

No.34/20/2011-EO(F)
Government of India
Ministry of Personnel, P.G. and Pensions
Department of Personnel & Training

North Block, New Delhi-1
Dated the 3rd May 2011.

TRAINING CIRCULAR

Subject : A Group Training Course in technical Support for SME Promotion (Organic Materials/Inorganic Materials and Metals) to be held in Japan from 15/8/2011 to 17/11/2011 (Core Phase).

The Japan International Cooperation Agency (JICA), under the Technical Cooperation Programme of the Government of Japan has invited applications for the above programme. The total duration of the programme is from May 2011 to May 2012, out of this, the Core Phase, from 15/8/2011 to 17/11/2011 will be held in Japan. The Preliminary Phase and the Finalization Phase will be held in the candidate's home country. The details of the programme and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website: persmin.nic.in

2. The Program aims to disseminate the knowledge and technology supporting small and medium enterprises (SME) in organic chemical industry/ inorganic chemical and metal industries among researchers and engineers in the participating organization.

3. The Candidates should be engaged in work or research related to SME Promotion in the field of organic materials/inorganic materials & metals having more than 3 years' experience; be graduate of university and have majored in organic chemistry/ inorganic chemistry and metal or the equivalent; be proficient at written and spoken English; be between twenty five and forty five years of age; be in good health, both physically and mentally to undergo the training and not be serving in the military.

4. The fellowship award covers the cost of a Round-trip air ticket between an international airport designated by the JICA and Japan; 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. The participants are not allowed to take any family member during the training course.

5. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with the eligibility criteria and the terms and conditions of the JICA's Circular dated 28th April 2011. The Ministries/ State Governments may sponsor the names of only Government/ Public Sector Undertaking functionaries.

6. The nomination details should be submitted in the JICA's prescribed proformas (A2A3 Forms), duly authenticated by the Department concerned alongwith the country report.

Contd.../-

7. The applications should reach this Department through proper channel not later than 20th May 2011. Nominations received after the prescribed date will not be considered. The circular inviting applications for training courses is available on this Department's website persmin.nic.in



(Raakesh Mishra)

Desk Officer

Ph.No. 011 23094575

e-mail : doeof@nic.in

1. The Secretary, Ministry of Micro, Small & Medium Enterprises, Udyog Bhavan, New Delhi.
 2. The Secretary, Ministry of Chemicals and Fertilizers, Shastri Bhavan, New Delhi
 3. The Secretary, Ministry of Industry, Udyog Bhavan, New Delhi.
 4. All State Governments/ Union Territories.
- [With the request to circulate it amongst the related organizations]
5. ✓ Director (Technical), NIC with the request to post the circular along with the JICA's circular and the enclosed application Proformas on the Department's website



No. 24/GT-CP/2011

28th April, 2011

Dear Mr. Rakesh Mishra,

A. Group Training Course in Technical Support for SME Promotion (Organic Materials/Inorganic Materials and Metals) will be held in Japan from 15th August, 2011 to 17th November, 2011 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 **25th May, 2011**:-

- (1) The Nomination Form A2A3 together with the medical history questionnaire,
- (2) The desired Country Report
- (3) The filled in Questionnaire

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

It is further informed that 6 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,

[Handwritten signature]
29/04/2011
My Shree

Yours sincerely,
[Handwritten signature]
(Hiroshi Suzuki)
Senior Representative

Encl: As stated above.
Mr. Rakesh Mishra
Section Officer
Department of Personnel and Training
Ministry of Personnel, Public Grievances and Pensions
New Delhi

File No. 2070/2011
25-120/EC/F/2011
29/5/2011



TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

TECHNICAL SUPPORT FOR SME PROMOTION
(ORGANIC MATERIALS/INORGANIC MATERIALS and METALS)

集団研修「中小企業振興のための技術支援
(有機化学工業分野/無機化学工業・金属産業分野)」

JFY 2011

<Type: Trainers Training Programs / 類型:人材育成普及型>

NO. J11-00832/ ID. 1180905

From May 2011 to May 2012

Phase In Japan: From 15 August 2011 to 17 November 2011

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

It is important to enhance technology of small and medium enterprises (SME) and to produce value added commodities for poverty alleviation and sustainable development which are priorities of the Official Development Assistance of the Government of Japan. Many developing countries are rich in organic resources which become raw materials of fiber, coloring, soap, detergent, medical and agricultural chemicals, and rich in mineral resources which become raw materials of electric devices, vehicles, appliances and mechanical parts. Therefore, it is required not only to export those natural resources as primary products, but also to make those products as value added commodities.

In addition, environment problems clearly exist today due to global warming, thus it is indispensable to spread environmentally friendly production technology for coexistence between development and environment and sustainable development. For that reason, it is vital to enhance development ability and environmentally friendly technology of SME in the field of organic chemical industry/inorganic chemical and metal industries. However, due to the lack of skilled engineers and experienced workers, it is not easy to accept advanced technology given by the enterprises from developed countries. Under these circumstances, in terms of improving the balance of trade and sophisticating the structure of domestic industries, training for domestic SME is regarded as an important policy. Nevertheless, there are many limits in various aspects such as human resources, techniques and finances. Thus, the results of those policies are not yet sufficient.

Therefore, it is required to set up more advanced educational institutions and vocational training centers, as well as urgent capacity development for researchers and engineers at public technical research centers which engage technical support for local SME.

By implementing this training program, the level of technical ability for researchers and engineers at public technical support institutions in developing countries will be enhanced in their specialized field. By doing this, it is expected to establish the system which will be able to conduct efficient technical trainings based on the needs from enterprises and technical development in cooperation with SME.

For what?

This program aims to disseminate the knowledge and technology supporting small and medium enterprises (SME) in organic chemical industry/inorganic chemical and metal industries among researchers and engineers in the participating organization.

For whom?

This program is offered to engineers and researchers of public SME supporting

organizations such as national or local government bodies in the field of organic materials/inorganic materials and metals.

How?

Participants shall have opportunities in Japan to learn the technical support system for SME promotion in Japan, especially in Osaka City, and a broad range of knowledge and techniques in the field of organic materials/inorganic materials and metals for effective SME support. Participants are supposed to select one group from organic materials group or inorganic materials & metals group. Participants in one group cannot take subjects in another group. Participants will also formulate an action plan describing what they will do after they go back to their home countries incorporating the knowledge and ideas acquired and discussed in Japan into their on-going activities.

II. Description

1. Title (J-No.): Technical Support For SME Promotion (Organic Materials/Inorganic Materials and Metals) (J11-00832)

2. Period of program

Duration of whole program: May 2011 to May 2012
Preliminary Phase: May 2011 to August 2011

(in a participant's home country)

Core Phase in Japan: August 15, 2011 to November 17, 2011

Finalization Phase: November 2011 to May 2012
(in a participant's home country)

3. Target Countries

Argentina, Botswana, India, Iran, Mexico

4. Eligible / Target Organization

This program is designed for national/local government bodies dealing with technical support for SME.

5. Total Number of Participants

6 participants

6. Language to be used in this program

English/Japanese with English interpretation

7. Program Objective

The knowledge and technology for supporting small and medium enterprises in organic chemical, inorganic chemical and metal industries are disseminated for researchers and engineers in the participating organization.

8. Overall Goal

Manufacturing industry is promoted through the production of value added commodities by SME, utilizing the relevant technology transferred from technical/research organization which is the partner of this program.

Expected Module Output and Contents

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

(1) Preliminary Phase in a participant's home country (May 2011 to August 2011) <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Module Output	Activities
Country report is formulated	Formulation and submission of Country Report

(2) Core Phase in Japan (August 15, 2011 to November 17, 2011) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>		
Expected Module Output	Subjects/Agendas	Methodology
Output 1 (common) -to explain the technical support system of public organizations in Japan -to identify problems and tasks in technical support for SME in participant own countries.	- technical support for SME in Japan, especially by Osaka Municipal Technical Research Institute (OMTRI).	Lectures, Visits, and Discussions
Output2 (for organic chemical group) -to explain basic knowledge and technology to support SME in organic chemical industries	- chemical materials, manufacturing technology, analysis & evaluation, environment technology in organic chemical industry (lecture, practice) - case study of technical support for SME including factory visit to gain the firsthand knowledge and know-how on production site.	Lectures, Practices, Visits, Discussions, Study Trips and Advanced Training
Output3 (for inorganic chemical and metal group) -to explain basic knowledge and technology to support SME in inorganic chemical and metal industries	- production process, analysis & evaluation, and characterization of inorganic and metal materials (practice) - case study of SME support including factory visit to gain practical knowledge	Lectures, Practices, Visits, Discussions, Study Trips and Advanced Training
Output4 (common) -to make and present an action plan	-production & presentation of Action Plan to disseminate the gained knowledge and technology after return to own countries (discussion, exchange of opinions)	Preparation of Action Plan and dissemination materials and others
Output5 (common) -after return to own country, hold seminar to researchers/engineers for the dissemination of gained knowledge and technology	- after return to own country, hold seminar to researchers/engineers for the dissemination of gained knowledge and technology - follow up by OMTRI through e-mail and other means	

(3)Finalization Phase in a participant's home country (November 2011 to May 2012) <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 action plan	After return to own country, hold seminar to researchers and engineers for the dissemination of gained knowledge and technology. Submission of a report from the partner organization to JICA to confirm the proper dissemination should be by May, 2012.

