

THIRD COUNTRY TRAINING AND IN-COUNTRY TRAINING COURSES OF THE GOVERNMENT OF JAPAN

List and Outline of Courses
Starting Between April 2000 and March 2001

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JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)



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For more detailed information on the Third Country Training Courses needed for the application and actual course schedule, please refer to the General Information brochures (GI) for each course, which will be sent to each invited country through diplomatic channels of the host country.

I. Third Country Training Courses

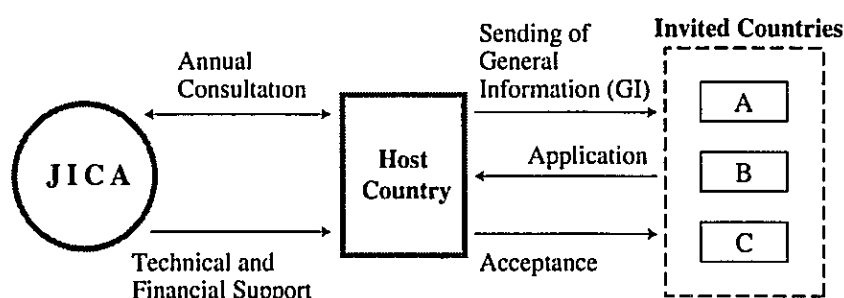
1. What Is Third Country Training?

(1) Background

Third Country Training Program (TCTP) was first introduced to JICA's technical cooperation program in March, 1975 when participants from Lao PDR attended a training course on sericulture in Thailand financially supported by JICA.

Since then, JICA's TCTP has been expanded in number and improved in quality and now it offers 108 courses in 25 different countries in the Japanese fiscal year 1998 (April 1998 – March 1999).

Unlike the conventional type of JICA's training program where participants are invited to Japan, TCTP is designed so that a leading country in a certain development issue organizes a training course and invites neighboring countries with common or similar social, cultural and linguistic background with the cooperation and assistance of JICA.



(2) Objectives

JICA's TCTP has two objectives; one is to provide training which better fits the needs and respective conditions of participating countries, and the other is to promote technical cooperation among developing countries by extending technical and financial assistance to the host country. With respect to the former objective, JICA provides fellowships to participants from outside the host country, and as for the latter purpose, JICA furnishes concerned training institutions with necessary operating funds and provides necessary experts under its Expert-Dispatch Program.

2. List of the Courses Planned in JFY 2000

Implementing Country	Title	Training Institution(s)
Indonesia	International Advanced Course on Integrated Technology for Housing Strategy	Research Institute for Human Settlements Technology (RIHST), Ministry of Settlements and Regional Infrastructure
	TV Programme Production and Management	Multi Media Training Center (MMTC), Department of Information
	Role of Media in Family Planning/Reproductive Health Information, Education and Communication Program	National Family Planning Coordinating Board (BKKBN)
	International Course on Electronic Engineering Education	Electronic Engineering Polytechnic Institute of Surabaya (EEPIS)
	International Training Course on Sabo Engineering and Water Induced Disaster Countermeasures	Sabo Technical Center (STC)
	Sustainable Structural Safety Design for Building Engineers	Research Institute for Human Settlements Technology (RIHST), Ministry of Settlements and Regional Infrastructure
	Quality Assurance of Live Attenuated Polio & Measles Vaccine	PT Bio Ferma (Persero)
	Agricultural Engineering and Technology in the Developing Countries	Bogor Agricultural University (Institut Pertanian Bogor: IPB)
	Telecommunication Outside Planet Construction Supervisory	Education and Training Center of PT. TELEKOMUNIKASI INDONESIA (DIVLAT PT. TELECOM)
Malaysia	ASEAN Course in Specialized Diagnostic Techniques on Poultry Diseases	ASEAN Poultry Disease Research and Training Center (APDRTC); Veterinary Research Institute
	PFP/APEC Course on Standards and Conformity Assessment Schemes	Standard and Industrial Research Institute of Malaysia (SIRIM)
	International Seminar on Biotechnological Techniques in Tropical Medicine	Institute for Medical Research (IMR)
	International Course on the Promotion of Healthy Environments in Urban Area	National Institute of Public Administration (INTAN)
	Engine Electrical and Electronic System Services	Center for Instructor and Advanced Skill Training (CIAT)
Philippines	Improvement of Occupational Safety and Health in Small and Medium-sized Enterprises	Occupational Safety and Health Center
	Laboratory Diagnosis of HIV Infection and Opportunistic Infections in AIDS	Research Institute of Tropical Medicine (RITM)
	Executives Forum on Urban Environment and Transport Development Management (EXETRAM)	National center for Transportation Studies (NCTS), University of the Philippines (UP)
	Advanced Telecommunications Outside Plant Technology (Fiber Optics)	Telecommunications Training Institute (TTI)
	Responsible Aquaculture Development	SEAFDEC
	Mainstreaming Gender and Development Perspectives in Technical Vocational Education and Training	Technical Education and Skills Development Authority (TESDA)
	Technology Application in Education: Teachers and Teacher Trainers	SEAMEO INNOTECH
	Regional Training Orientation Course on the Principles and Practice of Appropriate Technology	APPROTECH ASIA; Asian Alliance of Appropriate Technology Practitioners

Singapore	Train-the-Trainers in Tourism Management	Tamasek Polytechnic
	Aeronautical Information Services	Singapore Aviation Academy
	Productivity Management for Africa	Singapore Productivity and Standards Board (PSB)
	International Trade Promotion	Nanyang Technological University
	Urban Environmental Management	Centre for Environmental Training (CET)
	Management of Productivity and Quality for Small and Medium Enterprises (SMEs)	Singapore Productivity and Standards Board (PSB)
	Prudential Regulations of the Banking Sector	National University of Singapore
	APEC-PFP Management Consultancy for Small and Medium Enterprises	Singapore Productivity and Standards Board (PSB)
	APEC-PFP International Business Financing Course	Singapore Trade Development Board (TDB)
	Koban System of Japan and its Adaptation as the Neighborhood Police Post System in Singapore	Singapore Police Force (SPF); National Police Agency Japan (NPA)
	Mechatronic Systems Technology	Nanyang Polytechnic (NYP)
	Intelligent Systems for Management Information Systems (MIS) Managers	Japan-Singapore AI Center (JSAIC)
	Products Protection Engineering in Logistics	Singapore Productivity and Standards Board (PSB)
	HRD in Financial Sector for ASEAN Countries - Financial Derivatives	Institute of Banking and Finance
Thailand	Water Supply Technology	National Waterworks Technology Training Institute (NWTI)
	Regional Training Course on Effective Countermeasures against Drug Offenses and Advancement of Criminal Justice Administration	Office of the Narcotics Control Board (ONCB)
	Diploma Course in Dermatology	Institute of Dermatology, Ministry of Public Health
	Sustainable Highland Agriculture Development	Chiang Mai University (CMU), Ministry of University Affairs
	Irrigation System Management for Sustainable Development	Royal Irrigation Department (RID)
	APEC/PFP Course on Management of Industrial Property Rights	Technical & Planning Division, Department of Intellectual Property (DIP), Ministry of Commerce
	APEC/PFP Course on Competition Policy	Department of Internal Trade (DIT), Ministry of Commerce
	Diagnostic Technology and Control Measures for Major Livestock Diseases	National Institute of Animal Health (NIAH), Department of Livestock Development (DLD), Ministry of Agriculture and Cooperatives
	Advanced Telecommunications Technology	King Mongkut's Institute of Technology Ladkrabang (KMUTL)
	Master's Degree Programme in Primary Health Care Management (MPHM)	ASEAN Institute for Health Development (AIHD), Faculty of Graduate Studies, Mahidol University and Ministry of Public Health
	Population and Reproductive Health Research	Institute of Population and Social Research, Mahidol University
	Reforestation and Extension Techniques for Lao Foresters	Royal Forest Department (RFD), the Government of Kingdom of Thailand
	Freshwater Aquaculture	Department of Fisheries, Ministry of Agriculture and Cooperatives
China	Meat Processing Technology	CMRC
Sri Lanka	Information Systems Engineering	Institute of Computer Technology (ICT) of the University of Colombo
	Digital Television Broadcast Engineering	Sri Lanka Rupavahini Corporation (SLRC)
	Plant Genetic Resources Conservation & Management	Plant Genetic Resources Center

Tonga	Sustainable Use of Coral Reef Fisheries Resources with Special Emphasis on Shellfish Seed Production and Release	Mariculture Research Center, the Ministry of Fisheries, the Kingdom of Tonga
Panama	Outboard Motor Maintenance and Repairing	Instituto Nacional de Formacion Profesional (INFORP)
Costa Rica	International Training Course on Productivity and Quality Management	Technical Instructor and Personnel Training Center for Industrial Development of Central America (CEFOF)
	Primer Curso Internacional de Capacitacion Sobre las Condiciones de Vida en Las Carceles Y Sus Programas	United Nations Latin American Institute for Crime Prevention and Treatment of Offenders (ILANUD)
Mexico	Electronics Control for Teachers	CETMEJA, DGETI, Secretaria de Educaci3n P3blica
	Shipping and Port Management	Merchant Marine Academy of Veracruz, Fidecomiso de Formacion y Capacitacion para Personal de la Marina Mercante Nacional (FIDENA)
	International Training Course on Integrated Production of Educational Television Programs	CETE, Ministry of Public Education
	Earthquake-Resistant Design and Construction of Structures	Centro Nacional de Prevenci3n de Desastres (CENAPRED)
	International Training Course on Reproductive Health	Direction of Reproductive Health, Secretariat of Health; Direction of Health Service, State of Veracruz
Argentina	International Seminar on Fisheries	Escuela Nacional de Pesca (ESNP)
	Diagnosis and Research on Domestic Animal Diseases	University of La Plata
	Regional Training Course on the Railways Modernization and Electrification in Latin America	National Railway Training Center (CENACAF)
	Latin American Course on Plasma Processing of Materials	Argentine Atomic Energy Commission (CNEA)
	Diagnosis and Characterization of Plant Virus Diseases	National Institute of Agricultural Technology (INTA); Institute of Plant Pathology and Physiology (IFFIVE)
Brazil	Tropical Diseases	Laboratorio de Imunopatologia Keizo Asami of the Universidade Federal de Pernambuco (LIKA/UFPE)
	International Training Course on Factory Automation Systems	Manufacturing Automation Center of SENAI/S3o Paulo
	Strengthening on the Most Advanced Gastroenterological Diagnosis Training Course	Gastroenterological Diagnosis and Research Center - UNICAMP
	Domestic Waste Water Treatment Technics	Sanitation Company of the State of S3o Paulo
	Study Harmful Animals, Diagnosis of Accident Caused by Harmful Animals and Production of Activenin	Butantan Institute
	International Training Program on Inter-city Railway (Metro) Transport System	Empresa de Trens Urbanos de Porto Alegre S/A (TRENSURB)
Peru	Disaster Prevention and Environmental Conservation of Sustainable Development	Peru-Japan Earthquake Engineering and Disaster Mitigation Center
Chile	Optical Fiber Transmission System	Digital Telecommunication Training Center (CINCATTEL); National Institute of Professional Training (INACAP)
	Molluscan Aquaculture Engineering	Aquiculture Department of Marine Science Faculty, Universidad Cat3lica del Norte in the Republic of Chile
	Integral Management of Watershed with Emphasis on Soil and Water Conservation	National Forestry Corporation
Poland	Education of Highly Qualified IT Specialists for Central and Eastern Europe Countries in Accordance to Demands of Job Market	Polish-Japanese Institute of Computer Techniques

Jordan	Electric Power Training	Electric Training Center (ETC), National Electric Power Company (NEPCO)
	Advanced Medical Equipment Maintenance Training Programme for Palestinians	Electronic Services and Training Centre (ESTC), Royal Scientific Society (RSS), the Higher Council for Science and technology (HCST)
	System Engineering	CTTISC in the Hashemite Kingdom of Jordan
	Electric Power Training for Palestinians	Electric Training Center (ETC)
	Environmental Legislation and Enforcement	General Corporation for Environment Protection
Saudi Arabia	Regional training Course on Safety Requirements for Household Appliances	Saudi Arabian Standards Organization (SASO)
Turkey	Exploration and Evaluation of Underground Resources	General Directorate of Mineral Research Exploration
	Audio-Visual Communication in Family Health	Communication Centers of Ministry of Health in Ankara
United Arab Emirates	Fish Stock Assessment and Management	Ministry of Agriculture and Fisheries
Morocco	Management of Fisheries Education	Specialised Institute of Maritime Fisheries Technology (ISTPM Agadir)
	Road Maintenance and Construction Machines	Institute of Training on Road Maintenance and Construction Machines (IFEER)
Tunisia	Development of IEC Competence in Reproductive Health	National Family and Population Board (ONFP)
	Debt Management Seminar	Tunisian Technical Cooperation Agency (ATCT)
Egypt	Rice Cultivation Techniques	Egyptian International Center for Agriculture (EICA)
	Rice Processing Techniques	Rice Processing Technology Training Center
	International Training Course for Clinical Immunology of Infectious Diseases and an Introduction to Molecular Biology	Faculty of Medicine, Suez Canal University
	Animal Production and Health	Egyptian International Center for Agriculture
	Construction Equipment Training for Palestinians	Construction Equipment Training Center
	Welding Technology for Palestinians	Central Metallurgical Research and Development Institute (CMRDI)
Kenya	Applied Food Analysis	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
	Water Pollution and Its Analysis	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
	Applied Electrical and Electronic Engineering	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
	Applied Plant Propagation Technology in Horticultural Crops	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
	Seminar on GPS Surveying	Kenya Institution of Surveying and Mapping (KISM)
	Blood Screening for Viral Hepatitis and HIV/AIDS	Kenya Medical Research Institute (KEMRI)
	Local and Regional Development Planning and Management	Jomo Kenyatta University of Agriculture and Technology; United Nations Centre for Regional Development, Africa Office
	Design Production and Maintenance of Fluid Flow Machinery	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
	Agricultural Machinery Management	Jomo Kenyatta University of Agriculture and Technology (JKUAT)
Zambia	Diagnosis, Control and Prevention of Tropical Livestock Diseases	School of Veterinary Medical, University of Zambia (SVM-UNZA)
Senegal	Vocational and Technical Training for African Countries	Vocational and Technical Training Center

3. Table of the Scheduled Courses in JFY 2000

[ASIAN REGION]					
Invited Country Implementing Country	Times (Total)	Course Title	Participants		Cooperation Period
			Invited Countries	Country Implementing Total	
Indonesia	4	(9) International Advanced Course on Integrated Technology for Housing Planning	12	4	97-01 (92-01)
	4	TV Programme Production and Management	12	3	97-01
3	(8) Roles of Media in Family Planning / Reproductive Health Information, Education and Communication Program	18	0	99-02 (93-02)	
3	(8) International Training Course on Electronic Engineering Education	12	3	98-02 (93-02)	
3	(8) International Training Course on Saab Engineering and Water Induced Disaster Countermeasures	10	5	98-02 (93-02)	
2	Sustainable Structural Safety Design for Building Engineers	12	4	99-03	
3	Quality Assurance of Live Attenuated Polio & Measles Vaccine	8	2	10 (99-02)	
3	Agricultural Engineering and Technology in the Developing Countries	15	0	98-02	
3	Telecommunication Outside Planet Construction Supervisory	15	3	18 98-02	

Invited Country (Asia)																				Invited Country (Outside of the Region)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Indonesia	Malaysia	Philippines	Thailand	Cambodia	Laos	Viet Nam	China	Myanmar	Korea	Mongolia	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Hong Kong	Fiji	Kiribati	Nauru	PNG	Solomon Islands	Tonga	Tuvalu	Vanuatu	Samoa	Cook Islands	Nau	Marshall Islands	Micronesia	Seychelles	Mauritius	Palestine	Kenya	Zambia	Egypt	Ethiopia	South Africa	Tanzania	Zimbabwe	Angola	Botswana	Ghana	Lesotho	Malawi	Namibia	Swaziland	Uganda	Mozambique	Congo	Turkey	Jordan	Syria																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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ASIAN REGION			Invited Country (Asia)														Invited Country (Outside of the Region)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Implementing Country	Times (Total)	Course Title	Participants	Cooperation Period	Indonesia	Singapore	Malaysia	Philippines	Thailand	Cambodia	Laos	Viet Nam	China	Myanmar	Mongolia	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Hong Kong	Fiji	Kiribati	Nauru	PNG	Solomon Islands	Tonga	Tuvalu	Vanuatu	Samoa	Cook Islands	Niue	Marshall Islands	Micronesia	Brunei	Mexico	Chile	Peru	Bolivia	Iran	Turkmenistan	Oman	Morocco	Jordan	Lebanon	Seychelles	Mauritius	Palestine	Kenya	Zambia	Egypt	Ethiopia	South Africa	Tanzania	Zimbabwe	Angola	Botswana	Ghana	Lesotho	Malawi	Namibia	Swaziland	Uganda	Mozambique	Congo																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Implementing Country	Times (Total)	Course Title	Participants		Cooperation Period	Invited Country (Asia)		Invited Country (Outside of the Region)	
Thailand	1	Freshwater Aquaculture	11	3	14	Total			
			Invited Countries	Implementing Country	Total				
						Indonesia	○		
						Malaysia	○		
						Philippines	○		
						Thailand	●		
						Cambodia	○		
						Laos	○		
						Viet Nam	○		
						China	○		
						Myanmar	○		
						Korea			
						Mongolia			
						Singapore			
						Bangladesh	○		
						Bhutan	○		
						India	○		
						Maldives			
						Nepal			
						Pakistan	○		
						Sri Lanka	○		
						Hong Kong			
						Fiji			
						Kiribati			
						Nauru			
						PNG			
						Solomon Islands			
						Tonga			
						Tuvalu			
						Vanuatu			
						Samoa			
						Cook Islands			
						Niue			
						Marshall Islands			
						Micronesia			
						Mexico			
						Chile			
						Peru			
						Iran			
						Seychelles			
						Mauritius			
						Palestine			
						Kenya			
						Zambia			
						Egypt			
						Ethiopia			
						South Africa			
						Tanzania			
						Zimbabwe			
						Angola			
						Botswana			
						China			
						Lesotho			
						Malawi			
						Namibia			
						Swaziland			
						Uganda			
						Mozambique			
						Congo			

Country (Participant Location)		Invited Country (Inside of the Region)		Invited Country (Outside of the Region)	
Course Title	Times (Total)	Participants	Cooperation Period	Antigua	Bahamas
		Invited Countries		Barbados	Belize
		Implementing Country		Costa Rica	Cuba
		Total		Dominican Republic	El Salvador
				Grenada	Guatemala
				Haiti	Honduras
				Jamaica	Mexico
				Nicaragua	Panama
				St. Christopher & Nevis	St. Lucia
				St. Vincent & the Grenadines	Trinidad and Tobago
				Argentina	Bolivia
				Brazil	Chile
				Colombia	Ecuador
				Guyana	Paraguay
				Peru	Suriname
				Uruguay	Venezuela
3	Outboard Motor Maintenance and Repairing	16	98-02	●	
4	International Training Course on Productivity and Quality Management	36	97-01	●	
2	Primer Curso Internacional de Capacitación Sobre las Condiciones de Vida en Las Carceles Y Sus Programas	20	99-03	●	
5	Electronics Control for Teachers	11	96-00	●	
5	Shipping and Port Management	17	96-00	●	
4	International Training Course on Integrated Production of Educational Television Programmes	12	97-01	●	
4	Earthquake-Resistant Design and Construction of Structures	20	97-01	●	
2	International Training Course on Reproductive Health	16	99-03	●	

LATIN AMERICAN REGION		Invited Country (Inside of the Region)		Invited Country (Outside of the Region)	
Implementing Country	Times (Total)	Course Title	Participants		Cooperation Period
			Invited Countries	Country Total	
Peru	1	Disaster Prevention and Environmental Conservation of Sustainable Development	20	8 28	00-04
Chile	4	Optical Fiber Transmission System	13	2 15	97-01
	3	Molluscan Aquaculture Engineering	16	4 20	98-02
	2	Integral Management of Watershed with Emphasis on Soil and Water Conservation	15	5 20	99-03
			Antigua		
			Bahamas		
			Barbados		
			Belize		
			Costa Rica		
			Cuba		
			Dominica		
			Dominican Republic		
			El Salvador		
			Granada		
			Guatemala		
			Haiti		
			Honduras		
			Jamaica		
			Mexico		
			Nicaragua		
			Panama		
			St. Christopher & Nevis		
			St. Lucia		
			St. Vincent & the Grenadines		
			Trinidad and Tobago		
			Argentina		
			Bolivia		
			Brazil		
			Chile		
			Colombia		
			Ecuador		
			Guyana		
			Paraguay		
			Peru		
			Suriname		
			Uruguay		
			Venezuela		
			Angola		
			Cabo Verde		
			Guinea Bissau		
			Mozambique		
			Sao Tome e Principe		

MIDDLE EAST/EUROPE REGION

4. The Outline of Scheduled Courses in JFY 2000

■ INDONESIA ■

Title: International Advanced Course on Integrated Technology for Housing Planning

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from Asian and Pacific Countries with an opportunity of refreshing and improving relevant techniques and knowledge in the field of integrated technology for housing planning
Course Contents:	Housing development program in Indonesia; Planning of housing area; Housing environment planning; Housing finance system; Housing demand and supply; Community based low-cost housing; Gender sensitive planning; Housing planning technique; Housing planning method applied in Indonesia; Role of public sector in housing development; Role of private sector in housing development; Redevelopment of housing area; Introduction to the Research Institute for Human Settlements (RIHS) and observation of facilities; Building safety planning; Building materials; Water supply system; Drainage system, Domestic waste disposal system; Solid waste disposal waste; Infrastructure for housing; Yogyakarta cultural heritage; Conservation project; Housing and urban planning in Surabaya; Kampung improvement project; Balinese traditional housing; Introduction to workshop and case study on local settlement; Housing policy and condition in Japan; Comparison of housing problems in developing countries and Japan; etc.
Invited Country(s):	Bangladesh; Cambodia; China; Fiji; India; Laos; Malaysia; Nepal; Pakistan; Papua New Guinea; Philippines; Sri Lanka; Thailand; Viet Nam; Samoa
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 4 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates or to have equivalent academic background; (3) To be engaged in housing policy and housing planning; (4) To have practical experience of more than five years in the field; (5) To have a good command of spoken and written English; (6) To be a citizen of the nominating country; (7) To be in good health, both physically and mentally, to complete the course; (8) To be preferably under 45 years of age
Language of Instruction:	English
Training Institution(s):	Research Institute for Human Settlements Technology, Ministry of Settlements and Regional Infrastructure

