

No.12040/13/2013-FTC (Trg.)  
Government of India  
Ministry of Personnel, Public Grievances & Pensions  
Department of Personnel and Training  
(Training Division)

Block-4, Old JNU Campus  
New Mehrauli Road, New Delhi-67  
Dated 4<sup>th</sup> March, 2013

TRAINING CIRCULAR

Subject: **A Group Training Course on Industrial Technology Education to be held from May, 2013 to January, 2014 (Core Phase in Japan from 9<sup>th</sup> June to 20<sup>th</sup> July, 2013).**

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation of the Government of Japan has invited applications for the above programme to be held from 9<sup>th</sup> June to 20<sup>th</sup> July, 2013.

2. The programme aims to contribute to the development of human resources in the field of industrial technology education in developing countries by providing information on Japanese activities and systems for the promotion and enhancement of industrial technology education.

3. The candidates should be officials in policy making for industrial technology education in the educational administration of Central or State Government; having practical experience of more than 10 years in the field of Making Things; be graduate of university; not be serving in the military; be between the ages of twenty five (25) and forty five (45) years; must not be serving in any form of military service; have competent command of spoken and written English which is equal to TOFEL; be in good health, both physically and mentally, to participate in the program in Japan.

4. In addition to the above, the following information in respect of the nominated officers may please be furnished while forwarding the nomination:

- 1) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
- 2) Whether clear from vigilance angle?
- 3) Age;
- 4) Whether working in North East State/J&K;
- 5) A brief in 50-100 words justifying the nomination.

5. The course covers the cost of a round- trip air ticket between an international airport designated by JICA; travel insurance from the time of arrival in Japan to departure from Japan; allowances for (accommodation, living expenses, outfit and shipping); expenses for JICA study tours and free medical care for participants who may fall ill after reaching Japan (costs relating to pre-existing illness, pregnancy, or dental treatment are not included). The participants are not allowed to take any family member during the training course.

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6. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with the eligibility criteria.
7. The nomination details should be submitted (**in duplicate**) in the JICA's prescribed proformas duly authenticated by the Department concerned along with the Job Report.
8. The applications should reach this Department through the Administrative Ministry/State Government not later than **8<sup>th</sup> April, 2013**. Nominations received after the prescribed date will not be considered. The details of the programme and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (**persmin.nic.in**), which is available in "What is New" under the Department of Personnel and Training.



(N.K. Wadhwa)

Under Secretary to the Government of India  
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E-mail-ID naresh.wadhwa@nic.in

Copy to:

1. The Secretary, Ministry of Human Resource Development, Shastri Bhawan, New Delhi.
2. The Secretary, Department of Industrial Policy and Promotion, Udyog Bhawan, New Delhi-11.
3. The Secretary, Department of Heavy Industries, Udyog Bhawan, New Delhi-110011.
4. The Secretary, Department of Public Enterprises, Block 14, CGO Complex, New Delhi-3.
5. The Secretary, Ministry of Micro, Small & Medium Enterprises, Udyog Bhawan, New Delhi-11.
6. All State Governments/Union Territories.  
(with the request to circulate it amongst the related organizations)
7. NIC with the request to post the circular along with the JICA's circular and the enclosed application Proforma on the Department's website.

No. 13/GT-CP/2013

①

February 20, 2013

Dear Mr. N.K. Wadhwa,

A Group Training Course on Industrial Technology Education will be held in Japan from June 09, 2013 to July 20, 2013 under the Technical Cooperation Programme of the Government of Japan.

We are forwarding herewith two copies of the General Information Booklet on the above offer. It is requested that the following documents of the selected candidate may please be submitted to this office by **April 20, 2013**:-


- (1) The Application Form together with the medical history questionnaire
- (2) Country Report
- (3) Job Report
- (4) Inception Report

Further details are available in the General Information Booklet. It may be noted that the completed Country Report, Job Report and Inception Report are essential for screening of applications.

It is further informed that 13 slots are available globally for the above course and it would be much appreciated if you could take further necessary action and submit the nomination(s) of suitable candidate(s) to this office by the designated date.

With regards,

Yours sincerely,

  
(Tomohide Ichiguchi)  
Senior Representative

Encl: As stated above.  
Mr. N.K. Wadhwa  
Under Secretary (Training)  
Department of Personnel and Training  
Training Division  
Block No. 4  
Old JNU Campus  
New Mehrauli Road  
New Delhi.

3/25/2013  
12040/13/2013



# TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

INDUSTRIAL TECHNOLOGY EDUCATION

集団研修「産業技術教育」

JFY 2013

<Type: Solution Creation / 類型: 課題解決促進型>

NO. J13-00638 / ID. 1380891

From May 2013 to Jan, 2014

Phase in Japan: From June 9, 2013 to July 20, 2013

This information pertains to one of the Training and Dialogue Programs 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.