<Structure of the program> Previous Program FY2010 (For your reference)

The schedule is subject to change for FY2011.

<Organic Material>

Training Programme (J-10-00650)						
Course (Group) : Technical Support for SME Promotion (Organic Materials) Course						
Training period : Aug. 18 - Nov. 27, 2010						
Date	Time	Cat.	Subject	Lecturer or Organization		
				Name	Position & Organization	
8/18	MON		Arrival in Japan			
17	TUE	9:00-12:00	Briefing	Briefing Unit	JICE	
18	WED	9:00-12:00	L General Orientation			
			L Japanese People & Society			
			L Characteristics of the Japanese Language			
19	THU	PM	L Japanese History & Culture			
			L Health Checkup / Alien Registration			
			L Japanese Education			
20	FRI	9:00-12:00	L Japanese Economy			
			L Japanese Politics & Administration System			
21	SAT		N			
22	SUN		N			
23-27	MON-FRI	10:00-12:00	L Intensive Japanese Language Class			
28	SAT		N			
29	SUN		N			
30	MON	10:00-12:00	L Measurement-Fitting of Lab. Coat/ Orientation			GMRI
			O Opening Ceremony			
			O Observation Tour of GMRI			
31	TUE	10:00-12:00	L Process of Technical Support (Laboratory Introduction)			Cosmetic Lab
			O SHARP Memorial Technology Hall	Dr. Yasamura	Senior Research Officer	
9/1	WED	10:00-12:00	L SME Support Policies of GMRI	Dr. Fujisawa	Manager, GMRI	
			O Country Report Presentation			
9/2	THU	10:00-12:00	L SME Support Policies of Japan	Dr. Matsumoto	Kyushu University	
			O Creation Core HIRASHI, OSAKA	Dr. Yasamura Ms. Yanada	Senior Research Officer General Affairs Dept.	
3	FRI	10:00-12:00	L Process of Technical Support (Laboratory Introduction)			Process Chemistry Lab Carbon Materials Lab Environmental Engineering Lab
4	SAT		N			
5	SUN		N			
6	MON	10:00-12:00	L Process of Technical Support (Laboratory Introduction)			Fiber Processing Lab. Fine Chemicals Lab Organic Functional Materials Lab
7	TUE	10:00-12:00	L Process of Technical Support (Laboratory Introduction)			Surfactant Lab
8	WED	10:00-12:00	O WAISHIDA Incineration Plant	Dr. Yasamura	Senior Research Officer	
			LP Organic Unit Process (Nitration)	Dr. Iwai Dr. Nakai	Researcher Researcher	
9	THU	10:00-12:00	LP Instrumental Analysis I (MS)	Dr. Mizuno	Senior Research Officer	
10	FRI	10:00-12:00	LP Organic Unit Process (Reduction)	Dr. Moriwaki Dr. Takao	Researcher Senior Research Fellow	
11	SAT		N			
12	SUN		N			
13	MON	10:00-12:00	LP Instrumental Analysis I (FTIR)	Dr. Yoshimura	Senior Research Fellow	
			L Japanese Class			
14	TUE	10:00-12:00	LP Instrumental Analysis I (LC)	Dr. Iwai	Researcher	
15	WED	10:00-12:00	O YAM / SHIMADZU Corporation	Dr. Nakai	Researcher	
			L Japanese Class			
16	THU	10:00-12:00	LP Instrumental Analysis I (UV)	Dr. Iwatake Dr. Hasegawa	Researcher Researcher	
17	FRI	10:00-12:00	LP Instrumental Analysis I (IR)	Dr. Mihara	Researcher	
18	SAT		N			
19	SUN		N			
20	MON		N			
21	TUE	10:00-12:00	LP Instrumental Analysis I (GC)	Dr. Ito	Senior Research Fellow	
			L Japanese Class			
22	WED	10:00-12:00	LP Instrumental Analysis I (EA)	Dr. Moriwaki	Researcher	
			L Japanese Class			
23	THU		N			
24	FRI	10:00-12:00	L Exercise of Organic Structural Chemistry	Dr. Ohno	Senior Research Officer	
25	SAT		N			
26	SUN		N			
27	MON	10:00-12:00	L Dyestuff Chemistry	Dr. Ito	Senior Research Fellow	
			L Japanese Class			
28	TUE	10:00-12:00	LP Synthesis of Color Materials and Related Compounds (Indigo)	Dr. Nakai Dr. Mihara	Researcher Researcher	
			L Japanese Class			
29	WED	10:00-12:00	LP Synthesis of Color Materials and Related Compounds (Aceto-Dyes)	Dr. Moriwaki Dr. Nakai	Researcher Researcher	
			L Japanese Class			
30	THU		L Study Trip to Kanto District: ZECN Corporation	Dr. Takao	Senior Research Fellow	

10/1	FRI			Study Trip to Kyoto District: KAO Corporation National Institute of Advanced Industrial Science & Technology	Dr. Takao	Senior Research Fellow
2	SAT					
3	SUN					
4	MON	10:00-10:30 10:30-11:00	LP	Synthesis of Color Materials and Related Compounds (Trihydroxyethane 1)	Dr. Iwai Dr. Matsumoto	Researcher Researcher
5	TUE	10:00-10:30	LP	Japanese Glass		
6	WED	10:00-10:30	LP	Synthesis of Color Materials and Related Compounds (Trihydroxyethane 2)	Dr. Matsumoto Dr. Iwai	Researcher Researcher
6	WED	10:30-11:00 11:00-11:30	LP	Surface-Active Agent & Detergent	Dr. Yamazura	Senior Research Officer
6	WED	11:00-11:30	LP	Instrumental Analysis 2 (IC)	Dr. Yamazura	Senior Research Officer
6	WED	11:30-12:00	LP	Japanese Glass		
7	THU	10:00-10:30	LP	Qualitative & Quantitative Analysis of Cosmetics	Mr. Nakamura Dr. Shizuma	Executive Research Officer Senior Research Fellow
7	THU	10:30-11:00	LP	Instrumental Analysis 2 (Capillary Electrodes)	Mr. Nakamura Dr. Shizuma	Executive Research Officer Senior Research Fellow
8	FRI	10:00-10:30	LP	Stoichiometry	Dr. Tokai Dr. Shizuma	Researcher Senior Research Fellow
9	SAT					
10	SUN					
11	MON			National Holiday (Sports Day)		
12	TUE			OGI Grand Soap KOGHINSHA Co., LTD KCP Corporation	Dr. Yamazura	Senior Research Officer
13	WED	10:00-10:30	LP	Instrumental Analysis 2 (OSC)	Dr. Tokai	Senior Research Fellow
14	THU	09:00-10:00 10:00-11:00	LP	Michael Reaction	Dr. Nakamura	Executive Research Officer
15	FRI	10:00-10:30	LP	Instrumental Analysis 1 (ICA)	Dr. Haruyasu	Researcher
16	SAT					
17	SUN					
18	MON	10:00-10:30	LP	Surface-Active Agent & Detergent	Dr. Yamazura Dr. Imai Dr. Sato	Senior Research Officer Senior Research Fellow Researcher
19	TUE	10:00-10:30	LP	Surface-Active Agent & Detergent	Dr. Imai Dr. Takahashi Dr. Sato	Senior Research Fellow Researcher Researcher
20	WED			Fuji Oil Co. Ltd. FUJIOIL MILK Inc.	Dr. Yamazura	Senior Research Officer
21	THU	10:00-10:30	LP	Instrumental Analysis 2 (UG-95)	Dr. Tokai Dr. Shizuma	Researcher Senior Research Fellow
22	FRI	10:00-10:30	LP	Instrumental Analysis 2 (DLS)	Dr. Kakehashi	Researcher
23	SAT	10:00-10:30	LP	Instrumental Analysis 2 (ELS)	Dr. Kakehashi	Researcher
24	SUN					
25	MON	10:00-10:30	LP	Oxling Technique (Dyeing)	Dr. Yoshimura Dr. Ota	Senior Research Fellow Researcher
26	TUE	10:00-10:30	LP	Oxling Technique (Surface Treatment)	Dr. Yoshimura Dr. Ota	Senior Research Fellow Researcher
27	WED			JAPAN Chemical Fiber Inspection Association NAGASHIMA SELCOF Co., Ltd.	Dr. Ota	Senior Research Fellow
28	THU	10:00-10:30	LP	Oxling Technique (Colorimetry)	Dr. Yoshimura Dr. Ota	Senior Research Fellow Researcher
29	FRI	10:00-10:30	LP	Synthesis of Intermediate Products of Pharmaceutical Drugs & Pesticides	Dr. Mizuno	Senior Research Officer
30	SAT					
31	SUN					
11/1	MON	10:00-10:30	LP	Synthesis of Intermediate Products of Pharmaceutical Drugs & Pesticides (Indole)	Dr. Matsumoto Dr. Mihara	Researcher Researcher
2	TUE			Final Report Preparation		
3	WED			National Holiday (Culture Day)		
4	THU	10:00-10:30	LP	Synthesis of Intermediate Products of Pharmaceutical Drugs & Pesticides (Medicine)	Dr. Nakai Dr. Matsumoto	Researcher Researcher
5	FRI			JOYO BEAUTY CO., LTD. MILDOH Co. Ltd.	Dr. Yamazura	Senior Research Officer
6	SAT					
7	SUN					
8	MON	10:00-10:30	LP	Environmental Pollution Control Technology (Introduction) (Activated Carbon)	Dr. Iwasaki Dr. Hasegawa	Researcher Researcher
9	TUE	10:00-10:30	LP	Environmental Pollution Control Technology (Introduction)	Dr. Fukuhara	Senior Research Fellow
10	WED	10:00-10:30	LP	Environmental Pollution Control Technology (Manufacture of Activated Carbon)	Dr. Iwasaki Dr. Hasegawa	Researcher Researcher
11	THU	10:00-10:30	LP	Environmental Pollution Control Technology (Water Treatment Technology)	Dr. Fukuhara	Researcher
11	THU	10:30-11:00	LP	Environmental Pollution Control Technology (Application of Activated Carbon)	Dr. Iwasaki	Researcher
12	FRI			Spring 0	Dr. Takahashi	Senior Research Fellow
13	SAT					
14	SUN					
15	MON			NAGAHAMA Sewage Treatment Plant CARCO, Inc. Co. Ltd.		
16	TUE	10:00-10:30	LP	Environmental Pollution Control Technology (Sewage Water Treatment Technology)	Dr. Fukuhara	Senior Research Fellow Researcher
17	WED	10:00-10:30	LP	Environmental Pollution Control Technology (Performance Test of Activated Carbon)	Dr. Iwasaki Dr. Hasegawa	Researcher Researcher
18	THU	10:00-10:30	P	Individual Study		
19	FRI	10:00-10:30	P	Individual Study		
20	SAT					
21	SUN					
22	MON			Final Report Preparation		
23	TUE			National Holiday (Bank Holiday)		
24	WED	10:00-10:30	P	Final Report Presentation		
25	THU	10:00-10:30	D	Technical Evaluation Meeting (GHR)		
26	FRI			Closing Ceremony (GCA GSEA)		
27	SAT			Departure from Japan		

