

**CERAMICS DEVELOPMENT TECHNOLOGY II**

Apr. 12, 1999 - Oct. 18, 1999, 5 participants

陶磁器開発・活用技術 II

J-99-00599

- PURPOSE** To provide with scientific knowledge and techniques in the field of conventional ceramics, ranging from the study of raw materials to future application technology, in order to develop ceramic manufacturing technology in participating countries.
- MAIN FEATURES OF CURRICULUM** The emphasis is put on practical training, related lectures, and observation to small ceramics industries near Nagoya. The main themes are: (1) raw materials (2) preparation of bodies (3) preparation of glaze (4) screen printing (using computer) (5) firing techniques (Type of kiln, kiln structure, kiln materials, kiln furniture) (6) quality control (QC seven tools, process control, practice to prevent defects). During field trips, the participants will also have the chance to observe some of the famous areas for ceramic industries.
- QUALIFICATION OF APPLICANT** (1) university graduates or the equivalent, and with more than three '3' year practical experience in the field of ceramics (2) currently working at a ceramic manufacturing plant as an engineer or at an institution of ceramic R & D as a researcher, and not be craftsmen (3) between twenty-five '25' and forty '40' years of age
- TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) Mino Yogyo Co., Ltd. (3) Tajimi City Pottery Design and Technical Center (4) other public institutions and private companies
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (50 hours).

**WELDING ENGINEER**

Apr. 5, 1999 - Oct. 1, 1999, 8 participants

溶接技術者研修

J-99-00600

- PURPOSE** In order to bring up well-qualified engineers who are able to manage the welding construction and maintenance, the course provides theoretical and practical knowledge of welding technology.
- MAIN FEATURES OF CURRICULUM** Lecture, practical exercises and factory observations. The main themes are: (1) Welding processes and equipment; Physics of welding arc, gas-shielded metal arc welding, tungsten-inert gas welding, submerged arc welding, resistance welding, electron beam and laser beam welding, gas welding and other welding processes, surfacing, thermal cutting (2) Materials and their behavior during welding; alloys and phase diagrams, structure of the welded joint, cracking phenomena, cast irons; copper, titanium and aluminum (3) Construction and design; strength of materials, design principles of welded structure and behavior (4) Fabrication, applications engineering; quality assurance, welding stresses and distortion, plant facilities, health and safety (5) Fundamental practical operations (6) Observation and practice in industries, research institutes and educational facilities
- QUALIFICATION OF APPLICANT** (1) presently in charge of welding engineering, with three '3' years or more of experience in this field (2) university graduates or the equivalent (3) over twenty-six '26' and under thirty-five '35' years of age
- TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) Japan Welding Engineering Society (3) Nagoya University
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (50 hours).

**ENERGY CONSERVATION**

May 18, 1999 - Jul. 8, 1999, 13 participants

省エネルギー

J-99-00315

- PURPOSE** The purpose of the course is to provide participants with information concerning administrative and technical aspects of Japan's energy conservation, so that later they will be able to use this knowledge in future energy conservation efforts in their own respective countries.
- MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions, group case studies, practice and observation trips. (1) Japanese energy conservation policy and present conservation situation in Japan (2) development of energy conservation and new technology in Japan (3) energy conservation situation in major Japanese industries (4) industrial energy conservation technology (5) methods for promoting energy conservation in industry (6) energy consumption measurement and data analysis (7) case study in promotion of energy conservation in a model factory
- QUALIFICATION OF APPLICANT** (1) university/college graduates or equivalents presently employed in government, governmental institutions, or industrial associations (2) currently engaged in work in the energy field for more than 3 years (3) be under 45 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Energy Conservation Center, Japan (ECC)
- REMARKS** Country Reports will be highly utilized both for selection of participants and for Comparative Studies.

**ENERGY MANAGEMENT**

Jan. 17, 2000 - May 31, 2000, 6 participants

エネルギー管理

J-99-00628

- PURPOSE** The purpose of this course is to develop the human resources who can control the energy and promote energy saving.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is laid on subjects that will help participants to practically and concretely solve the problems in the field of energy management of their own countries. The subjects covered in the course are: (1) understand and acquire the management ability necessary for proceeding the energy management (2) acquire the energy measurement techniques (3) basic automatic control techniques (4) acquire knowledge for selection of appropriate fuel (5) understand the problems of saving energy (thermal and electric energy) and improvement measures (6) understand the concept of equipment plannings and production plannings (7) understand the practical energy management and its latest trend through plant visits to local enterprises.
- QUALIFICATION OF APPLICANT** (1) have energy management experience (2) university graduates in engineering or equivalent (3) 40 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kitakyushu International Techno-Cooperative Association
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training.

## HYDRO-ELECTRIC POWER ENGINEERING II (FOR ELECTRIC/MECHANICAL ENGINEERS)

May 11, 1999 - Jun. 26, 1999, 8 participants

水力発電 II(電気・機械)

J-99-00055

- 1. PURPOSE** The purpose of the course is to provide the participants with the latest information and knowledge concerning managing and technical aspects of the Japan's hydro-electric power industry so that the participants would be able to play their greater role for further progress and advancement of hydro-electric power generation in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** The course is formulated to cover both aspects of "electrical/mechanical engineering" and "civil engineering" alternatively. This year (Japanese Fiscal 1999), electrical/mechanical engineering matters will be focused mainly. The following are the major subjects this year: (1) outline of Japan's electric power industry (2) Japan's government policy and regulation relating to Japan's electric power industry (3) method of planning, designing, construction and operation and maintenance technique of hydro-power stations from the view point of electrical/mechanical engineering
- 3. QUALIFICATION OF APPLICANT** (1) electrical/mechanical engineers who are presently employed by governmental or private hydro-electric power utilities (2) technical college graduates or equivalents and have more than five and less than ten years of practical experience in the field of hydro-electric power engineering.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Agency of Natural Resources and Energy, Ministry of International Trade and Industry (3) Japan Electric Power Information Center (4) Electric Power Development Co., Ltd.
- 5. REMARKS**

## ELECTRIC POWER MANAGEMENT II

Aug. 30, 1999 - Oct. 11, 1999, 7 participants

電気事業経営 II

J-99-00153

- 1. PURPOSE** To introduce Japan's electric power industry focusing on management methods adopted in Japan for maintaining stable supply of electric power to cope with the increasing power demand.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on lectures, discussions and observations which mainly cover the following topics: (1) outline of the electric power industry in Japan (2) power development plan (3) power system planning and operation (4) power distribution (5) electricity sales (6) financial management (7) personnel development and labor management
- 3. QUALIFICATION OF APPLICANT** (1) senior manager-class engineer in electric power utilities with at least ten years working experience (2) between 35 and 50 years of age
- 4. TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) Agency of Natural Resources and Energy, Ministry of International Trade and Industry (3) Japan Electric Power Information Center, Inc. (4) Chubu Electric Power Co., Inc.
- 5. REMARKS**

## NUCLEAR POWER GENERATION

Jan. 11, 2000 - Mar. 15, 2000, 6 participants

原子力発電

J-99-00419

- 1. PURPOSE** The purpose of the course is to provide the participants with general introductory information on the administrative and technical aspects of Japan's nuclear power industry, which includes experience gained through planning, design, construction and operation of nuclear power plants, so that the participants will be able to implement the future development plan of nuclear power in their countries.
- 2. MAIN FEATURES OF CURRICULUM** Major subjects in this course are as follows: (1) lectures (a) outline of nuclear power generation in Japan safety regulation and administration for commercial nuclear power plants (b) major system of boiling water reactor and pressurized water reactor (c) construction of nuclear power plant (d) operation and maintenance (2) exercise (a) operation and plant behaviour related to plant start-up, shutdown and accidents, etc. by using a compact simulator (b) maintenance and inspection (non-destructive test)
- 3. QUALIFICATION OF APPLICANT** (1) nuclear, electrical and/or mechanical engineers presently employed at governmental institutions or private companies in the field of electric power generation and have more than three years of occupational experience in this field (2) university graduate or equivalent (3) not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Agency of Natural Resources and Energy, Ministry of International Trade and Industry (3) Japan Electric Power Information Center, Inc. (JEPIC) (4) Japan Atomic Power Company (JAPC)
- 5. REMARKS**

## ELECTRIC POWER DISTRIBUTION SYSTEM MANAGEMENT

Aug. 23, 1999 - Oct. 21, 1999, 5 participants

配電システム管理

J-99-00512

- 1. PURPOSE** The purpose of the course is to impart information on administrative and technical aspects of Japan's electric power distribution engineering system so that participants will be able to utilize the knowledge obtained from the course for the future development of this field in their countries. Note: This course deals with distribution systems from secondary sides of distribution substations to service wires and does not cover transmission lines or interior wiring. The voltage of distribution lines is approximately from 6 KV to 22 KV in Japan.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of lectures and visits. The main themes are: (1) outline of electric power industry in Japan (2) management techniques (total quality control, education system, safety measures, etc.) (3) power demand and supply schemes (4) transmission of electrical energy (5) distribution of electrical energy (automatic distribution system, etc.) (6) visits (power stations, factories which produce power distribution apparatus, etc.)
- 3. QUALIFICATION OF APPLICANT** (1) electrical power engineer presently employed at governmental or private electric power utilities in the field of electric power distribution (2) between 30 and 40 years of age (3) technical university graduate or equivalent, and have more than 5 years of practical experience
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Agency of Natural Resources and Energy (3) Japan Electric Power Information Center, Inc. (JEPIC) (4) Kansai Electric Power Co., Inc. (KEPCO)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week.

**THERMAL-ELECTRIC POWER ENGINEERING**

May 10, 1999 - Jul. 4, 1999, 10 participants

火力発電

J-99-00578

- PURPOSE** The purpose of the course is to provide the participants with the latest information and knowledge concerning managing and technical aspects of Japan's thermal electric power industry, so that the participants would be able to play greater roles for further progress and advancement of thermal electric power generation in their respective countries.
- MAIN FEATURES OF CURRICULUM** The course consists of lectures, observation, practices and discussion. The emphasis is put on introduction of Japanese situation and technical know-how. The course covers following subjects; (1) outline of electric power industry in Japan (2) thermal electric power engineering in Japan, which includes planning, design, construction, operation and maintenance, measures for increasing heat efficiency, efficient management, and new technology (3) environmental preservation techniques, such as EIA, smoke emission, hot water drainage
- QUALIFICATION OF APPLICANT** (1) electrical and/or mechanical engineers who are in charge of design, construction, operation and maintenance at thermal electric power utilities, and have more than three years of experience in the field (2) under 40 years of age (3) technical college graduate or its equivalent
- TRAINING INSTITUTIONS** (1) Chugoku International Centre (CIC), JICA (2) Public Utilities Department Agency of Natural Resources and Energy, Ministry of International Trade and Industry (3) Japan Electric Power Information Center, Inc. (JEPIC) (4) The Chugoku Electric Power Co., Inc. (CEPCO)
- REMARKS**

**COAL SCIENCE AND TECHNOLOGY**

Sep. 14, 1999 - Dec. 1, 1999, 5 participants

石炭資源開発・利用

J-99-00312

- PURPOSE** The purpose of the training course is to provide participants with advanced knowledge and experience of coal exploration, exploitation, utilization and environmental engineering
- MAIN FEATURES OF CURRICULUM** The course is divided into two sections-introductory and advanced. In the first section, participants are to study the following basic topics. (1) coal geology (2) mining (3) chemistry (4) mechanical engineering for coal utilization (5) environmental engineering Five series of lectures on advanced topics relevant to the modern coal industry in the mentioned fields will be provided in the second section. Each participant can take one or more series of lectures. Related experimental study is also scheduled. Participants are advised to bring their own themes to study in the laboratories at Kyushu University under the supervision of instructors.
- QUALIFICATION OF APPLICANT** (1) have more than three years' occupational experience in the field of coal science and technology (2) university graduate or equivalent (3) not less than 25 years and 45 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kyushu University
- REMARKS** A compulsory Japanese language course will be conducted at evening.

**NUCLEAR TECHNOLOGY**

May 11, 1999 - Jun. 23, 1999, 8 participants

原子力基礎技術

J-99-00303

- PURPOSE** The purpose of the course is to provide scientists and engineers who are engaged in application of radioisotopes and operation of nuclear reactors with both fundamental and practical knowledge of nuclear technology for reconfirmation. As technology transfer, this course also aims to instruct them in essential techniques for safe handling of radioisotopes and safe operation and utilization of nuclear reactors.
- MAIN FEATURES OF CURRICULUM** This course mainly consists of common subjects for all participants, group exercises for two sub-groups, and individual practice in accordance with each participant's speciality. The major common subjects (lectures and laboratory exercises) are; (1) basic concepts and experiments (2) radiological protection (3) radiation monitoring (4) radiation and radioisotope application. Participants will be divided into two sub-groups to cover one of the following subjects of laboratory exercises. (A) radioisotope and radiation experiments (B) experiments and simulations of nuclear reactors
- QUALIFICATION OF APPLICANT** (1) university/college graduates in science or technology, or equivalents (2) presently working in or will be working in an organization in the nuclear technology field (3) under 35 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Nuclear Technology and Education Center, Japan Atomic Energy Research Institute
- REMARKS**

**SEMINAR ON NUCLEAR SAFETY AND REGULATION**

May 25, 1999 - Jun. 19, 1999, 7 participants

原子力安全規制行政セミナー

J-99-00354

- PURPOSE** The purpose of the seminar is to introduce Japanese situation of nuclear safety and regulations in general as well as work-site systems for safety control of radiation through lectures and observation trips. Exchanges of opinions and information on participants' countries regarding their immediate problems will be encouraged.
- MAIN FEATURES OF CURRICULUM** In this seminar, the emphasis is put on introduction of Japanese systems by means of lectures and observation trips to various related organizations/facilities. The main themes to be covered in the seminar are: (1) regulations and administration for safety assurance and control in Japan (2) safety control at facilities using radioisotope and reactor.
- QUALIFICATION OF APPLICANT** (1) Administrators (section head or equivalent) in charge of national nuclear safety and regulation (2) have at least 3-year experience in the field mentioned above.
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Nuclear Safety Bureau, Science and Technology Agency (3) Japan Atomic Industrial Forum
- REMARKS**

## GEOTHERMAL ENERGY (ADVANCED)

Aug. 9, 1999 - Dec. 9, 1999, 10 participants

地熱エネルギーアドバンス

J-99-00442

- 1. PURPOSE** The purpose of the training course is to provide participants with effective training in the field of science and engineering to enable them to plan, execute and evaluate geothermal development projects for the maximum utilization of available energy resources, considering environmental assessment.
- 2. MAIN FEATURES OF CURRICULUM** Participants are divided into five groups: geologists, geophysicists, geochemists, drilling engineers and production engineers. All the participants will acquire advanced and comprehensive knowledge of the whole process of development of geothermal energy. Participants are expected to perform the following respective activities according to their specialized fields. (1) geologists: field reconnaissance, emphasized on geologic control of thermal manifestations (2) geophysicists: structural interpretation of the area, definition of the area extent and depth of the reservoir (3) geochemists: construction of a model of the geothermal system under exploration, comprehension of the systematic knowledge of geochemical prospecting methods in different thermal manifestations (4) drilling engineer: command of all the necessary techniques for rational drilling of geothermal wells such as cementing, stimulating and completing high temperature wells (5) production engineer: design and administration of production; distribution of production and reduction wells, control of production and all other related items.
- 3. QUALIFICATION OF APPLICANT** (1) either be an ex-participant of JICA Group Training Course in "Geothermal Energy" at Kyushu University, or have been engaged in the field of geothermal energy development for at least three years (2) leading staff member in their organizations (3) university graduate or equivalent (4) over 25 and under 45 years of age.
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Geothermal Research Centre, Faculty of Engineering, Kyushu University (3) Hatchobaru Geothermal Power Station
- 5. REMARKS** A compulsory Japanese language course will be conducted at evening.

