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காணி மற்றும் காணி அபிவிருத்தி அமைச்சு

Ministry of Land & Land Development

"මිහිකත මෙදුර",
ඉඩම් මහ ලේකම් කාර්යාලය,
1200/6, රජමල්වත්ත පවුම,
බත්තරමුල්ල.

"மிகற்கத்த மெதுர",
காணிச் செயலகம்
1200/6, இராமலவத்தை வீதி,
பத்தரமுல்லை.

"Mihikatha Medura",
Land Secretariat,
1200/6, Rajamalwatte Avenue,
Battaramulla.

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எனது இல. } 2/12/07/06
My No. }

ඔබේ අංකය }
உமது இல. } DEC 2019
Your No. }

දිනය }
திகதி } 2019.12.16
Date }

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ඉඩම් කොමසාරිස් ජනරාල්, ඉඩම් කොමසාරිස් ජනරාල් දෙපාර්තමේන්තුව

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JICA Innovative Asia Program (Short-term Training) on "Cutting Edge Technology on Robotics and Artificial Intelligence" Shibaura Institute of Technology

From : 24 February to 07 March – 2020 - Japan

උක්ත කරුණ සම්බන්ධයෙන් විදේශ සම්පත් දෙපාර්තමේන්තුවේ අධ්‍යක්ෂ ජනරාල් වෙතින් මා වෙත යොමු කර ඇති අංක TA/JICA/S/1257 හා 2019.12.12 දිනැති ලිපියේ පිටපතක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ කාරුණිකව ඉදිරිපත් කරමි.



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ලේකම් } දුරකථන / தொலைபேசி / Telephone - 011- 2888907
செயலாளர் } அலுவல் / பெக்ஸ் / Fax - 011- 2887404
Secretary }

කාර්යාලය } දුරකථන / தொலைபேசி / Telephone -011- 2797500
அலுவலகம் } அலுவல் / பொது / Fax - 011- 2887445
Office }

“වලදායක ප්‍රවර්ධනය තුළින් විශිෂ්ටතම රාජ්‍ය සේවයක් කරා”

“உற்பத்தித் திறனுடைய அதிகரிப்பு மூலம் அரசு சேவை”

“Towards an Excellent Public Service through Productivity Promotion”



විදේශ සම්පත් දෙපාර්තමේන්තුව
வெளிநாட்டு வளங்கள் திணைக்களம்
Department of External Resources

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මුදල්, ආර්ථික සහ ප්‍රතිපත්ති සංවර්ධන අමාත්‍යාංශය
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நிதி பொருளாதாரம் மற்றும் கொள்கை அபிவிருத்தி அமைச்சு
செயலகம் (3 ஆம் மாடி), த. பெ. இல. 277, கொழும்பு 00100, இலங்கை

Ministry of Finance, Economy and Policy Development
The Secretariat (3rd Floor), P.O. Box 277, Colombo 00100, Sri Lanka

Web Site: www.erd.gov.lk

e-mail: info@erd.gov.lk

මගේ අංකය
எனது இல
My No

TA/JICA/S/1257

ඔබේ අංකය
உமது இல
Your No

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திகதி
Date

12 December 2019

ඉඩම් හා පාරිඳිමේන්තු ප්‍රතිසංස්කරණ
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Secretaries
All Ministries

Attn: Officer In-charge of Foreign Training

Dear Sir, Madam,

JICA Innovative Asia Program (Short-term Training)
On "Cutting Edge Technology on Robotics and Artificial Intelligence"
Shibaura Institute of Technology

From: 24 February to 07 March – 2020 - Japan

The Japan International Cooperation Agency (JICA) has requested us to submit nominations from eligible Government officials of Sri Lanka for the above programme. The GI Booklet and the Application Form submitted by JICA in this regard are enclosed for your information please.

You are kindly requested to submit nominations in line with the required qualifications mentioned in the "Nominee Qualifications" of the GI Booklet submitted by JICA. It is appreciated if you could submit two sets of applications along with the following documents on or before 31 December 2019.

1. The duly filled Application Form for "JICA Knowledge Co-Creation Programme" (hand written applications will not be accepted) - Application Form can be downloaded from ERD public website.
2. Copy of the Nominee's English Score Sheet (e.g. TOEFL, TOEIC, IELTS)
3. Copy of the Passport
4. ERD Form (Original only)

Please note that re-nomination of an official, already trained under a JICA programme will not be qualified for another JICA training programme within five (5) years of such training.