NOTE: L: Lecture O: Visit & Observation P: Practice
D: Discussion & Presentation T: Study Trip R: No Official Program
JICA OSAKA, OSAKA INTERNATIONAL CENTRE, JICA
OMIRI: Osaka Municipal Technical Research Institute

<Inorganic Material and Metals>

Training Program							
Course (Group): Technical Support for SME Promotion (Inorganic Materials & Metals)							
Training period: August 16 - November 27, 2010							
Date (Month/Day)	Time	Type	Hosts	Subjects	Lecturers/Organizations		Place to Visit
					Name	Position & Organization	
8/16	MON			Aerial in Japan			Osaka International Centre, JICA JICA Osaka 1
8/17	TUE			Briefing JICA Project Coordinator			JICA Osaka 3
8/18	WED	General Orientation					JICA Osaka 3
		8:30-11:00	L	Japanese People & Society			
		11:30-13:30	L	Classification of Japanese Language			
		13:30-15:30	L	Business Material & Culture			
8/19	THU			Medical Check / Foreigner's Registration			Centre / COS Hall
8/20	FRI	General Orientation					JICA Osaka 3
		8:45-11:45	L	Japanese Education			
		13:30-14:30	L	Japanese Economy			
		14:30-15:30	L	Japanese Politics & Administration System			
8/21	SAT						
8/22	SUN						
8/23	MON	11:00-11:30	L	Japanese Language Evening Class			JICA Osaka 3
8/24	TUE						
8/25	WED						
8/26	THU	11:00-12:00		Opening Ceremony			OMTR (8)
		13:00-14:00		Question / Q&A Hour			OMTR (8)
8/27	FRI						OMTR
8/28	SAT						
8/29	SUN						
8/30	MON	10:00-12:00	D	Field & Promotion Workshop for Country Report	Yoshitani		OMTR (JICA Room)
		12:00-13:00	O	Sharp Corp. Test Factory			
8/31	TUE	10:00-12:00	L	Country Report Presentation	Kajiwara	Osaka ILO Div. JAMTR	OMTR (JICA Room)
		13:00-14:30	D	Country Report Presentation			OMTR (St. Mark Hall)
9/1	WED	10:00-12:00	L	Field & Promotion SME Support Policies (National Government)	Matsuda	Professor, Ryukyu University	OMTR (JICA Room)
9/2	THU	10:00-12:00	O	Field & Promotion Creation Core Hospital Osaka	Yamamura Yanase		Hospital - Osaka City, Osaka Pref.
9/3	FRI	10:00-11:30	L	Case Study for Technical Support (Metals)			OMTR (10)
9/4	SAT						
9/5	SUN						
9/6	MON	10:00-11:30	L	Case Study for Technical Support (Inorganic Materials)			OMTR (302)
9/7	TUE	10:00-12:45	L	Processing Inorganic Materials Processing	Kido	Osaka ILO Div. JAMTR	OMTR (302)
		13:45-15:30	L	Processing Metallic Materials Processing	Chigawa Kishimoto	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (308)
9/8	WED	10:00-11:30	LP	Practice in Inorganic Materials Processing (Paste Method)	Yamamoto Kishimoto	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (308, 312)
9/9	THU	10:00-11:30	LP	Practice in Inorganic Materials Processing (Paste Method)	Yamamoto Kishimoto	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (308, 312)
9/10	FRI	10:00-12:00	O	Field	Asakura Lab., Kyoto University		Kyoto City, Kyoto Pref.
		14:00-15:00	O	Field	Metal Kikumura Co., Ltd.	Chigawa	Kyoto City, Kyoto Pref.
9/11	SAT						
9/12	SUN						
9/13	MON	10:00-11:30	UP	Processing Practice in Inorganic Materials Processing (Electrode Method)	Origane	Osaka ILO Div. JAMTR	OMTR (308, 309)
		14:00-15:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/14	TUE	10:00-11:30	LP	Practice in Inorganic Materials Processing (Electrode Method)	Origane	Osaka ILO Div. JAMTR	OMTR (308, 309)
9/15	WED	10:00-11:30	UP	Practice in Inorganic Materials Processing (Paste)	Fujimori Kobayashi Suda	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (308, 309)
		13:00-14:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/16	THU	10:00-11:30	LP	Practice in Inorganic Materials Processing (Electrode Method)	Fujimori Suda		OMTR (308, 309)
9/17	FRI	10:00-12:00	O	Field	Takyo Manufacturing Co., Ltd.	Horo	Osaka City, Osaka Pref.
		14:00-15:00	O	Field	C. U. Hara & Co., Ltd.		Hirakata City, Osaka Pref.
9/18	SAT						
9/19	SUN						
9/20	MON			General Report			
9/21	TUE	10:00-11:30	UP	Processing Practice in Inorganic Materials Processing (Solid State Reaction)	Tani	Osaka ILO Div. JAMTR	OMTR (308, 311)
		13:00-14:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/22	WED	10:00-11:30	LP	Practice in Inorganic Materials Processing (Dry Process)	Fujimori Takahashi	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (308, 311)
		14:00-15:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/23	THU			General Report			
9/24	FRI	10:00-12:00	O	Field	Mitsui Manufacturing Co., Ltd.	Nishinomiya	Tokushima City, Ehime Pref.
		14:00-15:00	O	Field	Kyoto Emi Co., Ltd.		Kyoto City, Kyoto Pref.
9/25	SAT						
9/26	SUN						
9/27	MON	10:00-11:30	UP	Processing Practice in Inorganic Materials Processing (Solid State Method)	Takahashi	Osaka ILO Div. JAMTR	OMTR (308, 312)
		13:30-14:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/28	TUE	10:00-12:45	L	Processing Metallic Materials Processing	Mizuno	Osaka ILO Div. JAMTR	OMTR (101)
		13:45-15:30	L	Processing Metallic Materials Processing	Miyazaki Nagasaki Morimoto	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (101)
9/29	WED	10:00-11:30	UP	Material Analysis Practice in Metallic Materials Processing (Solid Phase Reaction / Precipitation Method)	Suzuki Miyazaki	Osaka ILO Div. JAMTR Osaka ILO Div. JAMTR	OMTR (101)
		13:30-14:30		Japanese Language Evening Class		IVCA	JICA Osaka 3
9/30	THU	10:00-12:45	L	Material Analysis Introduction to Method of Inorganic Material Analysis I	Fujimori	Osaka ILO Div. JAMTR	OMTR (101)
		13:45-15:30	L	Material Analysis Introduction to Method of Inorganic Material Analysis II	Fujimori	Osaka ILO Div. JAMTR	OMTR (308)