## **I. Concept**

### **Background**

In Japan, industrial technology is indispensable for production of high quality goods. In comparison with developing countries, technology education at schools in Japan, where fundamental capabilities in manufacturing and production are fostered, is found to play an important role in developing human resources as well as the use of highly developed manufacturing and production equipment.

For the sake of promoting and developing industrial technology in developing countries, it is useful for the leaders of such countries to learn of the curriculum and methods of Japanese technology education and to utilize them in their own countries.

### **For what?**

This program aims to contribute to the development of human resources in the field of industrial technology education in developing countries by providing information on Japanese activities and systems for the promotion and enhancement of industrial technology education.

### **For whom?**

This program is offered to officials who are engaged in policy making for industrial technology education in the educational administration of central or local government.

### **How?**

Participants shall have opportunities to get an overview of technology education in Japan, to study the curriculum and methods in six areas (metalworking, wood working, machining, electricity, information and cultivation) of Japanese technology education and to experience Japanese industrial technology through lectures, observations and discussions. Participants will also formulate an action plan describing what they will do after going back to home countries, putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

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## II. Description

1. **Title (J-No.): Industrial Technology Education (J13-00638)**
2. **Period of program:**

<b>Duration of whole program:</b>	May 9, 2013 to Jan 20, 2014
<b>Preliminary Phase:</b>	May 9 to June 8, 2013 (in a participant's home country)
<b>Core Phase in Japan:</b>	June 9 to July 20, 2013
<b>Finalization Phase:</b>	July 21, 2013 to Jan 20, 2014 (in a participant's home country)
3. **Target Regions or Countries:**

Turkey, Botswana, South Africa, Egypt, Mongolia, India, Cambodia (3), Jordan, Philippines, Myanmar, Pakistan
4. **Eligible / Target Organization:**

This program is designed for offices/divisions/departments in charge of policy making for industrial technology education in the educational administration of central or local government.
5. **Total Number of Participants:**

13 participants
6. **Language to be used in this program:**

English (with consecutive interpretation)
7. **Program Objective:**

Participants formulate action plans with a focus on teacher training curriculum and textbooks for industrial technology education and the basic direction of their action plans is organized in their participating organizations.

Note: This training program is **not** designed for acquisition of technical skills, and there is **no** hands-on technical training.
8. **Overall Goal**

The participating organizations formulate action plans regarding teacher training curriculum and textbooks for industrial technology education, and propose the plan to authority concerned.

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**9. Expected Module Output and Contents:**

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

<p><b>(1) Preliminary Phase in a participant's home country</b>          (May 9 to June 8, 2013)  <i>Participating organizations make required preparation for the Program in the respective country.</i></p>	
Expected Module Output	Activities
<p>To clarify current domestic educational system, contents, methods, and the evaluation of these issues through discussion</p>	<p>Formulation and submission of Inception Report</p>

<p><b>(2) Core Phase in Japan</b>          (June 9 to July 20, 2013)  <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i></p>		
Expected Module Output	Subjects/Agendas	Methodology
<p>To explain current school education, industrial technology, industrial technology education, teacher training, and selection of teaching materials in Japan</p>	<p>(1) Education and Industrial Technology          &gt; School Education          &gt; Educational Evaluation          &gt; Japanese Industry          &gt; Science and Technology Society</p>	<p>Lecture</p>
	<p>(2) Industrial Technology Education          &gt; Management of teacher training institutions          &gt; Industrial Education          &gt; Management of Industrial Education          &gt; Teaching Materials          &gt; Management of Industrial High School and Technical Junior College</p>	<p>Lecture          Observation</p>
	<p>(3) Teacher Training and Teaching Materials          &gt; Teacher Training University          &gt; Teacher Training System          &gt; Selection of Teaching Materials          &gt; Technology Education (Metalworking, Woodworking, Electricity, Cultivation, Information)</p>	<p>Lecture</p>



To explain the linkage between education and economic development through the Japanese case	Industrial Technology Society : Visits to various companies ➤ Machinery Manufacturer ➤ Tool Manufacturer ➤ Electrical Machine Manufacturer ➤ Electronics Manufacturer ➤ Automobile Manufacturer	Observation
To make an action plan to improve teacher training curriculum and textbooks for industrial technology education	(1) Action Plan guidance (2) Presentation of Action Plan	Lecture Discussion Presentation

<b>(3)Finalization Phase in a participant's home country</b> <i>Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.</i>	
Expected Module Output	Activities
To implement an interim report (action plan)	Application and implementation of the action plan (interim report) back in the participant's country and submission of its final report by May 19, 2012 based on the follow-up questionnaire to be provided during the Program. The sample of Completion Report is at Annex 7.