## CONSULTANCY SERVICE FOR SMALL INDUSTRIES

Aug. 30, 1999 - Nov. 29, 1999, 10 participants

中小企業診断

J-99-00466

- 1. PURPOSE** To provide those who extend their services to small-scale industries for promoting business efficiency, productivity and profitability with necessary knowledge and techniques for further development and promotion of small-scale industries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of lectures, observations and practices. Lectures deal mainly with (1) system and measures for small industries in Japan (2) basic understanding of business management (3) techniques of business diagnosis. Observations are to small scale industries to understand the status in Japan. During the observation, Japanese professional consultant will make an advice on techniques of business diagnosis. At the end of the program, participants will be divided into two groups to conduct a one-week practical business diagnosis.
- 3. QUALIFICATION OF APPLICANT** (1) expert assigned to business diagnostic services, management consultancy, and extension services at an organization dealing with development and promotion of small scale industries (2) university graduate or equivalent in this field. In addition, the basic knowledge to prepare financial statements of a business corporation is prerequisite condition for participation in this training course (3) having at least three years experiences of such activities as mentioned above, having already undergone the basic training on business management (4) between 30 and 45 years of age.
- 4. TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) Aichi Industrial Research Association (3) Small and Medium Enterprise Management Consultants Association of Japan (4) Aichi Prefectural Small-and-Medium-Sized Enterprise Guidance Center (5) other related organizations
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (50 hours).

## SEMINAR ON SMALL AND MEDIUM ENTERPRISES DEVELOPMENT POLICIES

May 10, 1999 - Jun. 20, 1999, 10 participants

中小企業政策セミナー

J-99-00108

- 1. PURPOSE** This course is designed to provide a practical understanding of how SME policy is implemented in Japan under current economic conditions, with particular reference to the manufacturing sector, as well as to enhance policy making capacities in the area of SME promotion. Through the training course, participants are expected; - to deepen their knowledge of the history and present state of Japan's SME policy, - to investigate how Japan's experience can be adapted to their own country's circumstances, and - to consider how their country's strategic capacity in the planning of SME policy can be improved.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants. The main themes are: (1) background of the Japanese economy (2) history and the present situation of public policy and programs towards small business-finance, management, technology, subcontracting system, grouping system, internationalization.
- 3. QUALIFICATION OF APPLICANT** (1) university/college graduate, or equivalent (2) senior administrative officials engaged in the formulation of small business policy, with experience of at least 5 years (3) under 45 years of age (4) have a sufficient command of English, equal to TOEFL score of more than 550 points or an equivalent spoken and written standard
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Japan International Cooperation Center
- 5. REMARKS**

## SEMINAR ON SHIPBUILDING MANAGEMENT

Sep. 14, 1999 - Nov. 19, 1999, 7 participants

造船経営管理セミナー

J-99-00249

- 1. PURPOSE** The purpose of the seminar is to provide the participants with the opportunity to get workable and basic know-how of shipbuilding management, such as the outline of shipbuilding, the control of business activities, and production control in the shipyards, and to exchange information on how to cope with the development of the international conventions, thus contributing to the development of shipbuilding industries.
- 2. MAIN FEATURES OF CURRICULUM** In this seminar, the emphasis is put on introduction of Japanese shipbuilding industries and basic know-how of shipbuilding management through lectures and observation. The following are the major subjects to be covered in the seminar. (1) outline of shipbuilding industries and management in Japan (2) shipyard management and control of business activities (3) production control in shipyard management (4) introduction and recent trends of IMO convention (5) international cooperation
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in the field of shipbuilding management in government, public or private organizations and have more than eight years of occupational experience in this field (2) university graduate or equivalent (3) between 35 and 50 years of age
- 4. TRAINING INSTITUTIONS** (1) Kanagawa International Fisheries Training Centre (KIFTC), JICA (2) Maritime Technology and Safety Bureau, Ministry of Transport (3) Overseas Shipbuilding Cooperation Centre (OSCC)
- 5. REMARKS**

**PRODUCTION MANAGEMENT (THEORY AND PRACTICE ON WORK IMPROVEMENT)**

Oct. 11, 1999 - Feb. 24, 2000, 8 participants

生産性向上技術

J-99-00340

- PURPOSE** The purpose of the training course is to provide participants with the opportunities to (1) understand technology and techniques accumulated in the Kitakyushu area through its experience and research activities, (2) acquire the knowledge on higher productivity through practical training and plant observations of Japanese factories, (3) introduce and utilize the acquired knowledge and techniques to solve their own problems of production.
- MAIN FEATURES OF CURRICULUM** The subjects covered in the course are: (1) productivity and management techniques (2) typical organization of Japanese companies (3) factors affecting productivity (4) production management (5) value engineering (6) industrial engineering (7) work improvement (8) plant maintenance and total productive maintenance (9) single arrangement and "Poka-Yoke" (prevention of simple mistakes) (10) two-day improvement activity (11) quality control and statistical methods (12) QC circle activity (13) engineering economy (14) SE/OR (15) computer utilization in enterprise (16) CAD system (17) productivity improvement activity (18) basic production planning (19) employee education (20) QC New-7 Tools
- QUALIFICATION OF APPLICANT** (1) have more than 5 years' occupational experiences in the field of production management (2) university graduate or equivalent in engineering (3) 40 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kitakyushu International Techno-cooperative Association (KITA)
- REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

**PRODUCTIVITY MANAGEMENT**

Apr. 5, 1999 - Jun. 6, 1999, 10 participants

実践の総合生産性向上

J-99-00355

- PURPOSE** The course is designed to update the administrative and managerial skills of personnel who are currently engaged in the administration or management of production, or related job or position.
- MAIN FEATURES OF CURRICULUM** The highlight of the program is the in-plant practice for productivity improvement. Main topics by lecture: Production control and system, Improvement of total productivity, Implementation of low cost automation, Basic design of training for human resource development, Main practice: Productivity improvement practice in plant
- QUALIFICATION OF APPLICANT** (1) official presently in charge of plant management in manufacturing sector in central or provincial governments or in local bodies, with 5 or more years of work experience in this field, or those who have same status more than managers in private company (2) have sufficient practical knowledge and ideas on: (a) improvement of plant-level productivity (b) production management techniques and their application methods (c) practical methods of quality control, cost control and delivery time control (d) reduction of constraints which hinder productivity (e) improvement of overall plant operations which hinder productivity (3) have sufficient leadership concerned on total productivity improvement through administration and management of production (4) university graduate or equivalent (5) between 30 and 40 years of age
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Japan Productivity Center for Socio-Economic Development (JPC-SED)
- REMARKS**

**FOREIGN TRADE DEVELOPMENT FOR LEADERS**

Aug. 30, 1999 - Dec. 5, 1999, 10 participants

貿易促進のための指導者

J-99-00208

- PURPOSE** The purpose of the course is to provide leading officers presently in charge of foreign trade administration with practical knowledge of Japanese market and various aspects of international transactions through lectures and observations (field trips). It also provides the knowledge of Japanese historical experience in achieving economic development through trade promotion, as well as Japanese trade practice, thus assisting the participants to figure out effective measures for trade development to Japan.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects, through lectures and field trips: (1) theoretical analysis of economic development and trade (2) historical analysis of Japanese experience of economic development (3) role of small and medium scale trading companies (4) multilateral analysis of Japanese market (5) business practice of trade transaction (a) Japanese distribution system (b) consumer behavior (6) trade promotion to Japanese market (7) case study on trade business (a) field trip
- QUALIFICATION OF APPLICANT** (1) university graduates or equivalents with occupational experience of more than three years (2) leading officers in administration of foreign trade (3) no less than 26, and not more than 40 years of age
- TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Kobe International Association (3) Kobe University (4) Kobe Customs House, Ministry of Finance
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 8 days.

**INTELLECTUAL PROPERTY RIGHTS**

May 4, 1999 - Aug. 1, 1999, 10 participants

国際知的財産権

J-99-00486

- PURPOSE** This course is intended for specialists who are in a leading post to prepare and promote policies and measures for technology transfer and for the protection of intellectual properties. The participants will be trained in highly specialized matters such as legal practices regarding technology transfer and legislation regarding intellectual properties in Japan. The course aims not only to help foster specialists in technology trade but also to develop and promote legal systems for the protection of intellectual properties.
- MAIN FEATURES OF CURRICULUM** This course consists of lectures, tutorial studies and discussions including final symposium. The main themes are: (1) outline of Japanese law (2) intellectual property right system in general (3) IPR in Japan: Industrial Property Rights, Copyright Act, Unfair Competition Prevention Act (4) legal practices concerning technology transfer (5) tutorial instruction (6) case study (7) symposium on intellectual property rights (a) participants are requested to report on the current issue regarding the trend of intellectual property rights in their countries
- QUALIFICATION OF APPLICANT** (1) senior administrators in charge of legislation of intellectual property rights or in charge of policy making, or in the position of making technical suggestion in their fields with practical experience of at least 3 years in this field (2) under 45 years of age
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Kyoto Comparative Law Center
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

**SEMINAR ON COMPREHENSIVE TOURISM II**

Jun. 1, 1999 - Jul. 25, 1999, 16 participants

総合観光セミナー II

J-99-00070

1. **PURPOSE** The purpose of this seminar is to furnish participants with skills and know-how to promote tourism in a sustainable manner in each of their countries.
2. **MAIN FEATURES OF CURRICULUM** In this seminar, the following major subjects will be covered through lectures, discussions, presentation and observations. (1) Japanese tourism policy and related industries (2) concrete development methods for marketing and advertising for international tourism promotion (3) concrete development methods for marketing and advertising for domestic tourism promotion
3. **QUALIFICATION OF APPLICANT** (1) university graduates or the equivalent (2) currently engaged in tourism promotion activities in the governmental or other public tourism organizations with the occupational experience of more than three years (3) under 40 years of age
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Transport Policy Bureau, Ministry of Transport (3) International Tourism Development Institute of Japan (ITDIJ)
5. **REMARKS**

**JAPANESE LANGUAGE FOR TECHNICAL COOPERATION**

Sep. 23, 1999 - Apr. 2, 2000, 11 participants

技術協力のための日本語

J-99-00121

1. **PURPOSE** The purpose of this course is to provide Japanese language training for those who are directly or indirectly engaged in technical cooperation projects of JICA, so that they will (1) facilitate better communication with JICA experts in Japanese, (2) promote smoother and more effective implementation of JICA cooperation projects, (3) understand Japanese people, society and culture.
2. **MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on lectures, practice and field trips. The main themes are: (1) writing practice of Hiragana, Katakana, and Kanji (Chinese Character) (2) pronunciation (3) basic sentence structure (4) conversation (5) reading and composition skills.
3. **QUALIFICATION OF APPLICANT** (1) presently engaged directly or indirectly in JICA's cooperation programmes (2) university graduate or equivalent (3) under 35 years of age, except ex-Japanese Course participants (4) wait at least one year before reapplying for this course in the case of ex-Intensive Japanese Language Course participants
4. **TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Japan International Cooperation Center (JICE)
5. **REMARKS**

**JAPANESE LANGUAGE FOR TECHNICAL COOPERATION (INTERMEDIATE AND ADVANCED LEVEL)**

Sep. 23, 1999 - Apr. 2, 2000, 5 participants

技術協力のための日本語(中上級)

J-99-00422

1. **PURPOSE** The purpose of this course is to provide Japanese language training for those who are directly or indirectly engaged in technical cooperation projects of JICA and also be able to speak basic Japanese, so that they will (1) facilitate better communication with JICA experts in Japanese, (2) promote smoother and more effective implementation of JICA cooperation projects (3) understand Japanese people, society and culture.
2. **MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on lectures, practice and field trips. The main themes are: (1) writing practice of Kanji (Chinese Character) (2) pronunciation (3) advanced sentence structure (4) conversation (5) reading and composition skills, for persons who have studied introductory Japanese.
3. **QUALIFICATION OF APPLICANT** (1) presently engaged directly or indirectly in JICA's cooperation programmes (2) have 500 basic Japanese vocabulary (3) university graduate or equivalent (4) under 40 years of age (5) wait at least one year before reapplying for this course in the case of ex-Intensive Japanese Language Course participants.
4. **TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Japan International Cooperation Center (JICE)
5. **REMARKS**