1301	FR	10:00-12:00	0	2	N	Plasma IFC Co., Ltd	Fukuoka	Inst. Res. Dev. (AMTR)	Oita City, Oita Pref
1302	SAT	14:15-18:15	N			Oyako Type Die Casting Co., Ltd			Oita City, Oita Pref
1303	MON	10:00-12:00	LP	2	Material Analysis	Practice in Material Analysis (ICP-AES)	Kanazawa	IC, RES/EN/EN (AMTR)	OMTR (206,114)
1304	TUE	18:00-20:30	LP	2	Japanese Language Evening Class			YACA	JCA Oita-2
1305	WED	16:00-18:30	LP	2	Material Analysis	Practice in Material Analysis (ICP-AES)	Kanazawa	IC, RES/EN/EN (AMTR)	OMTR (206,114)
1306	THU	18:00-20:30	LP	2	Material Analysis	Practice in Material Analysis (X-ray Diffraction)	Taipei	Inst. Res. Dev. (AMTR)	OMTR (206,114)
1307	FRI	18:00-20:30	LP	2	Japanese Language Evening Class			YACA	JCA Oita-2
1308	SAT	10:00-18:30	LP	2	Material Analysis	Practice in Material Analysis (X-ray Diffraction)	Taipei	Inst. Res. Dev. (AMTR)	OMTR (206,121)
1309	SUN	10:00-12:00	0	2	N	Sankyo Electric Hardware	Morioka	RS/RC (AMTR)	Zenji City, Oita Pref
1310	MON	14:15-18:15	0	2	N	Oita University			Saga City, Oita Pref
1311	TUE		N						
1312	WED		N						
1313	THU		N						
1314	FRI	10:00-14:30	LP	1	Material Analysis	Practice in Material Analysis (SEM)	Nagasaki	RS/RC (AMTR)	OMTR (107,116)
1315	SAT	AM				Move to Higashi			
1316	SUN	PM	0	2	N	Oita City Ltd.			Ashi City, Ashi Pref
1317	MON	9:30-11:30	0	2	N	YFS Oyster			Yamaguchi City, Yamaguchi Pref
1318	TUE	14:30-16:30	0	1	N	NRK Spring Ltd.	Yamaguchi	RS/RC (AMTR)	Utsunomiya City, Yamaguchi Pref
1319	WED	18:15-21:00	0	2	N	JFE Steel Corporation			Yamaguchi City, Yamaguchi Pref
1320	THU	PM			N	Move to Oita			
1321	FRI		N						
1322	SAT		N						
1323	SUN		N						
1324	MON	10:00-14:30	LP	2	Material Analysis	Fixing of Electronic Parts	Fukuoka Nagasaki	Inst. Res. Dev. (AMTR) Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (206,205)
1325	TUE	18:00-20:30				Japanese Language Evening Class		YACA	JCA Oita-2
1326	WED	18:00-20:30	LP	2	Material Analysis	Practice in Material Analysis (Fluorescent X-ray)	Morioka	RS/RC (AMTR)	OMTR (107,116)
1327	THU	18:00-20:30	LP	2	Evolution	Practice in Material Analysis (TEM)	Morioka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (111)
1328	FRI	18:00-20:30	LP	2	Evolution	Japanese Language Evening Class		YACA	JCA Oita-2
1329	SAT	10:00-14:30	LP	2	Material Analysis	Practice in Material Analysis (JSCA)	Chugoku	RS/RC (AMTR)	OMTR (206,114)
1330	SUN	11:00-16:30	0	2	N	Practice in Material Analysis (Thermal Analysis)	Yamaguchi	RS/RC (AMTR)	OMTR (206,217)
1331	MON		N						
1332	TUE		N						
1333	WED	18:00-20:30	LP	2	Evolution	Practice in Measurement of Mechanical Properties I	Fukuoka Fukuoka Morioka	Inst. Res. Dev. (AMTR) Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (81)
1334	THU	18:00-20:30	LP	2	Evolution	Japanese Language Evening Class		YACA	JCA Oita-2
1335	FRI	10:00-16:30	LP	2	Evolution	Practice in Measurement of Mechanical Properties II	Fukuoka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (107,111)
1336	SAT	10:00-14:30	LP	2	Material Analysis	Product Design by Computer-Aided Engineering (Stress & Deformation Analysis)	Fukuoka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (107,121)
1337	SUN	18:00-20:30				Japanese Language Evening Class		YACA	JCA Oita-2
1338	MON	10:00-14:30				To be decided			
1339	TUE	18:00-21:00	0	2	N	Oita City Ltd.			Oita City, Oita Pref
1340	WED	14:00-18:00	0	2	N	Yagi Engineering Inc.	Oita	RS/RC (AMTR)	Moroh City, Oita Pref
1341	THU		N						
1342	FRI		N						
1343	SAT		N						
1344	SUN		N						
1345	MON	10:00-14:30	LP	2	Evolution	Product Design by Computer Aided Engineering (Finite Element)	Saga Nagasaki	RS/RC (AMTR) RS/RC (AMTR)	OMTR (107,121)
1346	TUE	18:00-20:30	LP	2	Evolution	Japanese Language Evening Class		YACA	JCA Oita-2
1347	WED	18:00-20:30	LP	2	Evolution	Practice in Material Analysis (Image Analysis)	Saga Nagasaki	RS/RC (AMTR) RS/RC (AMTR)	OMTR (107,121)
1348	THU	18:00-20:30	LP	2	Evolution	Japanese Language Evening Class		YACA	JCA Oita-2
1349	FRI		N						
1350	SAT		N						
1351	SUN		N						
1352	MON	10:15-18:00	0	2	N	Shirayama Electronics Co., Ltd.			Oita City, Oita Pref
1353	TUE	18:00-21:00	0	2	N	Toyo Advanced Technologies Co., Ltd.	Nagasaki	RS/RC (AMTR)	Morioka City, Morioka Pref.
1354	WED					Morioka Pref. Material Museum			
1355	THU					Move to Oita			
1356	FRI		N						
1357	SAT		N						
1358	SUN		N						
1359	MON	10:00-14:30	L	2	Evolution	Fundamentals of Electromagnetic Properties and Its Application	Saga	RS/RC (AMTR)	OMTR (336)
1360	TUE	18:00-20:30				Japanese Language Evening Class		YACA	JCA Oita-2
1361	WED	18:00-20:30	LP	2	Evolution	Practice in Measurement of Electromagnetic Properties	Saga	RS/RC (AMTR)	OMTR (206,202)
1362	THU	18:00-20:30	LP	2	Evolution	Practice in Measurement of Electromagnetic Properties	Taipei	Inst. Res. Dev. (AMTR)	OMTR (206,111)
1363	FRI	10:00-20:30	LP	2	Evolution	Japanese Language Evening Class		YACA	JCA Oita-2
1364	SAT	10:00-14:30	LP	2	Evolution	Practice in Optical Property of Inorganic Materials	Chugoku	RS/RC (AMTR)	OMTR (206,210)
1365	SUN	10:00-19:00	0	1	N	Spring II	Yamaguchi	RS/RC (AMTR)	Suyogun, Yamaguchi Pref
1366	MON		N						
1367	TUE		N						
1368	WED	18:00-20:30	LP	2	Material Analysis	Practice in Material Analysis (Corrosion)	Nagasaki	RS/RC (AMTR)	OMTR (206,204)
1369	THU	10:00-14:30	LP	2	Material Analysis	Practice in Material Analysis (Corrosion)	Nagasaki	RS/RC (AMTR)	OMTR (206,204)
1370	FRI	18:00-20:30	LP	2	Material Analysis	Practice in Surface Treatment Analysis	Osaka	RS/RC (AMTR)	OMTR (206,202)
1371	SAT		0	1	N	Preparation of Discontinuation Materials			OMTR (JCA Room)
1372	SUN		0	2	N	Preparation of Discontinuation Materials	Morioka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (JCA Room)
1373	MON	10:00-14:30	0	1	N	Preparation of Discontinuation Materials			OMTR (JCA Room)
1374	TUE		N						
1375	WED	18:00-20:30	0	1	N	Preparation of Discontinuation Materials	Morioka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (JCA Room)
1376	THU	10:00-14:30	0	1	N	Preparation of Discontinuation Materials			OMTR (JCA Room)
1377	FRI	10:00-14:30	0	1	N	Preparation of Discontinuation Materials			OMTR (JCA Room)
1378	SAT		N						
1379	SUN		N						
1380	MON	10:00-14:30	0	1	N	Preparation of Discontinuation Materials	Morioka Morioka	Inst. Res. Dev. (AMTR) RS/RC (AMTR)	OMTR (JCA Room)
1381	TUE		N						
1382	WED	18:00-20:30	0	3	N	Action Plan			OMTR (E-111)
1383	THU	18:00-21:00				Technical Office Evaluation Meeting			OMTR (E-1)
1384	FRI	18:00-21:00				Closing Ceremony Farewell Party			JCA Oita-2
1385	SAT					Departure			
1386	SUN								
1387	MON								
1388	TUE								
1389	WED								
1390	THU								
1391	FRI								
1392	SAT								
1393	SUN								

Note: L: Lecture, T: Study Trip
 P: Practice, N: No Official Programme
 O: Open-ended/2nd
 M: Main Corresponding to 3 Objectives designated in 61 (General Information)
 Objective 2 is divided into 2: Processing, Material Analysis and Evaluation
 JCA Oita-2: Oita Academic Center, JCA
 OMTR: Oita Municipal Technical Research Institute
 PR: Oita Prefecture Technology Research Center
 ENV: Environmental Technology Research Division
 ELD: Electronic Materials Research Division
 ORS: Organic Materials Research Division
 JICE: Japan International Cooperation Center

TECHNICAL SUPPORT FOR SME PROMOTION

Lecture & Observation:

Introduction to technical support system for SME promotion in Japan, Osaka City & OMTRI

Presentation: status and problems in supporting SME promotion in participant's countries

<Organic Materials Technology>

Case study

Lecture/Practice/plant visit:

Specialty chemicals/ Organic synthesis/

Surfactants, odorants and cosmetics/ Textile/

Instrumental analysis/

Pollution control technology

Study Trips

Advanced Training

<Inorganic Materials and Metals Technology>

Case study

Lecture/Practice/plant visit:

Inorganic materials and metals/

Processing/ Material analysis/

Characterization

Study Trips

Advanced Training

Gathering information, knowledge & technology/ Deepening understanding via practice/ On-site learning of manufacturing plant in the field & public research centers supporting SME
Confirm the achievement by reports and test

Presentation, Discussion, Submission of Report

Dissemination of gained knowledge and technology for researcher and engineers in own organizations through a seminar. (followed up by OMTRI through e-mail and other means)

Submission of a report from the partner organization to JICA to confirm the proper dissemination

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: be engaged in work or research related to SME Promotion in the field of organic materials/ inorganic materials & metals
- 2) Experience in the relevant field: have more than 3 years' experience
- 3) Educational Background: be a graduate of university and have majored in organic chemistry/ inorganic chemistry and metal or the equivalent
- 4) Language: have a competent command of spoken and written English
- 5) Health: must be in good health, both physically and mentally, to undergo the Program in Japan

※Pregnant participants are strictly requested to complete the required procedures before departure in order to minimize the risk for their health. The procedures include ①letter of the participant's consent to bear economic and physical risks ②letter of consent from the participant's supervisor ③letter of consent from your Embassy in Japan, ④medical certificate. Please ask National Staffs in JICA office for the details.

