

# Outline of The Training Courses in Japan

(昭和63年度 特設コース コース概要)

1988 Japanese Fiscal Year (April, 1988 to March, 1989)

Japan International Cooperation Agency (JICA)  
Tokyo, Japan



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April, 1988

## INTRODUCTION

This brochure is prepared to introduce the summary of content of the working plans of training courses which has been organized under ad hoc basis for participants from developing countries, as part of Japan's technical cooperation programmes for the fiscal year of 1988.

Copies of "INFORMATION" on the details of those training courses are scheduled to be provided later, however, prior to the forwarding of copies of the said "INFORMATION", it is earnestly hoped that this brochure will be useful for your understanding the outlines of those training courses.

Director,  
Training Affairs Department,  
Japan International Cooperation Agency (JICA)



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No. T-1

CLINICAL DENTISTRY ( 歯科技術 )

1. PERIOD

April 1, 1988 to June 30, 1988 (3 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) be dentists who have three years' professional or academic experience or more in the field of academic institution, health administration or practice.
- 2) be presently engaged or expected to be working on their return in this line.
- 3) be not more than 45 years of age.
- 4) have significant command of spoken and written English.

4. DESCRIPTION OF TRAINING

- (1) *Dental Care Delivery System and Dental Public Health Service in Japan.*
- (2) Dental Care for Children and Adolescent
- (3) Dental Caries
- (4) Periodontal Disease
- (5) Prosthetics
- (6) TMJ Arthrosis
- (7) Oral Cancer
- (8) *Cleft Lip and Palate*
- (9) Dental Materials and Clinical Practices in the Up-To-Date Dental Medicine
- (10) Advancement in Basic Dentistry
- (11) Presentation of Out-come Acquired by Each Participant through the Course

5. FACILITIES AND INSTITUTIONS

Faculty of Dentistry  
Kyushu University

6. REMARKS

ASOSAI WORKSHOP (ASOSAI ワークショップ)

1. PERIOD

April 3, 1988 to April 15, 1988 (2 weeks)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twenty (20)

3. QUALIFICATIONS

Qualification: Applicants should

- 1) be nominated by their government in accordance with the procedure mentioned below;
- 2) be senior officials of the Supreme Audit Institution of the participating countries, who are directly involved in the preparation of the country report(s) for the Fourth ASOSAI International Seminar in June 1988; and
- 3) have a sufficient command of spoken and written English.

4. DESCRIPTION OF TRAINING

- 1) Discussions and observations
  - Audit Mandate and Resource Considerations
  - Audit Methodologies and Practice - Tax Audit
  - Quality Assurance and Mechanisms for Improving the Performance of the Supreme Audit Institutions

5. FACILITIES AND INSTITUTIONS

Board of Audit

6. REMARKS



No. T-3

INTENSIVE JAPANESE LANGUAGE FOR TECHNICAL COOPERATION (A)

(日本語専修(A))

1. PERIOD

April 7, 1988 to October 3, 1988 (6 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) be engineer, senior INSTRUCTOR or equivalent,
- 2) presently engaged directly or indirectly in vocational field or in other technological field,
- 3) be under thirty five (35) years of age,
- 4) have a sufficient command of spoken and written English, and
- 5) be in good health, both physically and mentally, to undergo the course of training. Pregnancy is regarded as a disqualifying condition for the participation in the course.

4. DESCRIPTION OF TRAINING

1. Common Japanese
  - (1) Hearing
  - (2) Speaking
  - (3) Writing
  - (4) Reading
2. Subject area-wise Japanese
3. Specialized subject-wise Japanese
4. Field trip

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC)

6. REMARKS

No. T-4

**SEMINAR ON HIGHTECHNOLOGY OF SURVEYING AND MAPPING**  
**(PHOTOGRAMMETRY)**

(測量新技術セミナー)

**1. PERIOD**

May 30, 1988 to July 25, 1988 (2 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Fifteen (15)

**3. QUALIFICATIONS**

- 1) Be engineers engaged in surveying and mapping for more than ten (10) years.
- 2) Be the graduates of regular group training course in surveying and mapping or have the equivalent knowledge.
- 3) Good working knowledge of English.

