

TRANSMISSION TECHNOLOGY FOR TELECOMMUNICATIONS 伝送通信技術		11 participants J0400344	
OVERALL GOAL / PURPOSE	(1) Understand the series of digital transmission systems, which consist mainly of network synchronization, synchronous multiplexer and digital transmission. (2) Understand various systems such as optical fiber transmission and digital microwave transmission. (3) Understand the administrative techniques which consist of planning and plant engineering, transmission standards.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	Lectures, practical exercises, discussions and observation tour. The main themes are: (1) digital transmission technology; digital multiplex hierarchy, analogue to digital conversion, synchronized multiplexing, video transmission system (2) optical fiber transmission technology; optical source and detector, line code, system design, transmission standard, transmission quality (3) optical fiber line technology, optical fiber transmission theory, characteristics of optical fiber, structure of optical fiber (4) microwave communication system; digital microwave communication, satellite communication, microwave network construction (5) relational technology; digital switching systems engineering, ISDN service, communication quality (6) planning design; transmission network, transmission line facility, digital radio-relay system, optical fiber cable (7) study tour & field trip	DURATION	
		Sep. 27, 2004 ~ Nov. 7, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	1963 ~ 2004
		TRAINING INSTITUTIONS	
		NTT NEOMEIT	
		JICA CENTER	
		Hyogo International Center	
		REMARKS	
		A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (25 hours).	

Radio Regulatory Administration 電波監理行政		9 participants J0400897	
OVERALL GOAL / PURPOSE	(1) Training of the executive officials who become a core over radio regulatory administration (2) Understanding the meaning and an outline of frequency management, and the methods for planning of assignment, forecasting demand and coordination (3) Understanding the actual of frequency assignment, sanction of radio stations based on the number of stations and the needs of using radio frequency (4) Understanding whether the frequency assigned actually will be used efficiently, holding the needs of frequency in future, the necessity of radio regulation at post-fact and the scheme of clearing using waves illegally	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	The following subjects will be covered in this course through lectures, observations and discussions; (1) Legal system for radio regulation (2) Frequency management (3) Sanction and administration for radio stations (4) Radio frequency monitoring (5) Environmental problems associated with electromagnetic waves (6) Certification system for telecommunications equipment	DURATION	
		Aug. 22, 2004 ~ Sep. 18, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2004 ~ 2008
		TRAINING INSTITUTIONS	
		TELECOMMUNICATIONS BUREAU, RADIO DPT. MPHPT	
		JICA CENTER	
		Yokohama International Center	
		REMARKS	

FIBER OPTICS BACKBONE NETWORK (SUBMARINE & LAND CABLE) ENGINEERING 光基幹伝送路網（海底及び陸上ケーブル）技術		8 participants J0403478	
OVERALL GOAL / PURPOSE	The purpose of this course is to enable participants to acquire general knowledge of Fiber Optics Backbone Network and International Optical Fiber Submarine Cable system.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	The course mainly consists of lectures, demonstrations and observations. The main items covered in this course are as follows: (1) Optical fiber communication (2) Planning of Optics backbone network (3) WDM & Optics multiplex terminal equipments (4) Optical submarine cable system (5) Optical Device & Optical measurement technology (6) Operation and maintenance of Optical network & submarine cable (7) Optics LAN/WAN (8) Trend of future optical telecommunication technology	DURATION	
		Oct. 26, 2004 ~ Dec. 11, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		KDDI ENG. & CONSULTING, INC.	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	
		Requirement(cont.): (3) be university graduates in telecommunications/electrical/electronic engineering (4) be under 40 years of age	

FIBER OPTICS OUTSIDE PLANT ENGINEERING 光線路技術		10 participants J0400333	
OVERALL GOAL / PURPOSE	To train participants to be able to operate and maintain optical fiber transmission systems introduced or proposed in each country. The course outlines the basic theory of the optical fiber cable, optical devices, etc., and planning, designing and construction of the system. The training includes sufficient practical training in the transmission field.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	Lectures, practical exercises, discussions and observation tour. The main themes are: (1) Optical Fiber Line Technology; theory, characteristics, structure, design, cable construction technology (2) Digital Transmission Technology; principle, digital multiplex hierarchy, analog to digital conversion, synchronized multiplexing (3) Optical Fiber Transmission Technology; optical source and detector, line code, system design (4) Other Outside Plant Technology; maintenance technology, practical exercise of civil engineering, metallic line cable technology and design (5) Other Technology; digital exchange system, ISDN service, wireless local loops, PHS (6) Administration Techniques (7) Field Trip	DURATION	
		Jan. 24, 2005 ~ Mar. 5, 2005	
		LANGUAGE	COOPERATION PERIOD
		English	1987 ~ 2006
		TRAINING INSTITUTIONS	
		NTT NEOMEIT	
		JICA CENTER	
		Hyogo International Center	
		REMARKS	
		A compulsory intensive Japanese language course will be conducted along with the technical training for 25 hours.	

BROAD-BAND TELECOMMUNICATION NETWORK MAINTENANCE TECHNIQUES ブロードバンドネットワーク保守技術		10 participants J0400821	
OVERALL GOAL / PURPOSE	The purpose is to foster of engineers and supervisors in telecommunication maintenance and management for elimination of digital divide. Course objectives are (1)to acquire knowledge of the outline of telecommunication outside plant and network (2)to acquire knowledge of designing techniques for telecommunication outside plant (3)to acquire knowledge of maintenance techniques and management for telecommunication outside plant (4)to acquire knowledge of new techniques about access network and (5)to acquire fundamental techniques on broad-band access network (Ex. IP access, LAN)	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	1) Overview of NTT 2) Civil Engineering 3) xDSL, WLL and optical IP access service 4) Telecommunication network designing (metallic and optical fiber cable) 5) Maintenance techniques for telecommunication outside plant (outline of maintenance, maintenance system, methods of trouble repair, tools for trouble repair) 6)multimedia (LAN construction) 7)Visit to related companies	DURATION	
		Jan. 17, 2005 ~ Mar. 11, 2005	
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		NTT NEOMEIT KYUSHU CORPORATION	
		JICA CENTER	
		Kyusyu International Center	
		REMARKS	

Theory and Practice on Public Enlightenment Using Multimedia マルチメディア利用による普及啓蒙活動の理論と実践		12 participants J0400856	
OVERALL GOAL / PURPOSE	The goal of this course is to introduce basic theory and practice of audiovisual technology emphasizing on IEC (Information Education and Communications) to the participants who are engaged in production and utilization of the educational media. Through the training program, participants are expected to be able to (1) apply communication principles in the production of multimedia,(2) plan, design, produce and evaluate multimedia program for public enlightenment and diffusion.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	Basic Theories -Introduction to Communication and Educational Technology -How to Develop Instructional Media -Case Study of Educational Media Development -Basic Concept of the Internet Basic Production Skills -Network Media -Digital Photography -Layout Design -Digital Video and Audio for Multimedia and the Internet -Multimedia Authoring Multimedia Production Field Trip	DURATION	
		May. 11, 2004 ~ Aug. 21, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2004 ~ 2008
		TRAINING INSTITUTIONS	
		JAPAN INTERNATIONAL COOPERATION CENTER	
		JICA CENTER	
		Okinawa International Center	
		REMARKS	

SEMINAR ON POSTAL SERVICE MANAGEMENT 郵便事業経営セミナー		12 participants JO400702	
OVERALL GOAL / PURPOSE	The seminar provides the participants with the knowledge of current postal services in Japan, and opportunities to discuss the problem common among the participating countries. Participants are expected to: (1) understand present situations and problems of postal services in their countries, (2) be familiar with the planning of postal infrastructures, and the quality improvement of postal services in a rapidly changing socio-economic conditions, and (3) discuss measures to meet evolving needs of customers.	QUALIFICATION OF APPLICANT	
		(1) be director generals or, at least, officials who are higher than directors for general affairs in the central governmental organizations, or be director generals or deputy director generals in regional postal bureaus, (2) have a sufficient command of spoken and written English.	
COURSE CONTENTS	<Overall Theme> To maintain universal service and to implement postal service reforms <Individual Themes> (1) Promotion of mechanization and information technology (2) Establishment of high-quality postal network (3) Management of Postal Service • Lectures: Concerning the three individual themes • Observations: A regional office of Japan Post and several observations at post offices to study modern equipment and facilities • Discussions • Presentation of Country Report • Evaluation	DURATION	Feb. 6, 2005 ~ Feb. 20, 2005
		LANGUAGE	COOPERATION PERIOD
		ENGLISH	2000 ~ 2004
		TRAINING INSTITUTIONS	
		JAPAN POST	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

REMOTE SENSING TECHNOLOGY III リモートセンシング技術III		10 participants JO400776	
OVERALL GOAL / PURPOSE	The purpose of the course is to transfer fundamental knowledge and technology on satellite remote sensing, mainly focused on digital image analysis, to the researchers and engineers from developing countries, through lectures, practices, field trips, and so on.	QUALIFICATION OF APPLICANT	
		(1) university graduates, or equivalent with fundamental knowledge of physics and mathematics (2) researcher or engineer in the field of remote sensing application, such as land planning, agriculture, forest management, fishery, disaster, environment and mapping, etc (3) under 40 years of age (4) have a good command of basic software	
COURSE CONTENTS	In this course, the emphasis is put on Hands-on Training using computers. The following are the major subjects to be covered in the course. (1) Basic (2) Satellites & Sensors (3) Application (4) Ground Truth (5) Hands-on Training (HOT) Digital Image Analysis, Evaluation, Q&A for Presentation of HOT, SAR Data Handling, SAR Optical Data Fusion, Open GIS, Satellite Data Search by Internet, Subject focused on Local Area (6) Observation (7) Country Report	DURATION	May. 4, 2004 ~ Jul. 11, 2004
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		REMOTE SENSING TECHNOLOGY CENTER OF JAPAN	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

RURAL TELECOMMUNICATION PLANNING ルーラル通信計画		10 participants JO400703	
OVERALL GOAL / PURPOSE	The purpose of the course is to introduce technological information on rural telecommunication systems to the participants so that they can acquire basic knowledge and skill concerning fundamental elements in making plans of actual network in rural areas of their countries.	QUALIFICATION OF APPLICANT	
		(1) university graduate specialized in telecommunications or equivalent (2) in charge of network planning or so scheduled (3) under 45 years of age	
COURSE CONTENTS	The first part of the curriculum includes lectures on rural telecommunication network designing method, and on various rural telecommunication systems. The second part is a drill practice, which is intended to simulate the rural telecommunication network designing augmented by the application of economic analysis.	DURATION	Feb. 1, 2005 ~ Mar. 13, 2005
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		THE ITU ASSOCIATION OF JAPAN, INC.	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

ADVANCED TELEVISION PROGRAMME PRODUCTION 上級テレビジョン番組制作		10 participants J0400716	
OVERALL GOAL / PURPOSE	The aim of this course is the promotion of leadership of senior producers or directors in managing post. In order to achieve this goal, there will be introductions on the situation of the Japanese Media, which consists of both digital and analog broadcasting, as well as the comparison of the NHK's traditional and digital-era programme production method. This will enable the participants to have an opportunity to find the best method and technology matching their countries situation.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS Lectures: (1) current trend of the digitalization in Japan and world, (2) proposal system to meet the need of audience, (3) planning techniques for documentary programme, (4) quality control and cost management of the programme, (5) personnel promotion measures and personnel training system. Practical Training: Programme production of appx. 15 minutes documentary programme through planning, preparing proposal, structuring, shooting on location, interviewing, editing, and videotaping Observation: The latest broadcasting equipment and devices in NHK and Manufacturing Companies. NHK Local Stations. Elementary Schools using audiovisual Education, etc.		DURATION Jan. 11, 2005 ~ Mar. 20, 2005	
		LANGUAGE English	COOPERATION PERIOD 2001 ~ 2005
		TRAINING INSTITUTIONS NHK COMMUNICATIONS TRAINING INSTITUTE	
		JICA CENTER Tokyo International Center	
		REMARKS Participants are required to bring at least one programme which he/she produced/directed.	