- 6) Must not be serving any form of military service.
- 7) Age: be between the ages of twenty-five (25) and forty (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) **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), please attach it (or a copy) to the application form.
- (3) **Country Report & Questionnaire:** Applicants should complete a Country Report and a Questionnaire in accordance with the format indicated in ANNEX of this General Information, and submit it along with the Application Form. Applications not accompanied by a completed Country Report and a Questionnaire cannot be duly considered for selection. The country report should be typewritten and double-spaced in English (approximately 4–5 pages, A4-size). At the beginning of the technical training course, each participant will give a report presentation for 15 to 20 minutes based on the reports submitted with the Application Form. Participants are therefore requested to prepare material for an effective presentation before coming to Japan.

4. Procedure for Application and Selection:

(1) Submitting the Application Documents:

Closing date for application to the JICA Center in JAPAN: 25 May, 2011

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 15 June 2011

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,
- (6) to observe the rules and regulations of their place of accommodation and not to change the accommodation designated by JICA, and
- (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 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.

IV. Administrative Arrangements

1. Organizer:

- (1) **Name:** Training Program Division, JICA Osaka
- (2) **Contact:** Ms. Mayumi MURAKAMI, (Murakami.Mayumi@jica.go.jp cc with jicaosicp-kensyu1@jica.go.jp)

2. Implementing Partner in JFY2010:

- (1) **Name:** Osaka Municipal Technical Research Institute (OMTRI)*
*The implementing partner is subject to change.
- (2) **URL:** http://www.omtri.or.jp/gaiyou_e/outline_e.pdf
- (3) **Remark:** Osaka Municipal Technical Research Institute (OMTRI) was founded by the City of Osaka in 1916 with the principal objective of promoting and advancing the manufacturing industries of Osaka. Since then, it has performed comprehensive technological services through its success in developing much innovative technology based on fundamental studies and their application. The institute also promotes international friendship through technical cooperation with many developing countries around the world.

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:** Term of Insurance: From arrival to departure in Japan. The traveling time outside Japan shall not be covered.

4. Accommodation in Japan:

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

JICA Osaka International Center (JICA OSAKA) Address: 25-1 Nishi-Toyokawa-cho, Ibaraki-shi, Osaka 567-0058, Japan TEL: 81-72-641-6900 FAX: 81-72-641-6910 (where "81" is the country code for Japan, and "72" is the local area code)
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If there is no vacancy at JICA Osaka, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of OSIC at its URL, <http://www.jica.go.jp/english/contact/domestic/>

5. Expenses:

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

- (1) Allowances for accommodation, 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 p. 9-16 of the brochure for participants titled "KENSHU-IN GUIDE BOOK," which will be given to the selected participants

before (or at the time of) the pre-departure orientation.

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.

7. General Orientation for Introduction to Japan

Participants are scheduled to participate in a 2-day orientation program offered by JICA Osaka for the purpose of providing participants with general information on key points regarding Japan and with the tools needed for adapting to life and training in Japan. Basic information on Japanese values, behavior and customs as well as economic and social institutions will be provided.

8. Japanese Language Course

A general Japanese language course is organized in the evening for participants who are interested in learning the language.

9. Development Education Program

The purposes of the International Cooperation Program of JICA are not only to share Japanese knowledge, experience and ideas with participating countries, but also to promote mutual understanding between participating countries and Japan. The Japanese government recognizes the importance of citizen participation in its International Cooperation Program and has thus recently placed a greater emphasis on this aspect of the Program. With this objective, JICA collaborates with schools and local governments as well as various kinds of community-based organizations to expose the members to the rich heritages of foreign cultures represented by participants, as a precious first step to promote international exchange and cooperation. To provide a stronger foundation for these activities, JICA has been conducting a Development Education Program for Japanese citizens in all training courses and seminars it offers. Participants are encouraged to bring any materials necessary to introduce the cultural heritages and/or natural histories of their own countries, such as national costumes, musical instruments, works of art, photographs, and so on. This program may not be conducted if there is no offer from any schools.

VI. ANNEX:

ANNEX I

Technical Support for SME Promotion (Organic Materials /Inorganic Materials & Metals) (JFY 2011)

Country Report

Participants are requested to prepare a country report, following the format below.

Country:

Name of applicant:

Name of organization:

Group of Application:

Organic Materials Inorganic Materials & Metals

(Select one (1) of the above two groups)

1. Explain your research theme briefly as to the following:
 - a) What is the theme of your thesis?
 - b) What is the theme of your research in your organization?

2. Give detailed descriptions regarding your duty as to the following:
 - a) Draw a detailed chart of your organization and indicate your position in it as well as the number of persons in each department, division, section, work team, etc.
 - b) What kind of work are you engaged in?
 - c) How is the relation with your work and industry?
 - d) What kind of knowledge/skills are you expected/required to obtain in this training program, and disseminate after your return home from your organization? (Please discuss with your boss and answer to this question.)

3. Give detailed descriptions regarding SMEs (Small & Medium Enterprises) as to the following:
 - a) Definition of SME (Capital, Number of Employees etc.) according to the SME policy/act/law in your country.
 - b) Technical Support system for SMEs in your country
 - c) Describe issues and causes which SMEs are facing in the field of Organic Material and Inorganic Material/Metals in your country (Please select one topic)
 - d) Your involvement in technical support for SMEs

ANNEX II

Questionnaire for ORGANIC MATERIALS Group

Please check the letter (A, B, C) to indicate the relevance of the subjects to your job and dissemination activity and/or improvement of your work. This questionnaire is used to adjust the contents of lectures/practices of this year.

- A. Highly relevant to your job, and very useful in your dissemination activity.
- B. Relevant to the situation of your organization, but not usable now
- C. Not so relevant to your job, and not useful in your dissemination activity.

Subject		A	B	C
1	ORGANIC UNIT PROCESS-PRACTICE *Practice and lecture of fundamental organic synthesis and experimental technique (nitration and reduction).	A	B	C
2	INSTRUMENTAL ANALYSIS (I) -Liquid Chromatography- *Lecture and practice of HPLC (High Performance Liquid Chromatography) and TLC(Thin Layer Chromatography), basics and applications.	A	B	C
3	INSTRUMENTAL ANALYSIS (I) -GC-MASS- *Mass spectrometry is explained for the identification of organic compounds by molecular ion peak and fragmentation pattern.	A	B	C
4	INSTRUMENTAL ANALYSIS (I) - FT-IR- *FT-IR is a method to analyze molecular configurations of organic compounds by using IR spectra. We have a lecture and practice about typical FT-IR measurement methods.	A	B	C
5	INSTRUMENTAL ANALYSIS (I) - Ultraviolet- *The principles, general operation, analyses of data and more applied operation of the ultraviolet-visible spectrometer and the fluorescence spectrophotometer.	A	B	C
6	INSTRUMENTAL ANALYSIS (I) -NMR- *Explanation of the principle, chemical shift and spin-spin coupling. Training for analyzing the spectra.	A	B	C
7	INSTRUMENTAL ANALYSIS (I) - GC- *Gas Chromatography covers the explanation of principle and the practical experiments of quantitative and qualitative analysis.	A	B	C
8	INSTRUMENTAL ANALYSIS (I) - EA- *EA (Elemental Analysis) is quite important to analyze and guarantee organic compounds.	A	B	C
9	EXERCISE OF ORGANIC STRUCTURAL CHEMISTRY *Exercises for structural identification of organic compounds by analyzing data of NMR, IR, MS and UV.	A	B	C
10	FUNCTINAL DYES *The functional dyes are explained physical and chemical properties of dyes comparing with the traditional dyes, and recent applications of those dyes.	A	B	C
11	SYNTHESIS OF COLOR MATERIALS Practice and lecture of basic and important reaction for synthesis of color materials (indigo, azo compound and cationic triphenylmethane).	A	B	C
12	SURFACTANTS AND DETERGENTS *Trends and technological developments in surfactants and detergents in Japan are explained herein.	A	B	C
13	INSTRUMENTAL ANALYSIS (II) -ION CHROMATOGRAPHY- *Ion chromatography is a convenient analytical tool for inorganic ions in water. Drinking waters are actually analyzed.	A	B	C
14	INSTRUMENTAL ANALYSIS (II) -High Performance Capillary Electrophoresis- *Fundamentals and applications of capillary electrophoresis are learned in the lecture and organic acids in drinks are analyzed in the experiments.	A	B	C
15	INSTRUMENTAL ANALYSIS (II) -DSC- *DSC is one of thermo-analytical methods to detect change in heat flow, and explained for analysis and evaluation of thermal phenomena such as phase	A	B	C