Title: TV Programme Production and Management

Cooperation Period:	JFY 1997–2001
Purpose:	(1) To provide the participants with an opportunity of refreshing and improving relevant knowledge and know-how in the field of programme production and cost/scheduling management; (2) To provide an opportunity for the participants to exchange ideas, information and experience among themselves
Course Contents:	(1) Lecture and theory — Study on Indonesia TV drama; Point to discussion; Country report; Project management for TV drama; Essential stage of pre-production planning and general understanding of Standard Operation Procedure; Budget estimates and budget control; The production board and shooting schedules; Story and script development technique; Continuity breakdowns and further technical analysis of story and shooting script; Managerial supervision of TV drama series produced by external production companies for TV station; Exchange of expertise about planning and management of TV drama production by the course participants; Introduction to TV production of Japan; Production technique for TV drama; (2) Simulation practice — Budget planning; Preparing shooting schedules; Preparing management reports; Preparing continuity for shooting individual scenes; Production Practice; Post-Production
Invited Country(s):	Bangladesh; Cambodia; China; Laos; Malaysia; Pakistan; Philippines; Sri Lanka; Thailand; Viet Nam
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 3 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have practical experience of more than three years in broadcasting activities; (3) To have experience as at least an assistant director, or the equivalent; (4) To be able to bring a vide of the programme or the equivalent which was made in their station, and to be able to make presentation about process of making the programme; (5) To be under 45 years of age in principle; (6) To have a sufficient command of spoken and written English; (7) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Multi Media Training Centre, Department of Information (MMTC)

Title: Roles of Media in Family Planning/Reproductive Health Information, Education and Communication Program

Cooperation Period:	JFY 1998–2002
Purpose:	(1) To provide participants from Asia, the Pacific and African countries with an opportunity to update and upgrade their knowledge on roles of media in family planning-reproductive health information, education and communication program; (2) To acquire basic skills in desktop publishing and desktop presentation techniques
Course Contents:	(1) Power of AV presentation and production procedure; (2) Exploring DTPR software; (3) Scanning demonstration; (4) Clip art; (5) Production plan; (6) Production DTPR; (7) Leaflet sound slide presentation; (8) Field visit; (9) Workshop
Invited Country(s):	1998: Bangladesh, China, Laos, Mongolia, Philippines, Nepal, Papua New Guinea, Ethiopia, Kenya; 1999: Sri Lanka, Cambodia, China, Viet Nam, India, Pakistan, Philippines, South Africa, Zimbabwe; 2000: Bangladesh, Sri Lanka, Cambodia, Laos, Myanmar, Nepal, Papua New Guinea, Tanzania, Egypt; 2001: China, India, Viet Nam, Mongolia, Myanmar, Pakistan, Bhutan, South Africa, Kenya; 2002: Bangladesh, Sri Lanka, Cambodia, India, Laos, Papua New Guinea, Viet Nam, Bhutan, Zimbabwe, Egypt
Number of Participants:	Each fiscal year, 9 countries will be invited, and the total number of participants per course should not exceed 18 in total. Each country should nominate participants in pair (i.e. two per country).
Qualification of Applicants:	(1) To be nominated by their respective governments in accordance with the procedure, (2) To be mid-level managers of government's family planning institutions/organizations who work for information, education and communication program including media production such as video and printed materials, (3) To have a good knowledge of and make use of modern computers, to be able to operate word processing and other programs at ease, a basic knowledge of at least one desktop publishing and desktop presentation program, (4) To have good command of spoken and written English; (5) To be in good health, both physically and mentally to enable them to complete the course; (6) Not to be serving in the military
Language of Instruction	English
Training Institution(s)	National Family Planning Coordinating Boards (BKKBN)

Title: International Training Course on Electronic Engineering Education

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from Asian countries with an opportunity to improve their knowledge and techniques in the field of electronic engineering
Course Contents:	(1) Computer networking; (2) Basic communication; (3) Engineering education methodology on computer communication; (4) Electromagnetic compatibility; (5) Basic interfacing to PC; (6) Trend of communication services; (7) Computer language; (8) Spread spectrum; (9) Data communication; (10) TCP/IP; (11) Internet technology; (12) Network installation
Invited Country(s):	Bangladesh; Laos; Malaysia; Nepal; Pakistan; Philippines; Sri Lanka; Thailand; Viet Nam
Number of Participants:	Should not exceed 12 in total from the invited countries, and not exceed 3 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be presently engaged in laboratory works in the field of electronic engineering tertiary education; (3) To have practical experience of more than three years in the field of electronic engineering education; (4) To be graduates from Polytechnic, Technical College or equivalent (to have minimum 14 years in formal education), (5) To be under 35 years of age in principle (6) To have a good command of spoken and written English; (7) To be in good health, both physically and mentally, in order to complete the course; (8) Not to be serving in the military
Language of Instruction:	English
Training Institution(s):	The Electronic Engineering Polytechnic Institute Surabaya (EEPIS)

Title: International Training Course on Sabo Engineering and Water Induced Disaster Countermeasures

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from Asian and Pacific countries with an opportunity to improve their knowledge and techniques in the field of Sabo engineering and water induced disaster countermeasures and thus to contribute to finding way to solve manifold problems related to Sabo engineering and water induced disaster countermeasures in compliance with the specific features of each country

■ INDONESIA ■

Course Contents:	(1) Government policy on erosion control and disaster prevention works; (2) Sabo plan; (3) Survey and design for Sabo structures; (4) Sabo works and water induced disaster countermeasures; (5) Sabo implementation; (6) Sediment transport on steep slope and debris flow; (7) Sabo works in Japan; (8) Flood control; (9) Land conservation and reforestation; (10) Sedimentation in reservoir and its control; (11) Landslide experiment, etc.
Invited Country(s).	Pakistan; Nepal, Bangladesh; Sri Lanka; China; Thailand; Viet Nam; Cambodia; Laos; Malaysia; Philippines; Papua New Guinea; Tonga; Samoa; Fiji
Number of Participants:	Should not exceed 10 in total and not exceed 5 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective government; (2) To be presently engaged in or conducting erosion and sediment control engineering (Sabo engineering) and water induced disaster countermeasures; (3) To have practical experience of more than two years in the field concerned; (4) To be university graduates or to have the equivalent academic background; (5) To be under 40 years of age; (6) To have a good command of spoken and written English; (7) To be in good health, both physically and mentally, in order to complete the course; (8) As the schedule of this course includes much field works (trips) that would be too demanding for pregnant women, pregnancy is regarded as a disqualifying condition for participation in this training course; (9) Not to be serving in the military
Language of Instruction:	English
Training Institution(s).	Sabo Technical Center (STC)

Title: Sustainable Structural Safety Design for Building Engineers

Cooperation Period:	JFY 1999–2003
Purpose:	To help promote through this training course development of safe urban and architectural stocks in the Asia-Pacific countries, in neighboring countries in particular
Course Contents:	<u>Purpose of training:</u> Many of Southeast Asian and Pacific countries are situated on seismic belts and therefore frequently suffer from earthquakes. This third country training will provide the trainees from the Asia-Pacific countries with opportunities for improving their technologies and knowledge on safety design for hazard prevention associated with earthquakes and fires and post-construction maintenance and also opportunities for exchanging information and opinions among the trainees. <u>Goal of training:</u> The goal of the training is to improve the trainees' technologies and knowledge in the following fields throughout the entire course of the training: (1) construction standards; (2) hazard prevention technology; (3) structures of and foundations for high-rise buildings; (4) design of earthquake-resistant and fire-resistant buildings; (5) laboratory experiments and testing technologies; (6) post-construction assessment of building; and (7) restoration and repairing of buildings. <u>Contents:</u> The following activities are included in the training course to help improve trainees' abilities: orientations, lectures on the structural safety, surveys on the real conditions, structural experiments, group discussions, country reports, and study tours.
Invited Country(s):	Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; China; Bangladesh; India; Nepal; Pakistan; Sri Lanka; Fiji; Papua New Guinea; Samoa
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 4 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be college graduates or university graduates or to have equivalent qualifications; (3) To have a minimum of five-year practical experience in the concerned field; (4) To have a good command of spoken and written English; (5) To be nationals of the invited countries; (6) To be mentally and physically healthy, and preferable younger than 45 years old; (7) Not to be pregnant
Language of Instruction:	English
Training Institution(s):	Research Institute for Human Settlement Technology, Ministry of Settlement and Regional Infrastructure

Title: Quality Assurance of Live Attenuated Polio & Measles Vaccine

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants with necessary knowledge and appropriate technique on quality control of live viral vaccine (mainly polio and measles) and to contribute in decreasing of polio and measles cases
Course Contents:	(1) Theory — Introduction; Documentation system; Specification; ID labeling; Date collection; Record keeping, Incident report; Change control; Implementation of a QA system; Control of biological starting materials; Basic laboratory techniques on cell culture; Control of live viral vaccine and immunization, etc.; (2) Practice — Sterility testing; Potency & stability testing for OPV; Polio serum neutralization test; Potency & stability testing for measles; Neutralization test; Hemagglutination inhibition testing
Invited Country(s):	Viet Nam; Thailand; Philippines; Malaysia; China; Myanmar; Turkey; Pakistan; Nepal; India; Sri Lanka

Number of Participants:	Should not exceed 8 in total from the invited countries and not exceed 2 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be engaged in quality control of polio or measles vaccine at the national control authority or relevant function agency in respective Governments; (3) To have practical experience of more than three years in the field; (4) To be under 45 years of age in principle; (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, in order to complete the course; (7) Not to be serving in the military
Language of Instruction:	English
Training Institution(s):	PT. Bio Ferma (Persero)

Title: Agricultural Engineering and Technology in the Developing Countries

Cooperation Period:	JFY 1998–2002
Purpose:	To accommodate the need for exchanging experiences in the field of agriculture, especially in agricultural engineering and technology among the participating countries
Course Contents:	(1) Presentation of country report; (2) Agricultural policy and development in Indonesia; (3) Appropriate technology for developing countries-experiences in Indonesia; (3) Field visit
Invited Country(s):	Botswana, Ethiopia; Ghana; Kenya; Lesotho; Malawi; Namibia; South Africa; Swaziland; Tanzania; Uganda; Zambia; Zimbabwe
Number of Participants:	Should not exceed 15 in total from the invited countries
Qualification of Applicants:	[1998] (1) To be nominated by their respective governments; (2) To be senior officials (Government Officers, Faculty Deans, Heads of Agricultural Research Institutes) who are familiar with agricultural engineering and/or technology, and are in charge of "policy making" or "program planning/implementation" in agricultural sector; (3) To be under 55 years of age in principle; (4) To have a sufficient command of spoken and written English; (5) To be in good health, both physically and mentally, in order to complete the course [1999–2002] (1) To be nominated by their respective governments; (2) To be middle-class engineers in agricultural research institute or universities; (3) To be university graduates and above; (4) To have practical experience of more than three years in the field of agricultural engineering or agricultural technology in principle; (5) To be between 30 and 55 years of age in principle; (6) To have a sufficient command of spoken and written English; (7) To be in good health, both physically and mentally, in order to complete the course
Language of Instruction:	English
Training Institution(s):	The Bogor Agricultural University (Institut Pertanian Bogor: IPB)

Title: Telecommunication Outside Plant Construction Supervisory

Cooperation Period:	JFY 1998–2002
Purpose:	(1) To bring up versatile supervisors, who will be able to contribute to the huge expansion of high quality network by their proper instruction to constructors in the technical and managerial point of view; (2) To study or exchange information about the solution of problems, (3) To bring up instructors who will be able to teach technology concerning the outside plant construction
Course Contents:	(1) Basic technology — Outline of telecommunication network; Metallic and optical fiber cable transmission theory; Aerial cable structural dynamics; (2) OPS engineering — Safety work management; Metallic and optic fiber cable design and construction method; Metallic and optic fiber cable final test measurement; Aerial cable structural dynamics; Civil design and construction method; (3) Supervisory management — Outline of supervisor's job; OSP maintenance management; Construction progress management; Inspection method
Invited Country(s):	Bhutan; Cambodia; China; Laos; Maldives; Mongolia; Nepal; Pakistan; Philippines; Sri Lanka; Thailand; Fiji; Marshall Island; Micronesia; Papua New Guinea; Samoa; Ethiopia; Kenya; Malawi; Tanzania; Zimbabwe; Egypt; Jordan; Syria
Number of Participants:	Should not exceed 15 in total from the invited countries and not exceed 3 from Indonesia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have the educational background over high school; (3) To have over three years experience in the field of telecommunication outside plant engineering and construction; (4) To be preferably in age between 25 and approximately 40 years old; (5) To have the language ability of good oral and written command of English; (6) To be in good health, both physically and mentally, to complete the course; (7) Not to be serving in the military; (8) Not to be pregnant (As this course includes much field work that would be too demanding for pregnant women.)
Language of Instruction:	English
Training Institution(s):	Education and Training Center of PT. TELEKOMUNIKASI INDONESIA (DIVLAT PT. TELECOM)

■ MALAYSIA ■

Title: ASEAN Course in Specialized Diagnostic Techniques on Poultry Diseases

Cooperation Period:	JFY 1996–2000
Purpose:	(1) To provide an avenue for the exchange of information and discussion in the pathological diagnoses of poultry diseases; (2) To merge field experience with laboratory diagnosis and seeks to contribute further to the control of diseases in livestock
Course Contents:	Tour of APDRTC; Plenary paper (Japanese expert/Malaysian); Scientific reports by participants; Field trip; Technical papers on diagnostic techniques
Invited Country(s):	Indonesia; Philippines, Thailand; Cambodia, Viet Nam
Number of Participants:	Should not exceed 10 in total from the invited countries and not exceed 4 from Malaysia
Qualification of Applicants:	(1) To be official veterinarians or livestock scientists with university qualifications nominated by their respective Governments; (2) To have working experience in diseases of livestock; (3) To have a good command of spoken and written English; (4) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	ASEAN Poultry Disease Research and Training Centre (APDRTC), Veterinary Research Institute

Title: PFP/APEC Course on Standards and Conformity Assessment Schemes

Cooperation Period:	JFY 1996–2000
Purpose:	To contribute to the development of industry and the liberalization and facilitation of trade and investment within APEC by providing the knowledge needed to establish and rationalize standards and conformity assessment schemes, and thus developing human resources on the administrative side which are responsible for these areas
Course Contents:	[Topics] Rules on establishment of standards and enforcement of rules; Promotion of conformance with international standards; Enactment of standards under WTO/TBT agreements; Methods of setting national standards based on international guidelines; Conformance assessment system; Actual system certification; Implementation of alignment; Implementation of conformance assessment system; Study visit to relevant Malaysian organizations or industries
Invited Country(s):	The Governments of the APEC member economies will nominate applicant(s) for the course. The Government of Japan will financially support participants from APEC member economies classified under Part I of the DAC List of AID Recipients. These will include Chile, China, Indonesia, Malaysia, Mexico, Papua New Guinea, Philippines and Thailand.
Number of Participants:	Approximately 3 persons per a member economy may participate as trainees. If requested, the participation of more than 3 persons from a member economy may be considered depending on overall capacity.
Qualification of Applicants:	(1) To be mid-level administrative officials of agencies or relevant standardization bodies in APEC member economies responsible for standards and conformance matters; (2) To have a good command of spoken and written English; (3) To be citizens of nominating economies; (4) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Standard and Industrial Research Institute of Malaysia (SIRIM)

Title: International Seminar on Biotechnological Techniques in Tropical Medicine

Cooperation Period:	JFY 1998–2000
Purpose:	To provide the participants from countries of the Asian and Pacific region with more advanced knowledge and expertise on specific biotechnological techniques in the field of tropical medicine
Course Contents:	(1) Isolation of total RNA; (2) Isolation of mRNA; (3) Construction of cDNA libraries; (4) Plating and screening of cDNA libraries; (5) Expression of fusion proteins; (6) Purification of fusion proteins; (7) Fusion protein based ELISA; (8) Review of course and group evaluation
Invited Country(s):	Bangladesh; Cambodia; China; Fiji; Indonesia; Kiribati; Laos; Maldives; Nauru; Nepal; Pakistan; Papua New Guinea; Philippines; Solomon Island; Sri Lanka; Thailand; Tonga; Vanuatu; Viet Nam; Samoa
Number of Participants:	Should not exceed 8 in total from the invited countries and not exceed 4 from Malaysia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have at least a B.Sc. degree in biological science or medical degree; (3) To have practical experience of more than five years in the field related to the course; (4) To be between 26 to 45 years of age; (5) To have a good command of

spoken and written English; (6) To be in good health, both physically and mentally in order to complete the course

Language of Instruction: English

Training Institution(s): Institute for Medical Research (IMR)

Title: International Course on the Promotion of Healthy Environments in Urban Areas

Cooperation Period: JFY 1998–2000

Purpose: To provide the participants from countries of the Asian and Pacific region with an opportunity to improve their knowledge and capability in the field of urban public health development, and the associated planning and management of physical and social environments of urban dwellers

Course Contents: (1) Introduction to Malaysian approaches to urban environmental assessment management, (2) Methodologies for urban air quality management and noise pollution control / water supply, sanitation and water quality management / solid and hazardous waste management / assessment and management of social issues; (3) Preparedness for and response to urban disasters, accidents, epidemics, emergencies, (4) Site visit

Invited Country(s): Bangladesh; Bhutan, Cambodia; China; Fiji; India; Indonesia; Laos; Mongolia; Myanmar; Nepal; Pakistan; Philippines; Papua New Guinea; Sri Lanka; Thailand; Viet Nam

Number of Participants: Should not exceed 15 in total from invited countries and not exceed 5 from Malaysia

Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be presently engaged, or expected to be engaged in the future preferably in public health or urban planning programs, (3) To have practical experience of more than five years in public health of urban planning, (4) To be under 45 years of age; (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course

Language of Instruction: English

Training Institution(s): The National Institute of Public Administration (INTAN)

Title: Engine Electrical and Electronic System Services

Cooperation Period: JFY 1999–2003

Purpose: To let the trainees from the Asia-Pacific countries learn advanced technologies and acquire skills in the field of automotive electrical equipment

Course Contents: (1) Understanding of effective and efficient ignition mechanism of automotive engines; (2) Understanding of easy-to-maintain power generating system for ignition

Invited Country(s): Myanmar; Mauritius; Nauru; Vanuatu; Seychelles

Number of Participants: Should not exceed 12 in total from the invited countries and not exceed 2 from Malaysia

Qualification of Applicants: (1) To be nominated by their respective governments, (2) To have a minimum of five-year practical experience in the concerned field; (3) To be between 28 and 45 years old; (4) To have a good command of spoken and written English; (5) To be mentally and physically healthy

Language of Instruction: English

Training Institution(s): Center for Instructor and Advanced Skill Training (CIAST)

■ PHILIPPINES ■

Title: Improvement of Occupational Safety and Health in Small and Medium-sized Enterprises

Cooperation Period	JFY 1996–2000
Purpose:	To provide the participants from Asian countries with an opportunity to upgrade their knowledge and techniques to improve occupational safety and health in small and medium-sized enterprises and contribute to the national occupational safety and health conditions in their respective countries
Course Contents:	Ergonomics; Materials storage and handling; Problem solving methods; Safety & health activities; Safety inspection of workplaces; Chemicals in the workplace control of hazardous substances; Control of noise and vibration; Welfare facilities; Occupational health in small and medium enterprises; Interpersonal skills development; Productivity concept and measurements; Skill development in photography; Preparation for microteaching; Introduction to activities of national plan of action
Invited Country(s):	Indonesia; Malaysia; Thailand; Viet Nam; China; Bangladesh; India; Pakistan; Sri Lanka
Number of Participants:	A total of 18 participants from invited countries are expected to attend the Course. 2 participants from the Philippines will be invited.
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) a) For government participant: To hold a senior level position, preferably labor inspector or technical official; b) For industry participant: To be a reputable and accredited safety and health practitioner with direct and active involvement in the occupational safety and health activities of their company/organization; c) For workers' union participants: To be a safety and health practitioner with direct and active involvement in the occupational safety and health activities of their company/organization; (3) To preferably be a trainer or have experience in training/facilitating in occupational safety and health or related fields; (4) To have practical experience of more than two years in the field of occupational safety and health; (5) To be more than 25 and under 50 years of age; (6) To have a good command of spoken and written English; (7) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s)	Occupational Safety and Health Center (OSHC)

Title: Laboratory Diagnosis of HIV Infection and Opportunistic Infections in AIDS

Cooperation Period:	JFY 1997–2001
Purpose:	To provide opportunities for health care providers to enhance their knowledge and develop their technical skills in the diagnosis of HIV infection, and opportunistic infections in AIDS as well as strengthen international partnership among the Participants
Course Contents:	(1) Nature of HIV infection; (2) Epidemiology; (3) Counselling; (4) AIDS-related issues; (5) Laboratory methods — Screening tests; Supplemental tests; Nucleic acid-based tests; (6) Cost-effective approaches; (7) Infection control; (8) Overview of opportunistic infections; (9) Etiology and laboratory procedures for the diagnosis of opportunistic infections — Bacteriology; Virology; Parasitic; Histopathology, Others
Invited Country(s):	Bangladesh; Cambodia, Fiji; India; Indonesia; Laos; Malaysia; Nepal; Papua New Guinea; China; Korea; Solomon Island; Sri Lanka, Thailand; Tonga; Samoa; Vanuatu; Viet Nam; Pakistan; Myanmar
Number of Participants:	Should not exceed 15 in total
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have at least a B.Sc. degree in medical technology or its equivalent, M.D. or related profession; (3) To have work experience of at least two years in clinical microbiology and/or HIV laboratory; (4) To be involved in health research, training, management or diagnostic services and will continue to be engaged in the same activities after the completion of the course; (5) To be under 40 years of age; (6) To have a sufficient command of spoken and written English; (7) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Research Institute for Tropical Medicine (RITM)

Title: Executives Forum on Urban Environment and Transport Development Management (EXETRAM)

Cooperation Period:	JFY 1998–2002
Purpose:	(1) To provide the participants from the Asia-Pacific countries an opportunity to have a deeper understanding of the influence of transportation problems on the urban environment; (2) To enhance to their knowledge and skills about what transportation development management ought to be in order to improve the urban environment; (3) To strengthen international participants in solving urban environment problems as a common agenda of developing countries among the participants
Course Contents:	(1) Transportation policy planning; (2) Transportation project management and evaluation; (3) Skills in environmental impact assessment and monitoring; (4) Project development cycle

Invited Country(s):	Bangladesh; Cambodia; India; China; Indonesia; Laos; Malaysia; Nepal; Pakistan; Papua New Guinea; Sri Lanka; Thailand; Viet Nam
Number of Participants:	Should not exceed 20 in total from the invited countries and not exceed 4 from the Philippines
Qualification of Applicants:	(1) To be nominated by their respective government; (2) To be more than 30 years of age; (3) To be university graduates; (4) To have practical experience of more than five years in the field of transportation; (5) To have working knowledge of English and to be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	National Center for Transportation Studies (NCTS), University of the Philippines (UP)

Title: Advanced Telecommunications Outside Plant Technology (Fiber Optics)