TELEVISION PROGRAMME PRODUCTION (BASIC) テレビジョン番組制作の基礎		10 participants J0400715	
OVERALL GOAL / PURPOSE	This course is designed to enable TV directors to continuously produce programmes that effectively tell the truth on their own, based on NHK's programme production method*, to foster professionalism in the presentation of fields and programme themes, and to guide junior personnel in methods for producing programmes that effectively tell the truth (for the purposes of extending education, improving living standards, and sharing information). (* See G.I.)	QUALIFICATION OF APPLICANT	
COURSE CONTENTS Based on NHK's programme production method* TV directors will be able to: 1. explain fair and accurate information processing methods, 2. explain the technical points related to planning, structuring, shooting, editing, preparation of comments and script, and programme recording, and 3. confirm the issues they should tackle toward developing this field in their home countries. * Participants are required to make an Action Plan* and to submit it to JICA by the end of the course. (* See G.I.)		DURATION Jun. 29, 2004 ~ Sep. 12, 2004	
		LANGUAGE English	COOPERATION PERIOD 2001 ~ 2005
		TRAINING INSTITUTIONS NHK COMMUNICATIONS TRAINING INSTITUTE	
		JICA CENTER Tokyo International Center	
		REMARKS Participants are required to bring at least one programme which he/she produced/directed.	

TELEVISION ENGINEERING III テレビジョン放送技術III		10 participants J0400775	
OVERALL GOAL / PURPOSE	This training course is designed for engineers in the broadcasting field to ensure high-quality and stable* TV broadcasting services in their countries through the following. After completing the course, 1. they will be able to provide other engineers and technical personnel associated with TV broadcasts in their countries with instructions and guidance. ** 2. they will be able to assess and direct the design of facilities that incorporate the latest technologies, including digital broadcasting and high-definition broadcasting *** (*, **, and *** See G.I.)	QUALIFICATION OF APPLICANT	
COURSE CONTENTS Upon completion of this course, participants will be able to: (1) explain the protocols, component technologies, key terms and components used for IP network construction and discuss the applicability to their home countries, (2) explain the functions, workings and operation of the components used in the construction of IP network, and construct a simple network, (3) explain the features and applicability of main IP-based telecommunication services (E-VPN, IP-VPN, IP telephony and so on), (4) explain the features and functions of mobile IP, and (5) explain the current situation of Japan's telecommunication services, and the future prospects for the next-generation IP network technologies/services. *Each participant is required to make an Action Plan, and to submit it to JICA by the end of the course.		DURATION Jun. 22, 2004 ~ Sep. 12, 2004	
		LANGUAGE English	COOPERATION PERIOD 2003 ~ 2007
		TRAINING INSTITUTIONS NHK COMMUNICATIONS TRAINING INSTITUTE	
		JICA CENTER Tokyo International Center	
		REMARKS	

Energy/Mining

〈エネルギー・鉱業〉

PLANT ENGINEERING AND TECHNICAL STANDARD FOR ENERGY RELATED FACILITIES

エネルギー関連設備の管理と技術基準

10 participants J0403457

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
The participants are expected to have the latest knowledge of: (1) Outline of regulations for energy related facilities in Japan (2) Design and fabrication standard for pressure vessels, tanks, piping, etc. (3) Strength and material design (4) Fabrication control (5) Maintenance management etc. Facilities and components covered by this course are Pressure Vessels, Storage Tanks, Piping, Reactors and Heat Exchangers, etc.	Government or municipal administrators in charge of plant Engineering, technical standard and fabrication for energy related facilities (Pressure Vessels, Storage Tanks, Piping, Reactors and Heat Exchangers), with three (3) years or more of experience in this field	
COURSE CONTENTS	DURATION	
(1) Outline of Japanese Law (2) Design and Fabrication standard for pressure vessels, etc. (3) Strength design (4) Material design (5) Fabrication control (6) Maintenance (7) Accident examples (8) Factory tour (9) Job Report Presentation (10) Action Plan Presentation	Sep. 27, 2004 ~ Nov. 22, 2004	
	LANGUAGE	COOPERATION PERIOD
	English	2000 ~ 2004
	TRAINING INSTITUTIONS	
	AICHI INDUSTRIAL RESEARCH ASSOCIATION	
	JICA CENTER	
	Chubu International Center	
	REMARKS	

THERMAL POWER ENGINEERING FOR GAS TURBINE & COAL FIRED STEAM TURBINE

ガスタービン・蒸気タービン(石炭)火力発電

10 participants J0400578

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
This training program is intended for electrical and mechanical engineers who are engaged in the power supply sector of the governmental and private enterprises. The participants are expected: (1) to understand systems of electric industry in Japan, (2) to understand effective techniques of operation and control, and advanced technologies for environmental preservation in thermal power plants, (3) to understand effective maintenance and trouble shooting techniques, and (4) to draw up a future action plan to improve the domestic situations based on the results of the training.	(1) Engineers in charge of management, control and maintenance (especially in the field of Machine) at gas turbine and/or coal fired power generation who has over 3 years experience in the said field, (2) Graduates of university / college technical courses or those with equivalent scholastic ability, (3) Who are under 40 years of age	
COURSE CONTENTS	DURATION	
The program consists mainly of two parts; (1) Training program for all the participants which is aimed to acquire overall knowledge in system of Japan's electric industries etc. (2) the group training program divided into gas turbine power generation and coal fired power generation. Units will be as follows: Plant Management, Plant Operations, Plant Maintenance, New technologies, Production Technologies, Environmental Preservation. Upon submitting the application, the participants are to choose whether he or she would like to take the course for gas turbine or coal fired generation.	Sep. 7, 2004 ~ Nov. 14, 2004	
	LANGUAGE	COOPERATION PERIOD
	English	2002 ~ 2006
	TRAINING INSTITUTIONS	
	JAPAN ELECTRIC POWER INFORMATION CENTER, INC	
	JICA CENTER	
	Chugoku International Center	
	REMARKS	
	Upon submitting the application, the participants are to choose whether he or she would like to take the course for gas turbine or coal fired generation.	

HYDRO-ELECTRIC POWER ENGINEERING (FOR SUSTAINABLE DEVELOPMENT)

環境調和型水力発電

8 participants J0400647

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
Through this Course, participants are expected to take initiative in the sustainable development of hydro-electric power plants in their countries by acquiring the following knowledge: (1) methods for planning, designing, constructing, operating, and maintaining hydro-electric power plants from the viewpoint of civil engineering with special emphasis on the environmental aspects, and (2) outline of the Japanese electric power industry.	(1) civil engineers who are presently employed by governmental or private hydro-electric power utilities (2) technical college graduates or equivalents and have more than five and less than ten years of practical experience in the field of hydro-electric power engineering	
COURSE CONTENTS	DURATION	
(1) Basis and background of the Japanese electric power industry. (2) Electric/mechanical facility of hydro-electric power plant. (3) Operation and maintenance issues. (4) Environment aspect of hydro-power development. (5) Study tours to electric power plants. (6) View exchange and discussion. * This Course is formulated to cover both aspects of electrical/mechanical engineering and civil engineering alternatively. This year (Japanese fiscal 2004), civil engineering matters will be focused.	Jun. 8, 2004 ~ Jul. 24, 2004	
	LANGUAGE	COOPERATION PERIOD
	English	2000 ~ 2004
	TRAINING INSTITUTIONS	
	JAPAN ELECTRIC POWER INFORMATION CENTER, INC	
	JICA CENTER	
	Tokyo International Center	
	REMARKS	

NUCLEAR POWER GENERATION BASIC COURSE

原子力発電基礎

6 participants J0400730

OVERALL GOAL / PURPOSE

The purpose of the course is to provide the participants with general introductory information on the administrative and technical aspects of Japan's nuclear power industry, which includes experience gained through planning, design, construction, operation, and maintenance of nuclear power plants and the safety measures. Through this course, participants are expected to acquire basic safety measures for the future development of nuclear power plant.

QUALIFICATION OF APPLICANT

(1) nuclear, electrical and/or mechanical engineers presently employed at governmental institutions or private companies in the field of electric power generation and have more than three years of occupational experience in this field
(2) not more than 40 years of age

DURATION

Jan. 4, 2005 ~ Mar. 2, 2005

COURSE CONTENTS

Major subjects in this course are as follows:

(1) lectures (a) outline of nuclear power generation in Japan including safety regulation and administration for commercial nuclear power plants (b) major system of boiling water reactor and pressurized water reactor (c) technologies regarding safety measures
(2) exercise (a) operation and plant activities related to plant start-up, shutdown and accidents, etc. by using a compact simulator.

*For the public standpoint, in cases the nominee comes from a non-governmental institution, it must be confirmed that the duties of the nominator is the same as those of nominees from the governmental institutions.

LANGUAGE

English

COOPERATION PERIOD

2002 ~ 2006

TRAINING INSTITUTIONS

THE JAPAN ATOMIC POWER COMPANY

JICA CENTER

Tokyo International Center

REMARKS

ELECTRIC POWER MANAGEMENT BY BENCHMARKING

指標管理型電気事業経営

7 participants J0400728

OVERALL GOAL / PURPOSE

The participants are expected to acquire management knowledge on:

1. Customer Service and Marketing
2. Planning of Electric Power Supply
3. Planning of Electric Power Resources Development
4. Power Systems Operation
5. Personnel Management and Employee Training

QUALIFICATION OF APPLICANT

(1) be senior manager-class engineers in electric power utilities with more than 10 year working experience, or be national governmental officials at the level of director, (2) be university graduates or equivalent, (3) be between 35 and 50 years of age

DURATION

Sep. 6, 2004 ~ Oct. 15, 2004

COURSE CONTENTS

- Development Plant
- Power Generation
- Environment
- Power System
- Transmission & Distribution
- Sales & Labor
- Human Education

*For the public standpoint, in cases the nominee comes from a non-governmental institution, it must be confirmed that the duties of the nominator is the same as those of nominees from the governmental institutions.

LANGUAGE

English

COOPERATION PERIOD

2002 ~ 2006

TRAINING INSTITUTIONS

JAPAN ELECTRIC POWER INFORMATION CENTER, INC

JICA CENTER

Chubu International Center

REMARKS

Small-Scale Hydro Power and Clean Energy Power Engineering

小水力及びクリーンエネルギー発電技術

8 participants J0400860

OVERALL GOAL / PURPOSE

This course aims to provide knowledge of planning, operation and management methods for small hydropower, solar power and wind power facilities. And to understand framework of Clean Development Mechanism regarding Kyoto-protocol.

QUALIFICATION OF APPLICANT

1. be civil, electrical or mechanical engineers
2. be engaged in planning of small-scale hydropower plants or operation and maintenance of plants,
3. be technical college graduates or the equivalent and have more than 5 (five) years of practical experience in the field of hydroelectric power engineering

DURATION

Sep. 6, 2004 ~ Oct. 10, 2004

COURSE CONTENTS

1. Historical Background of the Electricity business and hydroelectric power generation in Japan
2. Research, planning and design of small hydropower plants
3. Operation and maintenance of small hydropower plants
4. Introduction to planning for renewable energy (Solar-power, Wind-power)
5. Framework of Clean Development Mechanism
6. Observation

LANGUAGE

English

COOPERATION PERIOD

2004 ~ 2008

TRAINING INSTITUTIONS

CHUBU ELECTRIC POWER CO., INC.