(cont.....p/2)

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பணிப்பாளர் நாயகம்
Director General

94-11-2484693

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அலுவலகம்
Office

94-11-2484500

94-11-2484600

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தொலை நகல்
Fax

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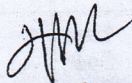
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Your early response in this regard is highly appreciated.

With regards.

Yours faithfully



L.A.Y. Darshani De Silva

Director / TA Division
for Director General

Copies to: 01. Vice Chancellor
University of Peradeniya
02. Vice Chancellor
University of Colombo

} for your information

Annex 1

"Partner Schools"

No.	Country	School
1	Bangladesh	Bangladesh University of Engineering & Technology
2		University of Dhaka
3	Cambodia	Institute of Technology of Cambodia
4		Royal University of Phnom Penh
5	India	Indian Institute of Technology Hyderabad
6		Indian Institute of Technology Bombay
7		Indian Institute of Technology Delhi
8		Indian Institute of Technology Delhi Madras
9		Indian Institute of Technology Kanpur
10		Indian Institute of Technology Kharagpur
11		Indian Institute of Technology Roorkee
12		Indian Institute of Information Technology, Design, and Manufacturing: IIITDM-J
13		Indian Institute of Technology Guwahati
14	Indonesia	Institut Teknologi Bandung
15		Universitas Gadjah Mada
16		Institut Teknologi Sepuluh Nopember
17		Universitas Indonesia
18		Universitas Hasanuddin
19		Universitas Darma Persada
20		Bogor Agricultural University
21	Laos	National University of Laos
22	Myanmar	University of Yangon
23		Yangon Technological University
24		Mandalay Technological University
25	Malaysia	Universiti Sains Malaysia
26		Universiti Malaya
27		Universiti Putra Malaysia
28		Universiti Teknologi Malaysia
29		Universiti Tun Hussein Onn Malaysia
30		Universiti Malaysia Sabah
31		Universiti Teknologi MARA

32	Malaysia	Universiti Teknologi Petronas
33		Universiti Kebangsaan Malaysia / The National University of Malaysia
34		Management and Science University
35	Pakistan	National University of Sciences and Technology Islamabad
36		University of Engineering and Technology Lahore
37		NED (Nadirshaw Eduljee Dinshaw) University of Engineering and Technology,, Karachi
38	The Philippines	University of the Philippines – Diliman
39		De La Salle University
40		Mindanao State University-Iligan Institute of Technology
41		Ateneo de Manila University
42	Sri Lanka	University of Colombo
43		University of Peradeniya
44	Thailand	Chulalongkorn University
45		King Mongkut's Institute of Technology Ladkrabang
46		Burapha University
47		Kasetsart University
48		Thammasat University
49		King Mongkut's University of Technology Thonburi
50		Prince of Songkla University
51		Asian Institute of Technology
52		Mahidol University
53		Chiang Mai University
54		Khon Kaen University
55		Thai-Nichi Institute of Technology
56	Vietnam	Hanoi University of Science and Technology
57		Ho Chi Minh City University of Technology
58		Vietnam-Japan University
59		Hanoi University of Industry
60		Industrial University of Ho Chi Minh City



Knowledge Co-Creation Program (Country Focus)

GENERAL INFORMATION ON

**Short-term Program of Innovative Asia : Shibaura Institute of
Technology
JFY 2019**

NO. 201901881-J060 / ID. 201901881

Course Period in Japan: From February 24th to March 7th, 2020

This information pertains to one of the JICA Knowledge Co-Creation Program (Country Focus) of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out that *"In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together."* We believe that this 'Knowledge Co-Creation Program' will serve as a center of mutual learning process.

I. Concept

Background

In line with the "Japan Revitalization Strategy" approved by the Japanese Cabinet in June 2016, the Government of Japan is advancing the measures to mobilize the diverse governmental resources, in order that competent human resources of Asian developing/emerging countries play more active roles in contributing to industrial growth of their home countries through having deeper working experience at best innovative Japanese companies, thereby knowing better how innovation is being promoted in Japan.

