2019-2021 Multi-Year Program

2019 Course Information

IT CAPACITY-BUILDING PROGRAMME (SERBIA)

KOICA CIAT
Korea International
Cooperation Agency

Korea National Open University

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People, Peace, Prosperity

KOICA ‹‹‹‹‹ Korea International Cooperation Agency

Korea International Cooperation Agency (KOICA) was established as a government-funded agency dedicated to grant aid programs in April 1991. KOICA strives to combat poverty and support sustainable socio-economic growth of developing countries. By doing so, we aim to promote friendly and cooperative relationship with them.

KOICA is an organization responsible for 26% of the entire ODA (Official Development Assistance) in Korea based on the 2018 business plan, and is Korea's leading agency responsible for approximately 60% of grant aid. The scale of aid from KOICA, which was about 17.4 billion KRW in 1991, increased significantly to 800 billion KRW in 2018. This followed the admission to the Development Assistance Committee (DAC), along with the ODA contribution diplomacy policies of the Korean government which aims to make contributions to the international community.

**CIAT** Capacity Improvement and Advancement for Tomorrow

KOICA Fellowship Program, CIAT

Like its acronym that sounds like "seed" in Korean, CIAT hopes to spread seeds of hope across developing countries. CIAT is a cooperation program where policy-makers, public servants and experts from developing countries are invited to Korea for technical training and knowledge sharing. CIAT has established partnerships with a multitude of public organizations, research institutes, universities and others in Korea to offer quality training programs. Such efforts have resulted in a high level of satisfaction among participants. After returning to their home countries, CIAT participants play a role in spreading Korea's commitment and goodwill towards their society.

GLOBAL CIAT
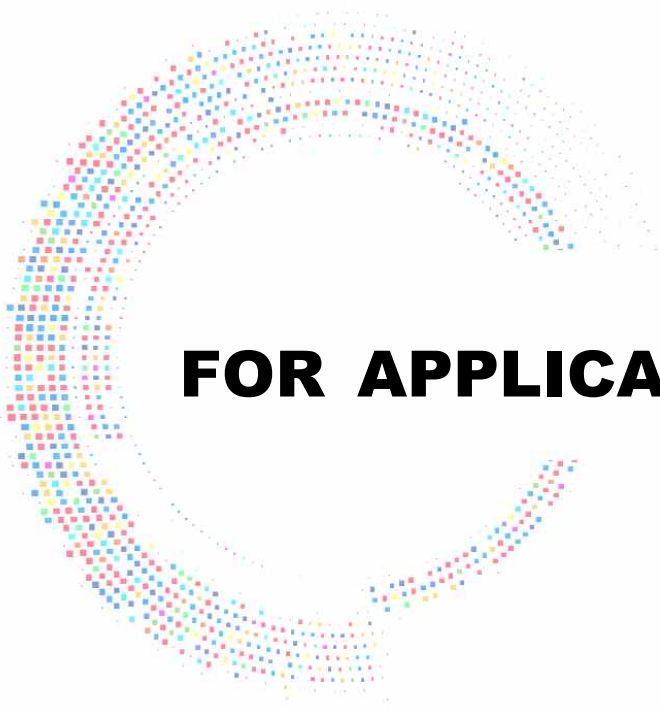
FOR APPLICANTS

PROGRAM OVERVIEW

TITLE: **IT Capacity-Building Programme (Serbia)**

DURATION: *2019-2021*

GOAL: To strengthen IT education capacity in early and middle school education in Serbia

GROUP		FIRST-YEAR COURSE (2019)	SECOND-YEAR COURSE (2020)	THIRD-YEAR COURSE (2021)
	TARGET	High-level officials from the MoESTD, universities, MoTTT, NGOs, etc.	Mid-level officials from the MoESTD, universities, MoTTT, NGOs, etc. To analyze and identify problems of IT Education in Serbia and find solutions by improving eEducation-related capacity of mid-level officials from the relevant organizations such as MoESTD, universities, MoTTT, NGOs, etc.	Working-level officials from the MoESTD, universities, MoTTT, NGOs, etc.
	OBJECTIVES	To supplement and establish IT Education policies in Serbia by improving the relevant capacity of policymakers tasked with eEducation and ICT in Education System		To draw up a plan to introduce EduTech-based effective IT Education by improving working-level officials' capacity in the areas of eEducation and ICT in education system of Serbia
	ACTIVITIES	· Invitational Training	· Invitational Training	· Invitational Training · Workshop in Serbia(if necessary)
	OUTPUT	. Action Plan . Midterm master plan	Action Plan & Mid-outcome	Action Plan & Final Outcome