JICA CENTER

Chubu International Center

REMARKS

ECONOMICAL PLANNING AND OPERATION FOR ELECTRIC POWER TRANSMISSION 電力輸送効率化		6 participants J0400827	
OVERALL GOAL / PURPOSE	The group training course in Economical Planning and Operation for Electric Power Transmission provides the information and knowledge on efficient and reliable power transmission and supply through introduction of Japan's current technology. It will help to improve the power system in developing countries.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	Participants are expected to enhance their knowledge and technical skills relating to the followings: (1) Standardization of power system planning, and promotion of efficiency on construction, maintenance and operation of transmission and transformation facilities (2) Power system stabilization, system operation and protection to prevent accidents from spreading (3) Outline of Japan's Electric Power Industry NB: Power distribution system is not included in this course.	1) be electrical engineers who are currently engaged in the field of transmission, transformation and/or power systems at the governmental power utilities or those equivalent to government, 2) have between 5 and 20 years of practical experience, 3) a university degree or equivalent 4) 27 to 40 years of age	
		DURATION	
		Aug. 26, 2004 ~ Oct. 7, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		JAPAN ELECTRIC POWER INFORMATION CENTER, INC	
		JICA CENTER	
		Tohoku Branch Office	
		REMARKS	
		*For the public standpoint, in cases the nominee comes from a non-governmental institution, it must be confirmed that the duties of the nominator is the same as those of nominees from the governmental institutions.	

THE IMPROVEMENT FOR ELECTRIC POWER DISTRIBUTION GRID 配電網整備		7 participants J0400797	
OVERALL GOAL / PURPOSE	The purpose of the course is to impart information on administrative and technical aspects of Japan's electric power distribution system so that participants will be able to utilize the knowledge obtained from the course for the future development of this field in their countries. Note: This course deals with distribution systems from secondary sides of distribution substations to service wires and does not cover transmission lines or interior wiring.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	This course consists of lectures and visits. In this course some subjects are emphasized to island and provincial region techniques. The main subjects are: (1) Outline of electric power industry in Japan, (2) Outline of Power Electric System, (3) Outline of Power Distribution Facilities, (4) Planning of Power Distribution Facilities, (5) Designing of Power Distribution Facilities, (6) Maintenance of Power Distribution Facilities, (7) Operation and Accident Correspondence of Power Distribution Facilities, (8) Island Region Electrification, (9) Provincial Region Electrification, (10) Observation to Factory of Power Distribution Facilities * For the public standpoint, in cases the nominee comes from a non-governmental institution, it must be confirmed that the duties of the nominator is the same as those of nominees from the governmental institutions.	(1) electrical power engineer presently employed at governmental or private electric power utilities in the field of electric power distribution (2) between 30 and 40 years of age (3) technical university graduate or equivalent, and have more than 5 years of practical experience	
		DURATION	
		Aug. 24, 2004 ~ Oct. 3, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		JAPAN ELECTRIC POWER INFORMATION CENTER, INC	
		JICA CENTER	
		Okinawa International Center	
		REMARKS	

ENERGY EFFICIENCY AND CONSERVATION 省エネルギー		13 participants J0400315	
OVERALL GOAL / PURPOSE	The purpose of the course is to provide participants with information concerning Japanese policies as well as administrative and technical aspects of practical energy conservation methods, so that they will be able to use this knowledge in future energy conservation efforts in their own respective countries.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	In this course, the following major subjects will be covered through lectures, discussions, group case studies, practice and observation trips: (1) Japanese energy conservation policy and the present status of its implementation, (2) development of energy conservation method in Japan, (3) energy conservation technology and management system, (4) promotion and implementation of energy conservation in major Japanese industries and buildings, (5) energy consumption measurement and data analysis including efficiency calculation, and (7) energy audit as case study of energy conservation promotion in a model factory.	(1) university/college graduates or equivalents presently employed in government, governmental institutions, or industrial associations (2) currently engaged in work in the energy field for more than 3 years (3) be under 45 years of age	
		DURATION	
		May. 11, 2004 ~ Jul. 7, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	1986 ~ 2005
		TRAINING INSTITUTIONS	
		THE ENERGY CONSERVATION CENTER JAPAN	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

Training on Sustainable Development of Mining 鉱山開発と持続可能な成長に関する研修		20 participants J0400882	
OVERALL GOAL / PURPOSE	The group training course in Sustainable Development of Mining is designed for engineers and technicians in order to upgrade their knowledge and skills in sustainable development of mining, thus to contribute to prevention of mining-related pollution problems and sustainable mineral development in developing countries.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	1. Lectures related to ●Issues for Sustainable Development of Mine ●Mine exploration and Environmental issues ●Exploration and Environmental Prevention Technology ●Mineral Processing, Metallurgy and Recycling of Metals 2. Field trips ●Mine Drainage Neutralization Plant ●Smelter and Refinery ●Mines ●Recycling Plant ●Hiroshima and Kyoto City Tour ●Others 3. Country Report presentation	DURATION	
		Jul. 27, 2004 ~ Nov. 18, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2004 ~ 2008
		TRAINING INSTITUTIONS	
		INTERNATIONAL INSTITUTE FOR MINING TECHNOLOGY	
		JICA CENTER	
		Tohoku Branch Office	
		REMARKS	

SAFETY AND ENVIRONMENT MANAGEMENT FOR OFFSHORE PETROLEUM GAS DEVELOPMENT 石油・ガス開発における海洋環境汚染防止		6 participants J0403495	
OVERALL GOAL / PURPOSE	The purpose of this course is to enhance the technical standpoints of the technical managers who are engaged in the administration so that they will be able to play a leading role in their respective countries. Through lectures, study tours and discussions, participants will deepen their understanding of various presumable hazards in the process of offshore petroleum development and their influences exerted on the marine environment, and learn the management method in the case of emergency, etc.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	The following subjects will be covered in the course: (1) Security of Mines and Environmental Conservation Policy in Japan (2) Safety Management System for Ocean Drilling (3) Environmental Assessment in the Process of Ocean Development and Oil Spill Contingency Plans (4) Environmental Conservation Management at the Marine Platform (5) Environmental Conservation Management at the Oil Stockpiling Base (6) Country Report Presentation (7) Study Tours (8) Observations	DURATION	
		Oct. 5, 2004 ~ Oct. 31, 2004	
		LANGUAGE	COOPERATION PERIOD
		ENGLISH	2000 ~ 2004
		TRAINING INSTITUTIONS	
		Agency for Nuclear and Industrial Safety, METI	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

Economic Policy

〈經濟政策〉

Training Course on Competition Law and Policy 競争法・政策研修		10 participants JO400896	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
Through the training course, the participants are expected to gain general understanding of Japan's competition legislation and its enforcement and to contribute to the development of competition law and policy in their countries after the course.	should be administrators in authorities responsible for antimonopoly legislation or for drafting competition laws,		
COURSE CONTENTS Country report presentation, Introduction to the Antimonopoly Act (history and background) <ul style="list-style-type: none"> • Competition and industrial policy • Private monopolization/mergers and acquisitions • Unfair trade practices, Cartels and bid-rigging • Economic rationale of competition policy • Private enterprise and its activity for compliance Case study and analysis, Discussion with legal department staff of private enterprises, Final report presentation by the participants and discussion	DURATION Aug. 23, 2004 ~ Sep. 26, 2004		
	LANGUAGE	COOPERATION PERIOD	
	English	2004 ~ 2008	
	TRAINING INSTITUTIONS		
	FAIR TRADE COMMISSION		
JICA CENTER			
Osaka International Center			
REMARKS			

SEMINAR ON SMALL & MEDIUM ENTERPRISES DEVELOPMENT POLICIES 中小企業政策セミナー		10 participants JO400704	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
To provide a practical understanding of how SME policy is implemented in Japan under current economic conditions, with particular reference to the manufacturing sector, as well as to enhance policy making capacities in the area of SME promotion. Participants are expected to deepen their knowledge of the history and present state of Japan's SME policy, to investigate how Japan's experience can be adapted to their own country's circumstances, and to consider how their country's strategic capacity in the planning of SME policy can be improved.	(1) university/college graduate, or equivalent (2) senior administrative officials engaged in the formulation of small business policy, with experience of at least 5 years (3) under 45 years of age (4) have a sufficient command of English, equal to TOEFL score of more than 550 points or an equivalent		
COURSE CONTENTS This course consists of common subjects for all participants. The main themes are: (1) History and present state of Japan's SME policy, (2) History and the present situation of public policy and programs towards small business-finance, management, technology & networking (industry-academia-government/business collaborations), human resources development etc. (3) Field study (4) Action plans for SME development policies. (Study adaptability of Japan's SME policies to their own country's circumstances.	DURATION May. 17, 2004 ~ Jun. 26, 2004		
	LANGUAGE	COOPERATION PERIOD	
	English	2000 ~ 2004	
	TRAINING INSTITUTIONS		
	PACIFIC RESOURCE EXCHANGE CENTER		
JICA CENTER			
Osaka International Center			
REMARKS			
PREX Hopme Page http://www.prex-hrd.or.jp/			

ASEAN Seminar on Financial Regime 金融行政		10 participants JO400853	
Target Region: ASEAN			
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
The purpose of this course is to avoid the financial crisis caused by vulnerability of financial system or discuss on the possibility of cooperation system establishment regarding the development of capital market.	mainly be a staff member in the central bank.		
COURSE CONTENTS 1. Monetary Policy and Financial System 1) Framework of Monetary Policy and Financial System in Japan 2) Capital Market Development in Asia 3) Possibility and Issues on the cooperation between Central Banks (discussion) 4) Research System and Possibility of Cooperation 5) Current issues on internal management at the Bank of Japan 2. Financial Administration and Supervisory Function 1) The role and Functions of Financial Services Agency-Importance of Financial Supervision 2) Cooperation with Overseas Financial Authorities on Financial Administration 3. Current issues on the Central Bank and Financial Administration of Participants' countries (Position Paper Presentation and Discussions)	DURATION Jan. 23, 2005 ~ Feb. 1, 2005		
	LANGUAGE	COOPERATION PERIOD	
	English	2004 ~ 2008	
	TRAINING INSTITUTIONS		
	Japan Bank, Financial Services Agency		
JICA CENTER			
Tokyo International Center			
REMARKS			
Now Under Planning, changes may be made.			