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from Asia-Pacific countries with an opportunity to upgrade their knowledge and techniques in the field of advanced telecommunications outside plant engineering focusing on optic fiber cable network technology
Course Contents:	(1) Optical fiber fundamentals; (2) Fiber optic design and engineering; (3) Premises network design; (4) Fiber to the customer; (5) Aerial and underground fiber optic cable placing; (6) Splicing maintenance and testing; (7) Fiber optics cable; (8) Optical fiber connectors; (9) Distribution hardware (field observation)
Invited Country(s):	Bangladesh; Cambodia; Fiji; China; India; Iran; Maldives; Nepal; Papua New Guinea; Pakistan; Sri Lanka; Laos; Viet Nam
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 3 from the Philippines
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be telecommunication engineers or technical managers; (3) To be technical university graduates or equivalent with practical experience of more than three years in the field of telecommunications outside plant, (4) To be under 45 years of age; (5) Not to be serving for military; (6) To have a good command of English; (7) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Telecommunications Training Institute (TTI)

Title: Responsible Aquaculture Development

Cooperation Period:	JFY 1999–2003
Purpose:	To promote sustainable aquaculture
Course Contents:	(1) Coastal aquaculture; (2) Coastal resource management; (3) Fish farming systems
Invited Country(s):	Indonesia; Cambodia; China; Bangladesh; India; Pakistan; Sri Lanka; Myanmar; Tanzania; South Africa; Kenya; Mozambique; Nigeria
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 2 from the Philippines
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be under 45 years of age; (3) To be engaged in aquaculture extension or research work; (4) To have a minimum of two-year practical experience in the concerned fields; (5) Not to be enlisted in armed forces; (6) To have a good command of spoken and written English; (7) To be mentally and physically healthy
Language of Instruction:	English
Training Institution(s):	SEAFDEC

Title: Mainstreaming Gender and Development Perspectives in Technical Vocational Education and Training

Cooperation Period:	JFY 1999–2003
Purpose:	To develop knowledge and skills in mainstreaming gender and development perspectives in Technical Vocational Education and Training (TVET) among the ASEAN member countries and provide forum sharing and learning from each others experiences in the field of gender based TVET planning, delivery, monitoring and evaluation system
Course Contents:	(1) Concept and principle of gender in development; (2) Gender's impact on technical and social changes through vocational training; (3) Method for development of vocational training program considering gender; (4) Methods for monitoring and evaluation of vocational training programs con-

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	sidering gender; (5) Action plans for policy makers and vocational training managers considering the importance of the issue of gender in vocational training
Invited Country(s):	Indonesia; Brunet; Malaysia; Singapore; Thailand; Cambodia; Laos; Viet Nam
Number of Participants:	Limited to 2 per country: One (1) from the TVET sector and one (1) from the National Machinery for GADIWID, at least one of whom shall be female
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be engaged in vocational training or in gender research, (3) To have a minimum of five-year practical experience in the concerned fields; (4) To be totally responsible in the concerned field, (5) Not to be enlisted in armed forces; (6) To have a good command of spoken and written English; (7) To be mentally and physically healthy
Language of Instruction:	English
Training Institution(s):	Technical Education and Skills Development Authority (TESDA)

Title: Technology Applications in Education: Teachers and Teacher Trainers

Cooperation Period	JFY 1999–2003
Purpose	To promote education in the SEAMEO region
Course Contents	To lectures and to provide opportunities for discussions and practices on the following themes: (1) Appropriate education technologies for development of teachers in the Southeast Asian countries; (2) Formulation of models for training of teachers; (3) Development of teaching materials for students and pupils by teachers, (4) Social and cultural characteristics to be minded in the development of teaching materials; (5) Technologies to prepare printed teaching materials; (6) Technologies to prepare audio-visual teaching materials; (7) Preparation of teaching materials by means of computers; (8) Workshops for teaching material preparation; (9) Presentation and evaluation
Invited Country(s)	Brunet; Indonesia; Malaysia; Singapore; Thailand; Cambodia; Laos; Viet Nam; Myanmar; China; Fiji
Number of Participants	Should not exceed 20 in total from the invited countries and not exceed 2 from the Philippines
Qualification of Applicants	(1) To belong to the Department of Education or to education and training organization and to be actually engaged in teaching and training; (2) To be a maximum of 40 years old; (3) To be university or college graduates or to have equivalent scholastic ability; (4) To be in a position to utilize the technologies acquired in this course in education and training of teachers in their respective home countries; (5) To have a sufficient command of English to be able to participate in discussions and express themselves
Language of Instruction	English
Training Institution(s)	SEAMEO INNOTECH

Title: Regional Training Orientation Course on the Principles and Practices of Appropriate Technology Development

Cooperation Period:	JFY 2000–2004
Purpose:	To effectively utilize appropriate technologies in the regional level encompassing the Asian countries as tools for development, thereby contributing to the improvement of the techniques and methods used by trainers in development work of Asian NGOs engaged in appropriate technology development
Course Contents:	1st year: Livelihood technologies and micro-enterprise development; 2nd year: Technology on water supply and environmental sanitation; 3rd year: Alternative housing technologies and sustainable cities; 4th year: Organic farming technologies and healthy lifestyles; 5th year: Green health technologies (plant-based cosmetics, herbal medicines, nutritional and functional foods, organic agriculture)
Invited Country(s):	Indonesia; Malaysia; Thailand; Cambodia; Laos; Viet Nam; Myanmar; China; Mongolia; Bhutan; Bangladesh; India; Maldives; Nepal; Pakistan; Sri Lanka; Kirgiz
Number of Participants:	Should not exceed 25 in total from the invited countries and not exceed 4 from the Philippines
Qualification of Applicants:	(1) To be a citizen of the invited countries; (2) To have a minimum of four-year practical experience in food processing and paper making; (3) To be a livelihood technology trainer; (4) To be between 25 and 55 years old; (5) To have a good command of spoken and written English; (6) To be healthy to complete a month-long training; (7) To have a comprehensive plan of how to apply the technologies learned after the training to alleviate poverty by training the poor in food processing as well as to have management support in its implementation
Language of Instruction:	English
Training Institution(s):	APPROTECH ASIA; Asian Alliance of Appropriate Technology Practitioners

Title: Train-the-Trainers in Tourism Management

Cooperation Period:	JFY 1997–2001
Purpose:	(1) To provide the participants with a sound foundation of the principles of human resource development (principles of adults learning and teaching/training); (2) To equip participants with a practical approach to assessing development needs, developing training programmes and conducting programme evaluation; (3) To introduce to the participants a tool-box of effective training methods. Participants will have designed a training package in their own training area in the hospitality industry using various audio-visual aids. In addition, participants will also be introduced to the potential use of IT and multimedia in the arena of training; (4) To visit Singapore hospitality and tourism operations and engage in dialogues with the host companies on training and development issues
Course Contents:	(1) Introduction to learning theories; (2) Adult learner; (3) Experiential learning programme; (4) Training needs analysis; (5) Course design; (6) Course development; (7) Training methods; (8) Presentation skills; (9) Japanese expertise in tourism management; (10) Using technology for training; (11) Forum on manpower planning & development for the 21st Century; (12) Course evaluation
Invited Country(s):	Cambodia; Fiji; India; Indonesia; Laos; Maldives; Mauritius; Mongolia; Nepal; Pakistan; Sri Lanka; Viet Nam; Myanmar
Number of Participants:	Should not exceed 12 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be mid-career government officials with at least three years of working experience, or in supervisory position in tourism and/or hospitality area; (3) To be above 30 and below 50 years of age; (4) To have a sufficient command of spoken and written English; (5) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Temasek Polytechnic

Title: Aeronautical Information Services

Cooperation Period:	JFY 1997–2001
Purpose:	To provide participants with the knowledge and skills required to function as Aeronautical Information Services Officers
Course Contents:	(1) Functions of an international NOTAM office; (2) Promulgation of NOTAM/Co-ordinated Universal Time (UTC); (3) Screening and processing of in-coming NOTAM; (4) Promulgation of NOTAM checklist; (5) Maintaining in-coming and out-going NOTAM registers; (6) Pre-flight information bulletin; (7) Monthly plain language summary of NOTAM; (8) NOTAM delivery in Japan; (9) Automation of AIS; (10) AIP supplement; (11) AIRAC system; (12) Aeronautical Information Publication (AIP) and its amendments; (13) Description of various sections of AIP; (14) Selection of information required for the preparation of amendments; (15) Maintaining records of aeronautical documents; (16) Pre-flight briefing (documentary and oral presentation), (17) Wall displays and self-briefing boards; (18) Use of Aeronautical Fixed Service (AFS); (19) Aeronautical cartography; (20) Overview of CNS/ATM implementation
Invited Country(s):	Bangladesh; Bhutan; Cook Islands; Fiji; Marshall Islands; Papua New Guinea; Sri Lanka; Vanuatu; Samoa; Laos; Myanmar; Nepal; Solomon Islands; Tonga
Number of Participants:	Should not exceed 12 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be above 25 and below 50 years of age; (3) To be proficient in English; (4) To have more than three years practical experience and/or be in supervisory capacity; (5) To be in good health, both physically and mentally, to complete the course (For health reasons, we advise pregnant female applicants against applying for this course.)
Language of Instruction:	English
Training Institution(s):	Singapore Aviation Academy

Title: Productivity Management for Africa

Cooperation Period:	JFY 1997–2001
Purpose:	(1) To familiarize participants from the Southern African countries with productivity related concepts and relevant skills to quantitatively examine and assess productivity performances at the national, industry/sectorial and organizational level; (2) To learn a linkage between productivity and quality, including an integrated approach towards total quality management
Course Contents:	(1) Understanding productivity concept — Basic concept of productivity; Importance of productivity; Productivity movement and its impact on economy; (2) Productivity measurement & analysis — productivity indicators and its classification; Evaluating productivity performance in the private and

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civil service sectors; Value added concept and its importance; Calculation (method) of value added in both manufacturing and service industries (including exercises); Value added analysis (including exercises); Value added and physical productivity analysis (including exercises), Factors for improving productivity-SS, avoiding wastes, production control, ISO 9000, etc.; (3) Productivity-quality link — Productivity-quality link (concept); Total quality process (TQP) and quality assurance; QC circle movement — experience of QC circle movement in Singapore; (4) Observational study visits; (5) Presentation, discussion and evaluation

Invited Country(s):	Angola; Botswana; Lesotho; Malawi; Mauritius; Mozambique; Namibia; South Africa; Swaziland; Tanzania; Zambia; Zimbabwe; Seychelles; Ghana; Congo
Number of Participants:	Should not exceed 12 in total from the invited countries
Qualification of Applicants:	(1) To be a mid-level officer of a national productivity organization or mid-level government officer in charge of productivity management with at least three years of related work experience; or to be of managerial level from a chamber of commerce with at least three years of related work experience in the field of productivity and quality management and improvement; (2) To be more than 30 years and under 50 years of age; (3) To be proficient in English; (4) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Singapore Productivity and Standards Board (PSB)

Title: International Trade Promotion

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the trainees from the Indo-Chinese countries with opportunities to learn knowledge and to acquire skills needed for promoting international trade, thereby promoting development of this sector of industry
Course Contents:	(1) International business environment; (2) Forecast international markets; (3) Development of export markets, (4) Strengthening of international competitiveness; (5) Presentation skill; (6) Analysis of data on export markets, etc.
Invited Country(s):	Laos; Viet Nam; Cambodia, Myanmar
Number of Participants:	Should not exceed 20 in total from the invited countries
Qualification of Applicants:	(1) To be college or university graduates or persons with equivalent qualifications; (2) To be between 25 and 50 years old; (3) To be in a position to exercise management in official organizations; (4) To have a good command of spoken and written English; (5) To be nominated by their respective governments
Language of Instruction:	English
Training Institution(s):	Nanyang Technological University

Title: Urban Environmental Management

Cooperation Period:	JFY 1999–2003
Purpose:	To provide participants with an opportunity to enhance their capacity development in environmental management in their respective countries
Course Contents:	(1) Lectures — Environmental management; Environmental laws; Air pollution control; Water pollution control, Hazardous and toxic waste management; Sewerage engineering; Solid waste management; (2) Industrial observation — Air pollution control equipment; Air pollution control monitoring stations; Chemical terminal; Licensed waste disposal facilities; Factories with pollution control equipment
Invited Country(s):	Botswana; Fiji; India; Indonesia; Jordan; Lebanon; Morocco; Oman; Palestine; Papua New Guinea; Sri Lanka; South Africa; Tunisia; Viet Nam
Number of Participants:	Should not exceed 20 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be experienced government officials who are involved in environmental management policy development. They should have preferably five years working experience in environmental management field; (3) To be under 50 years of age; (4) To have a good command of spoken and written English; (5) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Centre for Environmental Training (CET)

Title: Management of Productivity and Quality for Small and Medium Enterprises (SMEs)

Cooperation Period:	JFY 1999–2002
Purpose:	To provide participants with an opportunity to enhance their techniques and skills in productivity management and quality improvement with special reference to SMEs.
Course Contents:	(1) Development of SMEs; (2) Management of productivity and quality; (3) Strategic business planning; (4) Measurement and analysis of productivity; (5) Total quality process; (6) Cost of quality; (7) Process mapping; (8) Marketing management; (9) Productivity improvement at shopfloor; (10) Total productivity maintenance; (11) Human resource development; (12) Financial management; (13) Small group activities
Invited Country(s):	Cambodia; Indonesia, Jordan; Laos; Lebanon; Malaysia; Myanmar; Palestine, Philippines; Thailand; Viet Nam
Number of Participants:	Should not exceed 20 in total
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) Mid-level government officials of the National Productivity Organization of mid-level government officials who are currently practicing consultants engaged in SMEs development activities with at least three years working experiences; (3) To be between 25 and 50 years old; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s):	Singapore Productivity and Standards Board (PSB)

Title: Prudential Regulations of the Banking Sector

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the trainees from the ASEAN countries knowledge and skills needed for supervising financial organizations, thereby strengthening ASEAN countries' systems for supervising financial businesses and thus contributing to establishment of healthy financial systems
Course Contents:	(1) Concept of regulations and issues; (2) Regulations on financial markets both domestic and international; (3) Roles of central banks, (4) Japan's financial reform; (5) Financial globalization; (6) Bank supervision; (7) Asian financial crisis
Invited Country(s):	Indonesia; Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; Myanmar
Number of Participants:	Should not exceed 18 in total from the invited countries
Qualification of Applicants:	(1) To be middle-level government officials with a minimum of four-year practical experience in the concerned fields; (2) To have a bachelor's degree or equivalent professional qualifications; (3) To have a good command of spoken and written English and to be mentally and physically healthy; (4) To be between 30 and 50 years old; (5) To be nominated by their respective governments
Language of Instruction:	English
Training Institution(s):	National University of Singapore

Title: APEC-PFP Management Consultancy for Small and Medium Enterprises

Cooperation Period:	JFY 1999–2001
Purpose:	To provide the trainees with opportunities to learn basic knowledge and to acquire skills needed for management consultancy for small- and medium-scale industries, thereby contributing to promotion of small- and medium-scale industries in the APEC region
Course Contents:	(1) Reporting by the trainees on auditing of medium- and small-scale industries in their respective countries; (2) General principles for promotion of medium- and small-scale industries; (3) General principles for productivity management; (4) Corporate strategy; (5) IT technologies required for medium- and small-scale industries; (6) Environmentally compatible productivity; (7) Human resource development; (8) Market management; (9) Financial management; (10) Total quality control (TQC)
Invited Country(s):	The Governments of member economies within APEC will nominate trainee(s) for the course. The Government of Japan will financially support trainees from APEC member economies classified under Part I of the DAC List of Aid Recipient which include: Indonesia; Malaysia; Philippines; Thailand; Viet Nam; China; Papua New Guinea; Mexico; Chile; Peru
Number of Participants:	Should not exceed 30 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) Senior consultants who are engaged in SMEs development activities from public and private organizations, and have at least three years of working experience; (3) To be between 25 and 50 years old; (4) To have a good command of spoken

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	and written English and to be mentally and physically healthy
Language of Instruction:	English
Training Institution(s):	Singapore Productivity and Standards Board (PSB)

Title: APEC-PFP International Business Financing Course

Cooperation Period:	JFY 1999–2001
Purpose:	To provide the trainees with opportunities to learn basic knowledge and skills on practical trade finances, thereby facilitating trade finances through international cooperation in the APEC region
Course Contents:	(1) Trade finance, (2) Long-term capital finance; (3) Operating capital; (4) Risk management — Lectures, case studies and study tours
Invited Country(s):	The Governments of member economies within APEC will nominate trainee(s) for course. The Government of Japan will financially support trainees from APEC member economies classified under Part I of the DAC List of Aid Recipient which include: Indonesia; Malaysia; Philippines; Thailand; Viet Nam; China; Papua New Guinea; Mexico; Chile
Number of Participants:	Should not exceed 30 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments, (2) To have a bachelor's degree or equivalent professional qualifications with a minimum of three-year work experience; (3) To presently belong to departments or agencies concerned with trade, commerce or finance and to work in such fields; (4) To have a good command of spoken and written English and to be mentally and physically healthy
Language of Instruction:	English
Training Institution(s)	Singapore Trade Development Board (TDB)

Title: *Koban* System of Japan and Its Adaptation as the Neighborhood Police Post System in Singapore

Cooperation Period:	JFY 1995–2000
Purpose:	To provide participants with an opportunity to learn about the Japanese <i>Koban</i> System and the NPP System in Singapore and the roles of these in community policing
Course Contents:	[Topics] The origin and concept of the <i>Koban</i> System in Japan; The roles/functions/ activities of <i>Kobans</i> ; Recent development in the concept of <i>Kobans</i> ; Singapore's approach to community policing; The conceptualization of the NPP system; The SPF's experience in modifying the <i>Koban</i> System to meet Singapore's policing needs; The roles/functions/activities of NPPS; The contribution of NPP's to policing. [Visits] SPF Units (Public Affairs Department, Traffic Police Department, Police Coast Guard, Land Division, NPP); NPA (Community safety Bureau, Tokyo Metropolitan Police Dept., <i>Koban</i> , Communication Center)
Invited Country(s):	Indonesia; Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; China; Mongolia; Bangladesh; India; Maldives; Nepal; Sri Lanka; Fiji; Papua New Guinea; Mauritius; Palestine; Belize; Vanuatu
Number of Participants:	Should not exceed 21 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be senior policy-making officials of the rank of Superintendent of police and above, or its civilian equivalent; (3) To be under 50 years of age; (4) To have a good command of spoken and written English; (5) To be able to attend full course in Singapore and Japan; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Singapore Police Force (SPF); National Police Agency Japan (NPA)

Title: Mechatronic Systems Technology

Cooperation Period:	JFY 1995–2000
Purpose:	To provide participants with an opportunity to develop essential application knowledge and skills in the various mechatronic technologies for the manufacturing environment
Course Contents:	[Topics] Overview and definition of mechatronic technology; Mechatronic technology and product development; Applications of mechatronic technology; Designing and manufacturing mechatronic products; CAD-CAM, manufacturing systems and peripherals; Industrial electronics; Robotics and machine vision, Control system and applications; Computer technology; Mechatronic training at Japan-Singapore Institute

Invited Country(s):	Indonesia; Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; China; Mongolia; Bangladesh; Bhutan, India; Maldives; Nepal; Sri Lanka, Fiji; Papua New Guinea; Mauritius
Number of Participants:	Should not exceed 20 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have practical experience of more than three years in the field of electronics or mechanical/manufacturing engineering; (3) To have a good command of spoken and written English; (4) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Nanyang Polytechnic (NYP)

Title: Intelligent Systems for Management Information Systems (MIS) Managers

Cooperation Period:	JFY 1995–2000
Purpose:	To provide participants with an opportunity to acquire knowledge and techniques on intelligent systems
Course Contents:	Introduction to intelligent systems, Development and trends in the use of intelligent systems; Intelligent systems project life cycle; Intelligent systems identification methodology; Managing and participating in intelligent systems projects; Planning and formation of intelligent systems project team; Knowledge acquisition; Conceptualization and structuring of business knowledge; Knowledge representation; selection of intelligent systems tools; Prevailing technologies of intelligent systems; Intelligent system tool and application experience; Application areas of intelligent systems [Workshop] Expert systems; Case-based reasoning; Rule-based system
Invited Country(s):	Indonesia; Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; China; Mongolia; Bangladesh; Bhutan, India; Maldives; Nepal, Sri Lanka; Fiji; Papua New Guinea; Mauritius; Palestine
Number of Participants:	Should not exceed 22 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have more than five years of working experience in information technology; (3) To have practical experience of more than two years in IT management; (4) To be university graduates or to have equivalent academic background in computer science, engineering, science or mathematics; (5) To be under 50 years of age; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Japan-Singapore AI Center (JSAIC)

Title: Products Protection Engineering in Logistics

Cooperation Period:	JFY 2000–2002
Purpose:	To provide the trainees from the Asia-Pacific countries with opportunities to learn knowledge and acquire skills in product protection technologies in logistics, thereby contributing to economic and social development of their countries
Course Contents:	(1) Logistics (outline, planning, roles of packaging); (2) Product protection in logistics; (3) Supply chain model and management; (4) Bar code and exchange of electronic data; (5) Test on product protection in transportation process
Invited Country(s):	Indonesia; Cambodia; Laos; Malaysia; Viet Nam; Myanmar; China; Mongolia; Bhutan; Bangladesh; Nepal; Sri Lanka; Fiji; Papua New Guinea; Korea; Solomon Island
Number of Participants:	Should not exceed 20 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have a minimum of three-year practical experience in the field of packaging; (3) To be younger than 50 years old; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s):	Singapore Productivity and Standards Board (PSB)

Title: HRD in Financial Sector for Asean Countries — Financial Derivatives

Cooperation Period:	JFY 2000–2002
Purpose:	To provide the trainees from the ASEAN countries with opportunities to acquire knowledge and skills in operating financial derivatives products, thereby supporting introduction of new financial technologies needed for financial reconstruction of the ASEAN countries

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Course Contents:	(1) Basic knowledge on financial market; (2) Present status of foreign exchange markets — deregulation and regulation; (3) Trends in financial markets; (4) Derivatives (definition, meanings, effects); (5) Option pricing; (6) Protection against risks by derivatives
Invited Country(s):	Brunei; Indonesia; Malaysia; Philippines; Thailand; Cambodia; Laos; Viet Nam; Myanmar
Number of Participants:	Should not exceed 18 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have a good command of English and to be mentally and physically healthy; (3) To be persons with basic knowledge on financing who are actually working for government organizations, central banks, official and private banks
Language of Instruction:	English
Training Institution(s):	Institute of Banking and Finance

Title: Water Supply Technology

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from countries in the Asia-Pacific region with an opportunity to upgrade relevant techniques and knowledge in the field of water supply technology
Course Contents:	(1) Lecture (NWTTI Bangkok) — Water resources management and facilities; Water treatment; Water quality control; Water distribution system; Process instrumentation; Selection of pump and valve; Underground leakage detection; Productive maintenance concept; Rural water supply system management; Project cycle, Environmental impact assessment; (2) Practice (NWTTI Bangkok) — Mini plant operation and laboratory; Underground leakage detection; Pump operation and control; Process instrumentation; (3) Field study (Regional Training Center [Khon Kaen]) — Slow sand filtration plant; Water meter, PB and PE pipe factories, Trunk main and distribution main installation; Water meter installation; Water treatment plant; Rural water supply system; Water distribution system; Cultural trip; Service station; East water resources development and management; Raw water intake
Invited Country(s):	Cambodia; Indonesia; Malaysia; Philippines; Pakistan; Laos; Viet Nam; Sri Lanka; Bangladesh; Nepal; Papua New Guinea; Bhutan; Fiji, Samoa
Number of Participants:	Should not exceed 18 in total from the invited countries and not exceed 2 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be not over 40 years of age; (3) To be university graduates in engineering or sciences, or to have the equivalent academic background, (4) To have practical experience of more than five years in the field of water supply engineering, management, or planning; (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	National Waterworks Technology and Training Institute (NWTTI)

Title: Regional Training Course on Effective Countermeasures against Drug Offenses and Advancement of Criminal Justice Administration

Cooperation Period:	JFY 1997–2000
Purpose:	To conduct an overall examination and evaluation of the problems of drug production, abuse, trafficking and the handling of the profits, prevention and control of narcotics and mutual legal assistance in Asian countries and the Pacific region with analysis both in theory and fact, as well as the planning of feasible and effective regional solutions
Course Contents:	(1) Actual situation on illicit drug trafficking and effective countermeasures against drug offenses; (2) Subject presented by UNAFEI experts; (3) Implementation of the 1988 UN Convention against illicit traffic in narcotic drugs and psychotropic substances; (4) Mutual legal assistance; (5) Financial investigation; (6) Asset forfeiture; (7) Treatment of drug offenders; (8) Controlled delivery; (9) Precursors and chemical control; (10) International cooperation against drug trafficking
Invited Country(s):	India; Indonesia; Malaysia; Philippines; China; Pakistan; Cambodia; Laos; Viet Nam; Singapore; Sri Lanka; Bangladesh, Nepal, Papua New Guinea; Korea
Number of Participants:	Should not exceed 18 in total from the invited countries and not exceed 2 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be under 50 years of age; (3) To be university graduates, or to have the equivalent academic background; (4) To be presently engaged in judicial administration of drug offenses, or other responsibilities relating to the prevention and control of drug offenses; (5) To have practical experience of more than five years in a related field; (6) To be senior officials; (7) To have a good command of spoken and written English; (8) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Office of the Narcotics Control Board (ONCB)

Title: Diploma Course in Dermatology

Cooperation Period:	JFY 1999–2003
Purpose:	To decrease the cases of dermatalgia in the Asia-Pacific Region and thus contribute to the promotion of health in this region
Course Contents:	(1) JICA dispatches dermatologists for this course to support part of the lecture on basic principle. (2) The lecturers in charge prepared their respective teaching materials until the 6th training course. Since the 7th course, comprehensive textbooks jointly prepared by the Thai and Japanese sides have been employed. (3) On completion of the course, the trainees are interviewed for questions to confirm their aptitude as diplomate.