(Selecting a good Action Plan and implementing on-site program)

Accomplishing the program's goals through capacity building and contributing to sustainable IT Education of developing countries

COURSE OVERVIEW

1. OBJECTIVES
1) To improve knowledge and understanding of key decision makers about importance of EduTech and how it can contribute to overall improvement of education
2) To develop human capacities (men and women) for planning, monitoring and reporting on eEducation and ICT development in national education systems
3) To improve expert capacities for integration of ITC in education system
4) To gain insight on cyber home learning system development
5) To gain insight on successful initiatives on ICT use in the context of lifelong learning(e-textbooks, e-learning or information villages)
6) To improve monitoring of the state and usage of the ICT infrastructure in education institutions
7) To support more female students to engage more actively in STEM subjects (especially computing) in primary and secondary education

2. COURSE DURATION
- (Invitational training) June 13 (Thur) - June 26 (Wed), 2019 (including participants' arrival and departure dates) *Training Duration: June 14 (Fri) - June 25 (Tue), 2019

3. LANGUAGE: English

4. LOCATION
1) Training: Korea National Open University (Seoul)
2) Accommodation: The May Place Hotel or The Best Western Arirang Hotel (Seoul)

5. PARTICIPANTS: **10 persons** <5 MoESTD staff (involved in CET development and eEducation) and 5 nominated representatives (upon availability) (universities, MoTTT, NGO, etc.)>

ELIGIBILITY REQUIREMENTS	
MANDATORY	1. *Be nominated by his/her government;* 2. *Be in good health both physically and mentally, to undergo the course;* 3. *Has not participated in the same KOICA CIAT program in the past 3 years – unless otherwise specified;* 4. *Has a willingness to show a high level of participation and commitment throughout the course and promote capacity building in his/her organization after the completion of the Program;* 5. *Be a MoESTD employee in a managerial position or an employee at important social partners (universities, NGOs, etc);* 6. *Sufficient proficiency in written and spoken English to actively participate in seminars and write an Action Plan;* 7. *The proportion of male participants should not exceed 50% of all participants.*
PREFERABLE	8. *Has more than 5 years of work experience in IT education sector;* 9. *Has work experience in making IT education policies;* 10. *Has a good level of IT literacy and knowledge of recent trends;* 11. *Participation of women might be over 40%* 12. *Working knowledge of computers and PowerPoint software*

※ This course is targeted at participants meeting the above qualifications, and thus ineligible participants, if any, may have difficulty understanding the course.

6. CURRICULUM

MAIN LECTURES & DISCUSSIONS	STUDY VISIT
Module 1. Education Informatization and IT Education Policy	
· Education Informatization Policies, Related Laws and Regulations in Korea · The Status of EduTech in Korea and Overseas Cases · Overseas IT Education Trends (e.g. MOOC)	
Module 2. EduTech Use in K-12 Education	
· Cyber Learning(Cyber home learning system) and Digital Textbook · Distance education training and EDUNET · IT Education Cases with New Technologies (e.g. AR/VR, Bigdata) · OER(Open Educational Resource), open S/W use in education . Cyber security & information ethics education	· Tekville
Module 3. S/W Education in K-12 Education	
· S/W Education · Computational Thinking Education and Creative Education · Game-based Education · AR/VR-based Educational Content	. 3D SangSang
Module 4. Designing and Development of Educational Content	
· Designing Method of Digital Educational Content · Development of Digital Educational Content and Operation Cases · Demonstration and Evaluation	. KNOU OUN TV
Module 5. Country Report and Action Plan	

