendix 1.

# INTRODUCTION to KOICA



*is a development cooperation agency of the Republic of Korea established in 1991. KOICA's mission is to reduce poverty, promote living standards and help realize sustainable, equitable and inclusive development in developing countries. To accomplish its mission, KOICA has been actively involved in enhancing developing countries' socio-economic infrastructure and institutions, providing people in the developing world with opportunities for better lives and improving their well-being.*

## KOICA Fellowship Program

**Human Resource Development (HRD)** has been one of the most important factors in Korea's escape from the vicious cycle of poverty and underdevelopment which had lasted for many decades. With scarce natural resources, HRD has played a vital role in the process of the economic development of Korea, enabling the nation to emerge as an exemplary case of rapid economic growth powered by HRD. From its own experience, Korea fully recognizes the significance of HRD. With its extensive experience and know-how in HRD, Korea has greatly contributed to the international community by sharing its unique development experience with many other countries around the world.

The KOICA Fellowship Program is one of KOICA's main projects to help partner countries secure human resources for their development. Its primary objective is to share important technical skills and knowledge with partner countries as well as to help them build capacity for sustainable socio-economic development. The program deals with a wide range of topics, from public administration, economic development and science and technology to agriculture, health, and more. In order to meet the changing needs of partner countries, KOICA always strives to renovate and improve its Fellowship Programs

## Appendix 2.

### **KOICA FELLOWSHIP PROGRAM (CIAT)**

KOICA has launched a brand-new name for the KOICA Fellowship Program in order to more effectively raise awareness about the program among the public and its partner countries.



In English, CIAT stands for Capacity Improvement and Advancement for Tomorrow and in Korean it means “seed (씨앗)” with hopes to contributing in the capacity development of individual fellows as well as the organizations and countries to which they belong.

The CIAT Program provides participants with opportunities to gain first-hand knowledge of Korea’s development experience. The programs are designed to enable participants to apply what they have learned for the development of their home countries. Since 1991, KOICA has offered about 4,512 courses to more than 74,792 participants from 172 countries.

### Appendix 3.

## KOICA FELLOWSHIP COMMUNITY

The Fellows' Facebook is a place for fellows to ask questions and write comments on KOICA fellowship programs. So, if you have questions regarding our program, please feel free to join our Facebook community.



[facebook.com/koica.icc](https://facebook.com/koica.icc)





## Appendix 5.

### INFORMATION ON DIRECTION TO KOICA ICC

- **Route:** Incheon International Airport Terminal → Korea City Airport, Logis & Terminal (CALT)  
→ KOICA International Cooperation Center (ICC)
- **Arrival at Incheon International Airport** (<http://new.airport.kr>)

#### Flow



- ▶ Fill out Arrival Card (or Immigration Card), Customs Declaration Form, and Quarantine Questionnaire (on board)
- ▶ Present the Quarantine Questionnaire to the quarantine counter (on the second floor)
- ▶ Present your Arrival Card, Passport and other necessary documents to an officer at the immigration desk
- ▶ Claim your baggage on the first floor
- ▶ Hand in Customs Declaration Form at Customs
- ▶ Pass through the Arrival Gate
- ▶ Go to the KOICA Counter

#### Incheon International Airport opens *Second Passenger Terminal 2 (T2)*

on January 18, 2018

The new terminal is serviced by Korean Air (  ), KLM Royal Dutch Airlines (  ), Air France (  ) and Delta Airlines (  ).

Accordingly, KOICA sets up an additional KOICA Counter in Terminal 2 as well. Please check its location in advance by referring to the followings information.

KOICA Counter at Incheon International Airport Terminal 1 (IIAT1)		
<b>IIAT (T1)</b>		<p><b>Location : Next to Gate 1 on the 1st floor (No.9-10)</b></p> <p><b>Contact Information</b>            Tel. : 82-32-743-5904            Contact : Ms. Jin-Young YOON</p>
KOICA Counter at Incheon International Airport Terminal 2 (IIAT2)		
<b>IIAT (T2)</b>		<p><b>Location : Tourist Information Center (Close to Arrival Gate B)</b></p> <p><b>Contact Information</b>            Tel. : 82-32-743-5904            Contact : Ms. Jin-Young YOON</p> <p><small>*Contact information at T2 is subject to change.</small></p>

- After passing through Customs, please go to the KOICA Counter. At the KOICA Counter, you can get detailed information about how to get to the KOICA International Cooperation Center (ICC) and receive a limousine bus ticket for City Airport, Logis & Travel (CALT).
- All the KOICA staff at the Incheon Airport wear a name tag or has a sign for indication.
- Even though you cannot find any KOICA staff at the counter, you can purchase a limousine bus ticket at the bus ticket counter. After purchasing it, please go to the CALT Bus Stop (refer to the following information), get on the bus #6103 and present your ticket to the bus driver. It will take about 70 to 90 minutes from IIAT 1 and about 90 to 110 minutes from IIAT 2 to CALT.

<b>Incheon International Airport Terminal 1 (IIAT1)</b>		Limousine Bus # 6103
<b>IIAT 1</b>	Bus ticket counter : 1 <sup>st</sup> floor / Bus Stop 7A	
<b>Incheon International Airport Terminal 2 (IIAT2)</b>		
<b>IIAT 2</b>	Bus ticket counter : Basement 1 / Bus Stop 22	

- **CALT (City Airport, Logis & Terminal)**

- When you arrive at CALT, you can meet another KOICA staff who will help you reach the KOICA ICC.
- If you paid for a limousine bus ticket out of your own pocket, KOICA will reimburse the bus fare when you arrive at the KOICA ICC. Also, please note that there can be illegal taxis at the airport. Even if they approach you to offer rides, do not take the illegal taxis and check to see if they are KOICA staff.

**"Please remember to read the Fellows' Guidebook.** It is available from the Korean Embassy or KOICA Overseas Office in your country and provides valuable information regarding KOICA programs, allowances, expenses, regulations, preparations for departure and etc."