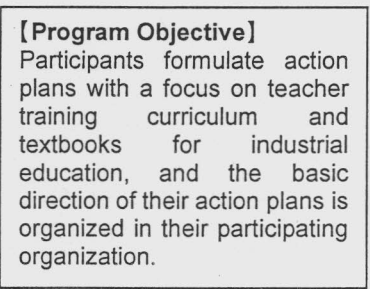
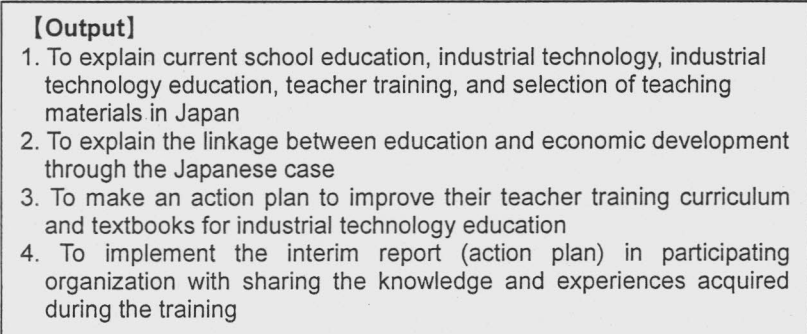
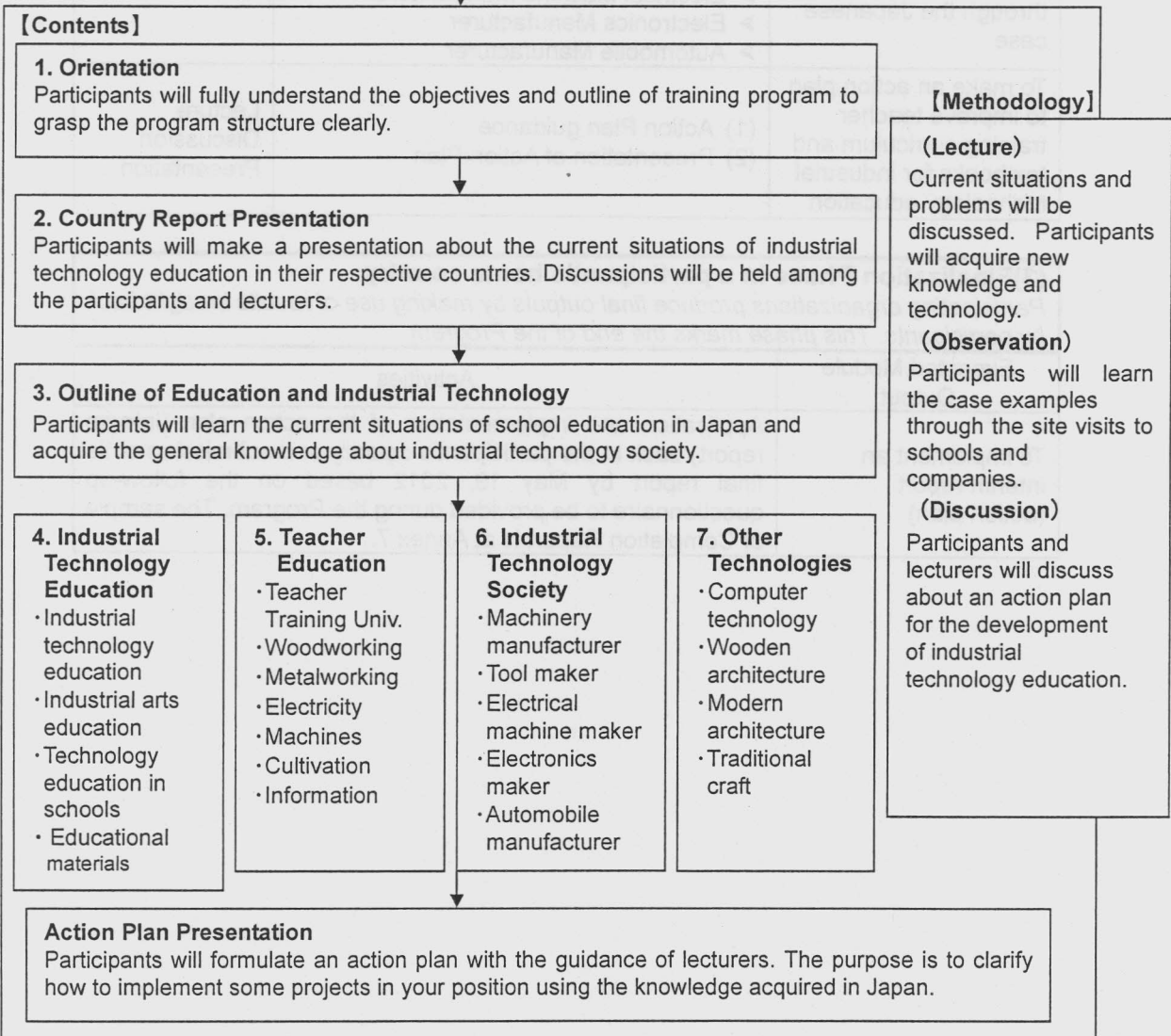


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<Structure of the program>

**Industrial Technology Education Training Program**

Objective: The participating organizations formulate improvement plan regarding teacher training curriculum and textbooks for industrial education, and propose the plan to authority concerned.