To promote the above policy initiative, the following strategies are decided to:

- (1) launch a new initiative of ODA to offer opportunities for graduate study and internship in Japan,,
- (2) hold job-matching events and provide related information for students who belong to "partner schools" and are interested in working in Japan.
- (3) take necessary measures such as providing preferential treatment with regard to their visa status and expediting the administrative procedure when students of "partner schools" hope to work in Japan on certain conditions.

For what?

Innovative Asia aims to enhance circulation of competent human resources between Japan and Asian countries and to promote innovation in the whole Asia.

With this context, this program aims to provide participants with the opportunity to acquire skill and knowledge contributing to industrial growth at best innovative environment in Japan; such as universities, research institutes, government organizations, and private companies.

For whom?

This program is offered to competent graduates of 'partner schools' in Asian countries, especially in such fields as Science and Technology, and Engineering, especially, Information Technology, Internet of Things, Artificial Intelligence, etc.

How?

Participants shall have opportunities to receive lectures, visiting laboratory at university and external facilities related to Cutting-edge Technology of Robot and Artificial Intelligence (AI).

II. Description

1. **Title (J-No.): Short-term Program of Innovative Asia : Shibaura Institute of Technology (201901881-J060)**
2. **Course Period in JAPAN**
From February 24th to March 7th, 2020
3. **Target Regions or Countries**
Myanmar, Malaysia, Cambodia, Sri Lanka, and Bangladesh (5 countries)
4. **Eligible / Target Organization**
This program is designed for graduates of the "partner school"s of the above target countries (see ANNEX)
5. **Course Capacity (Upper limit of Participants)**
15 participants (maximum)
6. **Language to be used in this program:** English
7. **Course Objective:**
Experiencing the cutting-edge technologies on robotics and AI through a series of lectures and laboratory visits
8. **Overall Goal**
To deepen understandings of research activities and environment of private sector for the participants' future opportunities in Japan through training and internships at the best innovative environment in Japan.

9. Expected Module Output and Contents:

This program consists of the following components. Details on each component are given below:

Expected Module Output	Subjects/Agendas	Methodology
Deepen understanding of cutting-edge technologies of Japan	To learn and experience core and practice of cutting-edge technology of Japan	Laboratory Visit, Laboratory Experience or Lectures
	To visit companies related to cutting-edge technology of Japan	Field trip
	To interact with Japanese students through the program	Lecture, Field trip
	To present achievement of the program	Presentation

<Structure of the program>

Topic outline (subject to minor changes)

1st week (2/25-3/1)

- (1) Orientation by JICA
- (2) Orientation and Introduction by Shibaura Institute of Technology, Campus tour
- (3) Laboratory Experience, Special Lectures (Collage of Engineering)

2nd week (3/2-3/7)

- (1) Company Visit around Tokyo (*2-3days)
- (2) Laboratory Experience, Special Lectures (Collage of Engineering)
- (3) Preparation of Action Plan
- (4) Final Presentation

III. Conditions and Procedures for Application

1. Expectations from the Participating Organizations:

This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. Applying organizations are expected to nominate the most qualified candidates, carefully referring to the qualifications described in section III-2 below.

2. Nominee Qualifications:

Applying Organizations are expected to select nominees who meet the following qualifications.

(1) Essential Qualifications

- 1) Experience in the relevant field (engineering, especially in photology, electronic system engineering, mechanical engineering, electrical engineering, chemistry, chemical engineering, or material engineering).
- 2) Educational Background: graduates of "partner school"s
- 3) Age: Less than thirty-five (35) years old
- 4) Language: have a competent command of spoken and written English which is equal to TOEFL iBT 100 or more (This workshop includes active participation in discussions, which requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.

Expected Nominee

Graduate students (doctoral and master's programs) who graduated from partner schools.

3. Required Documents for Application

(1) **Application Form:** The Application Form is available at the JICA office.

(2) **Photocopy of passport:** to be submitted with the application form, if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

*Photocopy should include the followings:

Name, Date of birth, Nationality, Sex, Passport number and Expire date.