STOCK EXCHANGE SEMINAR FOR ASIAN COUNTRIES 証券取引所セミナー（アジア地域）	
Target Region : Asia region	7 participants J0403471
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
To provide opportunity to acquire basic knowledge regarding Japanese securities market and stock exchanges, in order to help the participants contribute to the development of capital markets of their countries.	Applicants should: (1) be staff members of a stock exchange; if a stock exchange does not exist in the country, staff of the competent regulatory authorities of securities markets, (2) between 25 and 50 years of age, (3) have a sufficient command of English.
	DURATION
	May. 9, 2004 ~ Jun. 3, 2004
COURSE CONTENTS	LANGUAGE COOPERATION PERIOD
This seminar aims to provide participants with basic information on the Japanese securities market and stock exchanges. The program of the seminar is as follows: (1) overview of the Japanese securities market (Japanese economy and roles of the securities market, company law, securities and exchange law and administration of the securities market, etc.), (2) overview of stock exchange (membership system, listing system, trading system, market surveillance and compliance system, clearing and settlement system, corporate governance, etc.)	English 2000 ~ 2004
	TRAINING INSTITUTIONS
	TOKYO STOCK EXCHANGE
	JICA CENTER
	Tokyo International Center
	REMARKS

Private Sector Development

〈民間セクター開発〉

Enterprise Networking Regional Development II 企業ネットワークによる中小企業振興II		10 participants J0400895	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
To understand the role of enterprise networking as well as local and regional economic development within the context of national development and to make a final paper on the ideas of local and regional economic development policies of the participants' own countries.	(1) be Government Official or Public Officer who is engaged in the planning / implementation of national / regional development project and policy (2) be between thirty and forty years of age (3) has an undergraduate degree regarding development policies		
	DURATION Oct. 19, 2004 ~ Dec. 7, 2004		
COURSE CONTENTS (1) Japan's Economic Development and Policies (2) Local and Regional Economic Development (3) Enterprise Networking and Project Planning (4) Field Trip and Study Visits (5) Final Paper Writing and Presentation	LANGUAGE		COOPERATION PERIOD
	English		2004 ~ 2008
	TRAINING INSTITUTIONS		
	TOKYO RESEARCH INTERNATIONAL CO.LTD		
	JICA CENTER Tokyo International Center		
REMARKS			

SEMINAR ON PROJECT APPRAISAL FOR INDUSTRY AND SME'S DEVELOPMENT 工業プロジェクト評価と中小企業育成セミナー		10 participants J0403528	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
Through the training program, participants are expected: 1. to foster capability of identifying the policies for SME promotion which are relevant to the countries of respective participants through the experience of Japanese economic development, and 2. to learn the method of financial, economic, and social economic analysis for industrial development planning including SME.	(1) over 4 years' experience in the fields covered by the seminar (2) university graduates or equivalent (3) more than 550 points of TOEFL scores or equivalent attach the score sheet to nomination form (4) be between 30 and 45 years of age (5) have no experience in studying in Japan more than 6 months;		
	DURATION Jun. 1, 2004 ~ Jul. 15, 2004		
COURSE CONTENTS This seminar is forwarded, through the program, with review of latest issues and lectures on linkage between the theory and practical application on (i) project appraisal, and (ii) economic development planning. For active participation by the participants, all the sessions are lecture-cum-discussion, which means each participant is expected to present his/her own knowledge and experience during the sessions.	LANGUAGE		COOPERATION PERIOD
	English		2001 ~ 2005
	TRAINING INSTITUTIONS		
	INT'L DEVELOPMENT CENTER OF JAPAN		
	JICA CENTER Hachioji International Center		
REMARKS			

Synthetic Business Management 総合的経営管理		10 participants J0400842	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
This course is designed to study the practical concepts and techniques of synthetic business management that have been accumulating and accelerating in Japan. Through the training program, participants are expected: (1) to master the technique about synthetic business management technique and practical technology through lecture, visit, debate and training etc, (2) to utilize the mastered synthetic business management technique and learn how to apply them, (3) to be a leader who can practice and guide the contents of training in the industrial area after homecoming.	(1) be personnel in governmental/public organizations, (2) have sufficient level of leadership to consult enterprises on synthetic business management, (3) have sufficient practical knowledge on: a. overall business management, b. improvement of plant-level productivity, c. production management techniques and their application methods, d. development of SMEs		
	DURATION May. 11, 2004 ~ Jul. 18, 2004		
COURSE CONTENTS The course contents are as follows: (1) Special Characteristics of Japanese Management and Corporate Support Systems Related to Enterprise Activities (2) Synthetic Business Management and Improving Management Quality (3) Cultivating Human Resources, Marketing, Business Strategies, Cost Control, Added Value Analysis, Financial Analysis (4) Overview and Practice of Productivity Improvement Activities (5) IE Methods (6) Practice in Enterprise Worksite Improvements (7) Just in Time, TQM, TPM (8) Industry Specialists' Exchange (9) Implementing Proposals (10) Creating Action Plans	LANGUAGE		COOPERATION PERIOD
	English		2004 ~ 2008
	TRAINING INSTITUTIONS		
	JAPN PRODUCTIVITY CENTER FOR SOCIO-ECON. DEVELOP.		
	JICA CENTER Hachioji International Center		
REMARKS			

Technical Support for SME Promotion I(Biotechnology/Polymer Technology) 中小企業振興のための技術支援I (バイオ・高分子産業分野)		10 participants JO400904	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
This course is designed to improve technical support systems in developing countries, and thus contribute to economic development in the respective countries.	have three (3) years or more of experience have a master's degree or the equivalent be between twenty-five (25) and forty (40) years of age		
	DURATION		
COURSE CONTENTS 1. Technical Support System for SMEs 2. Biotechnology or Polymer Technology	May. 6, 2004 ~ Jul. 31, 2004		
	LANGUAGE	COOPERATION PERIOD	
	English	2004 ~ 2008	
	TRAINING INSTITUTIONS		
	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.		
	JICA CENTER		
	Osaka International Center		
	REMARKS		

Technical Support for SME Promotion II(Organic Chemistry/Inorganic Chemistry & Metal Materials) 中小企業振興のための技術支援II (有機化学工業・無機化学工業)		10 participants JO400905	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
This course is designed to improve technical support systems in developing countries, and thus contribute to economic development in the respective countries.	have three (3) years or more of experience have a master's degree or the equivalent be between twenty-five (25) and forty (40) years of age		
	DURATION		
COURSE CONTENTS 1. Technical Support System for SMEs 2. Organic Chemistry or Inorganic Chemistry & Metal Materials	Aug. 29, 2004 ~ Dec. 4, 2004		
	LANGUAGE	COOPERATION PERIOD	
	English	2004 ~ 2008	
	TRAINING INSTITUTIONS		
	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.		
	JICA CENTER		
	Osaka International Center		
	REMARKS		

CONSULTANCY SERVICE FOR SMALL & MEDIUM ENTERPRISES 中小企業診断II		9 participants JO403456	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT		
The purpose of this course is to provide personnel who extend their services to small & medium-scale industries for promoting business efficiency, productivity and profitability with necessary knowledge and techniques to develop and promote small & medium-scale industries in developing countries.	1. be such personnel assigned to business diagnostic services, management consultancy, and extension services at the organization dealing with development and promotion of small & medium scale industries. 2. be between thirty (30) and forty-five (45) years of age.		
	DURATION		
COURSE CONTENTS (1) Japan's Industrial Structure and Small & Medium-Scale Industries: • Japan's Business Management of Small & Medium-Scale Industries (2) Japan's Governmental Policy for Small & Medium-Scale Industries: • Japan's Policy on Small & Medium-Scale Industries • Prefectural Government Systems to Finance Small & Medium-Scale Industries (3) Basic Knowledge & Techniques of Business Management • Principle of Management • Production Management • Personnel Management • Marketing Management • Information Management • Financial Management (4) Techniques of Business Diagnosis • Development and system of Business Management Consultation: • Procedure of Business Management Diagnosis • Practice of Business Management Diagnosis • General Research • Follow up Research and Discussion on Improvement Method • Presentation of Business Management Diagnosis	May. 4, 2004 ~ Aug. 2, 2004		
	LANGUAGE	COOPERATION PERIOD	
	English	2000 ~ 2004	
	TRAINING INSTITUTIONS		
	Japan Small and Medium Enterprise Management Consu		
	JICA CENTER		
	Chubu International Center		
	REMARKS		

INTELLECTUAL PROPERTY FOR APEC ECONOMIES	
APEC知的財産権	
Target Region : APEC member countries	20 participants J0400736
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Since countries in APEC region have been getting advanced in development of Industrial Property System, demands for higher level technical supports for policy or legislation reform planning and reinforcement of examination system on Industrial Property have also been increased. Taking these circumstances into account, this course is designed to provide the participants who are engaged in policy planning in this field in APEC region countries with knowledge and skills for effective operation of Intellectual Property.	(1) be government officials with more than 3 years of experience in administration or examination in the field of IPR system; administrative officials whose duties include intellectual property administration; or examiner in an IPR office, who are responsible for the examination of patents, utility models.
COURSE CONTENTS	DURATION
This course consists of common course and individual training which is divided into four groups (administration, patent, trademark and design) according to the field of participants. Major subjects in this course are as follows: (1) General subjects for all participants: Outline of Japan Patent Office, Recent developments in international protection of industrial property rights, Paperless system in JPO, Outline of copyright law, Legal protection of computer software (2) Administration: Outline of intellectual property law, PCT and regulations (3) Patent: Outline of application procedures and substantive examination (4) Design: Outline of design law and the design protection system (5) Trademark: Outline of trademark law, on-the-job training	Aug. 26, 2004 ~ Oct. 6, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2002 ~ 2006
	TRAINING INSTITUTIONS
	JAPAN INSTITUTE OF INVENTION & INNOVATION
	JICA CENTER
	Tokyo International Center
	REMARKS

ASIA PACIFIC LEGAL METROLOGY SYSTEM	
アジア太平洋法定計量システム	
Target Region : ASEAN countries	6 participants J0400767
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is organized for government officers working as senior verification officers responsible for verification and inspection of measuring equipment in the field of legal metrology. It will serve as a good opportunity to upgrade the level of legal metrology technology and to understand the state-of-the-art legal metrology system and the operational method available in Japan.	(1) Currently engaged in the practical work of verification/inspection or its supervision in the field of legal metrology at governmental or semi-governmental institute with at least three years' occupational experience, (2) University graduate, (3) Between 30 and 45 years of age.
COURSE CONTENTS	DURATION
This course consists of common subjects for all participants as follows. (1) Japanese Measurement Law in general, (2) International Metrological Organizations, Systems and Regulations, (3) Technical training programs: i) Measurement Standards, ii) Pattern Approval, iii) Verification and Periodical Inspection of Specified Measuring Instruments for use of Trade or Certification Business stipulated by laws, iv) Inspection of Verification Standards, (4) Inspection of Verification Standards not stipulated by Legal Metrology, (5) Technical Tours, (6) other programs.	Jun. 1, 2004 ~ Sep. 6, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2003 ~ 2007
	TRAINING INSTITUTIONS
	National Institute of Advanced Industrial Science and Technology
	JICA CENTER
	Tsukuba International Center
	REMARKS

BUSINESS MANAGEMENT COOPERATION IN THE ASIA-PACIFIC	
アジア太平洋民間協力	
Target Region : APEC member countries	15 participants J0400722
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The main purpose for this course is to highlight the role of the Asia-Pacific, Japan, and Japanese companies in the process of globalization. There are many definitions of globalization, but for practical business purposes, we focus on the flow of goods, people, money, and information across national borders. Through this approach to globalization, it is expected the trainees will develop a broader understanding of their role as business managers or bureaucratic policymakers.	Applicants should 1. be those aged not more than forty (40) years old, 2. be actively engaged in highly managerial roles of the privately owned corporations, who envisage themselves in a greater exposure to the Japanese enterprises.
COURSE CONTENTS	DURATION
The basic curriculum for this training program examines how the process of globalization (i.e., flow of goods, people, money, and information across national borders), unfolds at the international, regional, and company levels. At each of these levels, we have selected themes for further exploration (1) International Political Economy (2) Global Governance (3) Asia-Pacific in the Age of Globalization (4) Regional Cooperation (5) Economic Development and Restructuring (6) Global Strategy of Japanese companies (7) New Business Management	Jun. 8, 2004 ~ Jul. 21, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2002 ~ 2006
	TRAINING INSTITUTIONS
	JAPAN INSTITUTE OF INTERNATIONAL AFFAIRS
	JICA CENTER
	Tokyo International Center
	REMARKS
	Rooms allocated are only for the semi and full member nations of APEC.