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Invited Country(s):	Indonesia; Malaysia; Singapore, Cambodia; Laos, Viet Nam; Myanmar; Bhutan; Bangladesh; India; Maldives; Nepal; Pakistan; Sri Lanka; Fiji; Papua New Guinea
Number of Participants	Should not exceed 12 in total from the invited countries and not exceed 4 from Thailand
Qualification of Applicants:	(1) To be medical doctors; (2) To have a minimum of one-year practical experience in the field of dermatalgia treatment; (3) To be younger than 46 years old; (4) To have a good command spoken and written English and to be healthy; (5) To be nominated by their respective governments
Language of Instruction	English
Training Institution(s)	Institute of Dermatology, Ministry of Public Health

Title: Sustainable Highland Agriculture Development

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants with an opportunity to improve their knowledge and techniques on highland agriculture, in order to contribute to the promotion of sustainable highland agriculture development Asian Countries
Course Contents:	(1) General concept of sustainable highland agriculture development; (2) Various aspects of highland development and natural resources management; (3) Field crop production; (4) Horticulture crop production; (5) Post harvest technology; (6) Livestock and crop-livestock production system; (7) Plant protection; Integrated pest management; (8) Agroforestry (Forest farming system); (9) Highland agriculture extension and rural development; (10) Field practices, exercises and excursions; (11) Workshop and course evaluation
Invited Country(s):	Cambodia; Laos; Viet Nam; China; Bhutan; Nepal
Number of Participants:	Should not exceed 18 in total from the invited countries and not exceed 2 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have professional experience of more than five years in highland agriculture development, or in a related field; (3) To be in professional position with tasks related to the subject of the course and through which dissemination of the acquired knowledge can be expected; (4) To be under 45 years of age; (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as a disqualifying condition for participation in the course.); (7) To have a health certificate issued by the authorized physician
Language of Instruction:	English
Training Institution(s):	Chiang Mai University (CMU), Ministry of University Affairs

Title: Irrigation System Management for Sustainable Development

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants with an opportunity to improve their knowledge and techniques on water management from river basin to on-farm, in order to contribute to the improvement of irrigation system management for sustainable development in Asian countries
Course Contents:	(1) General information of irrigation; (2) Water availability and water demand estimation and water delivery planning; (3) Water management technique; (4) Utilization of computer for an efficient water management; (5) Environment aspects in irrigation system management; (6) Discussion on irrigation system management; (7) Field observation
Invited Country(s):	Indonesia; Malaysia; Philippines; Cambodia; Laos; Viet Nam; China; Bangladesh; Bhutan; India; Nepal; Pakistan; Sri Lanka; Malawi
Number of Participants:	Should not exceed 22 in total from the invited countries and not exceed 3 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be under 45 years of age; (3) To be university graduates, or to have the equivalent academic background; (4) To be in charge of irrigation water management; (5) To have practical experience of more than five years in a relative field; (6) To have a good command of spoken and written English; (7) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as a disqualifying condition for participation in the course.); (8) To have a health certificate issued by the authorized physician
Language of Instruction:	English
Training Institution(s):	Royal Irrigation Department (RID)

Title: APEC/PFP Course on Management of Industrial Property Rights

Cooperation Period:	JFY 1996–2000
Purpose:	(1) To establish a deeper understanding of the establishment and management of industrial property rights systems by developing human resources to meet international obligations with respect to industrial rights protection; (2) To promote the administrative automation of application processing and formality examination
Course Contents:	(1) Lecture — Overview of industrial property rights system (focusing on patents and utility models); Design/trademarks system; Outline of the TRIPS Agreement; Current topics such as protection of software-related invention; (2) Case study — TRIPS implementation in industrialized economies; Law reform for TRIPS; TRIPS implementation in industrialized/developing economies; Industrial property rights protection system; (3) Workshop — Automation concept for patent and trademark administration; Outline of design/trademark administration; Latest trends in computer aided techniques; Application database (master file) creation functions; Updating application database; Master file utilization functions
Invited Country(s):	APEC member economies classified under Part I of the DAC List of Aid Recipients (Indonesia; Malaysia; Philippines; China; Korea; Papua New Guinea; Chile; Mexico). APEC member economies progressing to Part II of the DAC List of Aid Recipients in 1996 and 1997 (Brunei; Singapore; Hong Kong; Taipei) are requested to bear their own traveling expenses and other cost deriving from the participation in the course.
Number of Participants:	Should not exceed 24 in total from the invited countries and not exceed 3 from Thailand (Approximately 3 persons per developing member economy may participate. If requested, the participation of more than 3 persons may be considered depending on overall capacity. Participants can opt to participate in both parts of the course, or choose to participate in just one of the two parts.)
Qualification of Applicants:	(1) To be officials of governmental agencies responsible for industrial property rights in APEC member economies; (2) To have a good command of spoken and written English; (3) To be citizens of nominating countries, (4) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as a disqualifying condition for participation in the course.); (5) To have a health certificate issued by the authorized physician
Language of Instruction:	English
Training Institution(s):	Technical & Planning Division, Department of Intellectual Property (DIP), Ministry of Commerce

Title: APEC/PFP Course on Competition Policy

Cooperation Period:	JFY 1996–2000
Purpose:	To develop human resources capable of establishing as well as effectively managing competition policy and law, in order to establish an environment enabling fair and free competition and to contribute to the liberalization and facilitation of trade and investment
Course Contents:	Economic and legal theory of competition policies/laws; Objectives, role and operation of competition policies/laws; International development of competition policy; Economic globalization and competition policies/laws; International development of competition policy / Discussion in international fora; Competition policies/laws from business' viewpoint; International development of competition policy; Development of member economies' competition policies/laws
Invited Country(s):	APEC member economies classified under Part I of the DAC List of Aid Recipients (Indonesia; Malaysia; Philippines; China; Korea; Papua New Guinea; Chile; Mexico). APEC member economies progressing to Part II of the DAC List of Aid Recipients in 1996 and 1997 (Brunei; Singapore; Hong Kong; Taipei) are requested to bear their own traveling expenses and other cost deriving from the participation in the course.
Number of Participants:	Should not exceed 24 in total from the invited countries and not exceed 3 from Thailand (Approximately 3 persons per developing member economy, who are director general level or deputy director general level of agencies responsible for the execution of competition policy in member economies, may participate. If requested, the participation of more than 3 would be considered depending on overall capacity.)
Qualification of Applicants:	(1) To be nominated by their governments (the central agency acting for the requesting government or the national focal point that is assigned by such government to conduct particular purposes); (2) To have a good command of spoken and written in English (In case English is not their countries' official language, the English certificates of candidates should also be submitted for consideration.); (3) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as a disqualifying condition for participation in the course.); (4) To have a health certificate issued by the authorized physician
Language of Instruction:	English
Training Institution(s):	Department of Internal Trade (DIT), Ministry of Commerce

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Title: Diagnostic Technology and Control Measures for Major Livestock Diseases

Cooperation Period:	JFY 1997–2001
Purpose:	(1) To provide the participants an opportunity to improve and strengthen their diagnostic technology and control measures for major livestock infectious diseases, focusing on bovine and swine diseases in order to increase livestock production; (2) To create the better coordination and cooperation for animal disease control measures among Asian countries
Course Contents:	(1) Introduction — General concept of major livestock diseases; Laboratory diagnostic methods; Topic diseases and new technology; Disease control measures; (2) Diagnosis and control measures for three major diseases — Diagnostic methods of major viral, bacterial and parasitic diseases of bovine and swine; a) specimen collection and preparation; b) techniques for antigen detection and identification; c) serological diagnosis; d) introduction to new diagnostic technology; Disease surveillance and control measures; (3) Field trip — Livestock farms and breeding center; Quarantine station; Regional veterinary research and diagnostic center; (4) Discussion and evaluation
Invited Country(s):	Bangladesh; Bhutan; Cambodia; China; Indonesia; Laos; Malaysia; Mongolia; Myanmar; Nepal; Philippines; Sri Lanka; Viet Nam
Number of Participants:	Should not exceed 15 in total from the invited countries and not exceed 3 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be official veterinarians or scientists currently working in the field of animal disease diagnosis at the laboratory level; (3) To have practical experience of more than three years in the said field; (4) To be under 45 years of age, as a rule; (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	National Institute of Animal Health (NIAH), Department of Livestock Development (DLD), Ministry of Agriculture and Cooperatives

Title: Advanced Telecommunications Technology

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from the Asia-Pacific and African countries with an opportunity to upgrade their comprehensive theoretical/practical knowledge and experiences in the field of telecommunications technology with emphasis on the latest technology
Course Contents:	(1) Data communication engineering; (2) Digital signal processing; (3) Information technology; (4) Trunked radio system; (5) Waveform coding; (6) Spread spectrum communication; (7) ISDN technology; (8) Optical fiber network; (9) Phonic communication; (10) Microwave system; (11) Antenna theory; (12) Telephone traffic; (13) International satellite communication; (14) Personal communication network; (15) Digital satellite broadcasting data compression
Invited Country(s):	Bangladesh; Bhutan; Cambodia; China; Fiji; Indonesia; Iran; Laos; Maldives; Mauritius; Malawi; Nepal; Pakistan; Papua New Guinea; Philippines; Solomon Islands; Sri Lanka; Samoa; Vanuatu; Viet Nam; Zambia
Number of Participants:	Should not exceed 22 in total from the invited countries and not exceed 5 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To hold a diploma in science or engineering and/or an associated degree; (3) To have the practical experience of at least five years in the field of telecommunications technology; (4) To be senior engineer or manager level; (5) To be under 45 years of age in principle; (6) To have a good command of spoken and written English; (7) To be in good Health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	King Mongkut's Institute of Technology Ladkrabang (KMITL)

Title: Master's Degree Programme in Primary Health Care Management (M.P.H.M.)

Cooperation Period:	JFY 1998–2002
Purpose:	To develop leadership and enhance knowledge, skills and experience in Primary Health Care (PHC) planning, programming and management among health personnel and other related field.
Course Contents:	(1) Health service management; (2) Epidemiological studies in health systems; (3) Health economics; (4) Socio-economic and cultural perspectives in PHC; (5) Primary health care and quality of life development; (6) Management of health information
Invited Country(s):	Bangladesh; Bhutan; Cambodia; China; India; Indonesia; Laos; Malaysia; Nepal; Pakistan; Papua New Guinea; Philippines; Sri Lanka; Viet Nam

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Number of Participants:	Should not exceed 12 in total from invited countries and not exceed 4 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To hold a M.D., D.D.S., D.V.M. and/or co-medical science degree from an accredited school; (3) To have practical experience at least three years in the field of PHC; (4) To be engaged in PHC; (5) To be under 45 years of age; (6) To have a good command of spoken and written English; (7) To be in good health to complete course
Language of Instruction:	English
Training Institution(s):	ASEAN Institute for Health Development (AIHD), Faculty of Graduate Studies, Mahidol University and Ministry of Public Health

Title: Population and Reproductive Health Research

Cooperation Period:	JFY 1999–2003
Purpose:	To enhance academic level and to develop human resource in the field of population and reproductive health
Course Contents:	(1) General principle of population and reproductive health; (2) Behavioral sociology about AIDS; (3) Statistics on social analysis; (4) Demography; (5) Demographic statistics; (6) Study tours; (7) Methods for social analysis; (8) Reporting by the country reports
Invited Country(s):	Indonesia; Cambodia; Laos, Viet Nam; Myanmar; China; Bhutan; Bangladesh; Nepal; Sri Lanka; Chile; Ethiopia; Uganda; Tanzania; Zambia
Number of Participants:	Should not exceed 14 in total from the invited countries and not exceed 1 from Thailand
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To receive 14 persons from concerned countries and one person from Thailand; (3) To have a bachelor's or higher degree; (4) To have a minimum of three-year professional experience in planning, management and research in the subject field; (5) To be younger than 46 years old; (6) To have a good command of spoken and written English; (7) To be mentally and physically healthy; (8) Not to be enlisted in armed forces
Language of Instruction:	English
Training Institution(s):	Institute of Population and Social Research, Mahidol University

Title: Reforestation and Extension Techniques for Lao Foresters

Cooperation Period:	JFY 1998–2000
Purpose:	To provide the participants from Laos PDR with an opportunity to improve the techniques of reforestation, forest management, extension and the sustainable utilization of forest, in order to contribute to encourage local people's reforestation activities in the context of community development
Course Contents:	(1) Introduction; (2) Lecture on extension techniques; (3) Reforestation techniques; (4) Practice; (5) Field trip; (6) Plan of action; (7) Evaluation
Invited Country(s):	Laos
Number of Participants:	Should not exceed 15 from Laos and not exceed 3 from Thailand
Qualification of Applicants:	(1) To be nominated by the Government of Laos; (2) To be not over 48 years of age; (3) To have practical experience of more than five years in the field of forestry practice; (4) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Thai and Lao
Training Institution(s):	The Royal Forest Department (RFD), the Government of the Kingdom of Thailand

Title: Freshwater Aquaculture

Cooperation Period:	JFY 2000–2004
Purpose:	To strengthen basic knowledge on freshwater aquaculture of those who are engaged in extension and researches of freshwater aquaculture and to transfer technologies to them
Course Contents:	(1) Culture and breeding of fishes and other aquatic lives; (2) Genetics, nutrition and health of fishes; (3) Management of aquafarms and water quality control; (4) Extension and development of aquaculture, marketing, legal matters and international coordination needed for sustainable aquaculture; (5) Field tours
Invited Country(s):	Indonesia; Malaysia; Philippines; Cambodia; Laos; Viet Nam; China; Bangladesh; India; Pakistan; Myanmar; Sri Lanka; Bhutan
Number of Participants:	Should not exceed 11 in total from the invited countries and not exceed 3 from Thailand

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Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be younger than 41 years old; (3) To have a bachelor's or equivalent academic background; (4) To have a minimum of two-year practical experience in aquaculture or related areas (agriculture/forestry); (5) To have a good command of spoken and written English; (6) Mentally and physically fit to be able to complete the training course; (7) Not to be enlisted in armed forces

Language of Instruction: English

Training Institution(s): Department of Fisheries, Ministry of Agriculture and Cooperatives

Title: Meat Processing Technology

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from African and Asian countries with an opportunity to improve their knowledge and techniques in the field of meat processing technology, thereby contributing to a more sustainable development of meat food supply in their respective countries
Course Contents:	(1) Processing technology for Chinese style sausages; (2) Processing technology for Chinese style dry meat products and Smoked/Roast meat products; (3) Processing technology for Chinese style stewed meat in seasonings; (4) Processing technology for Western style ham and roast chicken; (5) Processing technology for Western style sausages; (5) Development and prospect of meat products in Japan; (6) Quality assurance system for processing meat in Japan
Invited Country(s):	Egypt; Ethiopia; Ghana; Kenya; Mauritius; Seychelles; Tanzania; Zambia; Zimbabwe; Uganda; Bangladesh; India; Mongolia; Nepal, Pakistan
Number of Participants:	Should not exceed 10 in total
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be professional school graduates or the equivalent; (3) To be presently engaged in the field of meat processing technology; (4) To be under 50 years of age; (5) To have a sufficient command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course; (7) Not to be serving the in the military
Language of Instruction:	English
Training Institution(s):	CMRC

Title: Information Systems Engineering

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants, from Asian and Pacific countries with an opportunity to improve their knowledge and techniques in the field of Information Systems Engineering
Course Contents:	(1) Software engineering; (2) Database technology; (3) Object oriented design; (4) Visual tools; (5) Client server development, (6) Multimedia and hypermedia characteristics; (7) Multimedia authoring tools, (8) Video, animation and sound processing; (9) Video animation; (10) Publishing on the internet
Invited Country(s):	Bangladesh, Bhutan; India, Maldives; Nepal; Pakistan; Indonesia; Thailand; Papua New Guinea; Fiji; Cook Island; Viet Nam; Cambodia; Laos; Myanmar
Number of Participants:	Should not exceed 15 in total from the invited countries and not exceed 5 from Sri Lanka
Qualification of Applicants:	(1) To be nominated by their respective government; (2) To be presently employed, or expected to be engaged in the future in the field of information systems engineering; (3) To have practical experience of more than three years in Programming Languages and System Designs; (4) To be under 40 years of age, (5) To have a good command of spoken and written English; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Institute of Computer Technology (ICT) of the University of Colombo

Title: Digital Television Broadcast Engineering

Cooperation Period:	JFY 1999–2003
Purpose:	To let the trainees learn maintenance technologies and digital technologies which are changing very rapidly, thereby contributing to improvement of television broadcasting
Course Contents:	Lectures and practices are provided for equipment maintenance technologies and digital technologies. Subject for training: (1) Basic digital technologies; (2) Digital data compression technologies; (3) Digital cameras, (4) Digital VTR; (5) Post production technologies; (6) Digital communication technologies; (7) Digitalization of broadcasting networks
Invited Country(s):	Indonesia; Malaysia; Thailand, Cambodia; Laos; Viet Nam; Myanmar; Bhutan; Bangladesh; India; Maldives; Nepal; Pakistan
Number of Participants:	Should not exceed 8 from Sri Lanka
Qualification of Applicants:	(1) To be younger than 46 years old; (2) To have a minimum of three-year professional experience in the concerned fields; (3) To be a vocational college graduate or equivalent; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s):	Sri Lanka Rupavahini Corporation (SLRC)

Title: Plant Genetic Resources Conservation & Management

Cooperation Period:	JFY 1999–2004
Purpose:	To contribute to conservation and management of plant gene resources
Course Contents:	Basic knowledge needed for conservation and management of plant gene resources. Subject for training: (1) Search, collection, introduction; (2) Preservation of seeds; (3) In-vitro preservation; (4) Evaluation, multiplication and classification; (5) Data management
Invited Country(s):	Cambodia; Laos; Viet Nam; Myanmar; Bhutan; Bangladesh; Nepal; Pakistan
Number of Participants:	Should not exceed 8 from Sri Lanka
Qualification of Applicants:	(1) To be younger than 41 years old; (2) To have a minimum of three-year professional experience; (3) To be a college or university graduate or equivalent; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s):	Plant Genetic Resources Center

Title: Sustainable Use of Coral Reef Fisheries Resources with Special Emphasis on Shellfish Seed Production and Release

Cooperation Period:	JFY 1999–2001
Purpose:	To increase the shellfishery resource
Course Contents:	To practice production of seedlings at an aquafarm of Tonga. Training subject: (1) Water quality control; (2) Seedling production; (3) Ecological study; (4) Releasing technique
Invited Country(s):	Fiji; Kiribati; Marshall Islands; Micronesia; Solomon Island; Vanuatu; Samoa; Cook Islands; Palau
Number of Participants:	Should not exceed 6 in total from the invited countries and not exceed 2 from Tonga
Qualification of Applicants:	(1) To be younger than 40 years old; (2) To be university graduates or equivalent; (3) To have more than two years of occupational experience in fisheries or aquaculture; (4) To have a good command of written and spoken English
Language of Instruction:	English
Training Institution(s):	Mariculture Research Center, the Ministry of Fisheries, the Kingdom of Tonga

■ PANAMA ■

Title: Outboard Motor Maintenance and Repairing

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from Central American and Caribbean countries with an opportunity to enhance their knowledge and techniques in the field of outboard motor maintenance and repairing to contribute the development of small scale coastal fisheries in the region
Course Contents:	(1) General guidance of the outboard motors; (2) Installation and operation of outboard motor, general/special tools; (3) Fuel, electric and cooling system; (4) Components of the power unit and function; (5) Practice of power/lower unit; (6) Periodical maintenance; (7) Boat operation practice; (8) Basic knowledge of small scale coastal fisheries-navigation system; (9) Cured fish products; (10) Fishing gear and methods
Invited Country(s):	Belize; Costa Rica; Cuba, El Salvador; Guatemala; Honduras; Nicaragua; Dominican Republic
Number of Participants:	Should not exceed 16 in total from the invited countries and should be 1 from Panama
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be senior high school graduates or have equivalent background; (3) To have more than two years experience in the mechanical or electrical field, and to be presently engaged or expected to be engaged in the field of fisheries or vocational training after completion of this training; (4) To be under 40 years of age; (5) To have a sufficient command if spoken and written Spanish, (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Spanish
Training Institution(s).	Instituto Nacional de Formación Profesional (INFORP)