**4. DESCRIPTION OF TRAINING**

- 1) Introduction (Current activities for high-technology of surveying and mapping.)
- 2) Kyoto ISPRS 88  
(The International Society for Photogrammetry and Remote Sensing)
- 3) Lectures, High-technology of surveying and mapping
- 4) Observation tours

**5. FACILITIES AND INSTITUTIONS**

- 1) Geographical Survey Institute (GSI), Ministry of Construction
- 2) Tsukuba International Centre, JICA

**6. REMARKS**

PRECISION DIE AND MOLD (精密金型)

1. PERIOD

July 4, 1988 to March 27, 1989 (9 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) be nominated by their government in accordance with the procedures mentioned in B-2 below,
- 2) have elementary experience in designing and making of press die and plastic injection mold and be expected to be engaged in or teach this field in the future,
- 3) be technical high-school graduates, or have equivalent technical qualifications in this field,
- 4) have experience of more than seven (7) years in vertical milling work and surface grinding work,
- 5) be equal to or less than thirty five (35) years of age,
- 6) have a sufficient command of spoken and written English, and
- 7) be in good health, both physically and mentally, to undergo the course of training. Pregnancy is regarded as a disqualifying condition for participation in the training.

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

1. General Orientation
2. Japanese Language
3. Lecture
  - Introduction to Die and Mold Theory
  - Designing
  - Electric Control
4. Practical training
  - Designing and Drawing
  - NC Machine Operation
  - Die and Mold Making

5. FACILITIES AND INSTITUTIONS

- 1) Kyoto Skill Development Centre, Employment Promotion Corporation
- 2) Other related private institutions
- 3) Osaka International Training Centre, JICA

6. REMARKS

As Japanese language is used in the practical work, 300 hours are allocated for the intensive Japanese language course.

There will be an intensive Japanese language course (a total of 120 hours), conducted in line with the technical training.

No. T-6

THE INTRODUCTION OF INTERNATIONAL COOPERATION ACTIVITIES

( 国際協力事業紹介セミナー )

1. PERIOD

July 3, 1988 to July 16, 1988

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1. Be officials in the rank of Director of Division in charge of International Cooperation Programme at the Central Government,
2. Have a sufficient command of spoken and written English, and
3. Be healthy enough to undergo the course of seminar. Pregnancy is regarded as a disqualifying condition for participation in the seminar.

4. DESCRIPTION OF TRAINING

1. Explanation of International Technical Cooperation (JICA)
2. Visit to the Ministry of Foreign Affairs
3. Observation of Major Training Facilities
4. Observation Trip (Typical industries etc.)
5. Exchange of the opinions concerning the International Technical Cooperation

5. FACILITIES AND INSTITUTIONS

Japan International Cooperation Agency

6. REMARKS

No. T-7

KAGOSHIMA INTERNATIONAL CONFERENCE ON VOLCANOES

(鹿児島火山会議)

1. PERIOD

July 14, 1988 to July 28, 1988 (2 weeks)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) be nominated by their government in accordance with the procedure mentioned below;
- 2) be scientists, public officials, news media or concerned citizens who can participate in a forum for communication and discussion aiming at better coexistence between human beings and volcano.
- 3) have a sufficient command of spoken and written English.

4. DESCRIPTION OF TRAINING

- 1) Exchange of knowledge concerning volcanoes through studying eruptive mechanics, methods of forecasting volcanic events, as well as the mitigation of volcanic disasters, and future research and surveillance systems.
- 2) Exchange of information concerning the effects of eruptions on industry and residential environment, as well as information concerning volcanic disasters and prevention measures.
- 3) Promotion of research on the utilization of volcanic energy and products, and promotion of volcano-related tourism.