· Presentation of A Country Report
  - The Status of K-12 IT Education in Serbia
  - National Policy and Planning on K-12 IT Education in Serbia
· Action Plan Workshop
  - Step 1 : Topic Selection & Analysis of IT education
  - Step 2 : Building an Action Plan
  - Step 3 : Sharing Action Plan results	

EXTRACURRICULAR ACTIVITIES	
· Seoul City Tour (www.visitseoul.net)	

7. TRAINING INSTITUTE : *Korea National Open University*

(https://www.knou.ac.kr/engknou2)

Since its inception in 1972 as Korea's first national distance education university, Korea National Open University (KNOU) has been a solid pillar for our nation's higher education system for the past 46 years. During that time, KNOU has produced more than 670,000 talented graduates and contributed immensely to the development of the country in Korea. In addition to being one of the world's top ten mega universities, KNOU is being benchmarked by nations around the world as an exemplary model of a successful international distance education university. Based on its accomplishments and history, KNOU is preparing for a new start-a leap forward in the year 2022 which marks the 50th anniversary of its foundation. As "The Hub University of Knowledge Networks that Opens the Age of Wisdom" KNOU will establish its great stature as the hub of knowledge production, interchange, and sharing.

With the advent of a knowledge-information society, the world today has become a place in which the entire population is pursuing lifelong education. Moving beyond the mission of making higher education available to the general public, KNOU will make every effort to lead our nation toward becoming a lifelong learning society. KNOU dreams of a beautiful world where people live in harmony and become a driving force in realizing Korea's educational dreams. Furthermore, KNOU will continue to strive even more to earn the affection and trust of the people as a university that is continuously involved in research that provides an optimal educational environment, remains open to and shared by Koreans and the global community and truly becomes "the Knowledge Network Hub University that Opens the Age of Wisdom."

HOW TO APPLY

APPLICATION DEADLINE: *May 13, 2019*

Step 1. CHECK OUT COURSE INFORMATION

- Applicants must check Program Overview and Course Overview details to see if the course they apply for is relevant to their work and they meet the qualifications for selecting participants.

Step 2. FILL OUT AND SUBMIT AN APPLICATION.

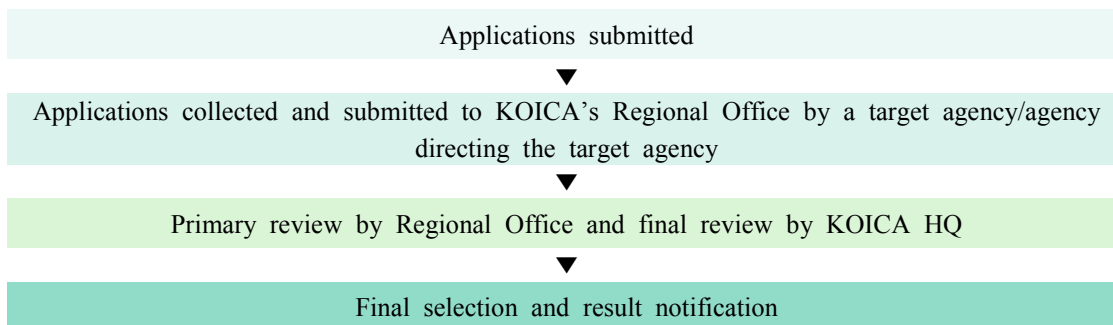- After filling out an application, applicants must submit it no later than the deadline.

※ Instructions for filling out an application ※

1) Fill in all entries in the application form, including email address and medical records, **accurately and without omission** (The selection process of qualified applicants will start based on the information provided).
2) Applicants are required to fill out an application clearly and legibly.
   (The course application result or follow-up activities after completion of the course will be notified to the email address an applicant gives in the application.)
3) Make sure to submit all the documents required for application.
   (ex, Passport, Medical Reports etc.)

## Step 3. SELECTION RESULT NOTIFICATION

- KOICA headquarters will notify finally selected candidates to their email address.