Title: International Training Course on Productivity and Quality Management

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from Central American countries with an opportunity to improve their knowledge and practical application in the field of productivity and quality management, and thus contribute to the improvement of competitiveness of small and medium size companies of Central American countries
Course Contents:	<p>Every year five topics will be chosen from among the following in order to meet the demands of the participants: (1) Topics in the field of Productivity management; Productivity awareness, 5S activities, Cost reduction and cost control systems, Problem solving process and inventory control, etc.; (2) Topics in the field of Quality management; Quality control techniques, QC 7 tools, Quality assurance, Basics of test systems, etc.</p> <p>A unit for each topic of the course consists of seven hours of lectures, the minimum time needed to obtain basic knowledge, and a factory observation to confirm the knowledge gained and to understand its application. The observation mainly in the model factories of CEFOF and the final presentation.</p>
Invited Country(s):	Belize; Guatemala; El Salvador; Honduras; Nicaragua; Panama; Dominican Republic
Number of Participants:	Should not exceed 36 in total from the invited countries and not exceed 6 from Costa Rica
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be presently (or to be expected in the future to be) in charge of the improvement of productivity and quality management in the production processes of small and medium size companies; (3) To have more than three years of practical experience in relevant field; (4) To be under 50 years of age; (5) To have a sufficient command of spoken and written Spanish; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Spanish
Training Institution(s):	Technical Instructor Personnel Training Center for Industrial Development of Central America (CEFOF)

Title: Primer Curso Internacional de Capacitación Sobre las Condiciones de Vida en Las Carceles Y Sus Programas

Cooperation Period:	JFY 1999–2003
Purpose:	To improve living and working conditions of penitentiaries and remedial treatment programs
Course Contents:	<p>Presentation by participants on their countries' experience, study tours to the concerned facilities, lectures on Japanese experience. Training subject: (1st year) Comprehensive understanding of issues on the living and working conditions of the inmates and their remedial treatment programs and effective correction measures (including countermeasures for excessive detaining such as alternatives for imprisonment, parole system, proper treatment of arrestees pending trials); (2nd year) Same as those for the 1st year; (3rd year) Measures for promoting correction of inmates and returning to society I (Programs for treating special types of criminals, preparative treatment for release, early release system, treatment in society after release, continuation and coordination of treatments in the penitentiary and the society); (4th year) Same as those for the 3rd year, (5th year) Measures for promoting correction of inmates and returning to society II (classified treatment, cumulative treatment, works in the penitentiary, vocational training, lectures, living training) Two persons from each country participate in the 1st year course to the 4th year course. The 18 invited countries are divided into two groups each consisting of 9 countries. The training is held for both nine-country groups</p>
Invited Country(s):	Cuba; Dominican Republic; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Argentina; Bolivia; Brazil; Chile; Colombia; Ecuador; Paraguay; Peru; Uruguay; Venezuela
Number of Participants:	Should not exceed 20 in total from the invited countries and not exceed 2 from Costa Rica
Qualification of Applicants:	(1) For the 1st year to the 4th year course the participants should have a minimum of five-year actual experience. A pair of a judge or a prosecutor for the criminal court and a policy maker of correction measures should apply from each country; (2) To be college or university graduates or persons of equivalent educational levels; (3) Persons who submit notes promising that the persons will extend and utilize the knowledge and accomplishments gained through this training for improvement of their own systems
Language of Instruction:	Spanish
Training Institution(s):	United nations Latin American Institute for Crime Prevention and Treatment of Offenders (ILANUD)

■ MEXICO ■

Title: Electronics Control for Teachers

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participating teachers from Latin American countries with an opportunity to improve their knowledge and techniques for vocational training in the field of electronics control
Course Contents:	Electronics control circuits; Analog circuit; Digital circuit; Converter; Digital control; Motor control; Pneumatic system control, Computer control, PC architecture; Operating system MS-DOS; I/O ports and PPI 8255; BASIC programming
Invited Country(s):	Belize; Costa Rica; Cuba; Dominican Republic; El Salvador; Guatemala; Haiti; Honduras; Jamaica; Nicaragua; Panama; Saint Lucia; Colombia; Ecuador; Peru; Venezuela
Number of Participants:	Should not exceed 11 in total from the invited countries and not exceed 3 from Mexico
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates or technicians in the field of electronics, electromechanics, or control; (3) To be teachers of an educational institute with more than three years of experience; (4) To be under 40 years of age; (5) To have a good command of spoken and written Spanish; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Spanish
Training Institution(s):	CETMEJA, DGETI, Secretaría de Educación Pública

Title: Shipping and Port Management

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from the Latin American countries with an opportunity to improve their knowledge in the field of shipping and port management
Course Contents:	Shipping, Liner traffic and containerization, Marine insurance; International conventions and national legislation on the rules of bill of lading, Bill of lading, Oil pollution prevention and civil liability to damage arising therefrom; Port organization & administration
Invited Country(s):	Belize; Costa Rica; Cuba; El Salvador; Guatemala; Haiti; Honduras; Jamaica; Nicaragua; Panama; Argentina, Bolivia, Chile; Ecuador; Peru; Uruguay; Venezuela *Note: Guadalupe Lesser Antilles will be invited at its own expenses of the United Mexican States.
Number of Participants:	Should not exceed 17 in total from the invited countries and not exceed 3 from Mexico
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates or to have the equivalent academic background; (3) To be presently engaged in shipping and port management and related services; (4) To have practical experience of more than two years in the shipping and port management; (5) To be under 40 years of age; (6) To have a good command of spoken and written Spanish; (7) To be in good health, both physically and mentally, in order to complete the course; (8) Not to be serving in the military
Language of Instruction:	Spanish
Training Institution(s):	Merchant Marine Academy of Veracruz "Cap. Alt. Fernando Siliceo y Torres", Fideicomiso de Formación y Capacitación para Personal de la Marina Mercante Nacional "FIDENA"

Title: International Training Course on Integral Production of Educational Television Programmes

Cooperation Period	JFY 1997–2001
Purpose:	To provide the participants from Central American and Caribbean countries with an opportunity to improve their knowledge and techniques in the field of production of educational television programmes
Course Contents:	(1) Production of educational television programmes — History of educational television; Production process, Educative usage; Audiovisual languages; Pedagogic basis; Project design workshop; Script writing workshop; (2) Production engineering of educational television programmes — Production process, Audiovisual languages; Production engineering work; Practical application, etc.; (3) Integral production of educational television programmes — Video capsules production; Musical education programme production; Drama programme production
Invited Country(s):	Belize; Costa Rica; Cuba; Dominican Republic; El Salvador; Guatemala; Haiti; Honduras; Jamaica; Nicaragua; Panama; Colombia; Venezuela
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 4 from Mexico
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be personnel working in the educational television broadcasting in their respective countries; (3) To be under 35 years of age; (4) To have

a sufficient command of spoken and written Spanish; (5) To be in good health, both physically and mentally, to complete the course; (6) To be university graduates in the field of communications or education with at least two years of experience in the field and basic knowledge of production process, audiovisual communication, and audio, lighting, camera and VTR techniques (for producers); (7) To be university graduates or high school graduates: cameramen, lighting operators, editors, audio operators with at least two years of experience and wide knowledge of their respective areas (for technical staff)

Language of Instruction: Spanish
Training Institution(s): CETE, Ministry of Public Education

Title: Earthquake-Resistant Design and Construction of Structures

Cooperation Period: JFY 1997–2001
Purpose: To provide the participants from the Latin American and Caribbean countries with an opportunity to obtain the knowledge and techniques in the field of earthquake engineering, in order to contribute to the improvement of earthquake-resistant design and construction of structures at regional level
Course Contents: (1) Thematic content — Seismology and seismic hazard; Background of building seismic design; Specific knowledge on earthquake-resistant design and construction; Earthquake-resistant practices for design and construction, and quality control in other countries; Standards for earthquake-resistant design and construction in countries of the region, (2) Complementary training activities — Seismic analysis and design workshops; Laboratory practices; Field visits; Theoretical exercises and individual study
Invited Country(s): Belize; Costa Rica; El Salvador; Guatemala; Honduras; Nicaragua; Panama; Jamaica; Dominican Republic; Dominica; Trinidad and Tobago; St. Vincent and the Grenadines; St. Lucia; Haiti; Cuba; Colombia; Ecuador; Peru; Venezuela
Number of Participants: Should not exceed 20 in total from the invited countries and not exceed 5 from Mexico
Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be engineers or architects with experience of more than five years in design and construction of structures, or to be academics and researchers in this field for more than five years; (3) To be between 35 years of age and 50 years of age; (4) To have a good command of spoken and written Spanish; (5) To be in good health, both physically and mentally, to complete the course
Language of Instruction: Spanish
Training Institution(s): Centro Nacional de Prevención de Desastres (CENAPRED)

Title: International Training Course on Reproductive Health

Cooperation Period: JFY 1999–2003
Purpose: To improve reproductive health (family planning, maternal and child health care) in the Central and South American countries and the Caribbean countries
Course Contents: The training consists of lectures and practices for the following training subjects, the former being intended for acquisition of knowledge and the latter for confirming the knowledge acquired in the training and application of the knowledge in the medical and health care institutions. (1) Reproductive health programs; (2) Pregnant and prenatal care and medical service; (3) Family planning; (4) Extension of medical service to remote areas; (5) Reproductive health, infant health care, maternal and child health care; (6) Study tours to medical institutions for ultrasonic diagnostics; (7) Puberty health care; (8) Female health care; (9) Formulation of action plans
Invited Country(s): Costa Rica; Cuba; Dominican Republic; El Salvador; Guatemala; Honduras; Nicaragua; Panama
Number of Participants: Should not exceed 16 in total from the invited countries and not exceed 4 from Mexico
Qualification of Applicants: (1) To be senior officials of central or local governments having authority to conceptualize or decide on health care development plans so that they may intensify or guide health care programs (reproductive health care in particular) in their respective countries, or to be leaders of NGOs working in close cooperation with their governments, both with a minimum of one-year experience as health care administrator; (2) To be persons with professional knowledge in public hygiene, medical service, reproductive health; (3) To be younger than 56 years old
Language of Instruction: Spanish
Training Institution(s): Direction of Reproductive Health, Secretariat of Health; Direction of Health Service, State of Veracruz

■ ARGENTINA ■

Title: International Seminar on Fisheries

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from Latin American countries with an opportunity to improve their knowledge in the field of fisheries through understanding of methods and techniques related to electronics equipment, midwater trawling supported by new technology, and on-board fish processing which ensures worldwide acceptance of fish products
Course Contents:	Tour (INIDEP, fish port and shipyard); Tour (fish processing plant); Conference "Aquaculture"; Seminar on fishing gear and methods; Seminar on fish processing technology; Conference "Marine pollution"; Discussion on marine pollution; Conference "Marine law"
Invited Country(s):	Mexico; Brazil; Chile; Colombia; Ecuador, Peru, Uruguay; Venezuela
Number of Participants:	Should not exceed 16 in total from the invited countries and not exceed 2 from Argentina
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be a professor or instructor at a fishing school or similar institute, or to have more than three years practical experience of teaching in the field of fisheries; (3) To be graduated from high school or to have an equivalent academic background; (4) To be under 50 years of age; (5) To have a good command of spoken Spanish; (6) To be citizens of the invited countries; (7) To be in good health, both physically and mentally, in order to complete the Seminar
Language of Instruction:	Spanish
Training Institution(s):	Escuela Nacional de Pesca (ESNP)

Title: Diagnosis and Research on Domestic Animal Diseases

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from Latin American countries with an opportunity to improve their knowledge and techniques in the field of diagnosis and research on domestic animal diseases
Course Contents:	Immunology — Basic modern knowledge in the field of immunology; Biochemistry — Molecular structure and behavior of lipids; Laboratory animals — International definition and classification of rats and mice; Microbiology — Diagnosis of bacterial diseases in domestic animals; Virology — Pathogenesis of viral diseases; Parasitology — Pathogenesis, immune response, epidemiology, prevention and diagnosis of Toxoplasmosis, Babesiosis and Neosporosis; Genetics — General concepts about organization of genetic material and chromosome structure; Pathology — Trends in veterinary pathology, Physiology — Mineral metabolism in ruminants; CEDIVE — Practical approaches to diagnosis and control in field cases in ruminants
Invited Country(s):	Mexico; Nicaragua; Bolivia; Brazil; Chile; Ecuador; Paraguay; Uruguay; Costa Rica; Cuba; Guatemala
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 3 from Argentina
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates in veterinary science (veterinarian), or to have equivalent academic background; (3) To be engaged in diagnosis and/or research on domestic animal diseases; (4) To have experience of more than two years in the related field; (5) To be under 40 years of age, and to have a good command of spoken Spanish; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Spanish
Training Institution(s):	University of La Plata

Title: Regional Training Course on the Railways Modernization and Electrification in Latin America

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from Latin American countries with an opportunity to improve their knowledge and techniques in the field of railways modernization including electrification, thorough lectures and practices
Course Contents:	(1) Traction dynamics; (2) Signaling systems and their operation; (3) Telecommunications systems; (4) Visit to railway installation; (5) Energy and transport; (6) Railway Track; (7) Electric traction motor; (8) Electric rolling stock; (9) Diesel rolling stock; (10) Visit to a rolling depot; (11) Maintenance of 1) Electric traction control, 2) Diesel traction techniques; (12) Electric traction substations; (13) Running curves; (14) Energy captation systems; (15) Weight transport; (16) Visit to a factory
Invited Country(s):	Bolivia; Brazil; Chile; Colombia; Costa Rica; Cuba; Mexico; Peru; Uruguay; Venezuela
Number of Participants:	Should not exceed per a year 14 from the invited countries and not exceed 2 from Argentina

Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be electrical engineers or electric mechanical engineers, and to be university graduates, or to have equivalent academic background; (3) To have practical experience of more than three years in administration of railway or in railway technique; (4) To be presently engaged, or expected to be engaged in the future in planning of railways construction or improvement of railways system; (5) To have fundamental knowledge with respect to electric railway and its operation planning; (6) To be under 50 years of age; (7) To have a good command of spoken Spanish; (8) To be in good health, both physically and mentally, to complete the course

Language of Instruction: Spanish

Training Institution(s): The National Railway Training Center (CENACAF)

Title: Latin American Course on Plasma Processing of Materials

Cooperation Period: JFY 1998–2002

Purpose: To provide the participants from Latin American countries with an opportunity to improve their knowledge and techniques in the field of plasma processing of materials, and to contribute the quality improvement in industrial fields of this area

Course Contents: (1) Introduction of plasma processing of materials; (2) Outline of plasma; (3) Detail of plasma; (4) Lecture, practice, and discussion related to surface modification; (5) Characterization of thin film formed by plasma process; (6) Lecture "the future of plasma processing of materials"; (7) Discussion; (8) Visit industries

Invited Country(s): Brazil, Chile; Colombia; Mexico; Peru; Uruguay; Venezuela

Number of Participants: Should not exceed 16 per a year from the invited countries and not exceed 4 from Argentina

Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be university graduates, or to have equivalent background; (3) To be presently engaged in plasma processing of materials, or planned to be; (4) To have experience of more than two years in related fields; (5) To be under 40 years of age; (6) To have a good command of spoken Spanish; (7) To be in good health, both physically and mentally, to complete the course

Language of Instruction: Spanish

Training Institution(s): The Argentine Atomic Energy Commission (CNEA)

Title: Diagnosis and Characterization of Plant Virus Diseases

Cooperation Period: JFY 2000–2004

Purpose: To provide the researcher trainees with advanced technologies for diagnosing plant virus diseases, thereby drastically increasing productivity of main crops of Central and South American countries through upgrading researchers' technologies

Course Contents: Training subject: (1) Plant virus serology; (2) Plant molecular biology; (3) Plant virus control / (1) Purification of antibodies and preparation of serums; (2) ELISA method and other serological diagnostic technologies; (3) Detection of virus in insect vectors; (4) Molecular diagnosis of plant virus diseases by PCR and Probe methods

Invited Country(s): Bolivia; Brazil; Chile; Colombia; Mexico; Paraguay; Peru; Uruguay

Number of Participants: Should not exceed per a year 14 from the invited countries and not exceed 2 from the Argentine Republic

Qualification of Applicants: (1) To be younger than 41 years old; (2) To have a minimum of two-year practical experience in the concerned virus fields; (3) To have school education about equal to college or university graduate; (4) To have a command of Spanish

Language of Instruction: Spanish

Training Institution(s): National Institute of Agricultural Technology (INTA); Institute of Plant Pathology and Physiology (IFFIVE)

■ BRAZIL ■

Title: Tropical Diseases

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from Latin American countries and Portuguese speaking African countries with an opportunity to improve their knowledge and techniques in the field of tropical diseases
Course Contents:	Culture and tropical diseases; Public health policies and tropical diseases; Tropics and tropical diseases; Medicine and tropical diseases; Epidemiology and tropical diseases; Biology and tropical diseases; New scientific approach and tropical diseases; The future of the tropical diseases; Amoebiasis; Virus; Bacteria; Fungus; Leishmaniasis; Schistosomiasis; Ultrastructure in parasite diseases; Filariasis; Immunodiagnosis in tropical diseases; Chagas' diseases; Computing skills and tropical diseases
Invited Country(s):	Dominican Republic, El Salvador; Guatemala; Honduras; Nicaragua; Panama; Bolivia; Colombia; Ecuador; Paraguay, Peru; Uruguay; Venezuela; Angola; Mozambique; São Tomé and Príncipe
Number of Participants:	Should not exceed 13 in total per year from the invited countries and not exceed 2 from Brazil
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates in medicine, veterinary medicine, biology or pharmacy, or to have equivalent academic background; (3) To be engaged in tropical diseases research; (4) To have experience of more than three years in the field concerned; (5) To be under 40 years of age; (6) To have a good command of spoken and written Portuguese or Spanish; (7) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Portuguese
Training Institution(s):	Laboratório de Imunopatologia Keizo Asami of the Universidade Federal de Pernambuco (LIKA/UFPE)

Title: International Training Course on Factory Automation Systems

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from Latin American countries with an opportunity to improve their knowledge and techniques in the field of factory automation systems
Course Contents:	(1) Design, Manufacturing, engineering and test aided computer-CAD/CAM/CAE/CAT — Introduction to CAD/CAM; CAD bidimensional; CAD tridimensional; CAD/CAM practice; Computer Aided Engineering (CAE), Computer Aided Testing (CAT); (2) Computerized Numerical Control (CNC) — Introduction to CNC; Cutting technology for CNC machines; Lathe CNC programming using EIA/ISO code, CNC lathe practice; CNC machining center programming using EIA/ISO code; CNC machining center; (3) Flexible Manufacturing System (FMS) — FMS fundamentals; Manufacturing process, Computer simulation; Production; (4) Automatic control — Programmable logic controller (PLC); Sensor; Motor control, Hydraulic and pneumatic control; (5) Study trip and report
Invited Country(s):	Argentina; Bolivia; Chile; Colombia; Peru; Uruguay; Mexico; Paraguay; Venezuela; Ecuador; Panama; Costa Rica
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 4 from Brazil
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be presently engaged in vocational training in mechanical area at a vocational training center, junior college, university, research institute or public industry; (3) To be university graduates or to have the equivalent academic background with at least five years of occupational experience in mechanical area; (4) To be not less than 21, and not more than 40 years of age; (5) To have a sufficient command of spoken and written Portuguese; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Portuguese
Training Institution(s):	Manufacturing Automation Center of SENAI/São Paulo

Title: Strengthening on the Most Advanced Gastroenterological Diagnosis Training Course

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from the Latin American and Portuguese speaking African countries with an opportunity to improve their knowledge and techniques in the field of gastroenterological diagnosis
Course Contents:	(1) Principle and technique of gastroenterological endoscopies; (2) Endoscopic examination methods and therapeutic techniques of choledochopaucreatic diseases cooperated with endoscopic ultrasonography; (3) Ultrasonographic examination technique associated with X-ray and CT observations; (4) Macro and micropathologies on gastroenterological diseases; (5) Bacterio and mycologic aspects on gastroenterologic disorders, especially due to helicobacter pylori and HIV infections

Invited Country(s):	Argentina; Angola; Bolivia, Cabo Verde; Colombia; Costa Rica; Ecuador; El Salvador; Guinea-Bissau; Mozambique; Nicaragua; Panama; Paraguay; Peru; São Tomé and Príncipe, Uruguay; Venezuela
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 3 from Brazil in total 15
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates specialized in clinical medicine or those who have fully equivalent technical knowledge and experiences in the field; (3) To be presently engaged in gastroenterological section of clinic, (4) To have more than three years of practical experience; (5) To be under 40 years of age; (6) To have a sufficient command of spoken and written Portuguese or Spanish, (7) To be in good health, both physically and mentally, to complete the course; (8) Not to be serving the military
Language of Instruction	Portuguese
Training Institution(s)	Gastroenterological Diagnosis and Research Center (UNICAMP)

Title: Domestic Waste Water Treatment Technics

Cooperation Period.	JFY 1999–2003
Purpose:	In Central and South American countries treatment of domestic waste water has become an important issue along with urban population concentration. There is increasing need for proper treatment of domestic waste water. Such environmental problems as fouling of river water and seawater are caused as a result of discharging of untreated domestic waste water. All the countries are urgently needed to resolve this problem.
Course Contents:	(1) Mechanism of contamination by domestic waste water, technologies of waste water treatment in urban areas, monitoring method for environmental contamination by domestic waste water; (2) Collection system of sewerage, operation of domestic waste water treatment facilities, technologies of industrial waste water treatment, testing and analytical methods for running water and sewer water; (3) Latest sewage water treatment technologies and sewage sludge treatment technologies. Training subjects: (1) Domestic waste water treatment technologies; (2) Sewerage collection system; (3) Sewage water testing and analysis; (4) Basic monitoring
Invited Country(s):	Costa Rica; Dominican Republic; El Salvador, Guatemala; Honduras; Mexico; Nicaragua; Panama; Argentina; Bolivia; Chile, Colombia; Ecuador, Paraguay; Peru; Uruguay; Venezuela; Angola; Cabo Verde, Mozambique; São Tomé and Príncipe
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 3 from Brazil
Qualification of Applicants:	(1) To be younger than 36 years old; (2) To have a minimum of five-year professional experience in the concerned fields; (3) To have school education about equivalent to college or university graduate; (4) To have a good command of spoken and written Portuguese and Spanish
Language of Instruction:	Portuguese
Training Institution(s):	Sanitation Company of the State of Sao Paulo

Title: Study Harmful Animals, Diagnosis of Accident Caused by Harmful Animals and Production of Activenin