5. FACILITIES AND INSTITUTIONS

Kagoshima Prefecture

6. REMARKS

MIDDLE MANAGEMENT IN PRIVATE SECTOR FOR  
PACIFIC COOPERATION (太平洋協力民間中堅実務)

1. PERIOD

August 29, 1988 to October 8, 1988

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Thirty (30)

3. QUALIFICATIONS

Applicants should:

- (1) be selected by Chairman of the PBEC National Committee and be nominated by their government in accordance with the procedures (in the countries where PBEC National Committees are not established, the government will select and nominate applicants),
- (2) be middle management of private companies or of government-related organizations excluding government officials,
- (3) be university graduates or equivalents,
- (4) have more than three(3) years of practical experience in the field,
- (5) have a sufficient command of spoken and written English,
- (6) be under fifty (50) years of age,
- (7) be in good health, both physically and mentally, to undergo the training.

4. DESCRIPTION OF TRAINING

- (1) Seminar Programme Relating to Pacific Cooperation  
(All trainees will attend)
  - Representatives of the PBEC Japan Member Committee and others will give presentations on overall Pacific Cooperation.
  - An explanation on the general state of the Japanese economy will be given.
  - Country report
  - Visit to economic organizations
- (2) Practical Training Programme  
The following 4 courses will be set up, and there will be training by each group
  - Medium and Small-Scale Industries Management Course
  - Financial Training Course
  - Trade Training Course
  - Information Course
  - Food Stuff Course
- (3) Field Trip
  - The trainees will visit high-tech plants

5. FACILITIES AND INSTITUTIONS

PBEC Japan Member Committee, The Tokyo Chamber of Commerce and Industry

6. REMARKS

REHABILITATION OF PHYSICALLY DISABLED PERSONS

(障害者リハビリテーション指導者)

1. PERIOD

September 12, 1988 to November 2, 1988 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- (1) be nominated by their government
- (2) be a rehabilitation expert with experience of more than three years, such as social worker, rehabilitation consular, therapist, vocational skill instructor, teacher, workshop manager, and trainer in other fields of rehabilitation for physically disabled persons (except medical doctors and nurses),
- (3) have a sufficient command of spoken and written English,
- (4) be not less than twenty-five (25), and not more than forty (40) of age,
- (5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

4. DESCRIPTION OF TRAINING

- 1) Lecture
  - Medical and Vocational Rehabilitation Services
  - Services for Disabled Persons Provided by Local Government
  - General School System and Special Education
  - Other Programmes
- 2) Individualized Training
  - Occupational Therapy and Physical Therapy
  - Management of Sheltered Workshops
  - Rehabilitation Social Work
- 3) Observation Tour
  - Services of Prefectural Government
  - The National Sports Meeting of Disabled Persons (Okinawa Prefecture)

5. FACILITIES AND INSTITUTIONS

Japanese Society for Rehabilitation of the Disabled

6. REMARKS

LEADERSHIP OF PHYSICALLY DISABLED PERSONS

(障害者リハビリテーション指導者(身体障害者コース))

1. PERIOD

September 12, 1988 to November 2, 1988 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) be nominated by their government
- 2) be a physically disabled person who has been leader of organization of disabled persons or groups with experience of more than three years,
- 3) have a sufficient command of spoken and written English,
- 4) be not less than twenty-five (25), and not more than forty (40) of age,
- 5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

4. DESCRIPTION OF TRAINING

- 1) Lecture
  - Present situation of disabled persons in Japan
  - Service provided for the disabled in Japan
  - Disabled persons Movement
- 2) Individualized Training
  - Disabled person's organizations
  - Independent living activities
  - Disabled person's workshops.
- 3) Observation Tour
  - Disabled person's activities in local cities
  - The National Sports Meeting of Disabled Persons (Okinawa Prefecture)