**PRODUCTION OF AUDIO VISUAL COMMUNICATIONS MEDIA**

May 6, 1999 - Aug. 27, 1999, 8 participants

視聴覚メディア制作

J-99-00437

1. **PURPOSE** The purposes of this course are (1) to introduce basic theory and practice of audiovisual technology in the area of IEC (Information, Education and Communications) to the participants who are engaged in production and utilization of the audiovisual media (2) to enhance production and the effective application of audiovisual media in human communication by the participants' organizations
2. **MAIN FEATURES OF CURRICULUM** The emphasis of this course is put on the basic production skills of audiovisual media. Main subjects covered in the course are: (1) basic theories in audiovisual communications media (2) basic video (3) desk top publishing (4) slide (5) other presentation media (6) final production
3. **QUALIFICATION OF APPLICANT** (1) person who plays a role in planning, production and utilization of audiovisual media with two to five years of experience. This course is not designed for those who are working in television stations (2) university graduate or equivalent (3) under 40 years of age
4. **TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Japan International Cooperation Center (JICE)
5. **REMARKS**

**DESIGNING AND PRODUCING DIGITAL/MEDIA FOR EDUCATION**

Jan. 6, 2000 - Apr. 29, 2000, 8 participants

教育・訓練分野におけるデジタル/マルチメディア教材制作 J-99-00491

- PURPOSE** The purpose of this course is to foster qualified specialists who are able to produce effective and efficient educational materials. The course is designed to enable participants; (1) to learn basic theory in planning, producing and using digital media for education (2) to acquire basic production skills. Main objectives of this course are as follows; (1) To Understand basic concepts of educational media communication and apply them in practice. (2) To acquire basic production skills in digital educational materials. (3) To understand application of educational media through lectures, exercises, a field trip and case studies.
- MAIN FEATURES OF CURRICULUM** The course is made up of lectures, hands on production exercises and a field trip. Main training contents are: (1) Basic Theory: basic theory in multimedia communication, planning, designing and evaluating educational media, basic concept of the Internet (2) Basic Skill: Internet (WWW, e-mail), DTP, DTP, Digital Images both still and motion (3) Production Exercises: application of basic theory and basic skill in production multimedia material for education
- QUALIFICATION OF APPLICANT** (1) Teachers, instructors and others who have more than two years of experience in planning, producing and utilization of educational media (2) university graduate or equivalent (3) have basic skills in operation of personal computer (4) under 40 years of age
- TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Japan International Cooperation Center
- REMARKS** The course is conducted entirely in English.

**PRACTICE OF SCIENCE EDUCATION**

Aug. 30, 1999 - Oct. 31, 1999, 6 participants

科学教育実技

J-99-00460

- PURPOSE** The purpose of this course is to enable the participants to acquire appropriate techniques in teaching science at secondary level. The emphasis will be on teaching methodology by using experiment and/or observation, especially by using discarded and for natural materials.
- MAIN FEATURES OF CURRICULUM** It mainly covers: (1) basic principles of science education (2) methodology of experiment concerning physics, chemistry, biology, earth science (3) CAI (Computer Assisted Instruction)
- QUALIFICATION OF APPLICANT** (1) a secondary school science teacher or researcher on science education in an education research institute/university/college. Administrative officers are not qualified for this program (2) university graduate or equivalent (3) be not more than 35 years of age.
- TRAINING INSTITUTIONS** (1) Chugoku International Centre (CIC), JICA (2) Faculty of School Education, Hiroshima University (3) Faculty of Education, Hiroshima University (4) Hiroshima prefectural Education Center, (HIPEC).
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

**VIDEO PRODUCTION FOR INSTRUCTIONAL, TRAINING AND PROMOTIONAL ACTIVITIES**

Aug. 19, 1999 - Dec. 17, 1999, 8 participants

ビデオ制作

J-99-00473

- PURPOSE** The course is designed to help participants acquire fundamental knowledge and skills production and utilization of video media for educational training and its spread in participating countries.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on video program production. The main themes are: (1) basic theory of audiovisual communication (2) case study of utilization of video media (3) technique of video materials and production (4) exercises (5) observation (6) final production
- QUALIFICATION OF APPLICANT** (1) has been engaged in planning, production and utilization of video media in public institutions. This course is not designed for those who are working in television stations (2) having within 5 years experience (3) under 35 years of age (4) university graduate or equivalent
- TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Japan International Cooperation Center (JICE)
- REMARKS**

**SEMINAR FOR TRAINING SPECIALIST FOR SUPERVISORS II**

Jan. 17, 2000 - Mar. 12, 2000, 10 participants

監督者訓練専門家セミナー II

J-99-00016

- PURPOSE** The seminar is designed to contribute to the development of the ability of key personnel of in-house training engaged in planning and conducting the training for supervisors, foremen and workers of manufacturing industries in participating countries, by introducing to the participants, Japanese system of the training for supervisors and by providing them with necessary knowledge and information concerned.
- MAIN FEATURES OF CURRICULUM** In this seminar, the necessary emphasis is placed upon the practical knowledge of the training for supervisors, Japanese in-plant training system, the training methods of the in-plant training corresponding to the technological innovations, and the ability to pick up the idea to develop the training for supervisors, suited to the training need of the participating countries through lectures and discussions on the outline of human resources development in Japan and the training for supervisors in Japan, and through the observation tours of the related facilities and organizations.
- QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) training specialist concerned with planning and conducting the in-house training designed for foremen and other first-line supervisors, etc. (3) more than one year's working experience in the said position with the expectation to work in the same position in the future (4) between 30 and 45 years of age
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Japan Vocational Ability Development Association (JAVADA)
- REMARKS**

**SEMINAR ON HUMAN RESOURCES DEVELOPMENT  
ADMINISTRATION (VOCATIONAL TRAINING ADMINISTRATION)**

Nov. 8, 1999 - Dec. 17, 1999, 13 participants

職業能力開発行政セミナー

J-99-00346

- 1. PURPOSE** The purpose of the seminar is to introduce to the participants the current situation of human resources development administration in Japan specifically placing emphasis on vocational training, and to provide them an opportunity of making a comparative study on the said field between Japan and the participating countries as well as among their countries, and thereby to contribute to the improvement of the human resources development administration in the respective countries.
- 2. MAIN FEATURES OF CURRICULUM** To achieve the above purpose, the following major subjects have been carefully selected, so that the participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of human resources administration in their countries. (1) the economic, social and historical background and the present situation concerning the human resources development administration in Japan (2) establishment of training policy and strategy for human resources development administration in Japan (3) general methods of management and operation of various types of vocational training institutions in Japan (4) present situation of human resources development in enterprises (5) human resources development administration among the participating countries
- 3. QUALIFICATION OF APPLICANT** (1) at least a director of the department in the central government who is presently engaged in the human resources development administration (2) between 35 and 50 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Human Resources Development Bureau, Ministry of Labour
- 5. REMARKS**

**SEMINAR ON TRAINING MANAGEMENT IN  
VOCATIONAL TRAINING INSTITUTIONS**

Jun. 14, 1999 - Aug. 8, 1999, 10 participants

職業訓練管理セミナー

J-99-00345

- 1. PURPOSE** The purpose of this seminar is to introduce to the participants the current situation of the human resources development administration, and the management of vocational training institutions in Japan, and to provide them with an opportunity for making a comparative study on management and programming of vocational training between Japan and their countries as well as among the participating countries, and thereby to contribute to the improvement of vocational training in each country.
- 2. MAIN FEATURES OF CURRICULUM** To achieve the above purpose, the following major subjects have been carefully selected, so that the participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of vocational training institutions in their countries. (1) the economic, social and historical background and the present situation as well as the human resources development administration in Japan (2) the management of vocational training institutions and facilities, such as human management, operation management and physical management (3) programming of vocational training, such as training needs and development of training courses (4) the management of vocational training institutions and facilities in the participating countries
- 3. QUALIFICATION OF APPLICANT** (1) heads presently engaged in management of a vocational training institution, with the expectation to continue to work in the same field (2) between 30 and 50 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Human Resources Development Bureau, Ministry of Labour
- 5. REMARKS**

**VOCATIONAL TRAINING INSTRUCTORS  
(ARCHITECTURAL ENGINEERING)**

Apr. 5, 1999 - Dec. 19, 1999, 5 participants

職業訓練指導員(建築工学)

J-99-00377

- 1. PURPOSE** The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course, comprised of lectures and practices, mainly covers: (1) production system of construction (2) spatial structures (3) building equipment and indoor environmental engineering (4) seismic engineering (5) building construction
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in vocational training as an instructor of architectural engineering or related field at a vocational training center, junior college or university (2) university graduate with at least three years of occupational experience in this field (3) not less than 25 and not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).

**VOCATIONAL TRAINING INSTRUCTORS  
(ELECTRONIC ENGINEERING) II**

Apr. 5, 1999 - Dec. 19, 1999, 10 participants

職業訓練指導員(電子工学)II

J-99-00378

- 1. PURPOSE** The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course, comprised of lectures and practices, mainly covers: (1) electronic devices (2) control engineering (3) optical electronic (4) electromagnetic wave engineering (5) Electronic Circuits Engineering.
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in vocational training as an instructor of electronic engineering or related field at a vocational training center, junior college or university (2) university graduates (except doctorate degree holder) with at least three years of occupational experience in this field (3) not less than 25 and not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).



**VOCATIONAL TRAINING INSTRUCTORS  
(WOODWORK ENGINEERING AND DESIGN)**

Apr. 5, 1999 - Dec. 19, 1999, 5 participants

職業訓練指導員(造形工学)

J-99-00136

- 1. PURPOSE** The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course, comprised of lectures and practices, mainly covers: (1) woodworking system in production (2) furniture construction (3) mechanical processing (4) NC router machining (5) testing properties of wood and wood bases materials
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in vocational training as an instructor of woodwork engineering (2) not less than 25 and not more than 40 years of age (3) not to be a former participants of the course.
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).

**VOCATIONAL TRAINING INSTRUCTORS  
(INFORMATION AND COMPUTER ENGINEERING)**

Apr. 5, 1999 - Dec. 19, 1999, 9 participants

職業訓練指導員(情報工学)

J-99-00504

- 1. PURPOSE** The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, in order to share the outcomes of the training to enhance technical standard and productivity in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course, comprised of lectures and practices, mainly covers: (1) computer software (2) computer hardware (3) logical circuit (4) digital signal processing (5) data communication
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in vocational training as an instructor of information and computer engineering at a vocational training center, junior college or university (2) university graduates with at least three years of occupational experience in this field (3) not less than 25 and not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).

**VOCATIONAL TRAINING INSTRUCTORS  
(MECHANICAL ENGINEERING)**

Apr. 5, 1999 - Dec. 19, 1999, 15 participants

職業訓練指導員(機械工学系)

J-99-00575

- 1. PURPOSE** The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of 2 subcourses. A) Mechanical Engineering for Production and B) Automotive Mechanical Engineering. Mechanical Engineering for Production, comprised of lectures and practices, mainly covers: (1) machining technology (2) precision measurement (3) deformation on processing (4) numerical control equipment (5) material testing. Automotive Mechanical Engineering, comprised of lectures and practices, mainly covers: (1) Materials for Automobile (2) Mechanism of Automobile (3) Automotive Engineering (4) Internal Combustion Engines (5) Air-Conditioning of Automobile.
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in vocational training as an instructor of mechanical engineering for industry or automotive mechanical engineering at a vocational training center, junior college, university (2) university graduates with at least three years of occupational experience in this field (3) not less than 25 and not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).
- 6. OTHER** Number of participants; 8 participants (Mechanical Engineering for Production), 7 participants (Automotive Mechanical Engineering)

**SEMINAR ON ENHANCING VOCATIONAL  
TRAINING**

11 participants

職業訓練向上セミナー

J-99-00632

- 1. PURPOSE** UNDER PLANNING
- 2. MAIN FEATURES OF CURRICULUM** UNDER PLANNING
- 3. QUALIFICATION OF APPLICANT** UNDER PLANNING
- 4. TRAINING INSTITUTIONS** OVERSEAS VOCATIONAL TRAINING ASSOCIATION (OVTA)
- 5. REMARKS**

## MECHATRONICS

Apr. 19, 1999 - Jan. 27, 2000, 8 participants

メカトロニクス訓練

J-99-00571

- 1. PURPOSE** The purpose of this training course is to offer skill improvement training to personnel who are currently involved in machining technology and who wish to acquire comprehensive knowledge, skills and techniques related to mechatronics technology. The course further aims to impart to them an understanding of the present situation of mechatronics in Japanese industry through on-site observation and to make them aware of the importance of relevant technologies and standardization of quality and processing, which are indispensable to the introduction of mechatronics in their countries. With this knowledge it is hoped participants will be in a position to contribute to the human resources development of their home countries. Participants should be intending to resume their activity in this field after completion of the course.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on workshop practice and introduction of Japanese experience. The main themes are: (1) production engineering (2) machining technology (3) control technology (4) XY table production and assembly
- 3. QUALIFICATION OF APPLICANT** (1) instructor at technical high school or vocational training school in the field of mechanical or machining technology (a) only applicable to the persons who have completed all the basic mechanical subjects, the person of the electrical fields will be excluded from its application (2) university graduate or equivalent (3) between 25 and 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Osaka Prefectural Higashi-Yodogawa Advanced Vocational Training School (HAVOT)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

## BIOTECHNOLOGY

Mar. 21, 2000 - Jul. 24, 2000, 8 participants

バイオテクノロジー

J-99-00389

- 1. PURPOSE** The purpose of the course is to provide graduates who majored in biotechnology and bioscience, mainly in the fields utilizing higher plants and microorganisms, in a university or the equivalents with fundamental and practical knowledge required for the effective application of biotechnology.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of fundamental and practical knowledge on the following subjects through lecture, practice and study tours. (1) lecture: general principles of biotechnology utilizing microorganisms, biotechnology utilizing plants, etc. (2) laboratory: works plant and cell engineering application of plant tissue culture techniques, etc. (3) observation tours: observation of institutes concerned with crop genes, application of microbial activities, etc.
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in research work and have more than three years of occupational experience in this field (2) university graduates or equivalents (3) not less than 26 and not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Faculty of Agriculture, Kobe University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

## ROBOT TECHNOLOGY (CONTROL DEVICES)

Aug. 16, 1999 - Feb. 13, 2000, 5 participants

ハイテクロボット制御技術(職業訓練指導員)

J-99-00313

- 1. PURPOSE** The purpose of this course is to provide senior instructors of vocational training institutes with an opportunity to acquire up-to-date technology and knowledge in the field of controls for robot.
- 2. MAIN FEATURES OF CURRICULUM** This course covers the following topics. (1) sensor devices (2) measuring and control (3) small motors and their control technology (4) speed control induction motor (5) sequence control technique (6) computer application technology (7) power electronics (8) Special Lecture
- 3. QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (except doctor degree holders) (2) engaged in vocational training/education (3) more than 3 years' experience in the said field, and not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Polytechnic University (PTU), Employment Promotion Corporation (EPC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four weeks (100 hours).