Cooperation Period:	JFY 1999–2003
Purpose:	To improve the trainees' general knowledge on the symptoms and development of such symptoms of the diseases caused by harmful animals included in the national program for emergency measures adopted by the Ministry of Health of Brazil, and to transfer new knowledge
Course Contents:	Identification of snake species, system of their evolution including species distribution, habitats and phylogenetic systematics; Collection of venoms, handling of snakes, methods of keeping snakes; pretreatment of materials containing the antibody used for production of serum for detoxication; quality control of serums for detoxication, refining and production technologies, side effects of serums for detoxication and researches on the causes of side effects. Training subjects: (1) Identification and classification systems of snakes, spiders and scorpions, their distributions and habitats; (2) Quality control, refining and production technologies of serums for detoxication, side effects of serums for detoxication and researches on their causes; (3) Collection of snake venoms; methods of handling snakes, spiders, scorpions, etc., methods of keeping snakes
Invited Country(s):	Costa Rica; Dominican Republic; El Salvador; Guatemala, Honduras; Mexico; Nicaragua; Panama; Argentina; Bolivia; Chile; Colombia; Ecuador; Paraguay; Peru; Uruguay; Venezuela; Angola; Cabo Verde; Mozambique; São Tomé and Príncipe
Number of Participants:	Should not exceed 15 in total from the invited countries and not exceed 3 from Brazil
Qualification of Applicants:	(1) To be younger than 46 years old; (2) To have a minimum of one-year experience in the concerned fields; (3) To have school education about equivalent to college or university graduate; (4) To have a good command of spoken and written Portuguese and Spanish

■ BRAZIL ■

Language of Instruction: Portuguese
Training Institution(s): Butantan Institute

Title: International Training Program on Inter-city Railway (Metro) Transport System

Cooperation Period: JFY 1999–2003
Purpose: To let the trainees acquire and improve technologies of operation and maintenance of the railway transportation system
Course Contents: Railways; Traffic signals; Rolling stocks; Stationary facilities; Electric driving energy; Transportation cost. Training subject: (1) Practices on maintenance of rolling stocks, rails, power, overhead wires, signals; (2) Operation cost management
Invited Country(s): Costa Rica; Cuba; Mexico; Argentina; Chile; Colombia; Peru; Uruguay; Venezuela; Mozambique
Number of Participants: Should not exceed 10 in total from the invited countries and not exceed 3 from Brazil
Qualification of Applicants: (1) To be younger than 51 years old, (2) To have a minimum of two-year professional experience; (3) To have school education about equivalent to college or university graduates; (4) To have a good command of spoken and written Spanish or Portuguese
Language of Instruction: Portuguese
Training Institution(s): Empresa de Trens Urbanos de Porto Alegre S/A (TRENSURB)

Title: Disaster Prevention and Environmental Conservation of Sustainable Development

Cooperation Period:	JFY 2000–2004
Purpose:	To contribute to establishment of a natural disaster prevention technology system against various natural disasters through this training, thereby contributing to healthy social development and safety of people's living of the concerned countries
Course Contents:	Acquisition of technologies on disaster prevention through lectures, experiments and workshops. Training subject: (1) Natural disaster micro zoning; (2) El nino and disasters related to it; (3) Vulnerability of low-income areas; (4) Effective utilization of information on disasters in infrastructure investment planning
Invited Country(s):	Costa Rica; Cuba; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Argentina; Bolivia; Brazil; Chile; Colombia; Ecuador; Paraguay; Uruguay; Venezuela
Number of Participants:	Should not exceed 20 in total from the invited countries and not exceed 8 from Peru
Qualification of Applicants:	(1) To be younger than 41 years old; (2) To have a minimum of five-year professional experience in the concerned fields; (3) To have educational levels about equivalent to college or university graduates; (4) To have a good command of spoken and written English
Language of Instruction:	Spanish
Training Institution(s):	Peru-Japan Earthquake Engineering and Disaster Mitigation Center

■ CHILE ■

Title: Optical Fiber Transmission System

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from the Latin American countries with an opportunity to improve their knowledge and techniques in the field of optical fiber transmission system, thereby contributing to a quicker, more effective development of digital telecommunication systems in their respective countries
Course Contents:	(1) Outline of digital transmission; (2) Outline of optical transmission; (3) Optical fiber digital transmission; (4) Optical fiber outside plant; (5) Description of telecommunication technologies; (6) Visits to telecommunications companies
Invited Country(s):	Argentina, Bolivia; Brazil; Colombia; Costa Rica; Cuba; Dominican Republic; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Haiti; Paraguay; Peru; Uruguay; Venezuela
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 2 from Chile
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates specialized in telecommunications and/or electrical/electronic engineering or those who have fully equivalent technical knowledge and experiences in the field; (3) To be presently engaged in telecommunication services and systems; (4) To have more than two years of practical experience; (5) To be under 45 years of age; (6) To have a sufficient command of spoken and written Spanish; (7) To be in good health, both physically and mentally, to complete the course; (8) Not to be serving in the military
Language of Instruction:	Spanish
Training Institution(s):	Digital Telecommunications Training Center (CINCATEL); National Institute of Professional Training (INACAP)

Title: Molluscan Aquiculture Engineering

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from the Latin American countries with an opportunity to improve their knowledge and techniques in the field of molluscan aquiculture engineering, with an emphasis on gastropods such as abalone, thereby contributing to the promotion of molluscan aquiculture in their respective countries
Course Contents:	(1) General concept of equipment and design of facilities for aquiculture related to biological requirements; (2) Aquiculture technology—food production (natural and artificial), broodstock management and larvae production, seed production and grow-up; (3) Aquiculture engineering—design of facilities and, selection of equipment; (4) Economic and administrative aspects of aquiculture; (5) Aquiculture projects development
Invited Country(s):	Argentina; Brazil; Colombia; Costa Rica; Cuba; Dominican Republic; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru; Uruguay; Venezuela
Number of Participants:	Should not exceed 16 from the invited countries and not exceed 4 from Chile
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be university graduates or those who have fully equivalent technical knowledge and experiences in the field; (3) To be presently engaged in activities of aquiculture or related topic, either in production and/or research; (4) To have more than two years of experience in any of the activities mentioned in (3); (5) To be under 45 years of age; (6) To have a sufficient command of spoken and written Spanish; (7) To be in good health, both physically and mentally, to complete the course; (8) Not to be serving in the military
Language of Instruction:	Spanish
Training Institution(s):	The Aquiculture Department of Marine Science Faculty, Universidad Catolia del Norte in the Republic of Chile

Title: Integral Management of Watershed with Emphasis on Soil and Water Conservation

Cooperation Period	JFY 1999–2003
Purpose:	To assist in proper management of natural resources and in promotion of sustainable development in the Central and South American regions
Course Contents:	To strengthen the trainees' knowledge on such tools as theories on integrated watershed management and those on forest hydrology by lectures and to let the trainees practice these tools in the fields where these tools are adopted. Training subject: (1) Introduction to watershed management and soil conservation; (2) Theories on forest hydrology; (3) Watershed analysis; (4) Watershed simulation models; (5) Introduction to soil conservation; (6) Restoration of damaged areas; (7) Watershed forest management; (8) Development of arid and semi-arid forest areas; (9) Formulation of integrated

■ CHILE ■

	watershed management plans; (10) Monitoring of watersheds
Invited Country(s):	Costa Rica; Cuba; Dominican Republic, El Salvador, Guatemala; Haiti; Honduras; Mexico; Nicaragua; Panama; Argentina; Bolivia; Brazil; Colombia; Ecuador; Paraguay; Peru; Uruguay; Venezuela
Number of Participants:	Should not exceed 15 from the invited countries and not exceed 5 from Chile
Qualification of Applicants:	(1) To be younger than 51 years old, (2) To have a minimum of three-year professional experience in the concerned fields; (3) To have educational levels about equivalent to college or university graduates; (4) To have a good command of spoken and written Spanish
Language of Instruction:	Spanish
Training Institution(s):	National Forestry Corporation

■ POLAND ■

Title: Education of Highly Qualified IT Specialists for Central and Eastern Europe Countries in Accordance to Demands of Job Market

Cooperation Period:	JFY 1999–2003
Purpose:	To develop human resources in the field of information technology in industries and administration in the Central and East European countries, thereby contributing to their conversion to market economy
Course Contents:	(1) Learning and practice of the JAVA language; (2) Learning and practice of computer network technologies; (3) Learning and practice of system engineering and database development; (4) Learning and practice of parallel computer system
Invited Country(s):	Bulgaria; Czech, Slovakia; Estonia; Latvia, Litva; Romania; Slovenia; Moldova; Ukraine; Hungary
Number of Participants:	The number of participants from invited countries and the Republic of Poland shall not exceed 3 per country in principle within the limit of 20 in total
Qualification of Applicants:	To have a bachelor's or higher degree and be engaged in computer education
Language of Instruction:	English
Training Institution(s):	Polish-Japanese Institute of Computer Techniques

Title: Electric Power Training

Cooperation Period:	JFY 1997–2001
Purpose:	To provide the participants from Arab countries with an opportunity to upgrade relevant techniques and knowledge in the field of electric power industry
Course Contents:	(1) AMKA-T & MV of distribution OHL — Lectures: Duties and responsibilities of a lineman; Comparison between OH and AMKA-T networks; Safety rules, personal safety equipment; Tools and equipment for the AMKA-T & MV line networks; Regulations and standards for the AMKA-T & MV line equipment; Works for erecting the AMKA-T networks; — Practice: Pole climbing and dressing; Dismantling of AMKA-T networks; Hanging, catching off and sagging of AMKA-T cables; Consumer servicing, termination and jointing the AMKA-T system; KWH meter erection; (2) Cable laying and jointing — Lectures: Comparison between overhead lines and underground c; Safety rules and personal safety, Equipment used for the underground cable works; Regulations and standards for the underground cable works; Components of the cables; Types of cables; Methods of cable laying; Cable testing; — Practice: Stripping of power cables of 0.4, 11 and 33 KV; Cable jointing; Preparation of foundations and laying the cables; Cable testing
Invited Country(s):	Bahrain, Lebanon; Oman; Saudi Arabia; Yemen; Algeria; Egypt; Morocco; Tunisia; Djibouti; Mauritania
Number of Participants:	Should not exceed 18 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be high school graduates, or have adequate academic background; (3) To be presently engaged, or expected to be engaged in electric power industry; (4) To be under 25 years of age in principle; (5) To have a good command of spoken and written Arabic, and preferably English language; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	Arabic
Training Institution(s):	Electric Training Center (ETC), National Electric Power Company (NEPCO)

Title: Advanced Medical Equipment Maintenance Training Programme for Palestinians

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the Palestinian participants with an opportunity to improve their knowledge and techniques in the field of medical equipment maintenance
Course Contents:	(1) Repair of medical equipment; (2) Restraints related to installation; (3) Principles and restraints of functioning; (4) Precise guidelines for maintenance (preventive or curative); (5) Problems related to misuse of equipment
Invited Country(s):	Palestine
Number of Participants:	Should not exceed 8 in total
Qualification of Applicants:	(1) To be Palestinians nominated by the Palestinian, Interim Self-government Authority (hereinafter referred to as "PA"); (2) To be presently engaged in medical equipment maintenance for more than two years; (3) To be a college or university graduate, specialized in biomedical engineering or electronics engineering; (4) To have a good command of spoken and written English; (5) To be in good health, both physically and mentally, to complete the course; (6) Not to be serving in the military; (7) To be under 45 years old of age
Language of Instruction:	English
Training Institution(s):	Electronic Services and Training Centre (ESTC), Royal Scientific Society (RSS), the Higher Council for Science and Technology (HCST)

Title: System Engineering

Cooperation Period:	JFY 1998–2000
Purpose:	To provide the participants from Middle Eastern countries with an opportunity to improve their knowledge and techniques in the field of system engineering
Course Contents:	(1) System design; (2) System development; (3) Advanced system analysis and design; (4) System development workshop
Invited Country(s):	The Governments of Middle Eastern countries to be agreed upon each year in advance by the Government of Japan and the Government of Jordan will be invited to apply for the course by nominating their applicant(s) Bahrain; Lebanon; Oman; Saudi Arabia; Syria; Yemen; Algeria; Egypt; Morocco; Tunisia; Mauritania

■ JORDAN ■

Number of Participants:	Should not exceed 16 in total
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have university degree in computer science with at least two years experience or community college diploma with at least four years experience in computer system development; (3) To be able to program in COBOL or other high level language, (4) To have a good command of spoken and written English; (5) To be under 35 years of age; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	CTTISC in the Hashemite Kingdom of Jordan

Title: Electric Power Training for Palestinians

Cooperation Period:	JFY 1999–2001
Purpose:	To assist in proper management of electric power utility in the occupied territory, thereby contributing to smooth administration by the Palestinian Interim Self-Government Authority
Course Contents:	(1) Lectures and practices on construction and maintenance of power transmission network; (2) Lectures and practices on construction and maintenance of outdoor transformer stations; (3) Study tours to power stations and transformer stations. The course contents for a given training will be selected from the 14 proposed subjects while confirming the requirements of the Palestinian side. The above are the training subjects for the first training.
Invited Country(s):	Palestine
Number of Participants:	Should not exceed 20 in total
Qualification of Applicants:	(1) To be Palestinians nominated by the Palestinian Interim Self-Government Authority; (2) To be presently or expected to be engaged in the electric power utility business; (3) To be graduates of technical high schools, (4) Preferably younger than 26 years old; (5) To be mentally and physically healthy
Language of Instruction:	English
Training Institution(s)	Electric Training Center (ETC)

Title: Environmental Legislation and Enforcement

Cooperation Period:	JFY 1999–2001
Purpose:	To strengthen the knowledge of the trainees from the countries constituting the Environment Working Group of the Middle East Peace Multilateral Conference on the environmental laws and regulations
Course Contents:	This year's course, or the second of the series, will have workshops focusing on the international treatise, international laws and the domestic executing systems thereof.
Invited Country(s):	Palestine; Egypt; Israel (cost not covered by JICA)
Number of Participants:	Should not exceed 30 in total from the invited countries and not exceed 10 from Jordan
Qualification of Applicants:	To be nationals of the countries constituting the Environment Working Group of the Middle East Peace Multilateral Conference, or core parties, Jordan, Egypt, Israel and Palestine in particular
Language of Instruction:	English
Training Institution(s):	General Corporation for Environment Protection

Title: Regional Training Course on Safety Requirements for Household Appliances

Cooperation Period:	JFY 1996–2000
Purpose:	(1) To provide the participants with an opportunity to widen their knowledge on the safety measures of electrical and electronic household appliances; (2) To improve their technical skills in inspecting, testing and measuring the safety requirements to be taken in a production process ultimately in order to protect consumers from physical danger and/or economic losses caused by low-quality products
Course Contents:	(1) Fundamentals of electrical/electronic theory; (2) Principle characteristics of the individual products; (3) Analysis of the commonly encountered operating and safety problems/dangers; (4) Current trends in the world safety standards aimed at improvement of the overall technologies in the testing and investigation
Invited Country(s):	Bahrain; Jordan; Lebanon; Oman; Syria; Yemen; Algeria; Egypt; Morocco; Tunisia; Palestine
Number of Participants:	Should not exceed 17 in total from the invited countries and not exceed 4 from Saudi Arabia
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be presently engaged in safety requirements for household appliances; (3) To be a technical school graduate or holding equivalent academic background; (4) To have a good command of spoken and written English; (5) To be between 25 to 45 years in age; (6) To have at least three-year practical experience; (7) To be in good health, both physically and mentally, to complete the course; (8) To have the nationality of the nominating country
Language of Instruction:	English
Training Institution(s):	Saudi Arabian Standards Organization (SASO)

■ TURKEY ■

Title: Exploration and Evaluation of Underground Resources

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from the invited countries with an opportunity to improve their knowledge and techniques in the field of exploration and evaluation of underground resources.
Course Contents:	General concepts (mineral, mineral deposits, mineral exploration); Design of mineral exploration projects; Plate Tectonic and Mineral Deposits; Metallogenic concepts and approaches in mineral explorations; Geology as an exploration tool; Remote Sensing as an exploration tool; Geophysics as an exploration tool; Geology of Turkey, Caucasus and Central Asia; Target Settings in mineral explorations; Choice of prospects in mineral explorations; Choice of exploration methods in mineral explorations; Primary and secondary dispersion patterns; Stream sediment geochemistry; Soil geochemistry, Mineralogical, petrographical, sedimentological and paleontological determinations; Evaluation of exploration projects and prospects; Mineral Economics; Mining Law; Mining related industry in Turkey; Lithogeochemistry; Interpretation of geochemical data; Computer applications; Chemical analysis, Technological tests; Drilling applications; Resource and reserve, definition, classification; Evaluation of development projects and mineral deposits; Energy raw materials; Industrial minerals; Metallic minerals
Invited Country(s):	Bosnia and Herzegovina; Azerbaidjan; Kazakhstan; Kyrgyz; Tadzhikistan; Turkmenistan; Uzbekistan
Number of Participants:	Should not exceed 25 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be presently engaged, or expected to be engaged in near future in the field of underground resources; (3) To have practical experience of more than five years in the field of underground resources; (4) To be in good health, both physically and mentally, in order to complete the course, (5) To have a good command of either English or Turkish; (6) To be under 40 years of age
Language of Instruction:	Turkish (Simultaneous English translation provided)
Training Institution(s):	General Directorate of Mineral Research Exploration

Title: Audio-Visual Communication in Family Health

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from the invited countries with an opportunity to contribute to the improvement of audio-visual communication in family health
Course Contents:	(1) Overview of service delivery system in family health in Turkey; (2) Case study of the activities of education and dissemination in the field of health in Japan; (3) Lecture on Role of central government and provincial administration; (4) Production and presentation skills of AV materials; (5) Role of various organizations, such as NGOs; (6) International organizations and others; (7) Education and dissemination — Activities in pilot area
Invited Country(s):	Kazakhstan; Kyrgyz; Tadzhikistan; Turkmenistan; Uzbekistan; Azerbaidjan; Bosnia Herzegovina
Number of Participants:	Should not exceed 14 in total from the invited countries and 2 from each country
Qualification of Applicants:	[for the first course] (1) To be high ranking government-officials responsible for health service delivery; [for the second course] (2) To be a pair of an administrative government officials and that of public bodies in charge of the production of educational audio-visual materials (under 40 years of age preferably); [for every course] (3) To be nominated by their respective governments; (4) To be in good health, both physically and mentally, to complete the course; (5) To have a good command of either English or Turkish
Language of Instruction:	English and Turkish
Training Institution(s):	Communication Centers of Ministry of Health in Ankara

Title: Fish Stock Assessment and Management

Cooperation Period	JFY 1999–2001
Purpose	To establish a joint fish stock management system for the Arabian Gulf countries
Course Contents	(1) Fundamentals of fish stock evaluation; (2) Fundamentals of fish stock management; (3) Fish stock management in the fishery business, (4) Present situations of fishery resource management in Japan
Invited Country(s)	Bahrain; Oman; Saudi Arabia
Number of Participants	Should not exceed 20 in total from the invited countries and not exceed 2 from the United Arab Emirates
Qualification of Applicants	Those who are engaged in fishery in the Arabian Gulf countries
Language of Instruction	English
Training Institution(s)	Ministry of Agriculture and Fisheries

■ MOROCCO ■

Title: Management of Fisheries Education

Cooperation Period:	JFY 1998–2000
Purpose	To provide the participants from African countries with an opportunity of upgrading relevant techniques and knowledge in fisheries education. Training issues of respective countries are to be discussed in the seminar.
Course Contents:	(1) Regional cooperation in fisheries; (2) Marine scientific research; (3) Means to manage fisheries resources; (4) Management and organization of fisheries education; (5) Vocational education system; (6) Engineering education; (7) Initial maritime education; (8) Parallel vocational education; (9) In-service maritime education; (10) Extension and professional promotion; (11) Results and prospects of fisheries cooperation; (12) Management and organization of training institute
Invited Country(s):	Angola; Benin; Cameroon; Cabo Verde; Gabon; Guinea; Guinea-Bissau; Madagascar; Mauritania; Senegal; Togo; Cote d'Ivoire* (*excluding JFY 2000)
Number of Participants:	Should not exceed 18 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be engaged in the field of fisheries education or related fields; (3) To be university graduates or have equivalent academic background; (4) To have practical experience of more than five years in the field of fisheries; (5) To have a good command of spoken and written English; (6) To be in good health to complete the course
Language of Instruction:	French
Training Institution(s):	The Specialized Institute of Maritime Fisheries Technology (ISTPM Agadir)

Title: Road Maintenance and Construction Machines

Cooperation Period:	JFY 1999–2003
Purpose:	To upgrade road construction and maintenance technologies in the African countries through this training course
Course Contents:	(1) Road construction and maintenance technologies (school experiments and analysis, periodic maintenance and inspection technologies); (2) Machine management and maintenance (structure of machines, maintenance of machines, part replacement); (3) Structure and maintenance of machines (motors, electric systems, hydraulic system, etc.); (4) Operation of construction machinery (operation and maintenance techniques for various machines, safety management)
Invited Country(s):	Benin; Burkina Faso; Cameroon; Cabo Verde; Central Africa; Chad; Djibouti; Gabon; Guinea; Guinea-Bissau; Madagascar; Mali; Mauritania; Niger; Senegal; Togo; Cote d'Ivoire* (*excluding JFY 2000)
Number of Participants:	Should not exceed 20 in total from the invited countries
Qualification of Applicants:	(1) To be younger than 46 years old; (2) To have a minimum of two-year practical experience; (3) To have high school education or higher; (4) To have sufficient comprehension of French
Language of Instruction:	French
Training Institution(s):	Institute of Training on Road Maintenance and Construction Machines (IFEER)

Title: Development of IEC Competence in Reproductive Health

Cooperation Period:	JFY 1999–2003
Purpose:	To upgrade the ability of the leaders and extension workers in the field of reproductive health care to plan and implement IEC programs through this training course
Course Contents:	Training in the methods for development of audio-visual educational materials and those for communication aimed at enlightenment and extension in the field of reproductive health care
Invited Country(s):	Algeria; Morocco; Benin; Burundi; Cameroon; Congo; Djibouti; Gabon; Mali; Niger; Senegal
Number of Participants:	Should not exceed 12 in total from the invited countries
Qualification of Applicants:	To have a minimum of three-year experience in the IEC program or development of audio-visual educational materials
Language of Instruction:	French
Training Institution(s):	National Family and Population Board (ONFP)

Title: Debt Management Seminar

Cooperation Period:	JFY 2000–2000
Purpose:	To support sustainable improvement of debt situations in the African countries
Course Contents:	The training will be done on macro-economic policies, capacity building, three aspects of regulation, with due consideration given to regional characteristics
Invited Country(s):	Algeria; Morocco; Benin; Burkina Faso; Burundi; Cameroon; Cabo Verde; Central Africa; Chad; Congo; Côte d'Ivoire; Equatorial Guinea; Gabon; Guinea; Guinea-Bissau; Madagascar; Mali; Mauritania; Niger; Rwanda; São Tomé e Príncipe; Senegal; Togo
Number of Participants:	Should not exceed 30 in total from the invited countries
Qualification of Applicants:	To be senior officials of ministries of finance, economic planning agencies and central banks in the French-spoken African countries who are presently in charge of debt management
Language of Instruction:	French/English
Training Institution(s):	Tunisian Technical Cooperation Agency (ATCT)