※ Overview of the Selection Process ※

Applications submitted
▼
Applications collected and submitted to KOICA's Regional Office by a target agency/agency directing the target agency
▼
Primary review by Regional Office and final review by KOICA HQ
▼
Final selection and result notification

< Information for Successful Candidates >

- Successful candidates are required to submit Country Report no later than the deadline (For details, see the next page).
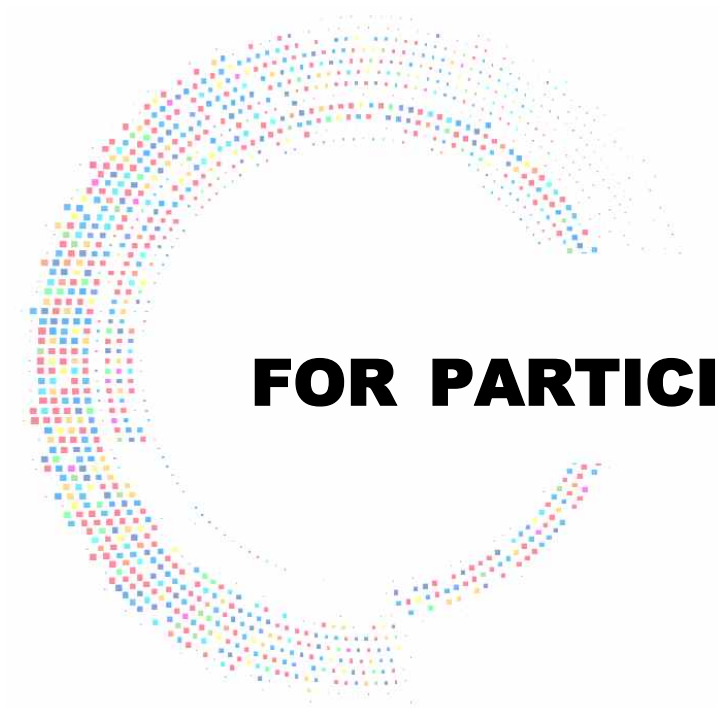
FOR PARTICIPANTS

PARTICIPANTS' MAJOR ACTIVITIES

All participants are requested to establish and present an Action Plan towards the end of the program. The Action Plan is one of the crucial program activities to which KOICA gives top priority. It is intended, firstly, to help program participants to come up with alternatives and solutions to the current issues and major challenges which participants' country/government/ organizations are facing and, secondly, to plan what action participants should take in order to solve those challenges.

For a successful Action Plan, **the first step is to prepare a Country Report.** In preparing a Country Report before joining the KOICA training course, participants will have an opportunity to analyze their own countries' current issues and challenges as well as circumstances surrounding them. Preparation and presentation of a Country Report is part of the Action Plan building process in which participants will be involved throughout the program.

The second step is to build an Action Plan. With the Country Report in mind, participants are encouraged to develop an Action Plan by incorporating the observations, experiences, and findings from the program, specifically from lectures, discussions, study visits, or local field trip. During the Program Orientation Session, the Action Plan guidelines, including a PPT template for presentation, will be provided to participants with instructions on how to formulate concepts and ideas for composing a practical and feasible Action Plan.

The third step is to implement the Action Plan. After going back to their home country, participants should implement the Action Plan according to its specifics and timeline. Participants are advised to do follow-up activities such as knowledge-sharing workshops or presentations with colleagues.

	STEP 1	STEP 2	STEP 3
WHO	Participants individually or as a group		
WHEN	Before program	During program	After program
WHAT	Country Report	**Action Plan**	Follow-up activities
HOW	Preparation and presentation	Establishment and presentation	Implementation
WHY	To analyze each country/organization's current status and problems focusing on the program theme	To provide solutions to the identified problems and issues in the Country Report	To apply participants' Action Plan to work & share knowledge with colleagues

[STEP 1] COUNTRY REPORT

1. WHAT IS COUNTRY REPORT?

A Country Report is a pre-assignment prepared and submitted by participants before the course starts. Participants analyze their own countries' current issues and challenges as well as circumstances surrounding them, and share the findings with other participants and Korean experts in an effort to provide solutions to the identified problems and issues for their own countries.

2. HOW AND WHAT TO PREPARE

Participants are requested to prepare the Country Report individually or as a group and must submit it by the deadline specified below, so that it can be shared by lecturers in advance, before the program starts and also by fellow participants, moderators, discussants and Korean experts during the program in an effort to provide solutions to the identified problems and issues.