## MUSEUM MANAGEMENT TECHNOLOGY (COLLECTION, PRESERVATION, EXHIBITION)

Aug. 2, 1999 - Jan. 19, 2000, 7 participants

博物館技術(収集・保存・展示)

J-99-00617

- 1. PURPOSE** The purpose of this course is to provide comprehensive knowledge on the role and function of contemporary museums both in theory and practice, in order to train experts who are expected to take leading roles in administration and management of museums which will contribute to the promotion of tourism and will be the center of educational and cultural activities.
- 2. MAIN FEATURES OF CURRICULUM** This course includes lectures and practices on the role and function of modern museums by introducing accumulated knowledge and experience in Japan: (1) introduction of museology (2) filing and recording (3) exhibition technique (4) preservation (5) public relation and educational activity (6) facilities and equipments.
- 3. QUALIFICATION OF APPLICANT** (1) specialist with at least 3 years of experience in the field of management and administration of museums (2) university graduate or person with equivalent technical qualification in the field (3) between 25 and 45 years of age.
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) National Museum of Ethnology (3) Japan International Cooperation Center.
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 3 weeks (75 hours).

**TUBERCULOSIS CONTROL II**

May 4, 1999 - Aug. 15, 1999, 16 participants

結核対策 II

J-99-00030

- PURPOSE** The purpose of the course is to give training to key organizers of the national tuberculosis programme in the modern methods of tuberculosis control, in order to prepare them for developing or promoting the programme in a rational, realistic and efficient manner under their own country's socio-economic conditions.
- MAIN FEATURES OF CURRICULUM** Through the intensive lectures with discussions, practical training, seminars, workshops, field observations, etc. in this training course, it is so designed that the participants will acquire: (1) the abilities in formulating, implementing and evaluating a national tuberculosis programme based on the cost-benefit relationship (2) epidemiological view of tuberculosis control (3) understanding of the way to protect healthy people from tuberculosis (4) understanding of how to cut the chain of transmission of tuberculosis
- QUALIFICATION OF APPLICANT** (1) a medical officer who is engaged in the national tuberculosis control programme, preferably having, or going to have, a leading role in the programme, excluding those who are engaged in clinical work (2) not more than 45 and not less than 30 years of age
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Research Institute of Tuberculosis (RII), Japan Anti-Tuberculosis Association
- REMARKS** The participants will be required to take examinations for the qualification of Diploma of Tuberculosis Control and Epidemiology from the Research Institute of Tuberculosis when the training is completed. The participants should bring updated information on the health status and tuberculosis activities, manual of national tuberculosis control programme, recording form of tuberculosis patients, etc. of their countries.

**CLINICAL ONCOLOGY II**

Aug. 17, 1999 - Oct. 24, 1999, 8 participants

がん対策 II

J-99-00068

- PURPOSE** The purpose of this training course is to provide the participants with an opportunity to acquire the latest knowledge and technique of cancer diagnosis and treatment established in Japan.
- MAIN FEATURES OF CURRICULUM** This training course mainly consists of two parts, i.e., lecture session which all the participants are expected to attend, and individual programme to be conducted in accordance with the participants' respective specialities. Through the training programme, the participants are expected to: (1) create a better understanding on various aspects of cancer diagnosis and treatment, and (2) acquire the latest knowledge and technique in their respective field
- QUALIFICATION OF APPLICANT** (1) licensed physician authorized by their governments and specialized in cancer diagnosis and its treatment (2) strictly less than 35 years of age and have clinical experience of more than three years in cancer diagnosis and its treatment
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Cancer Center (NCC)
- REMARKS**

**EARLY GASTRIC CANCER DETECTION AND RELATED DIGESTIVE TUMORS II**

Jan. 11, 2000 - Mar. 8, 2000, 14 participants

早期胃癌診断 II

J-99-00144

- PURPOSE** The purpose of this course is to introduce participants to the various characteristics of cancers and to the fundamental and the latest knowledge and techniques concerning the detection of early gastric cancer, ulcer, polyp and related digestive tumors. It also aims to enable participants to become competent enough to assume responsible duties after returning to their home countries, to contribute to the early detection of gastric cancer and related digestive tumors and finally, to improve health standards in their respective countries.
- MAIN FEATURES OF CURRICULUM** This course is focused on the introduction of fundamental and latest knowledge in Japan by means of lectures, hospital training on each participant's speciality (either Radiology, Endoscopy, or Histopathology), and case studies (practice reading). The major subjects to be treated in the lectures are: (1) general radiology (general information, X-ray studies, diagnosis of elevated/depressed lesions, radiodiagnosis of minute lesions, screening and epidemiological studies, etc.) (2) endoscopy (general information, gastric biopsy, diagnosis and treatment of esophageal diseases, magnification endoscopy, duodenoscopy, diagnosis of cancer of colon, etc.) (3) histopathology (method of histopathological examination, histogenesis of gastric cancer) (4) chemotherapy (5) echography (6) diagnosis of cancer of liver, pancreas and gallbladder
- QUALIFICATION OF APPLICANT** (1) graduate of a medical college or the medical department of a university, who majored in gastroenterology with more than seven years of practical experience in diagnosing cancer, gastritis, ulcer and polyp of the stomach and its adjacent region in the field of radiology, endoscopy, biopsy or pathology (2) able to give a report on respective fields which may include the applicant's prior scientific presentations, studies abroad, or other pertinent information (3) able to assume such responsible duties as chief instructor, professor or specialist in the aforementioned fields after returning to their respective countries (4) under 45 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Foundation for Detection of Early Gastric Carcinoma
- REMARKS**

**CARDIOVASCULAR DISEASES**

Aug. 16, 1999 - Dec. 2, 1999, 7 participants

循環器病対策

J-99-00273

- PURPOSE** The purpose of this course is to help the specialists to improve their ability in the fields of cardiovascular and related diseases through discussions, observations and practices of laboratory examinations.
- MAIN FEATURES OF CURRICULUM** This course consists of individual and specialized training in a given department of the National Cardiovascular Center. Each participant is to choose one of the following departments: (1) department of medicine: cardiac division (2) department of medicine: cerebrovascular division (3) department of medicine: division of hypertension, renal division (4) department of medicine: division of arteriosclerosis and metabolism (5) department of cardiovascular surgery (6) department of cerebrovascular surgery (7) department of anesthesiology (8) department of pediatric cardiology (9) department of radiology (10) department of preventive medicine (11) department of pathology (12) department of perinatology
- QUALIFICATION OF APPLICANT** (1) licensed physician and surgeon authorized by their government (2) occupational experience of at least two years in diagnosis and treatment of cardiovascular diseases (for the applicants who wish to specialize in perinatology, the required duration of occupational experience is minimized; experience of less than two years is enough for application), (3) under 35 years of age
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) National Cardiovascular Centre (NCVC)
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two week.

## RESEARCH FOR TROPICAL MEDICINE

Jan. 10, 2000 - Dec. 18, 2000, 9 participants

熱帯医学研究

J-99-00324

- 1. PURPOSE** The purpose of this course is to invite junior or senior scientists to Japan and give them the specialized research training in the area of tropical medicine.
- 2. MAIN FEATURES OF CURRICULUM** The Institute of Tropical Medicine, Nagasaki University offers some research subjects in collaboration with ten (10) departments; (1) pathology (2) environmental physiology (3) parasitology (4) virology (5) bacteriology (6) protozoology (7) medical entomology (8) biochemistry (9) internal medicine (10) social entomology. Although the course consists of those lectures, the basic research through experimental works is provided to the participants.
- 3. QUALIFICATION OF APPLICANT** (1) presently employed either at the Ministry of Health or medical research laboratory (2) medical doctor or graduate from a faculty of biology, pharmacy or agriculture or have at least three years of occupational experience in medical field (3) not less than 24 and not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Institute of Tropical Medicine, Nagasaki University
- 5. REMARKS** A compulsory 90-hour Japanese language course will be conducted during the technical training period.

## INFECTIOUS DISEASE MEDICINE

Jan. 4, 2000 - Mar. 19, 2000, 5 participants

臨床感染症学研修

J-99-00423

- 1. PURPOSE** The purpose of this course is to share the Japan's experience in the control and management of infectious diseases with participants from developing countries. The course will also give the participants new knowledge on recent problems in the field, such as nosocomial/opportunistic infections and emerging infectious diseases.
- 2. MAIN FEATURES OF CURRICULUM** This course will be conducted in the form of individual training, lectures and visit to other facilities. The participants will have an individual programme at an appropriate division in accordance with their respective specialities for a certain period. Through the training programme, the participants are expected to: (1) understand basic strategies against infectious diseases (2) advance knowledge on infectious diseases (3) be able to diagnose infectious disease correctly (4) be able to examine patients with infectious diseases adequately (5) be able to treat patients with infectious diseases appropriately (6) be able to perform disinfection and aseptic techniques (7) be able to apply the knowledge to medical practice after returning to their respective countries
- 3. QUALIFICATION OF APPLICANT** (1) licensed physician authorized by his/her government, and have a clinical experience of more than five years (2) between 29 and 34 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Medical Center of Japan
- 5. REMARKS**

## MICROBES DRUG RESISTANCE AND ITS CONTROL

Nov. 8, 1999 - Apr. 9, 2000, 8 participants

薬剤耐性病原体の実験室診断

J-99-00619

- 1. PURPOSE** The purpose of this training course is to provide participants with knowledge and techniques required for the management of laboratory activities, and production, evaluation and quality control of agents and media in their laboratories.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on practical exercise in the laboratory. The subjects covered in the course are: (1) basic lectures (a) host-microbe interaction (b) quality control of biological products, especially of vaccines (c) pathogenic vibrios (d) serological diagnosis of toxic diseases (e) antimicrobial susceptibility testings-principle and practice (f) bacterial toxin (g) quality control of blood products (h) drug distribution system and quality control (i) Mechanism of drug resistance in bacteria (j) recent topics of viral infections (k) recent topics of bacterial infections (l) laboratory biosafety control (m) bacterial toxin and intestinal colonization (n) control of infectious diseases in developing countries (o) bacteriology (2) special lectures (a) surveillance of nosocomial infections (b) epidemiology and control of nosocomial pneumonia (c) nosocomial infection and laboratory (d) nosocomial infection and viral hepatitis (e) antimicrobial agents and MRSA
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor or specialist in pharmacology, agriculture, or biology, and at the same time, managers of middle level or above, in fields related to the course (2) 45 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (3) Kumamoto National Hospital
- 5. REMARKS** A compulsory 75 hour Japanese language course will be conducted prior to the technical training

## OCCUPATIONAL HEALTH

Aug. 2, 1999 - Dec. 2, 1999, 10 participants

産業医学

J-99-00305

- 1. PURPOSE** The purpose of the course is to provide participants with basic concepts and fundamental knowledge of occupational health. The knowledge obtained through the course will enable them to organize and conduct research planning, management and administration in order to prevent occupational diseases and to improve health conditions of workers in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** The training course consists of five main parts, that is (1) lectures on occupational health (2) field trips (3) elective seminar (4) presentation (5) course on biostatistics and data management with computer. The following major subjects for occupational health are covered in the course: (1) general principle of occupational and environmental health (2) occupational epidemiology and biostatistics (3) occupational health in agriculture (4) occupational diseases (5) occupational disorders due to physical factors (6) occupational toxicology (7) work physiology and psychology (8) ergonomics and management (9) evaluation of work environment (10) control of work environment (11) occupational safety and health administration & law (12) occupational health service
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor in principle (university graduate with more than three years of professional or academic experience in the field of occupational health would be approved) (2) presently engaged or expected to be in the field of occupational health (3) 40 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) University of Occupational and Environmental Health, Japan (3) Rosai Hospital for Silicosis, Labor Welfare Projects Corporation
- 5. REMARKS** A compulsory 25 hour Japanese language course will be conducted prior to the technical training.

**SEMINAR ON ERADICATION OF VACCINE PREVENTABLE DISEASE**

Jul. 26, 1999 - Aug. 30, 1999, 7 participants

ワクチン予防可能疾患の根絶セミナー

J-99-00604

- 1. PURPOSE** The purpose of this course is to provide middle level managers of the health services with information on: (1) analysis of the history of past polio eradication programmes and elements needed for the success of the programmes, (2) setting-up of practical eradication methodology and management of field programme based on aforementioned (1), (surveillance, diagnosis, vaccination, etc.), and (3) review of global eradication programmes, especially the programmes of WHO Western Pacific Region.
- 2. MAIN FEATURES OF CURRICULUM** In this seminar, the emphasis is put on report presentation of polio eradication plan in each participants' country through discussions, lectures and field survey practice. The subjects covered in the seminar are: (1) basic lectures (a) virology and epidemiology poliomyelitis (b) pathology poliomyelitis (c) clinical features of poliomyelitis (d) production of oral polio vaccine (e) maintenance of cold chain (f) laboratory diagnosis management specimens (g) laboratory diagnosis management of diagnostic technique and feedback to field (h) relationship between EPI and polio eradication efforts (2) special lectures (a) introduction to poliomyelitis eradication strategy (b) international health and medical cooperation (multi/bilateral/NGO) (3) programme management (4) case study (5) field action and field trips (6) practice laboratory diagnosis (7) group discussion and study (8) presentation and discussions of Country Report
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor of (2) person of equivalent position manager responsible for the national EPI and/or the polio eradication programme (3) 50 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health
- 5. REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

**VACCINE QUALITY CONTROL TECHNOLOGY**

Jul. 12, 1999 - Dec. 18, 1999, 6 participants

ワクチン品質管理技術

J-99-00367

- 1. PURPOSE** The participants are expected to acquire quality control technology for an acceptance inspection of their domestically produced or imported vaccines and techniques for preserving, transporting or using vaccine correctly in their countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and group work at laboratory. Common subjects are: (1) quality control technology for measles vaccine and DPT vaccine. (2) effect of transportation and preservation conditions on the vaccine quality (3) good manufacturing practice. Participants will be divided into 2 groups to cover one of the following subjects: (a) measles virus vaccine (b) diphtheria pertussis-tetanus combined vaccine
- 3. QUALIFICATION OF APPLICANT** (1) university/college graduate or equivalent with occupational experience of more than three years in developing, manufacturing and quality control of biological products (2) under 35 years of age (3) engaged in the same field after returning to their country
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Research Foundation for Microbial Diseases of Osaka University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four weeks.