■ EGYPT ■

Title: Rice Cultivation Techniques

Cooperation Period:	JFY 1997–2001
Purpose:	To provide participants with an opportunity to refresh and upgrade relevant techniques and knowledge in the field of rice cultivation techniques
Course Contents:	(1) General agriculture — Overview of the contemporary Egyptian agriculture; Plant production in Egypt; Integrated pest control in Egypt; etc. (2) Economics and agricultural extension — The role of rice in the Egyptian economy; Economics of rice production; Marketing system in rice; etc. (3) Agronomy and varietal improvement — Rice production in Egypt; Rice agronomy; Rice varietal improvement, etc. (4) Mechanization — Rice mechanization in Egypt; Mechanized rice transplanted system; Direct seeding method; etc. (5) Diseases, insects and weeds — Rice diseases in Egypt and their control; Race identification: Rice blast; Bacterial disease of rice; Principal insects of rice in Egypt and their control; Insects vectors of rice viruses and their control; Weed control in direct seeded and transplanted rice; etc. (6) Post-harvest technology — Harvest and post harvest techniques; Rice milling and processing technology; etc.
Invited Country(s):	Burkina Faso, Cameroon, Ghana, Guinea, Guinea Bissau; Kenya; Malawi; Madagascar; Mali; Morocco; Niger, Rwanda; Senegal; Sierra Leone; Tanzania; Congo; Zambia; Mozambique
Number of Participants:	Should not exceed 14 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be senior officials in the field of rice production, (3) To be university graduate, or equivalent, who possess practical experience in the related fields; (4) To have a good command of spoken and written English; (5) To be a citizen of the nominating countries; (6) To be in good health, both physically and mentally, to complete the course
Language of Instruction:	English
Training Institution(s):	Egyptian International Center for Agriculture (EICA)

Title: Rice Processing Techniques

Cooperation Period:	JFY 1999–2003
Purpose:	To upgrade knowledge and technologies in the field of rice processing in the African countries
Course Contents:	(1) Rice situation in Egypt and the world; (2) Rice milling in Egypt (general concept of RTTC); (3) Rice harvesting and threshing (agricultural machines for rice production, rice harvesters and threshing machines); (4) Rice processing, drying, storage (principle, technology and control of drying; drying of cereals in the tropical zone and silo storage; operation and maintenance of drying machines; rice storage technology — storage, quality, loss —, rice storage in bulk; damages by and control of pests, microorganisms, rodents); (5) Modern rice milling technology and equipment (structure of mills, overhaul, assembly, operation, planning of rice milling and control, operation of rice milling machines), (6) Quality control and process system (tests (1) and (2), use of testing apparatus), (7) Half boiling of rice (method, effect, unit operation); (8) Utilization of byproducts (utilization of rice husks, extraction of rice bran oil, animal feeds); (9) Preparation of country reports
Invited Country(s):	Ghana; Kenya, Malawi; Tanzania; Zambia, Chad; Madagascar; Mali; Rwanda; Uganda; Cameroon; Niger; Mozambique
Number of Participants:	Should not exceed 14 in total from the invited countries and not exceed 2 from Egypt
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To have education level equivalent to college or university graduates and have a minimum of three-year practical experience in rice processing; (3) To have a good command of spoken and written English and to be mentally and physically healthy; (4) To be younger than 46 years old; (5) To be nationals of the invited countries
Language of Instruction:	English
Training Institution(s):	Rice Processing Technology Training Center

Title: International Training Course for Clinical Immunology of Infectious Diseases and an Introduction to Molecular Biology

Cooperation Period:	JFY 1999–2003
Purpose:	Such blood-borne infectious diseases as AIDS, ATL, hepatitis are great threats to many of the African countries. The training course allows the trainees from these countries to learn laboratory diagnostic technologies of these infectious diseases. These African countries could improve their health and medical cares through such knowledge and technologies.
Course Contents:	(1) Lectures (22 credits): a) Basic immunobiology; b) Immunity against virus and bacteria; c) Immunological technology, d) Hepatitis B and hepatitis C; e) AIDS and ATL; f) Molecular biology;

	g) Medical statistics; h) Medical laboratory management program, (2) Practice (18 credits): a) Immunological technologies; b) laboratory diagnoses of HCV, HBC, AIDS/ATL; c) PCR-RNA, HBV-DNA; (3) Study tours (25 credits); (4) Group study (16 credits), (5) Presentation of reports (8 credits); (6) Workshops for research methods (8 credits); (7) Others
Invited Country(s):	Botswana; Ethiopia; Eritrea; Ghana; Kenya; Malawi; Seychelles; Swaziland; Uganda; Tanzania; Zambia; Zimbabwe; Madagascar; Mozambique; Niger; Senegal; Benin, Cameroon; Chad; Mauritania; Rwanda
Number of Participants:	Should not exceed 12 in total from the invited countries and not exceed 3 from Egypt
Qualification of Applicants:	(1) To be nominated by the governments which filed applications; (2) To be researchers engaged in laboratory diagnosis of infectious diseases; (3) To be college or university graduates or technical junior college graduates; (4) To have a good command of spoken and written English; (5) To be aged between 25 and 45, with a minimum of three-year experience in the concerned fields; (6) To have practical experience in the subjects for the third country training; (7) To be nationals of the countries which file applications; (8) To be mentally and physically healthy
Language of Instruction:	English
Training Institution(s):	Faculty of Medicine, Suez Canal University

Title: Animal Production and Health

Cooperation Period:	JFY 1999–2003
Purpose:	To realize effective guidance and extension of the animal production technologies in the African countries, thereby contributing to securing and increasing hygienic and stable sources of animal protein
Course Contents:	In addition to the general knowledge and technologies on animal husbandry, the training course intends to develop leaders in animal husbandry in general through training in veterinary medicine and animal pathology.
Invited Country(s):	Ethiopia; Ghana; Kenya; Lesotho; Malawi; Namibia; Uganda; Tanzania; Zambia, Zimbabwe; Cameroon; Central Africa; Chad; Comoro; Gabon; Madagascar; Mali; Mauritius; Mozambique; Rwanda; Senegal; Togo
Number of Participants:	Should not exceed 15 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by the invited governments and their nominations have already been accepted; (2) To be presently or to be expected to be engaged in the concerned fields; (3) To be veterinarians or graduates of related departments; (4) To have a minimum of three-year practical experience in the concerned fields; (5) To be younger than 45 years old; (6) To be mentally and physically healthy; (7) To have a good command of English or French
Language of Instruction:	English
Training Institution(s):	Egyptian International Center for Agriculture

Title: Construction Equipment Training for Palestinians

Cooperation Period:	JFY 1999–2003
Purpose:	To contribute to smooth government by the Palestinian Interim Self-Government Authority through such infrastructure improvement as housing construction and road construction and repair in the occupied territory
Course Contents:	(1) Method of construction work; (2) Structure and functions of construction machinery; (3) Maintenance of construction machinery; (4) Operation and management of construction machinery workshops; (5) Procurement of parts. The first training course includes lectures on the operation and management aspect of construction machinery workshops in Japan.
Invited Country(s):	Palestine
Number of Participants:	Should not exceed 15 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by the invited governments; (2) To be presently or expected to be engaged in management of construction machinery; (3) To have a minimum of two-year practical experience or comparable experience; (4) To be graduates of technical high schools; (5) To be younger than 36 years old; (6) To have a good command of English or French and to be healthy
Language of Instruction:	English
Training Institution(s):	Construction Equipment Training Center

■ EGYPT ■

Title: Welding Technology for Palestinians

Cooperation Period:	JFY 1999–2001
Purpose:	To contribute to improvement of welding technologies and general knowledge and technology on non-destructive inspection in the African countries (initial R/D); To contribute to improvement of welding technologies and general knowledge and technology on non-destructive inspection in Palestine (extended R/D)
Course Contents:	(1) Welding engineering; (2) Welding materials; (3) Welding design; (4) Non destructive inspection and inspection on welded part; (5) Practices / (1) Welding process and welding machines: a) Introduction to welding technology; b) Manual and automatic welding technologies, c) Introduction to welding design; (2) Shielded metal arc welding of plates: a) Striking and arc holding; b) Weld stringer beads; c) Flat welding; d) Vertical welding; e) Horizontal welding; f) Top board welding; (3) Welding materials and consumables: a) Kinds of steel and weldability; b) Introduction to weld metallurgy; c) Quality and selection of welding materials; (4) Welding design and manufacturing: a) Welding standards, b) Welding symbols and drawings; c) Butt adjustment and manufacture; d) Welding discontinuity; (5) TIG welding: a) TIG welding of plates; (6) Fixed pipe welding; (7) Study tour to plants; (8) Non destructive inspection and weld inspection: a) Introduction; b) Radiographic inspection; c) Ultrasonic inspection; d) Magnetic particle inspection and penetration test
Invited Country(s):	Palestine
Number of Participants:	Should not exceed 10 in total from the invited countries
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be mechanical or metallurgical engineers not enlisted in armed forces, or equivalent persons; (3) To be college or university graduates or persons of equivalent qualifications with a minimum of three-year practical experience; (4) To be younger than 40 years old; (5) To have a good command of spoken and written English and to be mentally and physically healthy; (6) To be nationals of the countries which filed applications
Language of Instruction:	English
Training Institution(s):	Central Metallurgical Research and Development Institute (CMRDI)

Title: Applied Food Analysis

Cooperation Period:	JFY 1992–2001
Purpose:	To provide the participants from Eastern, Central and Southern African countries with an opportunity to improve their knowledge and techniques in analytical technologies associated with post-harvest food quality changes
Course Contents:	(1) Food chemistry; (2) Sensory evaluation; (3) Food microbiology I; (4) Instrumental analysis; (5) Data analysis I; (6) Data analysis II; (7) Advanced food chemistry I; (8) Advanced food chemistry II; (9) Advanced food microbiology I; (10) Advanced food microbiology II; (11) Post-harvest physiology (chemistry based); (12) Post-harvest pathology (microbiology based); (13) Keynote lectures; (14) Projects
Invited Country(s):	Uganda; Tanzania; Zambia; Zimbabwe; Namibia; Lesotho; Malawi; Botswana; Swaziland; Ethiopia; Eritrea; Seychelles; Rwanda
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 2 from Kenya
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) a) To be holders of a B.Sc. degree in food science and technology or other related areas of specialization such as agricultural sciences, chemistry, biology, zoology, biochemistry, microbiology and nutrition; b) To be holders of a diploma in food science and technology with research/teaching experience of not less the five years in related areas; (3) To have a good command of spoken and written English; (4) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as disqualifying condition.)
Language of Instruction:	English
Training Institution(s):	Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Water Pollution and Its Analysis

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from the countries of East, Central and Southern Africa with an opportunity to upgrade themselves in modern engineering technology in water pollution and its analysis
Course Contents:	[Topics] (1) Interaction of human activity with water environments (specific reference to Africa); (2) Theory and methods for detection, evaluation and control of water pollution; (3) Use of appropriate technology in water pollution analysis related to regional local conditions; (4) Models in water environments related to water pollution investigations; (5) Appraisal of water environments in Kenya, including field trips
Invited Country(s):	Botswana; Ethiopia; Eritrea; Lesotho; Malawi; Namibia; Seychelles; South Africa; Swaziland; Tanzania; Uganda; Zambia; Zimbabwe; Mauritius; Mozambique; Rwanda
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 2 from Kenya
Qualification of Applicants:	(1) To be nominated by their respective governments; (2) To be currently engaged in all field related to water environment; (3) To have a university degree or a diploma, with at least three years of technical working experience in water environment related fields; (4) To have a good command of spoken and written English; (5) To be under 35 years of age at the time of application; (6) To be in good health, both physically and mentally, to complete the course (Pregnancy is regarded as a disqualifying condition for participation in the course.)
Language of Instruction:	English
Training Institution(s):	Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Applied Electrical and Electronic Engineering

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from English speaking countries of Eastern, Central and Southern African countries with an opportunity to improve their knowledge and techniques in the field of applied electrical and electronic engineering technology
Course Contents:	(1) Principles of circuit design; (2) Circuit and design; (3) Testing and analysis; (4) Manual PCB design; (5) Mounting and soldering; (6) Study tour; (7) Computer aided PCB design; (8) Processing of the PCB: etching, drilling, mounting of components, testing, fault diagnosing; (9) Mounting and quality control
Invited Country(s):	Uganda; Tanzania; Zambia; Zimbabwe; Namibia; Lesotho; Malawi; Botswana; Swaziland; Ethiopia; Seychelles
Number of Participants:	Should not exceed 13 in total from the invited countries and not exceed 2 from Kenya

■ KENYA ■

Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be presently engaged or expected to be in the future in electrical and electronic engineering; (3) To be university graduates or to have a diploma in electrical and/or electronic engineering or in other related fields with at least five years of experience; (4) To be not more than 40 years of age at the time of application; (5) To be in good health, both physically and mentally, to complete the course of training (Pregnancy is regarded as a disqualifying condition.)

Language of Instruction: English

Training Institution(s): Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Applied Plant Propagation Technology in Horticultural Crops

Cooperation Period: JFY 1998–2002

Purpose: To provide the participants from Eastern, Central and Southern African countries with an opportunity to improve their knowledge and techniques in applied plant propagation technologies in horticultural crops

Course Contents: (1) Plant physiology: Tropical fruits; Temperate fruits; Tropical vegetables; Temperate vegetables; Flowers, Ornamentals; (2) Greenhouse technology; (3) Propagation media: Soil types and amendments, Research project formulation, presentation and subsequent implementation; (4) Propagation methods: Cutting; Grafting; Layering; Seeds; Field trip; (5) Crop protection: Diseases; Pests; Weed

Invited Country(s): Uganda; Tanzania; Zambia; Zimbabwe; Namibia; Ethiopia; Malawi; Botswana

Number of Participants: Should not exceed 10 in total from invited countries and not exceed 2 from Kenya

Qualification of Applicants: (1) To be nominated by their respective governments; (2) To be presently engaged in any field related to horticulture; (3) To be holders of B Sc. degree in horticulture or agricultural science with research/teaching experience of not less than three years in related areas; (4) To have a good command of written and spoken English; (5) To be not more than 40 years of age at the time of application; (6) To be in good health, both physically and mentally, to undergo the course of training (Pregnancy is regarded as a disqualifying condition.)

Language of Instruction: English

Training Institution(s): Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Seminar on GPS Surveying

Cooperation Period: JFY 1998–2002

Purpose: To provide the participants from African countries with an opportunity to acquire new technologies appropriate to African countries in the field of GPS surveying

Course Contents: (1) Basic theory of GPS; (2) Basic concepts of GPS; (3) Components of GPS system; (4) Co-ordinate reference system; (5) GPS observable; (6) GPS surveying (Planning and procedure, Static relatives, Differential -RTK, Introduction to field work, Data acquisition, Observation, Procedure & computation); (7) Data processing; (8) Field practice; (9) Processing of field practice data; (10) Presentation of course report

Invited Country(s): Botswana; Comoros; Ethiopia; Lesotho; Malawi; Mauritius; Namibia; Seychelles; Swaziland; Tanzania; Uganda; Zambia

Number of Participants: Should not exceed 12 in total from the invited countries and not exceed 3 from Kenya

Qualification of Applicants: (1) To be nominated by their governments; (2) To be university graduates, higher diploma holders or to have the equivalent academic background; (3) To be engaged in surveying, mapping or related work; (4) To have the practical experiences of preferably more than five years in the field; (5) To be under 40 years of age in principle; (6) To have a good command of spoken and written English; (7) To be citizens of the applying countries; (8) To be in good health, both physically and mentally, to complete the course

Language of Instruction: English

Training Institution(s): The Kenya Institution of Surveying and Mapping (KISM)

Title: Blood Screening for Viral Hepatitis and HIV/AIDS

Cooperation Period: JFY 1999–2001

Purpose: To improve health level of the invited countries

Course Contents: Lectures on technologies for diagnosing the virus hepatitis and HIV/AIDS by blood test and practices on these technologies by using a test kit. The training subjects are as follows: Outline of screening

	test for virus hepatitis; Accuracy control of the test kit for virus hepatitis screening; Method for virus hepatitis screening; Outline of HIV/AIDS screening; Method for HIV/AIDS screening test
Invited Country(s)	Botswana; Ethiopia; Eritrea; Ghana; Lesotho; Malawi; Namibia; Nigeria; Seychelles; South Africa; Swaziland; Uganda; Tanzania; Zambia; Zimbabwe
Number of Participants	Should not exceed 16 in total from the invited countries and not exceed 2 from Kenya
Qualification of Applicants	(1) To be engaged in businesses related to blood transfusion and blood screening, (2) To have a minimum of two-year experience in blood screening; (3) To be younger than 46 years old
Language of Instruction	English
Training Institution(s)	Kenya Medical Research Institute (KEMRI)

Title: Local and Regional Development Planning and Management

Cooperation Period:	JFY 1999–2000
Purpose:	To contribute to formulation and implementation of balanced regional or rural development policies or plans in the African countries
Course Contents:	To conduct training on identification of issues in the regional or district planning in the context of Africa; planning elements such as society, economy, space and environment; methods and tools for analyzing issues; formulation of development plans; conceptual design and its methods and to present incidents of development in Asia and other regions
Invited Country(s):	Sub-Sahara countries (except those no longer aided)
Number of Participants:	Should not exceed 30 in total from invited countries and not exceed 3 from Kenya
Qualification of Applicants:	(1) To be actually engaged as working-level person in regional development in the African countries; (2) To have school education of college or university graduate level; (3) To have a minimum of five-year practical experience in regional and rural development
Language of Instruction:	English
Training Institution(s):	Jomo Kenyatta University of Agriculture and Technology (JKUAT); United Nations Centre for Regional Development, Africa Office

Title: Design Production and Maintenance of Fluid Flow Machinery

Cooperation Period:	JFY 1999–2003
Purpose:	To contribute to development of mechanical engineers capable of comprehensively understanding principles, structures, operation and various methods of manufacturing machines, and of capable of giving instruction in writing on planning, installation, operation and maintenance of facilities
Course Contents:	Study on the principles of pumps and blower; Study on main structures, materials and manufacturing technologies; Planning and designs of major parts, Manufacturing and maintenance of major parts
Invited Country(s):	Ethiopia; Malawi; Uganda; Tanzania, Zambia
Number of Participants:	Should not exceed 10 in total from the invited countries and not exceed 2 from Kenya
Qualification of Applicants:	(1) To be younger than 41 years old, (2) To have a minimum of two-year experience in the concerned field; (3) To have school education equivalent to college or university graduates; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s):	Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Agricultural Machinery Management

Cooperation Period:	JFY 1999–2003
Purpose:	To transfer the modern technologies of managing agricultural machinery to the African countries, thereby realizing effective utilization of agricultural machinery and ultimately increasing agricultural productivity
Course Contents:	Theories on agricultural machinery; Agricultural machinery management system; Training of operators and mechanics of agricultural machinery; Common troubles and problems about maintenance of agricultural machinery; Policy on mechanization of agriculture; Theories on agricultural machinery components; Theories on effective utilization of agricultural machinery; Overhaul and assembling of agricultural machinery, and tools for such works; Agriculture mechanization plans; Selection of machines; Cost analysis; Workshop management; System approach to agricultural machinery management

■ KENYA ■

Invited Country(s):	Botswana; Ethiopia; Eritrea; Lesotho; Malawi; Namibia; Swaziland; Uganda; Tanzania; Zambia; Zimbabwe; Djibouti; Rwanda
Number of Participants:	Should not exceed 15 in total from the invited countries and not exceed 2 from Kenya
Qualification of Applicants:	(1) To be younger than 41, (2) To have a minimum of two-year professional experience in the concerned fields; (3) To have school education equivalent to vocational college graduates; (4) To have a good command of spoken and written English
Language of Instruction:	English
Training Institution(s)	Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Title: Diagnosis, Control and Prevention of Tropical Livestock Diseases

Cooperation Period.	JFY 1999–2003
Purpose:	To improve the knowledge and technologies on diagnosis, prevention, and control of tropical livestock diseases through upgrading the trainees' ability to deal with problems of livestock hygiene, thereby contribution to raising the social and economic status of the participating countries
Course Contents:	Fiscal 1999: Tick-borne diseases; Fiscal 2000: Infectious diseases common to humans and animals
Invited Country(s).	Botswana; Lesotho; Malawi; Namibia, Seychelles; South Africa; Swaziland; Tanzania; Zimbabwe; Angola; Mauritius; Mozambique; (Congo)
Number of Participants:	Should not exceed 16 in total from the invited countries and not exceed 4 from Zambia
Qualification of Applicants:	(1) To be presently or expected to be engaged in the concerned fields; (2) To be qualified veterinarians or officials of training or research institutes in the concerned fields with master's degree in animal husbandry; (3) To have a minimum of three-year practical experience
Language of Instruction:	English
Training Institution(s).	School of Veterinary Medical, University of Zambia (SVM-UNZA)

■ SENEGAL ■

Title: Vocational and Technical Training for African Countries

Cooperation Period:	JFY 1999–2003
Purpose:	To develop leaders of vocational training in the participating countries, thereby contributing to their industrial development
Course Contents:	Machining and repairing; Household electric appliances repairing technologies; Electronic technologies; Industrial electric technologies; General engineering; Car maintenance (The training courses for fiscal 1999 and 2000 are limited to machining and repairing. The curriculums of the training courses for 2001 and onward will be determined on consultation with the concerned organizations.)
Invited Country(s):	Benin; Burkina Faso; Cameroon; Central Africa; Gabon; Guinea; Mali; Mauritania; Niger; Togo; Cote d'Ivoire* (*excluding JFY 2000)
Number of Participants:	Should not exceed 11 in total from the invited countries and not exceed 2 from Senegal
Qualification of Applicants:	(1) To be younger than 41 years old; (2) To be engaged in vocational training for at least three years; (3) To have a command of spoken French, (4) To have school education of high school graduate or equivalent
Language of Instruction:	French
Training Institution(s):	Vocational and Technical Training Center

II. In-Country Training Courses

1. What Is In-Country Training?

(1) Background

In many developing countries, disseminating advanced technology and knowledge for socio-economic development is difficult due primarily to lack of budget and/or management skills to provide training opportunities to a greater number of people, although the central agencies/institutions have already acquired techniques necessary for the betterment of society. In order to facilitate the dissemination of the knowledge and skills transferred through Japanese technical cooperation projects effectively and efficiently, the In-Country Training Program (ICTP) was established as one of the modalities of Japanese technical assistance in 1993. A total of 10 ICTPs have been implemented by institutions that have successfully adopted and adapted Japanese technical cooperation. In these programs, local resource persons have played a leading role both in organizing the program and transferring to their expertise, which is more suitable to the local context and to the participants.

(2) Objectives

1. ICTP contributes to the effective dissemination of the knowledge and techniques transferred through completed, or nearly completed, Japanese technical cooperation programs.
2. Technologies adapted by local experts to the local environment can be shared, which allows participants to apply these technologies more easily.
3. Fewer communication problems are observed compared to training programs in Japan or to Third Country Training Programs, as the medium of training can be chosen according to the preference of the participants and organizers.
4. A significant number of people can be trained intensively in a relatively short period of time; thus ICTP is cost effective compared to other training modalities, which require substantial invitation expenses, including international air fares.
5. ICTP enables a wide range of people, including community representatives, to undergo training, which can subsequently promote participatory development.
6. ICTP helps host institutions to improve their abilities in planning, developing and conducting training, which in turn helps spread the accomplishments of international technical cooperation to the country. Furthermore, it is recognized that ICTP contributes to strengthening host institutions' research capacities by establishing a local network with training participants from various backgrounds.