ASEAN International Standards Development Course アセアン国際標準開発研修	
Target Region : ASEAN (Thailand, Malaysia, Indonesia, Philippines, Vietnam, Cambodia, Laos and Myanmar)	8 participants J0400877
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Based on "ASEAN Standards and Conformance Cooperation Program" that was made in 2003, this course is designed to provide skills for the international standards development in ISO/IEC and the latest trends of international standardization to officials of governmental standardization bodies in ASEAN countries in order to promote more positive participation of those countries in ISO/IEC.	Deputy director of higher, who has engaged in standardization or participated in the international standardization activities
COURSE CONTENTS	DURATION
Lecture: Activities of ISO and IEC in Japan, News from the Executive Committee, About Hot Issues, Description of ISO/IEC directive, Host country's role Case study: International standards development Discussion: Improvement of negotiation skills for international conferences	Nov. 3, 2004 ~ Dec. 10, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2004 ~ 2008
	TRAINING INSTITUTIONS
	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER
	Tokyo International Center
	REMARKS

Training Course on Production Certification (IECCB scheme) for ASEAN Countries アセアン製品認証 (IEC/CBスキーム) 実践コース	
Target Region : ASEAN (Thailand, Malaysia, Indonesia, Philippines, Vietnam, Cambodia, Laos and Myanmar)	16 participants J0400879
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Based on "ASEAN Standards and Conformance Cooperation Program" that was made in 2003, this course aims to establish human networks between certification bodies in ASEAN countries and Japan and enables to reflect the ASEAN's technologies into the international certification scheme.	Deputy director or higher, who has engaged in the accreditation bodies or the certification bodies for a certain periods
COURSE CONTENTS	DURATION
Targeting officials in governmental certification bodies and accreditation bodies in ASEAN countries, this course is designed to provide necessary skills for IEC/CB scheme, etc. together with the trends of international standardization on the conformity assessment procedures aiming to promote the participation in international certification systems. Detailed program is as follows. Lecture & Exercise: Characterization of CB scheme in IEC, Each country's participation condition, Operational standards of CB scheme, IEC standards, Outline of international standards subject to CB scheme, Testing technology exercise, Skill test based on the international standards, Screening techniques, Screening report	Feb. 6, 2005 ~ Mar. 26, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2004 ~ 2008
	TRAINING INSTITUTIONS
	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER
	Tokyo International Center
	REMARKS

RESEARCH ON STANDARDS, MATERIAL REFERENCE AND EVALUATION FOR INDUSTRY 産業標準・評価技術	
	4 participants J0400719
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is designed for researchers in the field of standards, material reference, evaluation and measurements for industry with the aims 1) to upgrade knowledge and techniques of research methods for the technical tasks so as to perform a leading role in the said field, and 2) to share awareness and technology for further cooperation with Japanese researchers. They will study above technologies through the course, which is research-oriented and based on the laboratory work under the advice of the host-researchers.	(1) be researchers in the field of standards, material reference, evaluation and measurements for industry; (2) have master's degree or its equivalent; (3) have research experience of from three up to twenty years; (4) meet the specific requirement for each individual research subject; (5) be between 25 and 40 years of age
COURSE CONTENTS	DURATION
(1) Briefing & General Orientation in JICA (1 week) (2) Japanese Language Lessons in JICA (2 weeks) (3) Introductory Lectures in AIST (1 week) A. Introductory Lectures B. Observation tour of the Research Institutes in Tsukuba Science City (4) Individual Research (approximately 10 months) It is basically conducted on one subject selected by each participant. (5) Oral Presentation (3 times) A. Presentation of Individual Research Proposal B. Presentation of Mid Term Report C. Presentation of Technical Report (6) Technical Site Tours (1 week x 2 times)	Jan. 18, 2005 ~ Dec. 18, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2002 ~ 2006
	TRAINING INSTITUTIONS
	National Institute of Advanced Industrial Science and Technology
	JICA CENTER
	Tsukuba International Center
	REMARKS
	Intensive Japanese language course: 60 hours

PRACTICAL PRODUCTION MANAGEMENT(THEORY & PRACTICE ON PRODUCTIVITY IMPROVEMENT)	
生産性向上実践技術	
8 participants J0400340	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this training is to provide participants with opportunities to (1) understand technology and techniques accumulated in Kitakyushu area through its experience, (2) acquire knowledge on higher productivity through practical training and plant observations, (3) introduce and utilize the acquired knowledge and techniques to solve their own problems in production.	(1) has at least 5 years of occupational experience in the fields of production management of manufacturing or assembling industries (2) be university graduate from the faculty of engineering, or the equivalent (3) be younger than the age of 40
COURSE CONTENTS	DURATION
(1) Productivity and management engineering, Organization of Japanese companies, Quality control (2) 5S, 1E, Work improvement, Single arrangement, POKA-YOKE, Just In Time (3) QC-7 tools, Statistical methods, Taguchi methods (4) Value engineering (5) Small group activity, New QC-7 tools (6) Two-day improvement activity, Productivity improvement activity * This course includes many practices and discussions such as making and presentation of the improvement plan for the real manufactural plants.	Oct. 18, 2004 ~ Feb. 20, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	1987 ~ 2006
	TRAINING INSTITUTIONS
	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER
	Kyusyu International Center
	REMARKS

ADVOCATING A LAW-ORIENTED INFRASTRUCTURE TO PROMOTE FOREIGN DIRECT INVESTMENT II	
投資環境法整備II	
15 participants J0400803	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course, offered to senior administrators directly in charge of encouraging direct investment from abroad or officials responsible for legislative formulation, aims to contribute to the institution and development of legislation designed to promote direct investment in participating countries.	(1) senior government officials in charge of policy on legal aspects at their countries' Board of Investment, or responsible for legislative formulation on foreign direct investment, with professional experience of at least seven years (2) between 30 and 50 years of age
COURSE CONTENTS	DURATION
This course consists of lectures and visits. The main themes are: (1) Legal aspects of Japanese corporate operation (Establishment and Dissolution, Capital Procurement, Tax and Accounting) (2) Japanese policy for attraction of overseas investment (3) case study on feasibility of direct investment (4) round table discussions	Feb. 7, 2005 ~ Mar. 20, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2003 ~ 2007
	TRAINING INSTITUTIONS
	KYOTO COMPARATIVE LAW CENTER
	JICA CENTER
	Osaka International Center
	REMARKS

ENVIRONMENTAL MANAGEMENT TECHNOLOGY IN CHEMICAL INDUSTRIES	
化学産業における環境管理技術	
10 participants J0403442	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
(1) To acquire a comprehensive knowledge of the environmental pollution control and pollution prevention countermeasures in chemical industry considering safety,(2) To strengthen the professional capabilities in the field of environmental conservation,(3) To acquire a comprehensive knowledge of the latest technology currently being used for environmental management in Japan, i.e. CP, VOC,Recycling, LCA, PRTR, RC, 「Environmental Expenditure Accounting」 in the chemical industries,(4) exchange the view among the participants on the above theme.	National and local governmental inspectors or planners for the industry,business executives or technical engineers with more than 5-years practical experience in the field of environmental conservation in chemical industry;oil refinery,association of petrochemical industries(2)under 45 years of age
COURSE CONTENTS	DURATION
Session1 : Outline of Countermeasures on Environmental Pollution and Chemical Industry in Japan and Country/Job Report Presentation. (1) Program Orientation (2) Presentation of Country and Job Report by the Participants.(3) Introduction of Environment Conservation Measures in Japan. (4) Introduction of Chemical Industry in Japan. etc.(5)Cause and Effect of Chemical-related Pollution(Japanese Experience) Session2 : Environmental Protection Measures and Technologies in Chemical Industry. (1) Laws and Regulations related to Environmental Management (2) Environmental Management of Chemical Industry (3) Pollution Prevention Technologies Session3 : The Latest Technology and System for Environment Management in Japan(1) Concept of Energy Saving from Environmental and Economic Aspect (2) Cleaner Production(CP), LifeCycle Assessment(LCA) Session4 : Summery(1)Discussion (2)Final Report and Action Plan Presentation	Jun. 7, 2004 ~ Jul. 26, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2000 ~ 2004
	TRAINING INSTITUTIONS
	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER
	JICA CENTER
	Chubu International Center
	REMARKS
	Japanese language lesson 30hours

MAINTENANCE OF CONSTRUCTION MACHINERY III 建設機械整備III		8 participants J0400790	
OVERALL GOAL / PURPOSE	The purpose of the course is to provide participants with techniques and knowledge on planning and management of maintenance shops as well as maintenance of construction machinery.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	Most part of the course is practical training in factories and workshops, using actual construction machinery. It covers; (1) theoretical aspects of management and maintenance (2) practical maintenance techniques of major components (engine, clutch, torque converter, transmission, power shift transmission, final drive, differential gear, brake, steering, hydraulic system, undercarriage, etc.) (3) practical maintenance/operation techniques of major machines (bulldozer, grader, wheel-loader, hydraulic excavator, crane, compaction machinery, dump truck, etc.)	(1) presently engaged in or expected to be engaged in planning and administration work of construction machinery in the near future (2) university graduates in mechanical engineering or equivalents with more than three years of occupational experience (3) under 40 years of age	
		DURATION	
		May. 9, 2004 ~ Jul. 31, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION	
		JICA CENTER	
		Yokohama International Center	
		REMARKS	

QUALITY MANAGEMENT OF STEEL FABRICATION 鋼材加工の品質管理		8 participants J0403447	
OVERALL GOAL / PURPOSE	This is designed for countries which desire to promote the steel industry and its improvement in production and quality. The purpose of this course is to develop human resources and to contribute the development of steel industry. Course objectives are (1)to learn basic knowledge and improving techniques in quality control, productivity management and Cleaner Production (2)to learn the testing and inspecting methods of steel fabrication (3)to learn the countermeasures against defects and (4)to learn overall knowledge about manufacturing methods, techniques and basic property of steel.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	(1)Control technique and improvement techniques (quality control, Cleaner Production) (2)Basic properties and countermeasures against defects of steel material (3)Production method and properties of various steel products and applicable products (4)Various methods for testing and inspecting steel products (5)Manufacturing technique of cast and forged steel parts and countermeasures against defects (6)Plastic processing of steel plates and countermeasures against defects (7)Manufacturing method of welded structures and countermeasures against defects (8)Visit to related industries	(1)be engineer or instructor in the field of production, application or inspection of steel products with at least 5 years of experience, (2)be university graduate in metallurgy or mechanical engineering or the equivalent (3)be under 37 years old	
		DURATION	
		May. 24, 2004 ~ Oct. 2, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
		JICA CENTER	
		Kyusyu International Center	
		REMARKS	

Training Courses for the International Welding Engineer 国際溶接技術者研修		10 participants J0400861	
OVERALL GOAL / PURPOSE	By the end of the training period, the participants are expected to have theoretical and practical knowledge of: 1. Welding processes and equipments 2. Materials and their behavior during welding 3. Construction and design for welded products 4. Welding fabrication, Application engineering 5. Nondestructive tests 6. Production engineering based on Welding Engineering	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	<ul style="list-style-type: none"> • Introduction to Welding Engineering • Welding processes and equipment • Welding Metallurgy • Welding Mechanics and design • Welding Fabrication, applications engineering • Test and Inspection, Quality Control • Safety and Hygiene • Observation and practice in companies, research institutes and educational facilities • Short group training in companies 	1.be presently in charge of welding engineering, with three (3) years or more of experience in this field; 2.be university graduates in an engineering discipline or the equivalent; 3.be over twenty-six (26) and under thirty-five (35) years of age;	
		DURATION	
		Apr. 5, 2004 ~ Oct. 4, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2004 ~ 2008
		TRAINING INSTITUTIONS	
		THE JAPAN WELDING ENGINEERING SOCIETY	
		JICA CENTER	
		Chubu International Center	
		REMARKS	
		Participants can obtain IIW welding Personnel Qualification Diploma through the training when he/she passes the exam at the end of program.	