**NEONATAL AND INFANTILE SCREENING**

Jan. 10, 2000 - Mar. 27, 2000, 8 participants

新生児・乳児マス・スクリーニング

J-99-00492

- 1. PURPOSE** The course is designed to upgrade knowledge and technique of mass-screening in the field of neonatal and infantile screening for inherited disorders and related diseases.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on the technical exercises. It mainly deals with: (1) inborn errors of metabolism (2) congenital hypothyroidism (3) congenital adrenal hyperplasia (4) neuroblastoma
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor or have a doctorate in medical science and also be planning to organize neonatal and infantile screening (2) university graduate or equivalent (3) over 25 and under 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Hokkaido International Centre, Sapporo (HICS), JICA (2) Sapporo City Institute of Public Health
- 5. REMARKS**

**SEMINAR ON EVALUATION OF DRUG EFFICACY**

Mar. 20, 2000 - Jul. 2, 2000, 6 participants

医薬品の効果判定セミナー

J-99-00471

- 1. PURPOSE** The purpose of this course is to provide senior researchers and middle level managers who are responsible for the evaluation of drug efficacy including traditional medicine (crude drugs) with information on: (1) management of laboratory activities (2) development of new drugs (3) basic and advanced knowledge of production (4) evaluation and quality control of drugs
- 2. MAIN FEATURES OF CURRICULUM** The seminar offers information on efficacy, safety and stability of drugs (including traditional drugs) as well as technology for development of new drugs to utilize medical resources. The subjects covered in the seminar are: (1) evaluation of traditional medicine (2) development of new drugs (3) production, evaluation, and quality control of biological products (4) drug disposition and pharmacokinetic analysis (5) dosage forms and administration (6) hospital pharmacy
- 3. QUALIFICATION OF APPLICANT** (1) pharmacist or medical doctor, and at the same time, senior researcher or manager responsible for the evaluation of drug efficacy or person of equivalent (2) 45 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (3) Faculty of Pharmaceutical Science, Kumamoto University
- 5. REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

### ADVANCED MEDICAL RADIOLOGICAL TECHNOLOGY

Aug. 30, 1999 - Feb. 21, 2000, 7 participants

医療放射線技術指導者

J-99-00511

- 1. PURPOSE** This course is set as an Advanced Course for "Medical Radiological Technology" (1973-1993). In view of present situation of medical radiological technology, the purpose of this course is to advance the radiological technology in developing nations. The program is designed to provide broad and practical knowledge on radiological technology and educational method for the leaders who can contribute to the implementation of the radiological technology.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of quality control, effective operation and maintenance of radiological equipment, educational method for new technology, and research for appropriate technology etc. (1) fundamental theories of radiological technology for 1 month (2) practical training at hospital for 3 months (3) discussions and case studies on appropriate technology for each country for 1 month
- 3. QUALIFICATION OF APPLICANT** The course is offered to those who take leadership in the field of radiological technology (chief technologist, chief medical physicist, director of technological school, etc. or those who are expected to be leaders in the future (Deputy chief technologist, Senior technologist or the equivalent, medical physicist, instructor of school for technologist, etc.), and also applicants should be: (1) university/college graduate or equivalent (2) radiological technologist or medical physicist having diagnostic experiences of more than five years, or instructor having experiences of teaching at school for radiological technologist (3) under 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) The School of Allied Health Sciences (Faculty of Medicine), Osaka University (3) Osaka University Hospital
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two week.

### TOTAL MEDICAL IMAGING AND RADIATION THERAPY TECHNOLOGY

Jan. 3, 2000 - Mar. 23, 2000, 15 participants

総合医用画像・放射線治療技術

J-99-00516

- 1. PURPOSE** This programme aims to invite those who are presently engaged in medical technology practices, especially in the field of medical imaging information management and radiation therapy, to provide them through lectures, practice drills and observations, with knowledge, technology and skills for practical medical technology.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of basic common training for all participants and group work for which the participants will be divided into the following two groups. Group A: Medical imaging technology (analogue and digital image processing (computed radiology, magnetic resonance imaging, computed tomography, ultrasound, etc.) will be treated). Group B: Medical imaging information management and radiation therapy technology management (archives and communication) of the medical imaging system, introduction to medicine, oncology and acquisition of radiotherapy technology will be treated.
- 3. QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) be radiographer/radiological technologist who is presently engaged in practice of diagnostic radiology, magnetic resonance imaging and ultrasound examinations (Group A) and management of total medical imaging and radiotherapy (3) recommended by the president of the association the applicants belong to and/or the president of the institution at which they work (4) under 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Japan International Medical Technology Foundation (3) related institutes
- 5. REMARKS**

### CLINICAL LABORATORY TECHNOLOGY

Nov. 9, 1999 - Feb. 11, 2000, 15 participants

臨床検査技術

J-99-00521

- 1. PURPOSE** This programme aims to invite those who are presently engaged in medical technology practices, especially in the field of clinical laboratory to provide them through lectures, practice drills and observations, with knowledge, technology skills for practical medical technology.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of basic common training for all participants and group work for which the participants will be divided into the following two groups. Group A: bacteria and parasite testing technology as a countermeasure against diarrhea caused by intestinal bacteria and parasite (Salmonella, Shigella, Yersinia, Vibrio Aeromonas, Plesimonas, Campylobacter, Clostridium, S. aureus, B. cereus, ETEC will be treated) Group B: clinical immunological technology (fundamentals and practical applications of clinical immunology).
- 3. QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) presently engaged in practices of clinical laboratory (NOTE: not be medical doctors, nurses or researchers) (3) recommended by the President of the Association the applicants belong to and/or the President of the institution at which they work (4) under 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan International Medical Technology Foundation (3) Japanese Association of Medical Technologists (4) related institutes
- 5. REMARKS**

### CLINICAL NURSING

Jul. 22, 1999 - Jan. 24, 2000, 5 participants

臨床看護実務

J-99-00341

- 1. PURPOSE** The purpose of this course is to provide the opportunity for experienced clinical nurses for the improvement of skills and the enhancement of knowledge through exposure to the theory and practice of nursing care of Japan in an effort to develop clinical nurses of high caliber with leadership quality who would serve to improve the standard of clinical nursing in participating countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all the participants and Subcourse subjects. The Subcourses to be chosen are: (1) emergency nursing/surgical nursing (2) maternal and child nursing (3) internal medicine nursing
- 3. QUALIFICATION OF APPLICANT** (1) certified staff nurse with more than five years of nursing experience (head nurse and chief nurse are not applicable) (2) under 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Chubu Hospital
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two months (220 hours).

**NURSING MANAGEMENT**

no executed in FY 99

看護管理

1. **PURPOSE** The purpose of the course is to give promising nurses an opportunity to be well-equipped administrators who will be able to upgrade the quality of nursing services in their respective countries through the study of theory and observation on nursing management.
2. **MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course; (1) health and medical situation in Japan (2) principles of management/administration (3) hospital management/administration (4) nursing management/administration.
3. **QUALIFICATION OF APPLICANT** (1) be desired to have completed the below-mentioned three training courses and have not less than three years experience after the course; (a) Group training course in "Clinical Specialized Nursing" by Okinawa International Centre, JICA (b) Groupe training course in "Specialized Nursing" by Tokyo International Centre, JICA (c) Advanced Nursing Study Course for Southeast Asian Nurses by the Ministry of Health and Welfare (entrusted its operation to International Nursing Foundation of Japan) (2) be a head nurse or in a supervising position having the one - five years of experience.
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
5. **REMARKS** The course is conducted every other year in principle. This year (in Japanese Fiscal Year 1998), it will be conducted.

**SPECIALIZED NURSING**

Apr. 4, 1999 - Dec. 5, 1999, 8 participants

専門看護

J-99-00314

1. **PURPOSE** The purpose of this training course is to enhance participants' competency on selected fields through lectures and practices so as to contribute to improving nursing services and its standard of respective countries.
2. **MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and individual practical study in the hospital in accordance with the speciality of each participant. Through the training programme, participants are expected to be able to: (1) comprehend and state the causes, symptoms, pathophysiology of diseases and its treatment and nursing care, (2) pursue comprehensive patient's management in skillful manners, (3) understand and manipulate specific medical equipment and instruments, (4) state significance, process and nursing intervention of related clinical examinations, (5) understand psychosocial aspects of patients and their families, and (6) understand expanded roles of nurses in the community.
3. **QUALIFICATION OF APPLICANT** (1) have completed a fundamental nursing education programme of three years or more (2) have more than five years of experience in nursing and more than one year of experience in caring critically ill patients (3) under 35 years of age.
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
5. **REMARKS** (1) A compulsory intensive Japanese language course will be conducted for two months prior to the technical training.

**HOSPITAL PHARMACY**

Oct. 12, 1999 - Dec. 10, 1999, 10 participants

病院薬学

J-99-00618

1. **PURPOSE** This programme is designed for those who are presently engaged in hospital pharmacy and provides knowledge, technology and skills for practical hospital pharmacy through lectures, practice drills and observations.
2. **MAIN FEATURES OF CURRICULUM** participants are expected to acquire knowledge and techniques such as the following, which are essential for hospital pharmacy in Japan: dispensing, pharmaceutical preparation, drug testing, drug control, clinical pharmacy, drug information and drug supply.
3. **QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) presently engaged in practices of hospital pharmacy (3) recommended by the President of the association the applicants belong to and/or the President of the institution at which they work (4) under 45 years of age (5) be pharmacists (not be doctors, nurses or researchers).
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan International Medical Technology Foundation (3) Japanese Society of Hospital Pharmacists (4) related institutes
5. **REMARKS**

**HOSPITAL ADMINISTRATION AND HEALTH SERVICES MANAGEMENT**

Jan. 18, 2000 - Feb. 26, 2000, 7 participants

病院管理技術とヘルスサービスマネジメント

J-99-00481

1. **PURPOSE** The purpose of this course is to introduce participants to the latest knowledge and technology in the field of health services management, laying emphasis on hospital administration, through lectures, group discussions, field visits and individual studies.
2. **MAIN FEATURES OF CURRICULUM** The following subjects will be covered in the course. (1) district/regional health facilities (a) role (b) planning (2) application of appropriate technology (3) health services (a) system (b) resource management (c) planning and evaluation (4) hospital management (5) hospital visits
3. **QUALIFICATION OF APPLICANT** (1) presently engaged in hospital administration at the top management level (e. g. director or deputy director of hospital) or government officers responsible for district health care or hospital administration (2) university graduates or equivalent (3) between 35 and 45 years of age
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Institute of Health Services Management
5. **REMARKS**

**COUNTER-MEASURE FOR IMPROVEMENT OF MATERNAL AND CHILD HEALTH INDICES**

May 4, 1999 - Jun. 13, 1999, 8 participants

母子保健指数改善対策

J-99-00519

- 1. PURPOSE** The purpose of this course is to aim to have participants develop the managerial and planning skill toward improvement of mother and child health care services through acquiring knowledge of reducing infant mortality rate (IMR) and maternal mortality rate (MMR) in their own countries by means of (1) identifying the factors of reducing the IMR and MMR in the assigned areas (2) discussing with fellow participants on their observations (3) developing their own solution for the improvement for themselves.
- 2. MAIN FEATURES OF CURRICULUM** The course is designed for the participants to review the policies and execution of work related to the IMR and MMR reducing factors through visiting hospitals, public health centre and policy making office and discussing among participants and/or with their staff. The following basic subjects are covered through lecturers (1) Japan's health policy (2) maternal health (3) child health (4) health staff service
- 3. QUALIFICATION OF APPLICANT** (1) be medical doctor, paramedical or administrative staff of higher position who are responsible for national formation of maternity and child health strategy and its execution, level of high ranking manager or middle level manager (2) be fifty 50 years of age and less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kumamoto Prefectural Center for Health and Preventive Medicine
- 5. REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

**SEMINAR ON PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS**

Jan. 18, 2000 - Feb. 12, 2000, 10 participants

国際寄生虫予防指導者セミナー

J-99-00621

- 1. PURPOSE** The purpose of this seminar is to provide the participants with an opportunity (1) to create a better understanding on tripartite activities in Japan for parasite control conducted by administrative authorities of the government, medical experts and citizens' community, (2) to broaden knowledge on Japanese method or technique and its effectiveness of parasite control programme which is considered as a step to integrated primary health care programme, and (3) to contribute to promoting public appreciation of parasite control programme and their voluntary participation in it in respective countries of the participants.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the seminar. (1) parasite control program and public health activities in Japan (a) relations between central prefectural and municipal governments/authorities (b) medical experts (c) community/voluntary institutions (2) parasitology (a) soil-transmitted helminths such as ascaris and hookworm (b) examination methods and techniques (c) deworming and treatment (d) training of medical personnels and volunteers (3) integrated parasite control program and community/family health activities
- 3. QUALIFICATION OF APPLICANT** (1) senior-level administrator or expert from government or private sector in charge of parasite control at national or local level (2) have medical or other related profession (3) under 55 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan Association of Parasite Control
- 5. REMARKS**

**COMMUNITY HEALTH SERVICES**

Mar. 6, 2000 - Jul. 1, 2000, 8 participants

地域保健指導者

J-99-00489

- 1. PURPOSE** The purpose of the course is to provide training in practical methodology for health and hygiene diagnosis in communities, improvement of health and hygiene in communities and evaluation of such understandings, with a view of fostering those who are to take leading roles in the implementation of disease prevention and countermeasures, improvement and dissemination of hygiene standard.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on the introduction of the Japanese experience on how to plan programmes of the health and hygiene services, how to make the regional health diagnosis, how to improve the health and hygiene services and how to plan the investigation and research work useful for effective execution of the health and hygiene services. The subjects covered in the course are: (1) history and current status of health care in Japan (2) emergency medical care system (3) health statistics (4) nutrition (5) data processing (with personal computer) (6) counter-measures for infectious diseases (7) degenerative diseases (8) counter-measures for diseases (9) population problems, maternal & child health and school health (10) public health activities (11) and others
- 3. QUALIFICATION OF APPLICANT** (1) have practical experience of more than three years in health hygiene work (2) between 30 and 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) St. Mary's Hospital
- 5. REMARKS** A compulsory 145 hour Japanese language course will be conducted prior to the technical training.