By when	May 13, 2019
In what format	Microsoft PowerPoint
To whom	Program Manager, Prof. Yong KIM / Assistant, Mrs. Jinyoung JUN e-mail: entropii@knou.ac.kr

Contents (sample)	Chapter 1. Introduction of Education System in Serbia
	Chapter 2. The Status of IT Education in Serbia
	    (1) The Status of IT Infrastructure in School
	    (2) The Status of S/W Education
	    (3) IT Capacity Building for Teachers and Students
	Chapter 3. National Plan for IT Education
	    (1) IT Education Policy
	    (2) Short-term Plan
	    (3) Mid & Long-term Plan
	Chapter 4. Challenges to IT Education
	
	* You can change sub-topics of each chapter.
	* The topics of Chapter 3 and 4 will be covered in the Action Plan.

3. COUNTRY REPORT PRESENTATION

The presentation should take no longer than 30 minutes or so, and use an adequate number of slides, or maximum 50 pages, with consideration of time constraints. The Country Report presentation will be followed by a question and answer session which includes feedback from Korean experts. For more effective presentations, a projector, slide projector, overhead projector or multimedia TV will be available for use.

[STEP 2] ACTION PLAN

1. WHAT IS ACTION PLAN?

An Action Plan is a plan intended to help program participants provide alternatives and solutions to the issues and problems that are identified in the Country Report. A good Action Plan entails who will do what, when, and how in detail. Since the Action Plan's feasibility is very crucial, participants should thoroughly discuss with their supervisor(s) whether or not the main topic and direction are viable in advance.

Based on the observations and findings from the lectures, discussions, study visits, and a local field trip in Korea, participants will be asked to create an Action Plan in accordance with the Action Plan Guidelines to be provided. A session for developing and building the Action Plan will be held and the Action Plan guidelines will be provided to participants with instructions on how to formulate concepts and ideas for composing a practical and feasible Action Plan.

> ※ **Note** ※
> 1) Participants joining a second or third year course without attending the previous course or courses are required to review and understand the Action Plans by other participants in such course or courses in advance.
> 2) Participants may improve or develop the previous year's Action Plan, or build another Action Plan with a new topic.
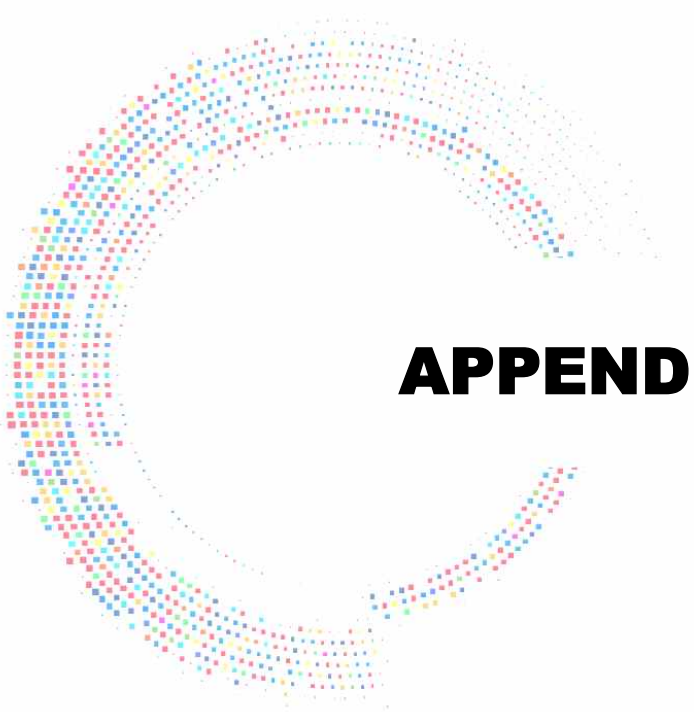
2. ACTION PLAN BUILDING PROCESS

1 WORKSHOP	**2** LECTURE	**3** WORKSHOP	**4** WORKSHOP
Country Report Presentation ▶	Action Plan Methodology ▶	Grouping participants Brainstorming Discussing main topic Getting ideas from lectures Consulting with experts (Discussion & Feedback) Finalizing Action Plan ▶	**Action Plan Presentation**