HEAT TREATMENT AND METAL FINISHING TECHNOLOGY FOR IMPROVING METAL PROPERTY 材料性質改善処理技術	
6 participants J0403446	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of the course is to train the participants in the field of various improving technologies for metal materials for machinery and metal industries so as to enable them to contribute to promotion and modernization of industries in developing countries through upgrading the reliability of machineries and metallic products.	1. be experts presently engaged in this field of technology at industry, research/educational institutes with more than two (2) years of experience; 2. have basic physical and chemical knowledge; 3. be under thirty-five (35) years of age;
COURSE CONTENTS	DURATION
(1) Basic Knowledge (2) Strengthening of bulk materials (3) Surface hardening and strengthening (4) Corrosion protection process and control (5) Related technology and items	Aug. 23, 2004 ~ Dec. 13, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2000 ~ 2004
	TRAINING INSTITUTIONS
	AICHI INDUSTRIAL RESEARCH ASSOCIATION
	JICA CENTER
	Chubu International Center
	REMARKS

SEMINAR ON EVALUATION OF NATIONAL R&D PROJECTS 産業技術に係る研究開発プロジェクト評価セミナー	
10 participants J0403483	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
It is significant to feed the results of investigation, analysis and assessment of the ongoing or completed national research and development projects back to the planning division for the effective optimal allocation of national resources. Taking this condition in to consideration, the course aims to provide knowledge and practical skills for the accurate assessment of the target, operation system.	(1) Governmental officials engaged in planning and administration in the evaluation of national research and development projects, or governmental officials who have more than three (3) years of occupational experience (2) be university or college graduates or equivalent academic background
COURSE CONTENTS	DURATION
(1) Introduction of Research and Development (R&D) Project in Japan (2) Outline of economic model for R&D Project (3) Introduction of evaluation for R&D Project (4) Introduction of evaluation methods for R&D Project (5) Examples of the evaluation of R&D Project (6) Exercise for developing and operating the evaluation systems (7) Country report presentation (8) Study visit	Jan. 18, 2005 ~ Feb. 20, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2000 ~ 2004
	TRAINING INSTITUTIONS
	Mitsubishi Research Institute, Inc.
	JICA CENTER
	Tokyo International Center
	REMARKS

BIOINDUSTRY II バイオインダストリーII	
10 participants J0400792	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Through the training programme, participants are expected to have knowledge on the following: 1) conservation and sustainable use of biological resources, 2) safety on biotechnology, 3) access to biological resources, 4) effective application of biological resources, 5) Basic technology of bioindustry 6) Applied technology of bioindustry 7) Strategy of bioindustry 8) equipments and apparatuses for bioindustry, 9) key points for planning and introducing of biotechnology	administrative officials who are currently engaged in overall planning, implementation of biotechnology policy, or, expert presently engaged in biotechnology or related technology at national research institutes with more than five years of experience
COURSE CONTENTS	DURATION
1) Outline of convention on biological diversity biotechnology Japan's biotechnology (national policy, current state and future prospect), safety of biotechnology-applied products, patents related to biotechnology and public understanding 2) Evaluation technology of biological resources preservation microbes, phylogeny analysis of bacteria, taxonomy and identification of Fungi, recombinant DNA technology and bioreactor 3) Application of useful biological resources to industry culture collection and data bank, fermentation industry in Japan, biopharmaceuticals and diagnostics and marine biotechnology 4) Practical training Sequence analysis based on 16 rDNA Morphological analysis of Fungi	May. 10, 2004 ~ Jul. 10, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2003 ~ 2007
	TRAINING INSTITUTIONS
	JAPAN BIOINDUSTRY ASSOCIATION
	JICA CENTER
	Chubu International Center
	REMARKS
	Japan Bioindustry Association http://www.jba.or.jp

NONDESTRUCTIVE INSPECTION TECHNIQUE FOR QUALITY MANAGEMENT & PLANT ASSET MANAGEMENT 非破壊検査技術III		8 participants J0400818	
OVERALL GOAL / PURPOSE	The purpose of the course is to provide indispensable principle and techniques of nondestructive inspection method for quality assurance of industrial products so as to develop their domestic industry. Goals are: (1) understand the mechanism of defect occurrence on metallic materials,(2) understand the theory of nondestructive inspection techniques,(3) select the proper inspection method according to the proposed use, (4) acquire knowledge and skills for evaluating inspection results, and others.	QUALIFICATION OF APPLICANT (1) be university graduates from the faculty of engineering, (2) be age of 40 years or less, (3) have experience in inspection work including nondestructive inspection, or who will be engaged in it in the near future	
COURSE CONTENTS	(1) Outline of NDI techniques (2) Technique for quality control (3) Relation between NDT and destructive testing (4) Outline of RT (5) Outline of SM (7) Outline of UT (8) Fundamentals of AE (9) Fundamentals of metallic materials (10) Practice in AE, ET, PT, MT, SM, UT, RT (11) Flaw in steel products and its inspection (12) Countermeasures for defect prevention of cast and forged steels (13) Flow in welding products and its inspection (14) Recent technological improvement in NDT progress (15) Maintenance Inspection (16) Cleaner Production (17) Practice in destructive testing	DURATION Feb. 14, 2005 ~ Jun. 19, 2005	
		LANGUAGE English	COOPERATION PERIOD 2003 ~ 2007
		TRAINING INSTITUTIONS KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
		JICA CENTER Kiyusu International Center	
		REMARKS The course name changed from this fiscal year. (Former name is 'Nondestructive Inspection Technique')	

IMPROVEMENT AND MANUFACTURE OF ESSENTIAL MACHINE PARTS FOR PLANT プラント用必須予備品の改善と製作		7 participants J0403505	
OVERALL GOAL / PURPOSE	In order to improve the productivity in developing countries, this training course is designed for mechanical engineers to provide skills and knowledge required for designing, ordering, manufacturing, testing and managing mechanical spare parts.	QUALIFICATION OF APPLICANT (1)be a mechanical engineer with substantial leadership and more than 5 years experiences, who is in charge of production control and manufacture of machine parts(2)have a university degree in mechanical engineering (3)be between 28 and 40 years (4) have sufficient ability and experience of computer application	
COURSE CONTENTS	(1) Maintenance Management: Maintenance system/control,Inventory control,Machine diagnosis and inspection (2) Manufacturing Technology: Iron/Steel/Nonferrous casting, Forging, Welding, Heat treatment, Surface hardening, Steel fabrication, Machining, Machining tools (3) Renovation and Application of Machine Parts: Design, Material Selection, Metal Mechanics, Corrosion, Failure Analysis, Environment, Application, Electrical Equipment, Hydraulic System, Pneumatic System Roller Bearing, Lubrication, Seal (4) Production Management: Cleaner production, Production/Quality/Process control, Improvement of Operation (5) Computer Application: FEM, CAD, CAD/CAM, Technical calculation by EXCEL (6)Observation Trip	DURATION Apr. 19, 2004 ~ Sep. 19, 2004	
		LANGUAGE English	COOPERATION PERIOD 2001 ~ 2005
		TRAINING INSTITUTIONS KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
		JICA CENTER Kiyusu International Center	
		REMARKS	

OPERATION OF UNDERSTANDING ON RULES AND PROCEDURES GOVERNING THE DSU, WTO AGREEMENT WTO協定・紛争解決了解の運用		10 participants J0403496	
OVERALL GOAL / PURPOSE	Practicing the DSU requires advanced knowledge, and developing nations are still in the process to fully administer the rules. Therefore, this course is designed for the government officials from developing nations to: (1) understand the procedure of the WTO Dispute Settlement Understanding, (2) deepen and widen the understanding of well-known Panel Cases, and (3) exercise themselves in order to brush up the ability in dealing with the Dispute Settlement.	QUALIFICATION OF APPLICANT (1) be governmental officials engaged in the work to the WTO DSU, and who have more than 5 years of occupational experience, (2) be university graduates, learned Economic Law, (3) be over thirty (30) but under forty-five (45) years of age,etc.	
COURSE CONTENTS	The following subjects will be covered in this course in the form of lecture, discussion and presentation. (1) Overview Session on WTO Agreements and New Round Negotiations (2) Outline of the Dispute Settlement Procedure (3) Enhancing the Understanding of the Panel Case - Analysis of the Well-known Dispute Settlement Case - (4) Drafting the Submission on a Fictional Dispute Case (5) Summary and Closing Remarks	DURATION Jan. 30, 2005 ~ Feb. 13, 2005	
		LANGUAGE English	COOPERATION PERIOD 2001 ~ 2005
		TRAINING INSTITUTIONS Institute for International Trade and Investment	
		JICA CENTER Tokyo International Center	
		REMARKS	

Improvements of Implementation on Security Exports Controls in Asia アジアにおける輸出管理運用技術向上	
Target Region : East and Southeast Asia	10 participants J0400881
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
OVERALL GOAL: To promote Security Export Control systems for the early establishment of the system in Asia by providing information government officials related to licensing export applications. PURPOSE: (1) To develop the ability to accurately understand the significance of security export controls and the international trends on nonproliferation. (2) To develop the ability related to introducing nonproliferation security export control systems. (3) To develop the ability to detect the concerned transaction (items, end-use, end-user).	(1) Government officials related to licensing export applications (2) With at least one (1) year of experience in this field (3) Must have at least B.A./B.S. or equivalent academic skills (4) Must be at least 25 years old, but no older than 55.
COURSE CONTENTS	DURATION
(1) Trends of Proliferation of Weapons of Mass Destruction (2) Overviews of International Export Control Regimes (examples of controlled items) (3) Japanese Export Control System (legal system, licensing practice, enforcement) (4) Security Export Controls in other major countries (United States, Hong Kong, Australia, etc.) (5) Country Report (Current conditions of security export controls in Asian countries) (6) Voluntary Controls of Japanese industries (enlightenment, support, corporate practice) (7) Visit to Customs (8) Final Report and discussions	Nov. 2, 2004 ~ Dec. 19, 2004
	LANGUAGE COOPERATION PERIOD
	English 2004 ~ 2008
	TRAINING INSTITUTIONS
	CENTER FOR INFORMATION ON SECURITY TRADE CONTROL
	JICA CENTER
	Tokyo International Center
	REMARKS

SUSTAINABLE TOURISM DEVELOPMENT II 観光開発と環境保全II	
	10 participants J0403525
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The objectives in the course are ; 1. to understand the concept, basic principles and technique for developing sustainable tourism. ; 2. to understand the outline of tourism administration in Japan. ; 3. to understand the methods to make use of regional resources (natural resources, human resources, etc.) adopted in Japan. ; 4. to acquire the skills of the survey and analysis on tourism ; and 5. to propose the appropriate action plans in participants' countries.	Applicants should ; 1. be presently engaged in tourism planning and development at ministries, agencies, local governments, and NGOs. ; 2. have university degrees or equivalent. ; 3. have sufficient commands of written and spoken English (TOEFL 200 or equivalent). ; and 4. be under thirty-five years old.
COURSE CONTENTS	DURATION
The training curriculum consists of Group Work (Fieldwork, Workshop), Lectures and Observations. In Group Work, participants actually research tourism site and analyze the data they collected. In Lectures and Observations, the curriculum is based on 1) sustainable tourism development, 2) tourism development and regional promotion, 3) tourism development and 4) tourism administrative policies in Japan and the method of finding and developing tourism resources and how to preserve regional environment.	Sep. 7, 2004 ~ Nov. 14, 2004
	LANGUAGE COOPERATION PERIOD
	English 2001 ~ 2005
	TRAINING INSTITUTIONS
	Department du Commerce, de l'Industrie et du Trava
	JICA CENTER
	Chugoku International Center
	REMARKS
	1. Participants should be cooperative in Group Work. 2. This course doesn't aim to give the knowledge and skills regarding tourism promotion and marketing.