**SEMINAR ON HEALTH SYSTEMS MANAGEMENT**

May 18, 1999 - Jul. 13, 1999, 10 participants

公衆衛生行政管理

J-99-00455

- 1. PURPOSE** The seminar aims to improve the administrative management ability of those who are engaged in public health at developing countries. The seminar has been revised and amended from the course in "Seminar on Human Resources Development in Public Health" of the fiscal year 1998 to "Seminar on Health Systems Management" of the fiscal year 1999. Through the seminar, participants are expected: (1) to understand some methodologies of administration/management of public health, (2) to become able to make a rational plan on the basis of the above methodologies, (3) to gain the ability of running efficient and effective administration, (4) to have the capacity for leadership.
- 2. MAIN FEATURES OF CURRICULUM** (1) Outline of Public Health Administration (a) Public Health and Welfare Administration in Japan, (b) Health Sector Reform, (c) Outline of Administration and Management, (d) Case Method, (e) Personal Computer; (2) Leadership (a) Leadership; (3) Policy Planning (a) Policy and Planning of Health Medicine, (b) Proceed-Proceed Model, (c) PCM (Project Cycle Management) Exercise, (d) Case Study, (e) Field Study; (4) Evaluation for Execution (a) Evaluation & Monitoring, (b) Case Study, (c) Field Study; (5) Management of Resources (a) Management of Resources; (b) Comprehensive Management of Resources, (c) Case Study, (d) Field Study, (6) Field Study, (7) Action Plan, (8) Orientation and Evaluation
- 3. QUALIFICATION OF APPLICANT** (1) be nominated by their government, (2) be technical experts who are in charge of public health administration; as the middle level managers of Provincial Health Offices and of Central Ministry, (3) be engaged in the field of public health and working at educational institutions, private sectors or NGO, etc., (4) not be less than 35 years of age, (5) have a sufficient English proficiency, (6) be in good health, both physically and mentally, to undergo the training. As training over a long period may pose risks to pregnant women, pregnancy is regarded as a disqualifying condition for participation in this training course.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Institute of Public Health, Ministry of Health and Welfare
- 5. REMARKS**



**HEALTH AND ENVIRONMENTAL TECHNOLOGISTS**

May 27, 1999 - Dec. 19, 1999, 5 participants

衛生・環境分析技術者

J-99-00296

- 1. PURPOSE** The purpose of this training course is to provide participants, who are presently engaged as laboratory technologists in the field of public health, with fundamental and practical knowledge of public health technology through lectures, field work, laboratory work and observations.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and individual research work at laboratory. Each participant is to take one of the following subjects for their individual research: (1) infectious disease (2) medical zoology (3) food chemistry (4) air pollution (5) water pollution (6) snake venom and antivenin
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in research work as a laboratory technologist in the field of public health (2) university graduate or equivalent and having occupational experience of more than three years (3) under 41 years of age
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Institute of Public Health
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for eight weeks (150 hours).

**PROMOTION OF HEALTH IN AGRICULTURAL POPULATION**

Sep. 27, 1999 - Nov. 29, 1999, 8 participants

農業人口における保健対策

J-99-00490

- 1. PURPOSE** The purpose of the training course is to provide participants with information on research and control measures developed in Japan during the last five decades. The course will help participants to: (1) assess the technology to be introduced (2) formulate the plans for development of rural health services which are applicable to their respective countries or regions
- 2. MAIN FEATURES OF CURRICULUM** The major subjects covered in the course are: (1) modernization and public health in rural areas (2) importance of health policies and primary health care in rural areas (3) problems on agricultural chemicals (4) health problems in the modernizing process of agriculture and forestry (5) health problems in rural areas
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor or co-medical staff and, at the same time, manager of middle level or above, with more than five years' experience in the related fields (2) engaged in the work related to this course (3) 50 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health
- 5. REMARKS** A compulsory 20 hour Japanese language course will be conducted prior to the technical training.

**SEMINAR ON EMERGENCY/DISASTER MEDICINE**

May 5, 1999 - May 23, 1999, 8 participants

救急・大災害医療セミナー

J-99-00427

- 1. PURPOSE** This seminar is designed for senior physicians and/or administrators who are in charge of emergency and disaster medicine in emergency medical facilities and medical administrations in participating countries. Participants are encouraged to discuss the conditions and problems of their countries on emergency/disaster medicine as comparative study, thus contribute to the further development of emergency/medical services system in each country and to the development of international cooperation in the event of a disaster.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on report presentation and discussions by participants, introduction of Japanese experience and basic theories of emergency/disaster medicine. The main themes are: (1) introduction (a) medical care system in Japan (b) history of emergency medical care in Japan (2) visits (observation) (a) emergency medical system in Japan (b) disaster preparedness (c) cooperation of governmental organization and private organization (d) cooperation among hospitals/clinics in BMS (e) education on emergency medicine
- 3. QUALIFICATION OF APPLICANT** (1) A senior doctor, or an administrator engaged in measures for emergency/disaster medicine and taking leadership in emergency medical institution or medical administrative organization
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Senri Critical Medical Center
- 5. REMARKS**

**FOOD MICROBIAL CONTROL**

Jan. 10, 2000 - May 22, 2000, 6 participants

食品微生物検査技術

J-99-00361

- 1. PURPOSE** The course is designed to upgrade the technical skills of personnel who are currently engaged in food microbial control.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lecture, practice and field trip. lectures (1 week): (1) Japanese food sanitation law (2) Microbial control (3) Pathogenic bacteria and their toxins (4) Putrefaction and spoilage (5) Fungi (6) Recent trend of regulation for marine and livestock products in Japan Practice (11 weeks): A) Basic techniques (1) preparation of culture medium (2) staining microbes (3) viable count of bacteria (4) count of coliform, lactic acid bacteria B) procedures for the isolation and identification of pathogenic microbes related to food-poisoning (1) F.coli (2) staphylococcus aureus (3) pathogenic vibrios (V.parahaemolyticus, V.cholera) (4) campylobacter (5) clostridium perfringens (6) clostridium botulinum (7) listeria monocytogenes (8) B.cereus (9) fungi (10) aflatoxin observation and field trips (3 weeks): governmental or private food inspection organizations, food processing factories (meat, marine food and dairy product) and brewery plants.
- 3. QUALIFICATION OF APPLICANT** (1) research or technical officer presently engaged in food microbial control (2) University graduates and/or equivalents with occupational experience of more than three years in the field of food microbial control (3) be over twenty-six (26) and under thirty-five (35) years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Kobe Quarantine Station, Ministry of Health and Welfare (3) Kobe Institute of Health (4) Kobe Pharmaceutical University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

## MYCOTOXIN INSPECTION IN FOOD

Feb. 7, 2000 - May 22, 2000, 7 participants

食品におけるマイコトキシン検査技術

J-99-00390

- 1. PURPOSE** The purpose of the course is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this course, they are expected to be able to apply them in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lecture, practice and field trip. Lectures: (1) food sanitation law and food inspection (2) general view on mycotoxins (3) introduction to fungi (4) isolation and identification of fungi (5) *Aspergillus flavus* contamination of groundnuts and maize (6) *Fusarium* contamination of wheat and maize (7) sampling for mycotoxins (8) analysis of mycotoxins (9) control of mycotoxins (10) analysis of food preservatives. Practices: (1) method of the isolation and identification of mycotoxins-producing fungi (2) analysis of mycotoxins such as aflatoxins and *Fusarium* mycotoxins (3) analysis of food preservatives observation and field trips: government and private food inspection organization, food processing factories
- 3. QUALIFICATION OF APPLICANT** (1) technical officer or inspector presently engaged in food inspection (2) university graduate or equivalent with practical experience of not less than three years in the field of food inspection (3) not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Public Health Research Institute of Kobe City, Kobe Institute of Health
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 8 days.

## CLINICAL DENTISTRY

Apr. 12, 1999 - Aug. 18, 1999, 11 participants

歯学

J-99-00426

- 1. PURPOSE** The purpose of the course is to provide participants with the knowledge and skills of modern dentistry from fundamental to advanced level. Based on knowledge obtained through the course, participants are expected to be able to organize and conduct various activities such as examination of patients, education and administration of the dental health in order to promote the dental health systems from the viewpoint of long and short-term period service
- 2. MAIN FEATURES OF CURRICULUM** In this course, participants will acquire the theory and practical skills through the model-oriented exercise. Also extensive knowledge on the advanced theory and technology of modern dentistry will be introduced. It mainly covers: (1) advancement in basic dentistry (2) dental care delivery system and dental public health service in Japan (3) dental care for children and adolescents (4) dental caries (5) periodontal disease (6) crown bridge and denture (7) arthrosis (8) oral cancer (9) dentistry for special patient (10) dental materials and clinical practices in the up-to-date dental medicine
- 3. QUALIFICATION OF APPLICANT** (1) dentist with more than three years' professional or academic experience at academic institution, health administration or in practice (2) presently engaged or expected to be working on their return in this line (3) 40 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Faculty of Dentistry, Kyushu University
- 5. REMARKS** A compulsory 35-hour Japanese language course will be conducted prior to the technical training.

## FAMILY PLANNING ADMINISTRATION FOR SENIOR OFFICERS II

Aug. 24, 1999 - Sep. 18, 1999, 14 participants

家族計画指導者セミナー II ~政府とNGOの連携強化~

J-99-00137

- 1. PURPOSE** The aims of the seminar are mutual exchange of information, experience and ideas on reproductive health (RH) /family planning (FP) among participating countries for better administration of the programme using Japanese experience in family planning, maternal and child health care (MCH) after World War II as case studies, and country presentations which is to be made by each participant.
- 2. MAIN FEATURES OF CURRICULUM** This seminar covers the following. (1) general outline of population/RH/FP in Japan (2) coordination and collaboration between government and NGO (3) exchange of information on situations and experiences in participating countries by presentation of Country Reports (4) adolescent health and RH
- 3. QUALIFICATION OF APPLICANT** (1) high-ranking official responsible for planning administration, and implementation of the field programme by governmental/non governmental organization (NGO) for family planning (2) in order to enforce the collaboration between GO and NGO, participation from both GO and NGO respectively is indispensable (3) between 35 and 50 years of age (4) with more than five years' experience in the field of RH/FP.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)
- 5. REMARKS**

## SEMINAR ON REPRODUCTIVE HEALTH OF ADOLESCENTS

, 10 participants

思春期リプロダクティブ・ヘルスセミナー

J-99-00614

- 1. PURPOSE** The purpose of the course is: (1) to have a better understanding on the concept and develop the effective strategy of reproductive and sexual health approach for adolescents (2) to develop and utilize appropriate IEC for community-based adolescent health activities
- 2. MAIN FEATURES OF CURRICULUM** (1) Lecture (2) Research (exchange of information on situations of participant's countries) (3) Work-Shop (planning, developing appropriate IEC) (4) Observation
- 3. QUALIFICATION OF APPLICANT** Applicants should: (1) be program administrators or program implementors in the field of reproductive and sexual health of adolescents from NGO or GO (with at least three years of experience) (2) have sufficient knowledge and work experience in the field of IEC programs
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)
- 5. REMARKS**

**INTELLECTUAL DISABILITY**

May 11, 1999 - Jul. 25, 1999, 8 participants

知的障害福祉

J-99-00251

1. **PURPOSE** This course aims to enhance participants' knowledge on intellectual disabilities, to introduce Japan's welfare systems and various institutions for persons with intellectual disabilities and thus to help participants provide better systems in their respective countries.
2. **MAIN FEATURES OF CURRICULUM** The course gives lectures on various rehabilitation services and related subjects, augmented by observations of relevant facilities. A part of the curriculum gives participants an opportunity to closely survey particular institutions to deepen their understanding.
3. **QUALIFICATION OF APPLICANT** (1) a chief officer of the central or local government, working in a section responsible for the improvement of education, training, welfare services, or employment of the persons/children with intellectual disabilities, or currently in a position of director/manager (or a position responsible for planning and coordination of all activities) of an institution or special school for the persons/children with intellectual disabilities. (2) expected to continue his/her duty after he/she returns. (3) more than 30 years of age.
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan League on Intellectual Disabilities (JLID)
5. **REMARKS**

**PROSTHETIC AND ORTHOTIC TECHNICIANS**

Jul. 19, 1999 - Dec. 12, 1999, 4 participants

補装具製作技術

J-99-00321

1. **PURPOSE** The purpose of the course is to introduce participants activities in prostheses and/or the fabrication thereof to the latest knowledge and techniques of this field through lectures, drills and field tours, and thus to improve techniques in their respective countries, and ultimately to promote the rehabilitation of physically disabled persons.
2. **MAIN FEATURES OF CURRICULUM** This course is conducted in the form of lecture/discussion and practical training and mainly covers: (1) lecture (a) basic medicine (b) Introduction to prosthetics and orthotics (c) functional anatomy (d) disabilities and clinical prosthetics and orthotics (2) technical study through practice (a) B/K prosthetics (b) A/K prosthetics (c) upper extremity prosthetics (d) upper and lower orthotics
3. **QUALIFICATION OF APPLICANT** (1) have more than five years of practical experience in the production of prosthetic and orthotic devices (2) expected to become a leader in this field (3) under 45 years of age
4. **TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) National Rehabilitation Center for the Disabled (NRCD)
5. **REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four weeks (85 hours).