5. FACILITIES AND INSTITUTIONS

Japanese Society for Rehabilitation of the Disabled

6. REMARKS



No. T-11

INTENSIVE JAPANESE LANGUAGE FOR TECHNICAL COOPERATION (B)

(日本語専修(B))

1. PERIOD

September 29, 1988 to May 29, 1989 (8 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) *The counterpart of the overseas project conducted by JICA or a governmental officer in charge of Japanese technical cooperation*
- 2) *Be university graduates or have the equivalent academic background*
- 3) *Have a sufficient command of spoken and written English*
- 4) *Be in good health, both physically and mentally, to undergo the training*

4. DESCRIPTION OF TRAINING

1. Common Japanese

- (1) *Hearing*
- (2) *Speaking*
- (3) *Writing*
- (4) *Reading*

2. Subject area-wise Japanese

3. Specialized subject-wise Japanese

4. Field trip

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC)

6. REMARKS

PLANT QUARANTINE  
(DISINFESTATION OF FRUIT FLIES) (植物検疫(ミバエ類殺虫技術))

1. PERIOD

September 29, 1988 to March 20, 1989 (6 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) University graduates or having the equivalent academic background
- 2) Having experience in plant quarantine works and having sufficient knowledge about the pest such as fruit flies
- 3) Under forty (40) years of age
- 4) Having a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <ol style="list-style-type: none"><li>1) Plant Quarantine in Japan</li><li>2) Morphology of fruit flies</li><li>3) Physiology and Ecology of fruit flies</li><li>4) Taxonomy of fruit flies</li><li>5) Artificial rearing of fruit flies<ol style="list-style-type: none"><li>(1) Outline of artificial rearing</li><li>(2) Rearing of larva</li><li>(3) Control of pupa</li><li>(4) Rearing of adult</li><li>(5) Egg collection</li><li>(6) Arrangement of data</li></ol></li><li>6) Disinfestation method of fruit flies (Outline)<ol style="list-style-type: none"><li>(1) Fumigation treatment</li><li>(2) Low temperature treatment</li><li>(3) Vapor heat treatment</li></ol></li><li>7) Disinfestation test by vapor heat treatment<ol style="list-style-type: none"><li>(1) Operation of vapor heat treatment equipment</li><li>(2) Inoculation of larvae into the fruit</li></ol></li></ol> | <ol style="list-style-type: none"><li>(3) Findout the standard of vapor heat treatment</li><li>(4) Data analysis</li><li>8) Injury test of fruit by vapor heat treatment<ol style="list-style-type: none"><li>(1) Outline of injury test</li><li>(2) Injury experiment</li><li>(3) Data analysis</li></ol></li><li>9) Eradication of fruit flies<ol style="list-style-type: none"><li>(1) Principle of eradication method</li><li>(2) Male annihilation method</li><li>(3) Sterile insect release method<ol style="list-style-type: none"><li>1 Suppression of the density of fruit flies</li><li>2 Mass production</li><li>3 Sterilization</li><li>4 Release of sterile flies</li><li>5 Discrimination between sterile flies and wild ones</li></ol></li><li>(4) Eradication project of fruit flies in Japan</li></ol></li><li>10) Make the report - Exercise</li></ol> |
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5. FACILITIES AND INSTITUTIONS

- 1) Nara Plant Protection Station, Ministry of Agriculture, Forestry and Fisheries
- 2) Fruit fly Eradication Project Office, Okinawa Prefectural Government
- 3) Okinawa International Centre (OIC), JICA

6. REMARKS

MECHATRONICS (メカトロニクス訓練)

1. PERIOD

September 26, 1988 to March 31, 1989 (6.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Teaching or working experience in machine tools operation for more than three years
- 3) Under 35 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

- 1) Practical training combined with lectures and discussions
  - CAD
  - Cutting experiment and machining
  - NC operation
  - Automatic programming
  - Electronics
  - Control engineering
  - System engineering
  - Computer
  - Production of arm-robot
- 2) Observations