TOURISM PROMOTION & MARKETING 観光振興とマーケティング	
	16 participants J0403455
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this seminar is to furnish participants with skills and know-how to promote tourism in a sustainable manner in each of their countries.	(1) currently engaged in tourism promotion activities in the governmental or other public tourism organizations with the occupational experience of more than three years, (2) under 40 years of age, (3) be active in participating in cross-cultural activities
COURSE CONTENTS	DURATION
In this seminar, the following major subjects will be covered through lectures, discussions, presentation and observations. (1) Japanese tourism policy and related industries (2) concrete development methods for marketing and advertising for international tourism promotion (3) concrete development methods for marketing and advertising for domestic tourism promotion	May. 5, 2004 ~ Jun. 20, 2004
	LANGUAGE COOPERATION PERIOD
	English 2000 ~ 2004
	TRAINING INSTITUTIONS
	JAPAN TRANSPORT COOPERATION ASSOCIATION
	JICA CENTER
	Tokyo International Center
	REMARKS

INTELLECTUAL PROPERTY RIGHTS 国際知的財産権		10 participants J0400705	
OVERALL GOAL / PURPOSE	This course is intended for specialists who are in a leading post to prepare and promote policies and measures for technology transfer and for protection of intellectual properties.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	This course consists of lectures, Tutorial studies and discussion including final symposium. The main themes are: (1) outline of Japanese law (2) intellectual property rights system in general (3) legal practices concerning technology transfer (4) case study (5) symposium on intellectual property rights (6) tutorial instruction (7) IPR in Japan: Industrial Property Rights, copyright Act, Unfair Competition Prevention Act	(1) Senior administrators in charge of legislation of intellectual property rights or in charge of policy making, or in position of making technical suggestion in their fields with practical experience of at least 3 years in this field (2) Under 45 years of age	
		DURATION	
		May. 10, 2004 ~ Jul. 25, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		KYOTO COMPARATIVE LAW CENTER	
		JICA CENTER	
		Osaka International Center	
		REMARKS	
		A compulsory intensive Japanese language course will be conducted prior to the technical training for one week(25hours).	

TRADE AND INVESTMENT PROMOTION SEMINAR(ASIAN COUNTRIES) 貿易・投資促進実務 (アジア)		11 participants J0400732	
OVERALL GOAL / PURPOSE	This training programme places particular emphasis on the acquisition of knowledge in the following areas: (1) Promotion of Manufacturing Industries (2) Trade (Export) Promotion (3) How to Invite Suitable Foreign Investors (4) Japanese Experiences and The Present Situation	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	(1) Promotion of Manufacturing Industries : History of Japanese Industrial Policy / Economic Development of Asian Countries / Support for Small and Medium Enterprises (SMEs) (2) Trade (Export) Promotion: WTO and International Economic Relationships / Standardization and Quality Control / Japanese Trade Promotion Efforts and Activities / Trade Insurance System / Japan as a Market (3) How to Invite Suitable Foreign Investment : Technology (Resources) Transfer to Recipient Countries and Ideal Conditions to Attract Investors / Economic Relationships - Asian Countries and Japan / Recent Trends in Japanese Overseas Direct Investments / Sogo Shosha - Its Roles (4) Country Report Presentation (5) Market Research (6) Field Trip and Observation	(1) be under forty (40) years of age,(2) be officials belonging to governmental or semi-governmental organizations with more than five years of practical experience in the administration of trade or investment.	
		DURATION	
		Apr. 6, 2004 ~ May. 20, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2002 ~ 2006
		TRAINING INSTITUTIONS	
		WORLD TRADE CENTER TOKYO,INC.	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

TRADE AND INVESTMENT PROMOTION SEMINAR(AFRICAN AND MIDDLE EASTERN COUNTRIES) 貿易・投資促進実務 (アフリカ・中近東)		10 participants J0400733	
OVERALL GOAL / PURPOSE	This training programme places particular emphasis on the acquisition of knowledge in the following areas: (1) Promotion of Manufacturing Industries (2) Trade (Export) Promotion (3) How to Invite Suitable Foreign Investors (4) Japanese Experiences and The Present Situation	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	(1) Promotion of Manufacturing Industries : History of Japanese Industrial Policy / Economic Development of African and Middle Eastern Countries / Support for Small and Medium Enterprises (SMEs) (2) Trade (Export) Promotion: WTO and International Economic Relationships / Standardization and Quality Control / Japanese Trade Promotion Efforts and Activities / Trade Insurance System / Japan as a Market (3) How to Invite Suitable Foreign Investment : Technology (Resources) Transfer to Recipient Countries and Ideal Conditions to Attract Investors / Economic Relationships - African and Middle Eastern Countries and Japan / Recent Trends in Japanese Overseas Direct Investments / Sogo Shosha's Roles (4) Country Report Presentation (5) Thesis Writing (6) Field Trip and Observation	(1) be under forty (40) years of age,(2) be officials belonging to governmental or semi-governmental organizations with more than five years of practical experience in the administration of trade or investment.	
		DURATION	
		Sep. 7, 2004 ~ Oct. 21, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2002 ~ 2006
		TRAINING INSTITUTIONS	
		WORLD TRADE CENTER TOKYO,INC.	
		JICA CENTER	
		Tokyo International Center	
		REMARKS	

TRADE AND INVESTMENT PROMOTION SEMINAR(LATIN AMERICAN COUNTRIES) 貿易・投資促進業務(中南米)	
Target Region : Latin American countries	11 participants J0400731
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This training programme places particular emphasis on the acquisition of knowledge in the following areas: (1) Promotion of Manufacturing Industries (2) Trade (Export) Promotion (3) How to Invite Suitable Foreign Investors (4) Japanese Experiences and The Present Situation	(1) be under forty (40) years of age,(2) be officials belonging to governmental or semi-governmental organizations with more than five years of practical experience in the administration of trade or investment.
COURSE CONTENTS	DURATION
(1)Promotion of Manufacturing Industries : History of Japanese Industrial Policy / Economic Development of Latin American Countries / Support for Small and Medium Enterprises (SMEs) (2)Trade (Export) Promotion: WTO and International Economic Relationships / Standardization and Quality Control / Japanese Trade Promotion Efforts and Activities / Trade Insurance System / Japan as a Market (3)How to Invite Suitable Foreign Investment : Technology (Resources) Transfer to Recipient Countries and Ideal Conditions to Attract Investors / Economic Relationships -Latin American Countries and Japan / Recent Trends in Japanese Overseas Direct Investments / Sogo Shosha - Its Roles (4)Country Report Presentation (5)Market Research (6)Field Trip and Observation	Jun. 15, 2004 ~ Jul. 29, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2002 ~ 2006
	TRAINING INSTITUTIONS
	WORLD TRADE CENTER TOKYO,INC.
	JICA CENTER
	Tokyo International Center
	REMARKS

Foreign Trade Development II 貿易促進II	
	10 participants J0400849
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Through the training program, participants are expected to acquire the wider knowledge on international economy, Japanese economy (Japanese market) and various aspects of international transactions and to acquire some clues to expand export of their individual countries towards Japanese market.	(1)technical specialists or researchers engaged in inspection of export and import food products and also in quality control services in food manufacturing factories. (2)have on experience of more than 2 years in the above fields. (3)be less than 35 years of age (4)be university graduates or equivalents
COURSE CONTENTS	DURATION
<ul style="list-style-type: none"> Japanese history and culture on economic development The role of Japanese private-sectors (from small & medium to large sized companies) Japanese logistical systems (at home and abroad) the measures and policies of public-sectors(trade supporting institutions) Activities for trade promotion and development of Japanese firms 	May. 31, 2004 ~ Aug. 8, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2004 ~ 2008
	TRAINING INSTITUTIONS
	KOBE UNIVERSITY
	JICA CENTER
	Hyogo International Center
	REMARKS
	A compulsory intensive Japanese language course will be conducted along with the technical training for 25 hours.

MANAGEMENT ON TRADE AND INVESTMENT INSURANCE 貿易保険制度運用	
	10 participants J0400734
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this seminar is to facilitate each country's trade insurance system by providing training programs on trade insurance system and its management through presentation and demonstration to officials of governments and governmental organizations in charge of trade insurance system. The program places emphasis on helping participants, who are beginners or have no experience in the trade insurance business, to have the basic knowledge of trade insurance.	1) officials of governments or governmental organizations in charge of planning and management of trade and investment insurance (2) with more than three years of experience in the trade and investment insurance and (3) with sufficient command of spoken and written English.
COURSE CONTENTS	DURATION
This course mainly consists of lectures, discussions and field studies, and covers the following; (1) the purpose, the role and the characteristics of Trade and Investment Insurance (2) the outline of Trade and Investment Insurance System in Japan (risk management, short-term insurance, medium-to- long-term insurance, claims and recoveries, and others) (3) the visits to the trade insurance related institutions and companies (4) Country Report Presentation	Sep. 21, 2004 ~ Oct. 20, 2004
	LANGUAGE
	English
	COOPERATION PERIOD
	2002 ~ 2006
	TRAINING INSTITUTIONS
	JAPAN TRADE AND INVESTMENT INSURANCE ORGANIZATION
	JICA CENTER
	Tokyo International Center
	REMARKS

Agricultural/Rural Development

〈農業開発／農村開発〉

FOOD PROCESSING AND PRESERVATION TECHNOLOGY II 食品加工・保全技術II	
Target Region : Southeast Asia/ Indochina	7 participants J0403527
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
For many developing countries, food products are compelled to lower its commercial value or be disposed of, due to improper processing technology or insufficiency of equipments. To make use of the resources effectively and produce foods with added value, this course aims to provide training on proper technologies on food processing and preservation based on proper food hygiene standards, through introducing the Japanese laws, systems and technologies practiced in food industries.	(1)Be researchers/technical staffs of research institutes related to food processing/preservation (2)Be capable of conducting basic chemical experiments (3)Have a university degree or the equivalent in science course (4)Be over 25 and under 35 years in principle.
COURSE CONTENTS	DURATION
1.General training (1) Outline of Japanese food processing and preservation (2) Observation tours to institutes, plants, etc. 2. Individual training (Participants will select one of the following themes.) (1) Production techniques of useful metabolites by using jar-fermentor and others (2) Separation and breeding of microorganism for brewing (3) Manufacture and ingredient analysis of processed foods of agricultural products - such as rice, wheat, soy beans, etc. (4) Acquisition of sterilization theory and techniques through practicing experiments of thermally sterilized foods	Jan. 11, 2005 ~ Mar. 20, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2001 ~ 2005
	TRAINING INSTITUTIONS
	HIROSHIMA PREF.FOOD TECHNOLOGY RESEARCH CENTER
	JICA CENTER
	Chugoku International Center
	REMARKS
	This course is mainly targeted to countries of Southeast Asia and Indochina because the main food materials to be used are rice, wheat, and beans.