	transitions, reactions, stability and so on.	
16	INSTRUMENTAL ANALYSIS (II) -ECA- *Electrochemical analysis is used for investigating a change in a chemical substance by electron transfer. Fundamental theory and techniques are introduced through a lecture and a practice.	A B C
17	QUALITATIVE AND QUANTITATIVE ANALYSIS OF COSMETICS *This subject explains the qualitative and quantitative analysis of cosmetics.	A B C
18	INSTRUMENTAL ANALYSIS (II) -Colloidal Dispersion and Zeta Potential- *ELS (Electrophoretic light scattering) method is used for measuring zeta potential, which is quite important to the stability of dispersion systems.	A B C
19	INSTRUMENTAL ANALYSIS (II) -DYNAMIC LIGHT SCATTERING- -Measurement of Particle Size and Distribution- *DLS (Dynamic light scattering) method is a useful technique to determine the size distribution profile of small particles in suspension or solution.	A B C
20	SURFACE-ACTIVE AGENT & DETERGENT -Synthesis and Properties of Sodium Dodecyl Sulfate (SDS)- *Sodium Dodecyl Sulfate (SDS) is synthesized and their properties (solubility in water, surface tension, dynamic surface tension and foaming) are measured.	A B C
21	SURFACE-ACTIVE AGENTS AND DETERGENTS -Analysis of Synthetic Detergent- *The components (water content, surfactant matter and so on) of synthetic detergent are analyzed.	A B C
22	STEREOCHEMISTRY *Properties, synthesis, and separation of chiral compounds are learned through the lecture, exercises, experiments, and practices.	A B C
23	INSTRUMENTAL ANALYSIS (II) -LS-MS- *Fundamentals and applications of atmosphere pressure ionization mass spectrometry connected to a high performance liquid chromatography are learned in the lecture and various compounds are analyzed using the mass spectrometry in the experiments.	A B C
24	DYEING TECHNIQUE- Allocation- *Dyeing process is described by dyeing kinetics and dyeing equilibrium, they can be evaluated by the investigation of dyeing speed and saturation adsorption in various concentrations of dye solution.	A B C
25	DYEING TECHNIQUE- Surface- *Surface processing is a very useful and important technique to afford fibers various new functions. For example, PET fabrics reacted by ethylenediamine (aminolysis) are introduced amino groups on their surface, and these fabric can be dyed easily by acid dyes in the same manner as with protein fibers such as wool and silk.	A B C
26	DYEING TECHNIQUE- Colorimetry- *Color differences of textiles are described in numerical term by Lab color system.	A B C
27	SYNTHESIS OF INTERMEDIA PRODUCTS OF PHARMACEUTICAL DRUGS AND PESTICIDES *This subject reviews the syntheses of the famous pesticides and the best selling drugs used in the major human disease.	A B C
28	SYNTHESIS OF INTERMEDIA PRODUCTS OF PHARMACEUTICAL DRUGS AND PESTICIDES *Training for experiments of indole synthesis and nifedipine synthesis.	A B C
29	ENVIRONMENTAL POLLUTION CONTROL TECHNIQUE 1) This class involves historical perspectives and some technical solutions of the Japanese experience with cleanup and management of water pollution. 2) Basic idea is introduced for water quality and treatment technology for industrial water pollution control. 3) Wastewater treatment test from the dyeing practice is performed by physicochemical processes such as coagulation, sedimentation and adsorption. 4) The general properties, production technologies, usage and applications based on adsorption of activated carbon. 5) Preparation of activated carbon from coconut-shell and analysis of its porosity and basic adsorption experiments.	A B C

ANNEX III

Questionnaire for INORGANIC MATERIALS & METALS Group

Please check the letter (A, B, C) to indicate the relevance of the subjects to your job and dissemination activity and/or improvement of your work. This questionnaire is used to adjust the contents of lectures/practices of this year.

- A. Highly relevant to your job, and very useful in your dissemination activity.
- B. Relevant to the situation of your organization, but not usable now
- C. Not so relevant to your job, and not useful in your dissemination activity.

Subject		A	B	C
1	Outlines of Technical Support, Case study of SME Promotion in OMTRI	A	B	C
2	SME Support Policies (National Government)	A	B	C
3	Introduction to Method of Inorganic Material Analysis I	A	B	C
4	Introduction to Method of Inorganic Material Analysis II * Outline of quantitative methods based on the solution chemistry	A	B	C
5	Inorganic Materials Processing	A	B	C
6	Metallic Materials Processing * Improvement of ductility * Rapid solidification * Processing of Smart Materials	A	B	C
7	Metallic Materials Processing * Introduction of some topics about the successful research in OMTRI	A	B	C
8	Advanced Metallic Materials Processing	A	B	C
9	Fundamentals of Electromagnetic Properties and Its Application	A	B	C
10	Fundamentals of Electromagnetic Properties and Its Application	A	B	C
11	Practice in Inorganic Materials Processing (Paste Method)	A	B	C
12	Practice in Inorganic Materials Processing (Electrolytic Method)	A	B	C
13	Practice in Inorganic Materials Processing (Plating Technology) * Surface Finishing Industry * Application of Plating * Practice of Bright Plating	A	B	C
14	Practice in Inorganic Materials Processing (Decorative Plating) * Process and Application of Decorative Plating * Fundamental and Application of Electroless Plating * Practice of Plating on Plastics	A	B	C
15	Practice in Inorganic Materials Processing (Solid State Reaction, Self-propagating high-temperature synthesis)	A	B	C
16	Practice in Inorganic Materials Processing (Dry Process for Thin Film) * Fundamental of PVD and CVD Processes * Practice of Sputtering Process	A	B	C
17	Practice in Inorganic Materials Processing (Sol-Gel Method)	A	B	C
18	Practice in Metallic Materials Processing (High Frequency Induction / Levitation Melting)	A	B	C
19	Practice in Material Analysis (ICP-AES) * Lecture about the principle of AES * Examination of the preparation of test solutions using alloy samples	A	B	C
20	Practice in Material Analysis (ICP-AES) * Determination using ICP-AES * Data procession and evaluation of the reliability	A	B	C
21	Practice in Material Analysis (X-ray Diffraction)	A	B	C
22	Practice in Material Analysis (SEM)	A	B	C
23	Practice in Material Analysis (ESCA)	A	B	C
24	Practice in Material Analysis (Thermal Analysis)	A	B	C
25	Practice in Material Analysis (Image Analysis) * Spherical ratio measurement of graphite nodules in cast iron * Grain size measurement of ferrite metal	A	B	C
26	Practice in Material Analysis (Fluorescent X-ray)	A	B	C

27	Practice in Material Analysis (Corrosion)	A	B	C
28	Practice in Measurement of Mechanical Properties I	A	B	C
29	Practice in Measurement of Mechanical Properties II * Fundamentals of mechanical properties at high temperature * Tensile testing of a metallic alloy at elevated temperatures	A	B	C
30	Practice in Measurement of Electromagnetic Properties	A	B	C
31	Practice in Measurement of Electromagnetic Properties (Hall effect, Thermoelectric power, Electrical resistivity)	A	B	C
32	Practice in Optical Property of Inorganic Materials	A	B	C
33	Practice in Surface Treatment Analysis *Hardness and the thickness of plating	A	B	C
34	Product design by Computer Aided Engineering (Shape Inspection)	A	B	C
35	Product design by Computer-Aided Engineering (Stress & Deformation Analysis)	A	B	C
36	Visits to the plating processing line about electronic products	A	B	C
37	Visits to the manufacture line of the reagent for plating	A	B	C

Welcome to JICA Osaka

Osaka International Center of Japan International Cooperation Agency (JICA Osaka) extends a hearty welcome of all JICA participants.

1. Location of the centre in the Kansai region

JICA Osaka is located in Ibaraki City, Osaka prefecture, in the heart of the Kansai region. Ibaraki lies close to the ancient cultural centers of Kyoto and Nara, and to the commercial, industrial and economic center of Osaka, and the city of Kobe.