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**10. Follow-up Cooperation by JICA:**

In this program, JICA might extend follow-up support to participating organizations that intend to develop the result of the project further. Please note that the support shall be extended selectively based on proposals from the participating organizations.

As the program is designed to facilitate organizations to come up with concrete solutions for their business, participating organizations are expected to make due use of the results achieved by their participants in Japan by carrying out the activities at the business premises described in section II-9.

**1. Business Qualifications:**

- (1) Essential Qualifications
  - 1) Current duties (non-specified)
  - 2) Experience in the relevant field (more than 10 years' experience in the field of crucial economic field of Making Things)
  - 3) Educational background (a graduate of university or equivalent)
  - 4) Language (to be a competent command of spoken and written English which is suitable for the JETRO-JET (JET) or more. This workshop includes active participation in discussions, action plan (written report) development, thus requires high command of English ability.
  - 5) Health (to be in good health, both physically and mentally, to participate in the program in Japan)
  - 6) Must not be serving any form of military service
- (2) Recommended Qualifications
  - 1) Age (to be between the ages of twenty-five (25) and forty-five (45) years)

Application Form: The Application Form is available at the respective country's JICA office or the Embassy of Japan.

### **III. Conditions and Procedures for Application**

#### **1. Expectations for the Participating Organizations:**

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation before dispatching their participants to Japan by carrying out the activities of the Preliminary Phase described in section II -9 .
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants in Japan by carrying out the activities of the Finalization Phase described in section II -9.

#### **2. Nominee Qualifications:**

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

##### **(1) Essential Qualifications**

- 1) Current Duties: non-specified
- 2) Experience in the relevant field: have more than 10 years' experience in the field of practical experience in field of Making Things
- 3) Educational Background: be a graduate of university or equivalent
- 4) Language: have a competent command of spoken and written English which is equal to TOEFL iBT 100(CBT 250) or more (This workshop includes active participation in discussions, action plan (interim report) development, thus requires high competence of English ability.
- 5) Health: must be in good health, both physically and mentally, to participate in the Program in Japan.
- 6) Must not be serving any form of military service.

##### **(2) Recommendable Qualifications**

- 1) Age: be between the ages of twenty-five (25) and forty-five (45) years

#### **3. Required Documents for Application**

- (1) **Application Form:** The Application Form is available at the respective country's JICA office or the Embassy of Japan.



**(2) Country, Job and Inception Report:** to be submitted with the application form.  
The application form without reports will not be accepted. Follow the instructions in Annex of this General Information.

**\*Pregnancy**

Pregnant participants are strictly requested to attach the following documents in order to minimize the risk for their health.

- ① letter of the participant's consent to bear economic and physical risks
- ② letter of consent from the participant's supervisor
- ③ doctor's letter with agreement of her training participation.

Please ask National Staffs in JICA office for the details.

**4. Procedure for Application and Selection:**

**(1) Submitting the Application Documents:**

Closing date for application to the JICA Center in JAPAN: **April 20, 2013**

**Note: Please confirm the closing date set by the respective country's JICA office or Embassy of Japan of your country to meet the final date in Japan.**

**(2) Selection:**

After receiving the document(s) through due administrative procedures in the respective government, the respective country's JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to the JICA Center in charge in Japan, which organizes this project. Selection shall be made by the JICA Center in consultation with the organizations concerned in Japan based on submitted documents according to qualifications. *The organization with intention to utilize the opportunity of this program will be highly valued in the selection.*

**(3) Notice of Acceptance**

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective Government by **not later than May 9, 2013.**

**5. Conditions for Attendance:**

- (1) to observe the schedule of the program,
- (2) not to change the program subjects or extend the period of stay in Japan,
- (3) not to bring any members of their family,
- (4) to return to their home countries at the end of the program in Japan according to the travel schedule designated by JICA,
- (5) to refrain from engaging in political activities, or any form of employment for profit or gain,

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- (6) 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.
- (7) to observe the rules and regulations of their place of accommodation and not to change the accommodation designated by JICA, and
- (8) to participate the whole program including a preparatory phase prior to the program in Japan. Applying organizations, after receiving notice of acceptance for their nominees, are expected to carry out the actions described in section II-9 and section III-4.