**REHABILITATION OF PERSONS WITH DISABILITIES  
(VOCATIONAL REHABILITATION AND WORKSHOP MANAGEMENT)**

Jun. 15, 1999 - Jul. 31, 1999, 10 participants

リハビリテーション専門家コース

J-99-00429

1. **PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation systems for persons with disabilities, especially in vocational rehabilitation and workshop management, through a variety of lectures, study visits and practical training, and to provide opportunities to exchange ideas and information among the participants in order to enable them to contribute to further development of their respective services.
2. **MAIN FEATURES OF CURRICULUM** (1) The following major subjects will be covered in the course: (a) introduction to institutional activities and framework of Japanese rehabilitation services for persons with disabilities (b) Country Report (present status of persons with disabilities and rehabilitation services in participants' countries) (c) workshop management (d) observations (community-based services) (e) wrapping-up (future action plan) (2) Through the training programme, the participants are expected to obtain efficient and practical theory and technique for managing a sheltered workshop established for the purpose of vocational and/or social rehabilitation. In order to achieve the above-mentioned objective, the participants are also requested, during the course programme, to create better understanding on the present status in Japan on medical and educational rehabilitation, social services and the relevant laws and regulations for persons with disabilities.
3. **QUALIFICATION OF APPLICANT** (1) vocational rehabilitation center/workshop managers or rehabilitation experts such as an instructor, supervisor, social worker, vocational counsellor, vocational evaluator, who resume duties on his/her return in such facilities as a sheltered workshop, work preparation centre, vocational/work evaluation centre, vocational training centre or other relevant facilities for persons with disabilities with occupational experience of more than two years (should not be a medical doctor or a nurse) (2) not less than 28 and no more than 40 years of age (3) if with any kind of disabilities, be independent in daily activities (NOTE: No attendant shall be assigned for the participant during the course.)
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Society for Rehabilitation of Persons with Disabilities (JSRPD)
5. **REMARKS**

**LEADERS OF PERSONS WITH DISABILITIES**

Sep. 28, 1999 - Nov. 13, 1999, 10 participants

障害者リーダーコース

J-99-00430

1. **PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation system for persons with disabilities and their activities and organizations in Japan, and to provide an opportunity to enhance leadership skills through exchanging idea and information among the participants and Japanese relevant personnel in order to enable them to contribute to further development of their services and further promotion of social participation of persons with disabilities in their respective countries.
2. **MAIN FEATURES OF CURRICULUM** Through the training programme, (lecture, practical training, country report presentation, etc.) the participants are expected to create a better understanding on the following: (1) analysis of the present status of persons with disabilities and identification of their requirement (2) promotion of institutional activities of persons with disabilities (3) improvement of a comprehensive public information programme on the rights and requirements of persons with disabilities (4) vigorous activities by organizations of persons with disabilities in Japan in collaboration with the government and the public for promoting social participation of persons with disabilities
3. **QUALIFICATION OF APPLICANT** (1) disabled person who is leader of organization/group of persons with disabilities with more than three years of experience in the relevant field (2) not less than 25 and no more than 40 years of age (3) be independent in daily activities (NOTE: No attendant shall be assigned for the participant during the course.)
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Society for Rehabilitation of the Disabled
5. **REMARKS**

**SPORTS INSTRUCTOR OF PHYSICALLY  
DISABLED PERSONS**

Oct. 5, 1999 - Nov. 20, 1999, 10 participants

身障者スポーツ指導者

J-99-00456

- 1. PURPOSE** The purpose of this training course is to introduce the participants who are presently engaged in social welfare activities for physically disabled people to the present situation of sports activities as well as sports leadership and game administration for disabled persons in Japan in order to contribute to further development of sports activities for the disabled in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** (1) The following major subjects will be covered in the course: (a) social welfare and rehabilitation system in Japan (lectures and study visits) (b) sports for the disabled (lectures, practices and study visits) (c) discussions to exchange information (2) Through the training programme, the participants are expected to: (a) educate sports leaders for the disabled in their respective countries (b) plan and develop sports activities and recreational programmes for people with various types of disabilities, and (c) contribute to advancing athletic skills of disabled people to a competitive level.
- 3. QUALIFICATION OF APPLICANT** (1) workshop manager or a rehabilitation expert with more than three years experience such as a social worker, therapist, sports or rehabilitation trainer for the physically disabled (except medical doctors and nurses). Special school teacher and the leading disabled athletes are applicable if their participation satisfied the purpose of this course (2) not less than 25 and not more than 40 years of age (3) be independent in daily activities (NOTE: No attendant shall be assigned for the participants during the course.)
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre, JICA (2) Japanese Sports Association for the Disabled
- 5. REMARKS**

**LABOUR STATISTICS FOR POLICY PLANNING  
SEMINAR**

Nov. 1, 1999 - Dec. 12, 1999, 8 participants

労働統計・政策セミナー

J-99-00598

- 1. PURPOSE** The purpose of this seminar is to introduce participants to the present situation of compilation and utilization of labour statistics for policy planning in Japan with reference to its development process, and to offer an opportunity for making a comparative study between Japan and their countries, as well as among the participating countries, and thereby to contribute to the development of labour statistics and labour administration in the countries.
- 2. MAIN FEATURES OF CURRICULUM** This seminar aims to present Japanese experience in this field as a case study and it mainly covers: (1) outline of the system and the operative condition on the labour statistics in Japan (2) utilization of the labour statistics for labour policy planning (3) comparative study
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in labour statistics administration or in labour administration with labour statistics administration career (2) university graduate or equivalent (3) not more than 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Policy Planning and Research Bureau, Ministry of Labour
- 5. REMARKS**



***TRAINING COURSES SPECIALLY OFFERED***

(一般特設コース)



TRAINING COURSES SPECIALLY OFFERED

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**SEMINAR ON ODA LOANS**

Nov. , 1999 - Nov. , 1999, 22 participants

ODAローンセミナー

J-99-03316

1. **PURPOSE** This seminar is designed: (1) to facilitate smooth and effective implementation of OECF loans, by enhancing participants' understanding of its system and procedures through lectures and discussions. (2) to exchange views on operation of OECF loans among participants and the officials of the OECF.
2. **MAIN FEATURES OF CURRICULUM** The curriculum is made up of the following subjects. (1) seminar on OECF loans: (a) roles and activities of OECF in Japan's economic cooperation (b) types of OECF loans (c) OECF project cycle and loan procedures (d) presentation and discussion of Country Report prepared by participants (2) Japan's Official Technical Cooperation and Grant Aid (3) Japan's ODA Policy etc. (4) Presentations and Discussions based on Country Reports (5) Visits to public sector projects, hi-tech factories
3. **QUALIFICATION OF APPLICANT** (1) senior officer of a competent government office in charge of matters directly related to overall administration of OECF loans (2) have work experience of at least two years in the field of foreign aid receiving and development project (3) university graduate or equivalent (4) desirably between 30 and 45 years old of age
4. **TRAINING INSTITUTIONS** (1) Institute for International Cooperation (IFIC), JICA (2) Overseas Economic Cooperation Fund (OECF)
5. **REMARKS**

**SEMINAIRE SUR L'INTEGRATION DE LA FEMME DANS LE DEVELOPPEMENT ECONOMIQUE**

Oct. 26, 1999 - Nov. 20, 1999, 8 participants

セミナー:女性と経済開発

J-99-03420

1. **PURPOSE** This seminar is designed to introduce Japan's experiences of economic development policies, economic cooperation policies, and international cooperation to asia through lectures, report presentations, discussions and field trip. It also aims to upgrade participants' knowledge on each country's economic development planning, especially focusing on women's roles in promoting their social status and welfare.
2. **MAIN FEATURES OF CURRICULUM**
3. **QUALIFICATION OF APPLICANT** (1) central government planning officials engaged in economic development planning and have at least 5 years' occupational experience in this field (2) have an academic background in economics or those having proper experience and knowledge on economic policy and planning (3) between 30 and 45 years of age (4) have sufficient command of written and spoken French.
4. **TRAINING INSTITUTIONS** (1) Economic Planning Agency (EPA) (2) Institute for International Cooperation (IFIC), JICA.
5. **REMARKS** THIS COURSE WILL BE CONDUCTED IN FRENCH

**SEMINAR ON ECONOMIC DEVELOPMENT AND INDUSTRIAL PROJECT APPRAISAL**

Jun. 7, 1999 - Jul. 18, 1999, 10 participants

工業プロジェクト評価と経済開発セミナー

J-99-03310

1. **PURPOSE** This seminar is designed for senior official engaged in planning of economic policy. The purpose of this seminar is to introduce (i) the latest issues of financial, economic, and socioeconomic analysis of industrial projects, and (ii) an overview of theory, practice of industrial development, related policy issues, small and medium enterprises and Japanese production management system drawing upon the development experience of Japan, and thereby to contribute to planning of policy in developing countries.
2. **MAIN FEATURES OF CURRICULUM** This seminar emphasizes policy issues and discussions based on the latest issues of development, and mainly covers: (1) project appraisal (2) economic development of Japanese experience (3) workshop and presentation of reports (4) presentation of Country Report (5) Observation of factories and governmental organizations.
3. **QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) senior official having both basic knowledge and experience of industrial project appraisal (3) between 37 and 45 years of age (4) should submit a report on industrial project appraisal or experience of industrial development.
4. **TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) International Development Center of Japan (IDCJ)
5. **REMARKS**

**SEMINAR ON WOMEN IN ENVIRONMENT AND DEVELOPMENT (WOMEN'S ROLE IN ENVIRONMENTAL PROTECTION)**

Jan. 31, 2000 - Mar. 16, 2000, 7 participants

「環境と開発と女性」セミナー

J-99-03263

1. **PURPOSE** Environmental issues are becoming more serious, especially in developing countries. In order to overcome these problems, it is essential to define the role of women in global environmental preservation, as well as in the achievement of sustainable development of countries. By taking the idea of WID (Women in Development) into consideration, this seminar will enable the participants to understand the importance of balancing environmental conservation and national development. It will also help participants implement effective countermeasures against environmental pollution, according to their respective positions (from NGO to government levels).
2. **MAIN FEATURES OF CURRICULUM** Participants will be able to upgrade their knowledge and capabilities necessary for the management of environmental protection from women's point of view through lectures, discussions and observation. The main themes in the seminar are: (1) global environmental problems (2) environmental administration in Japan (3) measures for living environment control (4) women in development (WID) (5) public health and reproductive rights (6) environmental history of Kitakyushu City and anti-pollution movement promoted by women (7) environmental impact assessment, and (8) environmental education.
3. **QUALIFICATION OF APPLICANT** Applicants should be (1) government officers or staffs of a non-governmental organisation currently in charge of environmental problems or women's issues (2) with 3 years of occupational experience in the field, (3) university graduates or the equivalent, and (4) no more than 45 years of age.
4. **TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kitakyushu Forum on Asian Women
5. **REMARKS**

**STATUS OF WOMEN AND QUALITY OF LIFE**

Jan. 20, 2000 - Dec. 19, 2000, 15 participants

女性生活改善研修

J-99-03429

- PURPOSE** The training is aimed at imparting to women leaders of agricultural villages of developing countries, skills and techniques in agricultural production and processing, and knowledge related to these subjects, and also knowledge on health and hygiene as well as skills in cooking and basic knowledge on nutrition. It is also aimed at developing those who can further impart such skills and knowledge to other women in their villages, and make their contributions to the upliftment of village life and stability, and development of rural communities.
- MAIN FEATURES OF CURRICULUM** Trainees are expected to acquire knowledge on health and hygiene that will be useful for extension work to improve the life in farming villages. They are also expected to acquire techniques in processing agricultural products that require relatively less initial investment. They are expected, thus, to make contributions to the development of agricultural village society in their respective countries. (1) They learn about production techniques of farming products that are environmentally benign and healthy. (2) They are to learn skills for processing agricultural products to add to the values of their agricultural products. (3) They are to acquire basic knowledge about health and hygiene that are necessary to improve the life in farming villages. (4) They are to acquire basic knowledge about nutritional science and skills in cooking to help improve the diet. Outline of the training course: lecture, lecture on site, practical training, observation visits are included. (1) Basic techniques for agricultural production. (2) Skills in processing of agricultural products. (3) Basic knowledge on health and hygiene. (4) Skills in cooking and basic knowledge on nutritional science.
- QUALIFICATION OF APPLICANT** (1) No less than the level of high school graduates or the equivalent level of academic learning (2) those who are 20 years old or more, and 30 years old or less.
- TRAINING INSTITUTIONS** OJSCA Shikoku Training Center
- REMARKS** Intensive training for language is prepared.