(3) **Nominee's English Score Sheet:** to be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

4. Procedures for Application and Selection:

(1) Submission of the Application Documents:

Closing date for applications: **Please inquire to the JICA office.**

(After receiving applications, the JICA office will send them to the **JICA Center in JAPAN** by January 10th, 2020)

(2) Selection:

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.* Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance

Notification of results will be made by the JICA office **not later than January 24, 2020.**

5. Conditions for Attendance:

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances, participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

IV. Administrative Arrangements

1. Organizer:

- (1) Name: JICA TOKYO
- (2) Contact: tictip@jica.go.jp

2. Implementing Partner:

- (1) Name: Shibaura Institute of Technology
- (2) URL: <https://www.shibaura-it.ac.jp/en/>

3. Travel to Japan:

- (1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.
- (2) **Travel Insurance:** Coverage is from time of arrival up to departure in Japan. Thus traveling time outside Japan will not be covered.

4. Accommodation in Japan:

JICA will arrange the following accommodations for the participants in Japan:

JICA Tokyo International Center (JICA TOKYO)

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: 81-3-3485-7051 FAX: 81-3-3485-7904

(where "81" is the country code for Japan, and "3" is the local area code)

Please refer to facility guide of TIC at its URL,

- 5. <http://www.jica.go.jp/english/contact/pdf/tic.pdf>

5. Expenses:

The following expenses will be provided for the participants by JICA:

- (1) Allowances for accommodation, meals, living expenses, outfit, and shipping
 - (2) Expenses for study tours (basically in the form of train tickets.)
 - (3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)
 - (4) Expenses for program implementation, including materials
- For more details, please see "III. ALLOWANCES" of the brochure for participants titled "KENSU-IN GUIDE BOOK," which will be given before departure for Japan.

6. Pre-departure Orientation:

A pre-departure orientation will be held at the respective country's JICA office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

VI. ANNEX: List of Partner schools

No.	Country	School
1	Bangladesh	Bangladesh University of Engineering & Technology
2		University of Dhaka
3	Cambodia	Institute of Technology of Cambodia
4		Royal University of Phnom Penh
5	India	Indian Institute of Technology Hyderabad
6		Indian Institute of Technology Bombay
7		Indian Institute of Technology Delhi
8		Indian Institute of Technology Delhi Madras
9		Indian Institute of Technology Kanpur
10		Indian Institute of Technology Kharagpur
11		Indian Institute of Technology Roorkee
12		Indian Institute of Information Technology, Design, and Manufacturing: IIITDM-J
13		Indian Institute of Technology Guwahati
14	Indonesia	Institut Teknologi Bandung
15		Universitas Gadjah Mada
16		Institut Teknologi Sepuluh Nopember
17		Universitas Indonesia
18		Universitas Hasanuddin
19		Universitas Darma Persada
20		Bogor Agricultural University
21	Laos	National University of Laos
22	Myanmar	University of Yangon
23		Yangon Technological University
24		Mandalay Technological University
25	Malaysia	Universiti Sains Malaysia
26		Universiti Malaya
27		Universiti Putra Malaysia
28		Universiti Teknologi Malaysia
29		Universiti Tun Hussein Onn Malaysia
30		Universiti Malaysia Sabah

31		Universiti Teknologi MARA
32	Malaysia	Universiti Teknologi Petronas
33		Universiti Kebangsaan Malaysia / The National University of Malaysia
34		Management and Science University
35	Pakistan	National University of Sciences and Technology Islamabad
36		University of Engineering and Technology Lahore
37		NED (Nadirshaw Eduljee Dinshaw) University of Engineering and Technology,, Karachi
38	The Philippines	University of the Philippines – Diliman
39		De La Salle University
40		Mindanao State University-Iligan Institute of Technology
41		Ateneo de Manila University
42	Sri Lanka	University of Colombo
43		University of Peradeniya
44	Thailand	Chulalongkorn University
45		King Mongkut's Institute of Technology Ladkrabang
46		Burapha University
47		Kasetsart University
48		Thammasat University
49		King Mongkut's University of Technology Thonburi
50		Prince of Songkla University
51		Asian Institute of Technology
52		Mahidol University
53		Chiang Mai University
54		Khon Kaen University
55		Thai-Nichi Institute of Technology
56	Vietnam	Hanoi University of Science and Technology
57		Ho Chi Minh City University of Technology
58		Vietnam-Japan University
59		Hanoi University of Industry
60		Industrial University of Ho Chi Minh City

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that "capacity development" is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the "*adopt and adapt*" concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this "*adoption and adaptation*" process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan's developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of "tacit knowledge," a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



CORRESPONDENCE

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

JICA Tokyo International Center (JICA TOKYO)

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: +81-3-3485-7051 FAX: +81-3-3485-7904