MICROBIAL INSPECTION FOR FOOD SAFETY I 食品微生物検査技術I	
Target Region : Southeast Asia/ Indochina	6 participants J0400808
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The course is designed to upgrade the technical skills of personnel who are currently engaged in food microbial control.	(1) research or technical officer presently engaged in food microbial control (2) University graduates and/or equivalents with occupational experience of more than three years in the field of food microbial control (3) be over twenty-six (26) and under thirty-five (35) years of age
COURSE CONTENTS	DURATION
The emphasis is put on introduction of comprehensive knowledge on the following subjects through lecture, practice and field observations. Lec.(1w):(1) JPN food sanitation law(2) Microbial control(3) Enteropathogenic bacteria & their toxins(4) Putrefaction & spoilage(5) Fungi (6) Recent trend of regulation for marine & livestock products in JPN Practice(11w):A) Basic techniques (1) preparation of culture medium(2) staining microbes(3) viable count of bacteria(4) count of coliform, lactic acid bacteria B) procedures for the isolation & identification of pathogenic microbes related to food-poisoning (1) E.coli(2) S.aureus(3) pathogenic vibrios (V.parahaemolyticus, V. cholerae (4) Campylobacter (5)C.perfringens (6)C.hotulinum (7)Listeria monocytogenes (8)B.cereus(9)fungi(10)afatoxin. Obs. & field trips (3w): governmental or private food inspection org., food processing factories & brewery plants.	Jan. 10, 2005 ~ May. 22, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2003 ~ 2007
	TRAINING INSTITUTIONS
	KOBE INSTITUTE OF HEALTH
	JICA CENTER
	Hyogo International Center
	REMARKS
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

FOOD SANITATION ADMINISTRATION(AFRICAN COUNTRIES) 食品保健行政 (アフリカ諸国)	
Target Region : Sub-saharan African countries	10 participants J0403514
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is designed for technical officials in charge of food sanitation administration to learn comprehensive knowledge on food sanitation and health promotion measures to be taken consistently in production, processing, distribution and consumption stages, thus to help the developing countries to improve their public health conditions.	Applicants should (1) be technical officials concerned with administration or projects related to food sanitation or health promotion in a national or local government organization and have more than 3 years of experience, (2) be over 25 and under 45 years of age.
COURSE CONTENTS	DURATION
This course covers the following topics: (1)Lectures (a)Sapporo municipal administration outline (b)Food sanitation outlines (c)Food chemistry and food industry outlines (d)Nutrition outlines (2)Practices (a)Supervision and guidance (b)Food processing technologies (d)Bacteriological examinations, etc , (3)Study tours (a)Production sites (b)Food processing technologies (c)Food manufacturing facilities (c)Research institutions (d)Sapporo's municipal facilities concerning sanitation and others , and (4)Discussion & presentation	Jan. 18, 2005 ~ Mar. 6, 2005
	LANGUAGE
	English
	COOPERATION PERIOD
	2001 ~ 2005
	TRAINING INSTITUTIONS
	HEALTH & SANITATION BUREAU, CITY OF SAPPORO
	JICA CENTER
	Hokkaido International Center,Sapporo
	REMARKS

DISTRIBUTION OF FRESH FRUITS AND VEGETABLES 生鮮食料品流通 (青果物)		7 participants J0400661	
OVERALL GOAL / PURPOSE	Through the training programme, participants are expected to: (1) acquire a thorough knowledge of the development process of wholesale markets through the study of Japanese cases, (2) learn how the distribution systems are managed under the integrated rules based on the law concerning the wholesale market, and how the market system functions at present, and (3) acquire a comprehensive knowledge of fresh food distribution from producing district to consumer market.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	In this course, the emphasis is put on introduction of Japanese experience and basic theories of distribution of fresh fruits and vegetables. The main themes are: (1) lectures (a) wholesale market (b) farming area (c) retail (d) consumers (2) practical training (a) wholesale market (b) wholesale companies (c) middlemen (3) field training and observation (a) retail market and large scale retail store (b) farming area (4) Action Plan making	DURATION	
		Aug. 16, 2004 ~ Oct. 29, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	1991 ~ 2004
		TRAINING INSTITUTIONS	
		THE OSAKA MUNICIPAL CENTRAL WHOLESALE MARKET	
		JICA CENTER	
		Osaka International Center	
		REMARKS	
		A compulsory intensive Japanese language course will be conducted prior to the technical training for two week(50 hours).	

UTILIZATION AND PRESERVATION TECHNIQUES FOR ANIMAL PRODUCTS 畜産物の利用と保蔵技術		5 participants J0403518	
OVERALL GOAL / PURPOSE	This course, targeting food processing technologists and researchers at educational and research institutions in developing countries, aims to nurture human resources in order to increase the value of food by maintaining their countries' animal product quality and preventing the deterioration of health, through the acquisition of a series of processing and preservation techniques, ranging from scientific concepts of animal products to hygienic food handling.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	(1) Meat Science, Food hygiene, Fattening techniques, Slaughter and decomposition techniques (2) Processing techniques, Production and processing of animal products, Outline of milk processing and milk products (3) Food packaging, materials and ect.	DURATION	
		Feb. 20, 2005 ~ May. 27, 2005	
		LANGUAGE	COOPERATION PERIOD
		English	2001 ~ 2005
		TRAINING INSTITUTIONS	
		OBIHIRO UNIV. OF AGRICULT. & VETERINARY MEDICINE	
		JICA CENTER	
		Hokkaido International Center, Obihiro	
		REMARKS	
		Nomination Forms without job report will not be duly considered.	

FOOD SAFETY CONTROL SYSTEM IN SUB-SAHARAN AFRICAN COUNTRIES 農畜水産食品の安全管理 (サブサハラアフリカ諸国)		5 participants J0403486	
Target Region : Sub-Saharan African countries			
OVERALL GOAL / PURPOSE	Food safety control is a theme to be solved in the world at the present time, but some of the countries have not taken up this theme as an important matter. Therefore, this issue should be taken to deal with the ever-increasing problem immediately in several countries. Also, it is very important for consumers and food companies to reduce food poisoning and maintain sanitary conditions, and HACCP (Hazard Analysis, Critical Control Point) is paid attention to and many countries adopt the HACCP.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	This training course comprises lectures, practices and study tours as follows, for the purpose of carrying out course objectives Lectures: (1) Food safety control, (2) Meat production, (3) Dairy production, (4) Fishery production, (5) HACCP, (6) Distribution system Practices: (1) Food safety control, (2) Meat production, (3) Dairy production, (4) Fishery production, (5) HACCP, etc Study tours: (1) Meat production, (2) Dairy production, (3) Fishery production, (4) Distribution system, (5) Field study (large-scale dairy farm etc.), (6) Field study (quarantine station, institute of sanitary, etc.)	DURATION	
		Aug. 3, 2004 ~ Sep. 26, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		RAKUNO GAKUEN UNIVERSITY	
		JICA CENTER	
		Hokkaido International Center, Sapporo	
		REMARKS	

POST-HARVEST RICE PROCESSING II 米の収穫後処理技術II		10 participants J0400772	
OVERALL GOAL / PURPOSE	The purpose of the course is to contribute to the planning, guidance and extension of technical improvement in this field in the government and public organizations of each country. It also aims to contribute to the improvement in effective processing technology and to prevent quantitative and qualitative losses by giving participants the knowledge and information on post-harvest rice processing in Japan, such as harvesting, drying, husking, grading, inspection, storage, milling, utilization of by-products, etc.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	The following major subjects will be covered in the course. (1)rice production and marketing (2)characteristics of rice (indica and japonica subspecies) (3)harvesting, threshing and drying-machinery operation (4)storage-facility control and management (5)milling-machinery/equipment operation (6)quality control and inspection-system and testing equipment (7)utilization of by-products (husks, bran and broken)	(1)be senior technical administrator in government or public organizations engaged in planning and promoting the improvement of post-harvest rice processes (not be researcher, instructor or professor at university/not be Ph.D. holder) (2)be under 45 years of age (3)be university graduate	
		DURATION	
		Aug. 31, 2004 ~ Nov. 13, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2003 ~ 2007
		TRAINING INSTITUTIONS	
		JAPAN GRAIN INSPECTION ASSOCIATION	
		JICA CENTER	
		Tsukuba International Center	
		REMARKS	

MYCOTOXIN INSPECTION IN FOOD マイコトキシン検査技術		7 participants J0400683	
OVERALL GOAL / PURPOSE	The purpose of the course is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this course, they are expected to be able to apply them in their respective countries.	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	In this course, the emphasis is put on introduction of comprehensive knowledge of the following subjects through lecture, practice and field trip. LECTURES: (1) food sanitation law and food inspection (2) general view of mycotoxins (3) introduction to fungi (4) isolation and identification of fungi (5) Aspergillus flavus contamination of groundnuts and maize (6) Fusarium contamination of wheat and maize (7) sampling for mycotoxins (8) analysis of mycotoxins (9) control of mycotoxins (10) analysis of food preservatives. PRACTICES: (1) method of the isolation and identification of mycotoxins-producing fungi (2) analysis of mycotoxins such as aflatoxins and fusarium mycotoxins (3) analysis of food preservatives. OBSERVATIONS and FIELD TRIPS: government and private food inspection organization, food processing factories	(1) technical officer or inspector presently engaged in food inspection (2) university graduate or equivalent with practical experience of not less than three years in the field of food inspection (3) not more than 35 years of age	
		DURATION	
		Jan. 31, 2005 ~ May. 15, 2005	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		KOBE INSTITUTE OF HEALTH	
		JICA CENTER	
		Hyogo International Center	
		REMARKS	
		A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.	

MANAGEMENT OF NATURAL RESOURCES AND AGRICULTURAL PRODUCTION BY GIS(GEOGRAPHIC INFORMATION SYSTEM) GIS (地理情報システム) による天然資源・農業生産物の管理		5 participants J0403491	
OVERALL GOAL / PURPOSE	The participants are expected to have acquired knowledge of the following: (1)basic theory and techniques on GIS technology (2)basic techniques on how to manage natural resources and agricultural products by GIS (3) basic techniques about building a management system for natural resources and/or agricultural products based upon GIS	QUALIFICATION OF APPLICANT	
COURSE CONTENTS	(1)Introduction to GIS for sustainable management of natural resources and agricultural products (2)Basic Theory of GIS(I): Concept of GIS (Data Structure, How to generate GIS Data) (3)How to manipulate the GRASS Tool:Construction of GIS system(GRASS-Commands Operation) (4)Basic theory of GIS(II) :Generation of evaluation maps for land utilization by GRASS (5)Application of Remote Sensing Data to GIS:Data processing technology of Remote Sensing Data (6)Application of GPS to GIS (7)Application of the GIS to natural resources management and agricultural products (8)Visits and Observations: Visits to a map company or an aerial survey company with GIS technology in NAGOYA City, Visits to rural areas in Japan for observation of places where GIS is applied	Be in a position to disseminate basic knowledge on GIS,be beginners of GIS applications,be university staff/institute researchers in agricultural sciences engaged in teaching or research on sustainable management problems of natural resources or official engaged in policy-making for the above mentioned field with over 5 years of experience	
		DURATION	
		Aug. 16, 2004 ~ Sep. 23, 2004	
		LANGUAGE	COOPERATION PERIOD
		English	2000 ~ 2004
		TRAINING INSTITUTIONS	
		Nagoya Univ. Int'l Agric. Research Cooperation C.	
		JICA CENTER	
		Chubu International Center	
		REMARKS	