2. Orientation Programme & Japanese Language Course

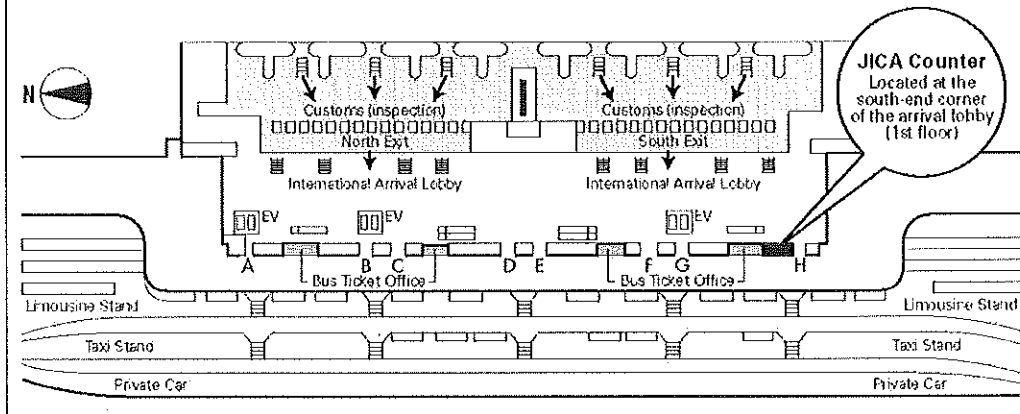
(1) The four days after arrival at JICA Osaka are dedicated to an orientation programme, during which participants are introduced to JICA Osaka and its facilities, attend lectures on Japan's economy, society and culture, and participate in an international exchange programme with local communities.

(2) It is desirable that participants acquire basic Japanese daily conversations for use in communication with training institution personnel and in other situations outside the scope of their technical training. JICA Osaka therefore offers: Japanese language course held in the evenings.

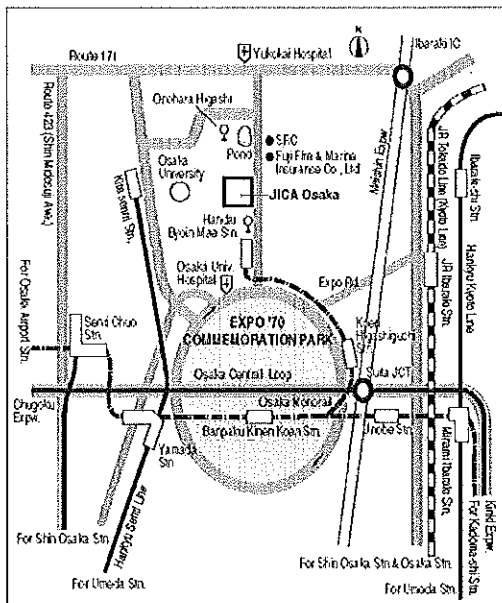
3. Weekend Recreational Program

Occasionally, at the weekends, JICA Osaka, in concert with community groups, organizes a programme of recreational activities and cultural exchange events.

Map of JICA Counter in Kansai International Airport (KIX)



Map of the JICA Osaka Vicinity



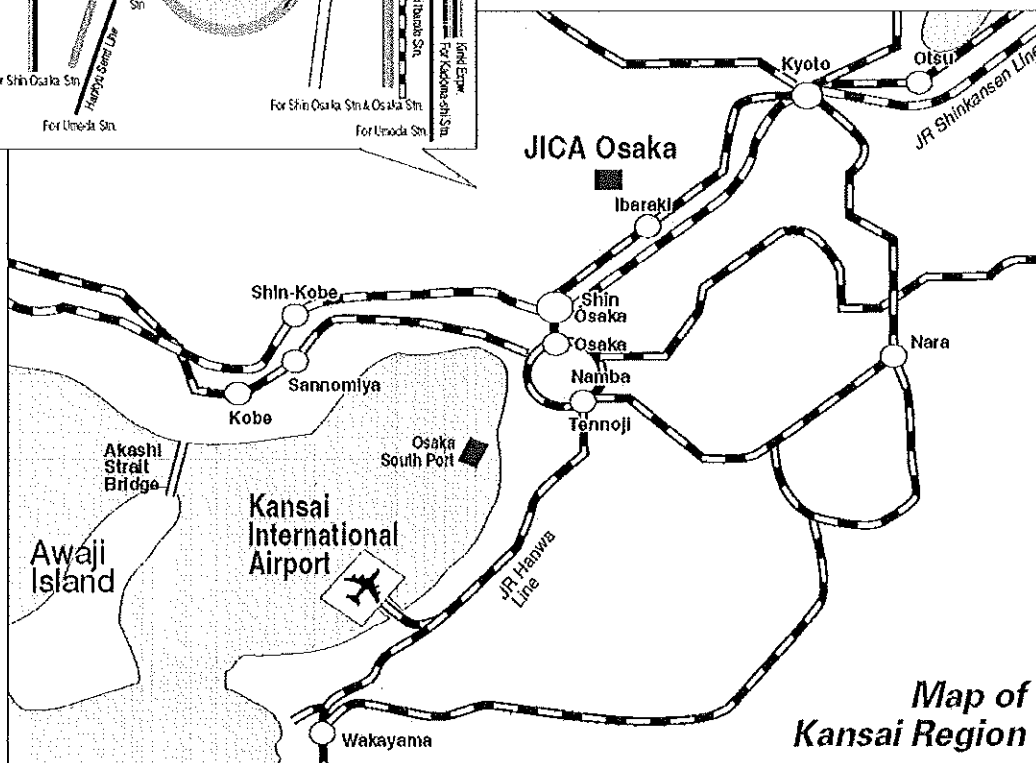
Upon arrival, participants should follow the procedure below:

1. Ride on Wing Shuttle (red elevated tram).
2. Pass through Immigration.
3. Collect baggage and pass through Customs Inspection.
4. Go to the JICA Counter located at the south-end corner of the arrival lobby (1st floor).

The staff at the JICA Counter will provide participants with a limousine bus ticket to Osaka Station

(alight at Hotel New Hankyu).

At Osaka Station, a representative of the travel agency designated by JICA will meet the participant. The participant will be taken to JICA Osaka by taxi (with a taxi ticket), which takes approximately 30 minutes.



Map of Kansai Region



Guidelines of Application Form for the JICA Training and Dialogue Program

The attached form is to be used to apply for the training and dialogue programs of the Japan International Cooperation Agency (JICA), which are implemented as part of the Official Development Assistance Program of the Government of Japan. Please complete the application form while referring to the following and consult with the respective country's JICA Office - or the Embassy of Japan if the former is not available - in your country for further information.

1. Parts of Application Form to be completed

1) Which part of the form should be submitted?

It depends on the type of training and dialogue program you are applying for.

>Application for Group and Region Focused Training Program

Official application and Parts A and B including Medical History and Examination must be submitted.

>>Application for Country Focused Training Program including Counterpart Training Program

Part B including Medical History and Examination will be submitted. Official application and Part A need not to be submitted

2) How many parts does the Application Form consist of?

The Application Form consists of three parts as follows;

Official Application

This part is to be confirmed and signed by the head of the relevant department/division of the organization which is applying.

Part A. Information on the Applying Organization

This part is to be confirmed by the head of the relevant department/division of the organization which is applying.

Part B. Information About the Nominee including Medical History and Examination

This part is to be completed by the person who is nominated by the organization applying. The applicants for Group and Region Focused Training Program are required to fill in every item. As for the applications for Country Focused Training Program including Counterpart Training Program and some specified International Dialogue Programs, it is required to fill in the designated "required" items as is shown on the Form.

Please refer to the General Information to find out which type the training and dialogue program that your organization applies for belongs to.

2. How to complete the Application Form

In completing the application form, please be advised to:

- carefully read the General Information (GI) for which you intend to apply, and confirm if the objectives and contents are relevant to yours,
- be sure to write in the title name of the course/seminar/workshop/project accurately



according to the GI, which you intend to apply,

- (c) use a typewriter/personal computer in completing the form or write in **block letters**,
- (d) fill in the form in **English**,
- (e) use or "x" to fill in the () check boxes,
- (f) attach a picture of the Nominee,
- (g) attach additional page(s) if there is insufficient space on the form,
- (h) prepare the necessary document(s) described in the General Information (GI), and attach it (them) to the form,
- (i) confirm the application procedure stipulated by your government, and
- (j) submit the original application form with the necessary document(s) to the responsible organization of your government according to the application procedure.

Any information that is acquired through the activities of the Japan International Cooperation Agency (JICA), such as the nominee's name, educational record, and medical history, shall be properly handled in view of the importance of safeguarding personal information.

3. Privacy Policy

1) Scope of Use

Any information used for identifying individuals that is acquired by JICA will be stored, used, or analyzed only within the scope of JICA activities. JICA reserves the right to use such identifying information and other materials in accordance with the provisions of this privacy policy.

2) Limitations on Use and Provision

JICA shall never intentionally provide information that can be used to identify individuals to any third party, with the following three exceptions:

- (a) In cases of legally mandated disclosure requests;
- (b) In cases in which the provider of information grants permission for its disclosure to a third party;
- (c) In cases in which JICA commissions a party to process the information collected; the information provided will be within the scope of the commissioned tasks.

3) Security Notice

JICA takes measures required to prevent leakage, loss, or destruction of acquired information, and to otherwise properly manage such information.

4. Copyright policy

Participants of the JICA Training and Dialogue program are requested to comply with the following copyright policy;

Article 1. Compliance matters with participants' drafting of documents (various reports, action plans, etc.) and presentations (report meetings, lectures, speeches, etc.)

1. Any contents of the documents and presentations shall be created by themselves in principle.



2. Comply with the following matters, if you, over the limit of quotation, have to use a third person's work (reproduction, photograph, illustration, map, figure, etc.) that is protected under laws or regulations in your country or copyright-related multinational agreements or the like:

- (1) Obtain license to use the work on your own responsibility. In this case, the scope of the license shall meet the provisions of Article 2.
- (2) Secure evidential material that proves the grants of the license and specifies the scope of the license.
- (3) Consult with the third party and perform the payment procedure on your own responsibility regarding negotiations with a third person about the consideration for granting the license and the procedure for paying the consideration,.