- Applying knowledge acquired through lectures, study visits and discussions and working on measures to solve the issues or problems identified in the Country Report from various angles
- Building specific solutions as well as implementation plan together with a moderator during an Action Plan workshop

[STEP 3] FOLLOW-UP ACTIVITY

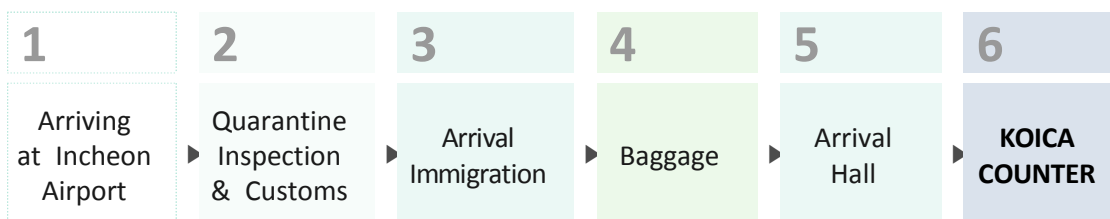|	
ACTION PLAN & PILOT PROJECT	Sharing the implementation status of the Action Plan with the training institute and KOICA (See Appendix: Contact) (An exemplary Action Plan is selected and financed by the training institute as a pilot project for implementation of the Action Plan)
KNOWLEDGE SHARING ACTIVITIES	Promoting knowledge sharing activities such as workshop and presentation to share knowledge acquired during the program and the Action Plan
ESSAY COMPETITION	Joining an essay competition held late in the year
KOICA CLUB ACTIVITIES	Taking part in an array of activities including joining KOICA Clubs in each country and community service after completion of the program
ONLINE NETWORKING	Visiting KOICA Fellowship Community and continuing networking *facebook.com/koica.icc*

APPENDIX

CONTACT

	+82-1899-4519 (CIAT Program HOT Line) http://www.koica.go.kr http://www.facebook.com/koica.icc	
KOICA Training Institute	*Program Manager **Ms. Chanmi PARK*** *+82-31-740-0534* *chanchan@koica.go.kr*	CIAT Fellowship Program pilot project follow-up activities
	*Program Coordinator **Ms. Geunyoung KIM*** *+82-31-777-2847* *felicia@koworks.org*	Arrival/departure-related issues
	*Program Manager **Prof. Yong KIM*** *Program Assistant **Mrs. Jinyoung JUN*** *+82-2-3668-4737* *entropii@knou.ac.kr* *https://www.knou.ac.kr/engknou2/*	Course contents - Curriculum, lecture, lecturer, Country Report & Action Plan

FROM AIRPORT TO ICC

✈ **AT AIRPORT [Arrival Procedures]**

1	2	3	4	5	6
Arriving at Incheon Airport	▶ Quarantine Inspection & Customs	▶ Arrival Immigration	▶ Baggage	▶ Arrival Hall	**KOICA COUNTER**

※ KOICA will provide the Immigration Office at the Incheon International Airport with a list of participants' names, nationality, flight schedules, and other information regarding the Fellowship Program before arrival. Participants are advised to carry the **invitation letter** in which their status is written, and show the letter to the Immigration Officer in case the Officer asks for further identification.

KOICA COUNTER

To ensure that you receive appropriate help to safely get to the KOICA International Cooperation Center(ICC), two KOICA Counters are in service at each Terminal. At the KOICA Counter, KOICA staff will arrange your ride to the KOICA ICC.

AT INCHEON INTERNATIONAL AIRPORT TERMINAL 1 (IIAT 1)

Location
Next to Gate 1
(Counter No. 9-10)

Contact Info
Ms. Jin-Young YOON
Tel. : 82-32-743-5904

AT INCHEON INTERNATIONAL AIRPORT TERMINAL 2 (IIAT 2)

Location
In front of Gate 4
(Close to Arrival Gate B)

Contact Info
Ms. Seung-Young YAU
Tel. : 82-32-743-5905