5. FACILITIES AND INSTITUTIONS

- 1) Osaka Prefectural Higashi-Yodogawa Vocational School for Advanced Technology
- 2) Osaka International Training Centre, JICA

6. REMARKS

No. T-14

POSTAL SAVING EXECUTIVES' SEMINAR (郵便貯金幹部セミナー)

1. PERIOD

October 23, 1988 to November 6, 1988

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Directors or high-ranking officials responsible for management of postal savings in governmental or operational organizations
- 2) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
  - Outline of the Postal Banking System
  - Present situation and future of the Postal Banking Services
  - Outline of the Postal Savings Service
  - Outline of the Remittance and Settlement Services
  - Postal Personnel Training of the Postal Banking Services
  - On-line system of the Postal Banking Services
  - Management of the Postal Banking Services
  - Promotion and Publicity Activities of the Postal Banking Service
  - The role of National Savings Institutions and their Problems
- 2) Observation Tours

5. FACILITIES AND INSTITUTIONS

International Service Division, Postal Savings Bureau, Ministry of Posts and Telecommunications

6. REMARKS

No. T-15

EMERGENCY/DISASTER MEDICINE (Seminar) (救急・大災害医療セミナー)

1. PERIOD

November 20, 1988 to December 8, 1988 (One month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Executive doctor or administrator engaged in measures for emergency/disaster medicine and taking leadership in emergency medical institutions or medical administrative organizations
- 2) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) participation in Asian-Pacific Conference on Disaster Medicine
- 2) observations and discussions

5. FACILITIES AND INSTITUTIONS

- 1) JICA
- 2) Japanese Association for Acute Medicine

6. REMARKS

No. T-16

REMOTE SENSING TECHNOLOGY (Advanced) (リモート・センシング応用)

1. PERIOD

October 31, 1988 to December 9, 1988 (1.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- University graduates having fundamental knowledge on remote sensing technology and computer
- Researchers in remote sensing application fields, such as country planning, agriculture, forest management and mapping
- Preferably under forty-five (45) years of age
- Have a sufficient fundamental knowledge of Remote Sensing Technology
- Having a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures
  - Remote Sensing Activities in Japan
  - Introduction of MOS-1
  - Digital Processing of Remote Sensing Data
  - Images registration and change detection
  - Processing of SAR Data and its application
  - Application of Remote Sensing Data for Land survey
  - Application of Remote Sensing Data for Forestry
  - Application of Remote Sensing Data for Resources Exploration
  - Application of Remote Sensing Data for Fishery
- 2) Workshop
  - Personal Computer Processing
  - Digital Image Processing
- 3) Report making
- 4) Observation tours

5. FACILITIES AND INSTITUTIONS

Remote Sensing Technology Centre of Japan (RESTEC)

6. REMARKS

INDUSTRIAL WASTE WATER TREATMENT TECHNIQUE

(産業廃水処理コース)

1. PERIOD

January 9, 1989 to March 27, 1989

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or equivalent in the fields of chemistry, machinery, electricity, or civil works,
- 2) Three years or more experience on actual management of industrial waste water/effluent (inc. designed to be appointed in future),
- 3) Technical engineers in charge of industrial waste water in line of production processes,
- 4) Be under forty (40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
  - Introduction
  - Laws, rules, and regulation in Japan
  - Analysis on various types of industrial waste water
  - Theory on occurent origin of turbidity
  - Method of disposal on industrial waste water
  - Investigation for industrial waste water
  - Testing on disposal method of industrial waste water
  - Basic planning, designing, and implementation (soft & hard wares),
  - Operation and maintenance on industrial waste water treatment units
  - Analysis on congested sediments, activated sludges, water quality at factories, public water/waste water treatment centres, etc.
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

Kyushu Institute of Technology (KIT)  
Kitakyushu Municipal Government  
Kankyo Engineering Co., LTD (Kitakyushu Branch Office)  
Nippon Steel Corporation, Yawata Works