**PARTICIPATORY LOCAL SOCIAL DEVELOPMENT; THEORIES AND PRACTICES**

Jan. 24, 2000 - Mar. 27, 2000, 10 participants

参加型地域社会開発の理論と実践

J-99-03352

- PURPOSE** To provide with theories and practices of "Participatory Local Social Development" that aim to integrate people's participatory approach and particular characteristics of a local community/society system. It is expected to improve the effectiveness of local social development projects in developing countries.
- MAIN FEATURES OF CURRICULUM** The course consists of lectures, group discussions, workshops and field trips as follows. The participants participate in workshops, group discussions and field trips, and so they learn as if they would experience cases. (1) people's participatory approach with analytical framework of local community/society system (2) introduction and analysis of sector-wise local social development projects (environmental protection; local welfare, poverty prevention, health care strategy and women in development) (3) the participants' presentation of case studies of local social development projects in developing countries (4) introduction of case studies of Japanese local social development projects and Japanese local activities (5) introduction of participatory project management method and its workshop (6) workshops to improve local social development projects in participants' countries (7) field trips at sites of local projects and activities in Japan
- QUALIFICATION OF APPLICANT** (1) university graduate or equivalent with occupational experience of more than 3 years (2) governmental officials (especially, regional or local governmental officials) or non-governmental organizations' staffs (3) between twenty-eight '28' and forty-five '45' years of age
- TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) NIHON FUKUSHI University
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

**SEMINAR ON INTRODUCTION TO JAPAN'S INTERNATIONAL COOPERATION ACTIVITIES**

Aug. 17, 1999 - Sep. 8, 1999, 10 participants

国際協力事業紹介セミナー

J-99-03328

- PURPOSE** This seminar is designed: (1) to familiarize participants with the policy and programmes of Japan's international cooperation; (2) to familiarize participants with the concept, mechanism, and procedures of programmes of Japan International Cooperation Agency; (3) to exchange views on operation of international cooperation with Japan among participants and Japanese officials concerned (4) to expose participants to Japan and the Japanese people to develop friendship and mutual understanding.
- MAIN FEATURES OF CURRICULUM** The following topics will be covered in the seminar: (1) general introduction to Japan and the Japanese people, (2) general introduction to Japan's international cooperation (a) Ministry of Foreign Affairs and Japan's policy (b) JICA and her role (c) Overseas Economics Cooperation Fund (OECF) and her role (d) other agencies (e) country-wise/region-wise approach by JICA (f) future of JICA's international cooperation programmes with developing countries (3) JICA's programmes and procedures. (a) introduction (b) case study on some project-type technical cooperation projects (c) observation of affiliated organizations of JICA including JOCV Secretariat and its Training Institute (4) discussion for better cooperation implementation
- QUALIFICATION OF APPLICANT** Applicants should: (1) be nominated by their government (2) be official in the rank of director of the division in charge of administration of development assistance programme implemented with Japanese Government, preferably with JICA (3) over 30 and under 47 years of age and it has more than 3 years to retire one's own job. (4) have a sufficient command of spoken and written English (5) be in good health, both physically and mentally, to undergo the training, pregnancy is regarded as a disqualifying condition for participation in the course (6) not be serving in the military
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Chugoku International Centre (CIC), JICA
- REMARKS**

**SEMINAR ON ADMINISTRATION FOR RURAL / REGIONAL DEVELOPMENT: ONE VILLAGE, ONE PRODUCT MOVEMENT**

Oct. 1, 1999 - Nov. 14, 1999, 12 participants

地域振興行政セミナー(一村一品運動)

J-99-03427

- PURPOSE** The purpose of this training course is to enable administrative officers who are involved in the field of rural / regional development in ASEAN countries to apply practical development schemes by studying Japanese successful cases and comprehending effective administrative strategies and operations for the development. Main objectives of this course are as follows; (1) to study "One Village, One Product Movement" in Oita, Kyushu, Japan and to comprehend roles of public sector and private sector for rural / regional development (2) to understand historical, economic, and socio-cultural background of successful rural / regional development in Oita (3) to acquire methods of policy-making for the development, and (4) to analyse the background of the cases and to speculate about application strategies for participants' countries.
- MAIN FEATURES OF CURRICULUM** The training programme consists of lectures, observations, communications with local residents and discussion. The major subjects covered in this programme are: (1) introduction for "One Village, One Product Movement" in Oita (2) tourism development in Oita (3) agricultural development in Oita (4) a case of regional development through tourism development in Yufuin (5) a case of regional development through environmental conservation in Kuju (6) a case of agriculture oriented rural development in Oyama, and (7) discussion on application strategies for participants' countries.
- QUALIFICATION OF APPLICANT** (1) Administrative officers who are currently involved in planning of rural / regional development (2) university graduates or the equivalent (3) the age of between 30 and 50 (4) fluent in English, and (5) not serving in any form of military services
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Oita Prefecture Overseas Office
- REMARKS** A compulsory 50-hour Japanese language course will be conducted prior to the technical training.

**ADVANCED COURSE FOR SENIOR POLICE ADMINISTRATORS**

Jun. 1, 1999 - Jul. 4, 1999, 14 participants

上級警察幹部研修

J-99-03118

- PURPOSE** The purpose of the course is to introduce the Japanese police organization, its management system and countermeasures for crimes to the police officers in the rank of police inspector or superintendent, who are expected to be the top leaders in their police organization in the future, as well as to improve each country's police organization system through discussions on the current problems of the police organization in respective countries. Through the training course, participants are expected to: (1) understand characteristics of Japanese police organization, its management system and countermeasures for crimes (2) seek solution of present problems of police organization in each country by means of report presentation and discussion, for the purpose of gaining wide knowledge required to leading executives of police organization, and (3) deepen mutual understanding and cultivate a sense of international solidarity and cooperative spirits among participants.
- MAIN FEATURES OF CURRICULUM** (1) Main themes: 1) Management skills of police organization required to senior police officers 2) Effective operation of police organization for comprehensive police activities 3) Efficient and effective investigation activities 4) Technical assistance to police activities in various fields (2) Curriculum 1) Lecture (a) Outline of Japanese police: a) Outline of organization, b) Community Policing (b) Management of organization: a) Duties of the chief of police station, and management of the director of police affairs dept., command and supervising skills of the chief of prefectural police, b) Management system of private enterprises in Japan c) Future subjects and prospects of Japanese police 2) Participants' Presentation and Discussion: (a) Present Issues tackled by the each country's police organization and a future prospect of security conditions in a participating county (b) Reform plans for police organization 3) Observation: Fingerprint Center, National Research Institute of Police Science, Police Communication Research Center 4) Study trip to the Prefectural Police Headquarters: lecture by Chief of PPHQ, observation of police station and police box (KOBAN) and investigation/identification equipment
- QUALIFICATION OF APPLICANT** Police officers who are expected to be the top leader in the central police organization in the future (in the rank of police inspector or superintendent, between 30 and 40 years of age)
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Research & Training Institute for Criminal Investigation, National Police Academy (IRTIC)
- REMARKS** This course is not designed for the senior police officer whose rank is higher than superintendent of police.

**SEMINAR FOR SENIOR POLICE AND LAW ENFORCEMENT (LATIN AMERICAN COUNTRIES)**

Sep. 29, 1999 - Oct. 24, 1999, 9 participants

上級警察幹部セミナー(中南米諸国)

J-99-03356

- PURPOSE** The course is designed for those who are expected to be top leaders of police authorities in Latin American countries. The participants will study overall aspects of Japanese police services. They will also discuss recent police issues of participating countries.
- MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the seminar: (1) international cooperation in criminal justice (2) drug and firearm offences (3) organized crime (4) criminal identification (5) community police activities
- QUALIFICATION OF APPLICANT** (1) senior police officer or senior law enforcement officer, superintendent, major or at higher position (2) generalist with knowledge and practical experience in a broad aspect of police activities (3) over 35 and under 50 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Research and Training Institute for Criminal Investigation (IRTIC), National Police Academy, National Police Agency
- REMARKS**

**SEMINAR FOR SENIOR POLICE MANAGERS**

no executed in FY 99

国際警察トップリーダーズ・セミナー

- PURPOSE** The purpose of this seminar is to recognize which course police organizations in participants' countries should direct in future through the brilliant discussions by decision makers from the police organizations.
- MAIN FEATURES OF CURRICULUM** This seminar covers the following topics: (1) Participants' presentation on a current problem that the police organization is facing or a singular incident or crime. (2) Lectures related to the participants' topics in their presentation paper. (3) Observation tour
- QUALIFICATION OF APPLICANT** (1) be a director of department in the central police organization, or in a higher position to this, (2) be a police colonel, senior superintendent or chief superintendent, or in a higher position (3) be over 40 and under (approx.) 50 years of age and have police career for more than 15 years, (4) have a sufficient command of spoken and written English to participate in effective discussions
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Research & Training Institute for Criminal Investigation, National Police Academy (IRTIC)
- REMARKS**

**SEMINAR ON INTERNATIONAL LAW ENFORCEMENT COOPERATION**

Feb. 8, 2000 - Feb. 27, 2000 14 participants

国際捜査共助セミナー

J-99-03340

- PURPOSE** The purpose of this course is to level up the practical ability of police detectives of participating nations in order to activate and smooth the international law enforcement cooperation.
- MAIN FEATURES OF CURRICULUM** It mainly covers: (1) present condition of international organizational crime such as small arms and drug (2) the method of a way of quick and proper cooperation (3) the framework of the international law enforcement cooperation.
- QUALIFICATION OF APPLICANT** (1) presently engaged in international law enforcement with more than ten years occupational experience (2) high school graduate or equivalent (3) more than 35 years of age and less than 50 years of age.
- TRAINING INSTITUTIONS** (1) National Police Agency
- REMARKS**

**SEMINAR ON POLICE INFORMATION TECHNOLOGY**

no executed in FY99

国際捜査共助セミナー(情報通信技術)

- 1. PURPOSE** This purpose of this course is to level up the practical ability of police detectives of participating nations in order to activate and smooth the international law enforcement cooperation.
- 2. MAIN FEATURES OF CURRICULUM** It mainly covers: (1) Outline of Japanese Police Telecommunication's System (2) Crime Detective Supporting Method (3) ICPO International Telecommunication Network (4) Data Analysis (5) Presentation of Study Report
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in police information operation of international law enforcement with more than ten years occupational experience (2) high school graduate or equivalent (3) more than 35 years of age and less than 50 years of age.
- 4. TRAINING INSTITUTIONS** (1) Chugoku International Centre (CIC), JICA (2) National Police Agency
- 5. REMARKS**

**INTERNATIONAL FORENSIC SEMINAR ON COUNTERFAKE CURRENCY**

Feb. 29, 2000 - Mar. 18, 2000, 5 participants

偽造通貨に関する国際法科学セミナー

J-99-03434

- 1. PURPOSE** The purpose of the seminar is to provide the participants with the skills and methods of identification of counterfeit currency, as well as to reinforce the effectiveness of the scientific investigation to previously prevent counterfeit currency from being distributed in each participating country.
- 2. MAIN FEATURES OF CURRICULUM** (1) Printing methods of paper currency and observation of printing factories. (2) Identification methods of paper currency and its practice (3) Information and views exchange on counterfeit currency (4) Analysis methods of currency and its practice (5) Application of the picture processing by using computers
- 3. QUALIFICATION OF APPLICANT** Applicants should (1) be the nucleus researchers in the law science research institutes (2) have more than 5 years of occupational experience (3) be university graduates or have the equivalent academic background (4) be currently engaged in the identification and analysis of currency
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre, JICA (2) Document Examination Section, Department of First Forensic Science, National Research Institute of Police Science, National Police Agency
- 5. REMARKS**

**CORRUPTION CONTROL IN CRIMINAL JUSTICE**

Nov. 10, 1999 - Dec. 12, 1999, 12 participants

汚職防止刑事司法支援

J-99-03375

- 1. PURPOSE** In the developing countries of the Asia-Pacific region, which are seeking to introduce a market economy and participate in the global economy, the frequency among public officials of cases of bribery and abuse of authority is a serious obstacle to the development of the market economy. The present course for officials in charge of criminal law administration in these countries, where corruption is a current problem, offers lectures on anti-corruption legislation and its enforcement, and discussion meetings with police inspectors and public prosecutors attached to special investigation departments dedicated to uncovering corruption. By thus transferring Japanese knowledge and expertise of regulation and enforcement in this field, it is hoped to contribute to the establishment of a complete legal framework and effective enforcement in developing countries.
- 2. MAIN FEATURES OF CURRICULUM** The course will consist of lectures, discussions, and observation. (1) Japan's criminal justice system and its enforcement (lecture) (2) Japan's system for prevention of corruption and its enforcement (including system for maintenance of ethical standards among public officials; lecture and discussion) (3) Measures to prevent bureaucratic crime; investigation and trial thereof (lecture and discussion) (4) Role of international cooperation in crime prevention (lecture and discussion) (5) Observation and lecture on institutions of criminal justice (observation and lecture)
- 3. QUALIFICATION OF APPLICANT** Applicants should: (1) be government officials engaged in the formulation of legislation relating to the prevention of corruption, police officers engaged in the investigation and trial of corruption cases or other investigators, prosecutors, judges or government officials engaged in the maintenance of ethical standards among public officials (2) have at least eight years' experience in the relevant field (3) have a level of education equivalent to university graduation (4) be no more than 50 years old (5) have a sound knowledge of English (6) be core staff of middle rank
- 4. TRAINING INSTITUTIONS** (1) JICA Osaka International Centre (2) Research and Training Institute of the Ministry of Justice
- 5. REMARKS** Course offered for the first time in fiscal year 1998

**SEMINAR ON INTERNATIONAL TERRORISM INVESTIGATION**

Feb. 6, 2000 - Feb. 20, 2000, 10 participants

国際テロ事件捜査セミナー

J-99-03379

- 1. PURPOSE** The seminar is designed for those who are leaders, in charge of international terrorism prevention and investigation in order to discuss international terroristic situation and anti-terrorism measures. Through the seminar, participants are expected to: (1) acquire overall understanding about organization of Japanese police system and about countermeasures of international terrorism investigation by means of case study, (2) acquire knowledge and skills for international terrorism investigation in general through lectures and discussion on international terroristic situations and countermeasures of terrorism in their countries, and (3) deepen mutual understanding and establish cooperative relationship among participants in order to promote international cooperation for investigating terrorists and preventing international terrorism.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the seminar: (1) participants' presentation and discussion of international terroristic situation and anti-terrorism measures (2) organization and current state of Japan's police system (3) Terroristic situation and anti-terrorism measures in Japan (4) Observation visit to related facilities
- 3. QUALIFICATION OF APPLICANT** (1) director of division or in a position equivalent to this, in charge of international terrorism prevention and investigation in the national police or the security organization of the Ministry of Home Affairs (2) approximately a police superintendent or in a higher rank
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Security Bureau, National Police Agency, Japan
- 5. REMARKS**