(3) Prioritized areas of ICTP

Training programs with respect to the following subjects are given priorities.

1. Global issues including the environment, population control, health and medical care and WID.
2. Skills and knowledge with urgent needs for dissemination, yet difficult to spread region wide and nationwide due to lack of resources and other constraints.
3. Training subjects which aim to contribute to the socio-economic development of targeted local community members.

2. List of the Courses Planned in JFY 2000

Implementing Country	Title	Training Institution(s)
Philippines	Regional Development Support for Local Planning and Development Officers	Department of Interior and Local Government (DILG)
	National Tuberculosis Program	Department of Health
	Crime Prevention with Community Enhancement (<i>Koban Seminar</i>)	Department of Interior and Local Government (DILG); National Police Commission (NAPOLCOM)
	In-Country Training Course on Capacity Building for Sustainable Development in Forest Management	Human Resource Management Service, Department of Environment and Natural Resources
	Improvement of Operation and Maintenance System and Technology of Irrigators Association Participated by Farmers	Institutional Development Department, National Irrigation Administration (NIA)
Laos	Primary Health Care (PHC) Training	Ministry of Health
Viet Nam	Clinical Techniques and Hospital Management	Choray Hospital
	In-Country Training Program for Leaders of Agricultural Cooperatives	Ministry of Agriculture and Rural Development (MARD)
China	Environmental Information Network System	Sino-Japanese Friendship Centre for Environmental Protection
	Sino-Japanese Cooperation Center for Soil and Water	Beijing Forestry University
	Energy Conversation Seminar for Senior Managers	Dairen China Energy Conversation Training Center
India	Bivoltine Sericulture Technology Course	Central Silk Board
Bangladesh	Agriculture Training for Women in Bangladesh	Agriculture Training Center for Women in Bangladesh
Sri Lanka	Medical Equipment Maintenance and Troubleshooting	BES at the workshop of each PDHS area
Paraguay	Sustainable-Agriculture with Non-Tillage Upland Farming	DEAG using the facilities of CETAPAR and Centro Nacional de Capacitación y Alojamiento de la DEAG
Peru	Maternal and Child Health and Family Planning	Direction of Social Programmes of the Ministry of Health (DSP-MOH)
	Assembly and Operativity of Long Lines	CEP-PAITA in the Republic of Peru
Bolivia	Artificial Insemination of Cattle	Autonomous University of Gabriel Rene Moreno
Honduras	Training Program for Nursing Education Staff	Center of Training and Investigation of Nursing
Kenya	Farmers Training for Promotion of Community-based Smallholder Irrigation Development	Irrigation and Drainage Branch, Land Development Division, Ministry of Agriculture and Rural Development
Tanzania	Malaria Control Phase II	JFY by MOH in cooperation with concerned districts, Tanga in cooperation with Vector Training Center
	Strengthening of District Health Management	Ministry of Health

3. The Outline of the Scheduled Courses in JFY 2000

■ PHILIPPINES ■

Title: Regional Development Support for Local Planning and Development Officers

Cooperation Period:	JFY 1999–2001
Purpose:	To promote sustainable development of local governments by upgrading their officers' ability for development planning
Course Contents:	(1) Outline of sustainable development; (2) Sustainable integrated regional development (development strategy for the Philippines' Agenda 21); (3) Development management (participatory resource management, environmental impact assessment, waste treatment and disposal); (4) Improvement of social service (health care and medical service, education, housing); (5) Food safety and poverty alleviation; (6) Productivity improvement (traditional industries and modern industries); (7) Roles of the central government and local governments in development financing; (8) Road construction and maintenance (SZOPAD as an example); (9) Outline of GIS and land use planning; (10) Practice and management of participatory regional development; (11) Method of assessment of regional productivity and efficiency; (12) Method of presentation; (13) Formulation of action plan
Number of Participants:	Should not exceed 50 in total
Qualification of Applicants:	(1) To be younger than 45 years old; (2) To be local planning officials of local government units at the provincial, city and municipal levels or personnel of the Department of Interior and Local Government who have been in office in one year at least with permanent status of appointments
Training Institution(s):	Department of Interior and Local Government (DILG)

Title: National Tuberculosis Program

Cooperation Period:	JFY 1999–2003
Purpose:	To promote nationwide the National Tuberculosis Program
Course Contents:	(1) Tuberculosis, the National Tuberculosis Program; (2) Direct sputum collection and examination; (3) Accuracy control of direct sputum collection and examination
Number of Participants:	Should not exceed 70 in total
Qualification of Applicants:	(1) To be medical technicians engaged in the National Tuberculosis Program; (2) To be mentally and physically healthy
Training Institution(s):	Department of Health

Title: Crime Prevention with Community Enhancement (*Koban* Seminar)

Cooperation Period:	JFY 1999–2003
Purpose:	To establish the system of crime prevention of public participation
Course Contents:	(1) Concept of and organization for street watching; (2) Organization to fight crimes, organization to fight fire, organization for emergency rescue; (3) Introduction to Japan's and Singapore's <i>koban</i> systems; (4) Police and area crime prevention
Number of Participants:	Should not exceed 231 in total
Qualification of Applicants:	To be officials of the Department of Interior and Local Government, local autonomous bodies, chiefs of barangays, staff of concerned NGOs
Training Institution(s):	Department of Interior and Local Government (DILG); National Police Commission (NAPOLCOM)

Title: In-Country Training Course on Capacity Building for Sustainable Development in Forest Management

Cooperation Period:	JFY 1999–2003
Purpose:	To help enable the Department of Environment and Natural Resources to draft plans, to implement plans, to transfer technologies to local people and to establish systems, regarding sustainable environmental development

Course Contents:	The training on the following nine courses will be done in five years. (1) Vermi-composting and clonal propagation techniques for forest nursery operations; (2) DENR charcoal technology; (3) Training on regeneration techniques; (4) Integrated watershed management course for project implementors; (5) Forest bio-technology; (6) Forest certification, (7) Training on propagation, maintenance and marketing of non-timber forest products; (8) Bio-diversity assessment; (9) Forest ranger's course
Number of Participants:	Should not exceed 40 in total
Qualification of Applicants:	(1) Officers in local government units with a permanent status of appointment; (2) Personnel of NGOs; (3) To be younger than 45 years old; (4) To have at least two years of continuous services in the office; (5) To be in good health to complete the course
Training Institution(s):	Human Resource Management Service, Department of Environment and Natural Resources

Title: Improvement of Operation and Maintenance System and Technology of Irrigators Association Participated by Farmers

Cooperation Period:	JFY 2000–2004
Purpose:	To contribute to smooth transfer of management of irrigation facilities to the irrigators association, to effective management of the irrigation system by strengthening of the irrigators association, to increased collection of irrigation fee and to independent administration of the irrigators association through this training course
Course Contents:	The training course will provide lectures, study tours, on-the-job training, discussions and assessment on the following subjects (1) Participatory planning by farmers; (2) Organizational arrangements and institutional arrangements for water management; (3) Management and maintenance of irrigation facilities, methods for water management; (4) Collection of irrigation fee and organization management
Number of Participants:	Should not exceed 47 in total
Qualification of Applicants:	(1) To be officials of the National Irrigation Administration (NIA) in charge of irrigators association development, 16 people selected from the central, regional and local administration office; (2) 31 people from the irrigators associations and federations
Training Institution(s):	Institutional Development Department, National Irrigation Administration (NIA)

■ LAOS ■

Title: Primary Health Care (PHC) Training

Cooperation Period:	JFY 1999–2001
Purpose:	To strengthen the operational and administrative capability of primary health care in the provincial and municipality levels in Laos
Course Contents:	(1) Concept of primary health care; (2) Study on the need for primary health care; (3) Statistics on primary health care; (4) Development of human resources for community health care; (5) Community participation; (6) Approach to rural health improvement; (7) Sectors concerning rural health improvement; (8) Monitoring, supervision and evaluation; (9) Statistics on community health system, infectious diseases
Number of Participants:	Should not exceed 50 in total
Qualification of Applicants:	(1) To be provincial primary health care managers, 46 people; (2) To be Ministry of Health officials, 4 people. All people should satisfy the following conditions: (1) To be engaged or expected to be engaged in primary health care activities; (2) To have a minimum of two-year experience in the health care and medical service; (3) To be expected to work in the concerned field for at least two years after finishing this training course; (4) To be younger than 46 years old; (5) To be mentally and physically healthy
Training Institution(s):	Ministry of Health

■ VIET NAM ■

Title: Clinical Techniques and Hospital Management

Cooperation Period:	JFY 1999–2003
Purpose:	To upgrade clinical skills in provincial hospitals in Southern Viet Nam
Course Contents:	Subject areas (cerebral surgery, circulatory diseases, gastrointestinal diseases, ICU and ICU cares)
Number of Participants:	Should not exceed 200 in total
Qualification of Applicants:	To be clinical doctors and nurses of provincial hospitals in Southern Viet Nam
Training Institution(s):	Choray Hospital

Title: In-Country Training Program for Leaders of Agricultural Cooperatives

Cooperation Period	JFY 1999–2003
Purpose:	To help upgrade the organization setup and business management ability necessary for agricultural cooperative management
Course Contents:	(1) Principle and history of agricultural cooperatives, agricultural cooperatives of other countries; (2) Example of agricultural cooperative laws and statutes, policy measures for land utilization, agricultural financing systems; (3) Joint purchases of agricultural inputs, joint processing and sales of crops; (4) Farmers psychology/management skills; (5) Quality control and pricing of agricultural products, market survey
Number of Participants:	Should not exceed 150 in total
Qualification of Applicants:	To be chiefs of agricultural cooperatives
Training Institution(s):	Ministry of Agriculture and Rural Development (MARD)

■ CHINA ■

Title: Environmental Information Network System

Cooperation Period:	JFY 1999–2001
Purpose:	To help enable sharing, collection and analysis of more updated and more accurate information of various kinds between the Environment Department of the Central Government and those of district governments through real time information exchanges, thereby contributing to formulation of China's environmental policies
Course Contents:	(1) Concept of the environment network system; (2) Structure of the environment network system; (3) Operation of the environment network system; (4) Enhancement of the network system
Number of Participants:	Should not exceed 255 in total
Qualification of Applicants:	(1) To be nominated from their respective organization through legitimate processes; (2) To be engaged in environmental information network systems and to have a minimum of one-year practical experience; (3) To be in leading positions of environmental information centers and to be younger than 50 years old
Training Institution(s):	Sino-Japanese Friendship Centre for Environmental Protection

Title: Sino-Japanese Cooperation Center for Soil and Water

Cooperation Period:	JFY 1999–2003
Purpose:	Preservation of water/soil and ecological forestry industry projects should constitute one integrated system. In this context the training course intends to develop professional human resources well equipped with advanced scientific and technological knowledge together with practical application knowledge in this field.
Course Contents:	(1) To train soil-saving technical leaders intended for working in deserted areas of Huangtu Gaoyuan; (2) Technical training of researchers and soil saving, (3) Strengthening of research capability in forestry; (4) To establish forest development technologies to prevent erosion and to clarify the effect of the countermeasures on the loss of water and sand/soil
Number of Participants:	Should not exceed 40 in total
Qualification of Applicants:	(1) Soil-saving technological system; (2) Reforestation technological system; (3) Forest restoration technologies in difficult areas
Training Institution(s):	Beijing Forestry University

Title: Energy Conversation Seminar for Senior Managers

Cooperation Period:	JFY 1999-2003
Purpose:	To assist the central government of China in letting each local government issue enforcement ordinances and regulations necessary for enforcement of the Energy Conservation Law and also in formulating effective policy measures
Course Contents	(1) Japan's energy conservation policies and Japan's cooperation to China, (2) Introduction to World Bank's energy conservation projects; (3) Introduction to China's Green Lamp; (4) Activities of the Energy Conservation Center, Japan; (5) Promotion of energy conservation activities in the industrial sector; (6) Analysis of energy efficiency in China and its international comparison; (7) Introduction to energy conservation policies of other countries, (8) China's certification system of energy-saving products; (9) China's energy conservation policies
Number of Participants	Should not exceed 150 in total
Qualification of Applicants	(1) To be senior officials of organizations in charge of energy saving administration of the central government, provincial governments, autonomous region governments and city governments; (2) To be persons of responsible positions of provincial energy conservation centers; (3) To be persons responsible for energy conservation in energy conservation target industries
Training Institution(s)	Dairen China Energy Conversation Training Center

■ INDIA ■

Title: Bivoltine Sericulture Technology Course

Cooperation Period.	JFY 1999-2003
Purpose:	To promote bivoltine sericulture and to increase production of high-quality bivoltine silk
Course Contents:	To help the trainees learn basic technologies and methods for extension services to farmers on bivoltine sericulture through lectures, practices and study tours. (1) Growing of mulberry trees; (2) Silkworm feeding; (3) Prevention of silkworm diseases; (4) Maintenance and multiplication of silkworm strains; (5) Method for extension of sericulture and others
Number of Participants:	Should not exceed 345 in total
Qualification of Applicants:	(1) To be sericulture extension service members and CBS technical staff; (2) To have a good command of spoken and written English
Training Institution(s).	Central Silk Board

■ BANGLADESH ■

Title: Agriculture Training for Women in Bangladesh

Cooperation Period:	JFY 1999-2004
Purpose:	To give training on women's living in rural areas and to develop female leaders, thereby contributing to improvement and stabilization of rural living and ultimately contributing to regional development
Course Contents:	<p>The training helps the trainees improve such aspects of their lives as health, discipline, cooperativeness, perseverance, positive mentality through punctual common lodging. The training course gives technical training through both lectures and practices. The training also gives general basic knowledge and basic skills for women</p> <p>Training subjects: (1) Agriculture in general (rice cultivation, cereal cultivation, vegetable cultivation, chicken raising, pisciculture, cultivation of other crops, organic agriculture without using agricultural chemicals); (2) General skills (sewing skills, cooking and food processing skills, others); (3) Basic knowledge (family planning, health care and hygiene, others)</p>
Number of Participants:	Should not exceed 30 in total
Qualification of Applicants:	(1) To be between 18 and 30 years old; (2) To hold SSC (Secondary School Certificate) or to be equivalent in educational level; (3) To be a member of land-holding farming family; (4) To be presently engaged or expected to be engaged in the future in agriculture and community development; (5) To have mental and physical strength to withstand the training
Training Institution(s):	Agriculture Training Center for Women in Bangladesh

■ SRI LANKA ■

Title: Medical Equipment Maintenance and Troubleshooting

Cooperation Period:	JFY 1998–2001
Purpose:	To improve the maintenance of medical equipment in the province to obtain maximum operation time, safety and optimum utilization of medical equipment, thereby improving the quality of health care in the periphery
Course Contents:	(1) Knowledge and techniques of basic medical equipment maintenance and repair; (2) Medical equipment management ability; (3) The nation-wide efficient maintenance system of medical equipment
Number of Participants:	Per year from the invited PDHS areas will be approximately 80
Qualification of Applicants:	(1) To be nominated by their Provincial Directors of their respective PDHS area; (2) To be at least General Certificate of Education Ordinary Level holders; (3) To be presently or planned to be engaged in to related field; (4) To have the practical experience of more than two years in the related field; (5) To be under 35 years of age; (6) To be in good health, both physically and mentally, to complete the course
Training Institution(s):	BES at the workshop of each PDHS area

■ PARAGUAY ■

Title: Sustainable-Agriculture with Non-Tillage Upland Farming

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from various regions in Paraguay with an opportunity to update and upgrade their knowledge and techniques in the fields of upland farming, thereby contributing to the environmental conservation and sustainable-agriculture in Paraguay
Course Contents:	(1) Importance of sustainable-agriculture; (2) Prevention from erosion by direct seed system in the field of upland farming; (3) Production basic technique in a direct seed system; (4) Agricultural extension technique by the use of direct seed diffusion; (5) Method of farm improvement by direct seed
Number of Participants:	Should not exceed 30 in total
Qualification of Applicants:	(1) Agricultural extension workers who are engaged in extension services, and have more than three years of occupational experience in this field as leader of the above Institutions; (2) Not older than 40 years old; (3) Agricultural college graduates or have the equivalent academic background; (4) In good health, both physically and mentally, to complete the course
Training Institution(s):	DEAG using the facilities of CETAPAR and Centro Nacional de Capacitación y Alojamiento de la DEAG

■ PERU ■

Title: Maternal and Child Health and Family Planning

Cooperation Period:	JFY 1996–2000
Purpose:	To provide the participants from various regions in Peru with an opportunity to update and upgrade their knowledge and techniques in the fields of maternal-perinatal health and family planning
Course Contents:	(1) National programmes in RH (Family planning, Maternal perinatal health, STD-AIDS-PSEA); (2) Importance of cultural patterns in RH and family planning; (3) Epidemiologic aspects of the STD and AIDS; (4) RH problematic of the adolescent, maternal death and infant health; (5) Management aspects in maternal perinatal health and family planning; (6) Strategy of gender; (7) Epidemiological analysis in RH; (8) Strategies for quality applications in the services of health
Number of Participants:	Should not exceed 40 in total
Qualification of Applicants:	(1) Health professionals of the above Institutions not older than 55 years old; (2) Involved in Maternal-Perinatal Health and/or Family Planning Programmes with experience in clinical services; (3) Required to work in the Institutions for a period at least two years after the end of the course; (4) Qualified in institutional and communal leadership; (5) In good health, both physically and mentally, to complete the course
Training Institution(s):	Direction of Social Programmes of the Ministry of Health (DSP-MOH)

Title: Assembly and Operativity of Long Lines

Cooperation Period:	JFY 1998–2002
Purpose:	To provide the participants from various regions in Peru with an opportunity to improve their knowledge and techniques in the field of fishing
Course Contents:	(1) Fishing baits and fish decoys; (2) Selecting and preparing materials to construct a long line, (3) Long line's maintenance; (4) Handling in fishing work; (5) Sea going practice; (6) General backgrounds of long line's fishing; (7) Management of fishing economic resources, and so on
Number of Participants:	Should not exceed 36 in total
Qualification of Applicants:	(1) To be nominated by their respective institutions; (2) Institute graduates specialized in fisheries; (3) Not older than 42 years old; (4) To have more than two years of practical experience in fisheries; (5) In good health, both physically and mentally, to complete the course
Training Institution(s):	CEP-PAITA in the Republic of Peru

■ BOLIVIA ■

Title: Artificial Insemination of Cattle

Cooperation Period:	JFY 1999–2003
Purpose:	To promote the techniques of artificial insemination, thereby improving the genetic strain of Bolivian cattle and increasing productivity
Course Contents:	The training course stresses acquisition of artificial insemination techniques, therefore, the course consists almost equally of theory and practices Training subjects: (1) Theories and techniques of cattle breeding and artificial insemination; (2) Theories on breeding; (3) Cattle feed and theories on livestock nutrition; (4) Feed control; (5) Breeding hygiene
Number of Participants:	Should not exceed 90 in total
Qualification of Applicants:	(1) To be technicians in charge of artificial insemination belonging to livestock industry organizations; (2) To be teachers or higher-level students of departments of veterinarian medicine and animal husbandry of colleges or universities
Training Institution(s):	Autonomous University of Gabriel Rene Moreno

■ HONDURAS ■

Title: Training Program for Nursing Education Staff

Cooperation Period:	JFY 1999–2001
Purpose:	To improve education skills of those who are engaged in nursing and medical education, thereby improving medical levels of such medical workers as nurses and assistant nurses
Course Contents:	The training course intends to improve nursing education skills of those who teach assistant nurses, nurses and students by providing them with training on education skills, methods for understanding needs and issues of education, methods for formulating education planning, and new medical information. Training subjects: (1) Concept of health promotion; (2) Formulation of health promotion plans; (3) New medical information; (4) Improvement of education skills; (5) Education management; (6) Continual education; (7) Formulation, implementation and assessment of health care and hygiene education plan
Number of Participants:	Should not exceed 120 in total
Qualification of Applicants:	(1) To be teachers of training schools for assistance nurses in such cities as Choloteuca, San Pedro Sula, Tegucigalpa (Ministry of Welfare); (2) To be a total of about 50 teachers of training school for nurses (universities) and nurses of rural health care centers in such cities as La Ceiba, San Pedro Sula, Tegucigalpa
Training Institution(s):	Center of Training and Investigation of Nursing

■ KENYA ■

Title: Farmers Training for Promotion of Community-based Smallholder Irrigation Development

Cooperation Period:	JFY 1999–2003
Purpose:	The training helps realize small-scale irrigation projects, operate and manage them in sustainable ways and ultimately contribute to regional development through stabilization of horticulture crop production and income raising
Course Contents:	(1) Guideline for implementation of small-scale irrigation projects; (2) Formation and management of organizations for water right and use; (3) Horticulture crop growing technology; (4) Farming; (5) Water control; (6) Crop marketing; (7) Distribution; (8) Regional community development
Number of Participants:	Should not exceed 50 in total
Qualification of Applicants:	The training course accommodates the following people: (1) 40 people, or 20 pairs of man and women, one pair from each of 20 irrigation project areas; (2) Eight agricultural extension workers in charge of the designated irrigation project areas; (3) Two people involved in the irrigation projects
Training Institution(s):	Irrigation and Drainage Branch, Land Development Division, Ministry of Agriculture and Rural Development

■ TANZANIA ■

Title: Malaria Control Phase II

Cooperation Period:	JFY 1998–2000
Purpose:	(1) To improve and strengthen the capacity in the nursing care management of severe malaria and other common severe childhood illness; (2) To improve and strengthen the capacity in the laboratory diagnosis of malaria by the AO method in all district laboratories in order to achieve early diagnosis and hence prompt treatment
Course Contents:	(1) For nurses. Epidemiology of malaria; Communication skills and counseling; Assessment of recovery, Making blood films; Case studies; Nursing care for children, etc.; (2) For laboratory technologists: Reports from the regions; Examination of haemoparasites using AO method; Laboratory management; Field work on performance experience using AO method, etc.; (3) For laboratory assistants: Malaria as a global issue; Malaria in sub-Saharan countries; Urban malaria
Number of Participants:	To train 75 nurses, 25 technologists, 25 laboratory assistants from districts annually
Qualification of Applicants:	(1) To be nominated by their respective districts or MOH; (2) To be presently engaged in or conducting malaria control; (3) To have the practical experience of more than two years in the field concerned
Training Institution(s):	JFY by MOH in cooperation with concerned districts, Tanga in cooperation with Vector Training Center

Title: Strengthening of District Health Management

Cooperation Period:	JFY 1999–2000
Purpose:	To improve health care through strengthening of the county's district health management team (DHMT)
Course Contents:	Fiscal 1999: training on rural health management to RHMT; Fiscal 2000: Supplementary training to RHMTs with little achievement from the first year training and to the Zonal Training Center *Two-year training course will be provided to the request for five-year training. The training for the third year and onward will be considered when its training contents becomes clear, in view of the performances of the two-year training.
Number of Participants:	100–150 per year
Qualification of Applicants:	To be staff members of DHMT, RHMT and the Zonal Training Center
Training Institution(s):	Ministry of Health

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