Article 2. Details of use of works used for training

- (1) The copyright on a work that a participant prepares for a training course shall belong to the trainee. The copyright on the parts where a third party's work is used shall belong to the third party.
- (2) When using texts, supplementary educational materials and other materials distributed for the JICA training courses, participants shall comply with the purposes and scopes approved by each copyright holder.



Training Programs under Technical Cooperation with the Government of Japan

Application Form for the JICA Training and Dialogue Program

OFFICIAL APPLICATION

(to be confirmed and signed by the head of the relevant department / division of the applying organization)

1. Title: (Please write down as shown in the General Information)

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2. Number: (Please write down as shown in the General information)

J	0		-						
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3. Country Name:

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4. Name of Applying Organization:

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5. Name of the Nominee(s):

1)	3)
2)	4)

Our organization hereby applies for the training and dialogue program of the Japan International Cooperation Agency and proposes to dispatch qualified nominees to participate in the programs.

Date:		Signature:		
Name:				
Designation / Position			Official Stamp	
Department / Division				
Office Address and Contact Information		Address:		
		Telephone:	Fax:	E-mail:

Confirmation by the organization in charge (if necessary)

I have examined the documents in this form and found them true. Accordingly I agree to nominate this person(s) on behalf of our government.

Date:		Signature:		
Name:				
Designation / Position			Official Stamp	
Department / Division				



Part A: Information on the Applying Organization

(to be confirmed by the head of the department / division)

1. Profile of Organization

1) Name of Organization:

2) The mission of the Organization and the Department / Division:

2. Purpose of Application

1) Current Issues: Describe the reasons for your organization claiming the need to participate in the training and dialogue program, with reference to issues or problems to be addressed.

2) Objective: Describe what your organization intends to achieve by participating in the training and dialogue program.



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3) Future Plan of Actions: Describe how your organization shall make use of the expected achievements, in addressing the said issues or problems.

4) Selection of the Nominee: Describe the reason(s) the nominee has been selected for the said purpose, referring to the following view points; 1) Course requirement, 2) Capacity /Position, 3) Plans for the candidate after the training and dialogue program, 4) Plan of organization and 5) Others.

Part B: Information about the Nominee

(to be completed by the Nominee)

NOTE>>>The applicants for Group and Region Focused Training Program are required to fill in "Every Item". As for the applications for Country Focused Training Program including Counterpart Training Program and some specified International Dialogue Programs, it is required to fill in the designated "required" items as is shown below.

1. Title: (Please write down as shown in the General Information) (required)

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2. Number: (Please write down as shown in the General Information) (required)

J	0	-							
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Attach the nominee's photograph (taken within the last three months) here.
Size: 4x6
(Attach to the documents to be submitted.)

3. Information about the Nominee(nos. 1-9 are all required)

1) Name of Nominee (as in the passport)

Family Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

First Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Middle Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

2) Nationality (as shown in the passport)		6) Date of Birth (please write out the month in English as in "April")				
3) Sex	() Male	() Female	Date	Month	Year	Age
4) Religion						

6) Present Position and Current Duties

Organization							
Department / Division							
Present Position							
Date of employment by the present organization	Date	Month	Year	Date of assignment to the present position	Date	Month	Year

7) Type of Organization

() National Governmental	() Local Governmental	() Public Enterprise
() Private (profit)	() NGO/Private (Non-profit)	() University
() Other ()		

8) Outline of duties: Describe your current duties

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9) Contact Information

Office	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:
Home	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:
Contact person in emergency	Name:	
	Relationship to you:	
	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:

10) Others (if necessary)

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4. Career Record

1) Job Record (After graduation)

Organization	City/ Country	Period		Position or Title	Brief Job Description
		From Month/Year	To Month/Year		

2) Educational Record (Higher Education)(required)

Institution	City/ Country	Period		Degree obtained	Major
		From Month/Year	To Month/Year		



3) Training or Study in Foreign Countries; please write your past visits to Japan specifically as much as possible, if any.

Institution	City/ Country	Period		Field of Study / Program Title
		From Month/Year	To Month/Year	

5. Language Proficiency (required)

1) Language to be used in the program (as in GI)				
Listening	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Speaking	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Reading	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Writing	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Certificate (Examples: TOEFL, TOEIC)				
2) Mother Tongue				
3) Other languages ()	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor

¹ Excellent: Refined fluency skills and topic-controlled discussions, debates & presentations. Formulates strategies to deal with various essay types, including narrative, comparison, cause-effect & argumentative essays.

¹ Good: Conversational accuracy & fluency in a wide range of situations: discussions, short presentations & interviews. Compound complex sentences. Extended essay formation.

¹ Fair: Broader range of language related to expressing opinions, giving advice, making suggestions. Limited compound and complex sentences & expanded paragraph formation.

¹ Poor: Simple conversation level, such as self-introduction, brief question & answer using the present and past tenses.



6. Expectation on the applied training and dialogue program

1) Personal Goal: Describe what you intend to achieve in the applied training and dialogue program in relation to the organizational purpose described in Part A-2.

2) Relevant Experience: Describe your previous vocational experiences which are highly relevant in the themes of the applied training and dialogue program. (required)

3) Area of Interest: Describe your subject of particular interest with reference to the contents of the applied training and dialogue program. (required)

***7. Declaration (to be signed by the Nominee) (required)**

I certify that the statements I made in this form are true and correct to the best of my knowledge.

If accepted for the program, I agree:

- (a) not to bring or invite any member of my family (except for the program whose period is one year or more),
- (b) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating government and the Japanese Government regarding the program,
- (c) to follow the program, and abide by the rules of the institution or establishment that implements the program,
- (d) to refrain from engaging in political activity or any form of employment for profit or gain,
- (e) to return to my home country at the end of the activities in Japan on the designated flight schedule arranged by JICA,
- (f) to discontinue the program if JICA and the applying organization agree on any reason for such discontinuation and not to claim any cost or damage due to the said discontinuation.
- (g) to consent to waive exercise of my copyright holder's rights for documents or products that are produced during the course of the project, against duplication and/or translation by JICA, as long as they are used for the purposes of the program.
- (h) to approve the privacy policy and the copyright policy mentioned in the Guidelines of Application.

JICA's Information Security Policy in relation to Personal Information Protection

- JICA will properly and safely manage personal information collected through this application form in accordance with JICA's privacy policy and the relevant laws of Japan concerning protection of personal information and take protection measures to prevent divulgence, loss or damages of such personal information.

- Unless otherwise obtained approval from an applicant itself or there are valid reasons such as disclosure under laws and ordinances, etc., and except for the following 1.-3., JICA will neither



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provide nor disclose personal information to any third party. JICA will use personal information provided only for the purposes in the following 1.-3 and will not use for any purpose other than the following 1.-3 without prior approval of an applicant itself.

1. To provide technical training to technical training participants from developing countries.
2. To provide technical training to technical training trainees from developing countries under the Citizens' Cooperation Activities..
3. In addition to 1. and 2. above, if the government of Japan or JICA determines necessary in the course of technical cooperation.

Date:	Signature:
	Print Name:

**MEDICAL HISTORY AND EXAMINATION****1. Present Status**

(a) Do you currently use any drugs for the treatment of a medical condition? (Give name & dosage.)

 No Yes >> Name of Medication (_____), Quantity (_____)

(b) Are you pregnant?

 No Yes (_____ months)

(c) Are you allergic to any medication or food?

 No Yes >>> Medication Food Other: _____

(d) Please indicate any needs arising from disabilities that might necessitate additional support or facilities.

(_____)

*Note: Disability does not lead to exclusion of persons with disability from the program. However, upon the situation, you may be directly inquired by the JICA official in charge for a more detailed account of your condition.***2. Medical History**

(a) Have you had any significant or serious illness? (If hospitalized, give place & dates.)

Past: No Yes >> Name of illness (_____), Place & dates (_____)Present: No Yes >> Present Condition (_____)

(b) Have you ever been a patient in a mental hospital or been treated by a psychiatrist?

Past: No Yes >> Name of illness (_____), Place & dates (_____)Present: No Yes >> Present Condition (_____)

(c) High blood pressure

Past: No YesPresent: No Yes >> Present Condition (_____) mm/Hg to (_____) mm/Hg

(d) Diabetes (sugar in the urine)

Past: No YesPresent: No Yes >> Present Condition (_____)Are you taking any medicine or insulin? No Yes

(e) Past History: What illness(es) have you had previously?

 Stomach and Liver Disease Heart Disease Kidney Disease

Intestinal Disorder

 Tuberculosis Asthma Thyroid Problem Infectious Disease >>> Specify name of illness (_____) Other >>> Specify (_____)

(e') Has this disease been cured?

 Yes No (Specify name of illness) _____

Present Condition: (_____)

3. Other: Any restrictions on food and behavior due to health or religious reasons?

I certify that I have read the above instructions and answered all questions truthfully and completely to the best of my knowledge.

I understand and accept that medical conditions resulting from an undisclosed pre-existing condition may not be financially compensated by JICA and may result in termination of the program.

Date: _____ Signature: _____

Print Name: _____