6. REMARKS

No. T--18

CLINICAL TRAINING FOR PATIENTS CARE  
OF INFECTIOUS DISEASES (感染症患者臨床研修)

1. PERIOD

January 9, 1989 to March 31, 1989

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) be licensed physicians authorized by their governments, and have clinical experience of more than three years,
- 2) have a sufficient command of spoken and written English,
- 3) be between 27 and 32 years of age,

4. DESCRIPTION OF TRAINING

- 1) Lectures
  - (1) National policy on infectious diseases control in Japan
  - (2) Pharmaceutical administration
  - (3) Vaccination System
  - (4) General aspects of infectious diseases
  - (5) Hospital-acquired infectious diseases
  - (6) Disinfection, sterilization and aseptic procedure
  - (7) Management of patients with infectious diseases
  - (8) Aseptic care in the field of nursing
  - (9) Diagnostic examination of infectious diseases
  - (10) Bio-clean room
  - (11) Tuberculosis and leprosy control in Japan
  - (12) Antibiotics, anti-viral and anti-fungal agents
  - (13) Blood-borne diseases
  - (14) Hepatitis
  - (15) Sexually transmitted diseases (STD)
  - (16) Isolation of patients
- 2) Visit to other facilities

5. FACILITIES AND INSTITUTIONS

The National Medical Center Hospital

6. REMARKS



NUCLEAR POWER GENERATION (原子力発電)

1. PERIOD

January 16, 1989 to March 24, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in their respective fields (nuclear, electrical and/or mechanical engineers presently employed)
- 3) Occupational experience of more than 3 years
- 4) Be under 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
  - Introduction
  - Characteristic features of nuclear power plant
  - Construction
  - Operation/safety management
  - Nuclear fuel cycle
- 2) Visits and observation tours
  - Nuclear power stations
  - Manufactures

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric power Information Center, Inc. (JEPIC)
- 2) The Japan Atomic Power Company (JAPC)
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

ELECTRONIC DATA PROCESSING FOR GOVERNMENT INFORMATION ACTIVITIES

(行政情報システム)

1. PERIOD

January 16, 1989 to March 15, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Officials who belong to
  - i) a government body responsible for overall management and coordination of GIS, being engaged in relevant works
  - ii) a government body planned to be responsible or considered to be suitable for the task mentioned above.
- 2) Knowledge and skills in data processing by computer, preferably with experiences of developing and/or managing computer systems
- 3) University graduates or have equivalent educational backgrounds
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Outline of Government Information System
- 2) Methodology of Management and Coordination of GIS
- 3) Computerization of Statistics
- 4) Technology of Database
- 5) Technology of Communication Network
- 6) Office Automation
- 7) Software Development
- 8) Other Topics on Computer Technology
- 9) Presentation of Country Report
- 10) Individual or Small Group Study

5. FACILITIES AND INSTITUTIONS

Office of Administrative Information Systems, Administrative Management Bureau, Management and Coordination Agency

6. REMARKS

No. T--21

**INSPECTION AND TESTING TECHNIQUE FOR**  
**TEXTILE PRODUCTS** ( 絨維製品検査技術 )

**1. PERIOD**

January 17, 1989 to March 17, 1989 (2 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

Applicants should:

- 1) belong to Government Inspection Organizations or Public Institutions
- 2) be college graduates or equivalents
- 3) have occupational experience of more than 3 years
- 4) be between 25 and 40 years of age
- 5) have good working knowledge of English

**4. DESCRIPTION OF TRAINING**

- 1) Lectures
  - Introduction to Export Inspection System
  - Outline of Japanese Legal Requirements
- 2) Lectures and Practical Training
  - Technical transfer (fundamental techniques) of inspection & testing for Textile Products
  - Introduction of knowledge about testing equipment
- 3) Observation tour
  - Private Enterprises

**5. FACILITIES AND INSTITUTIONS**

- 1) International Trade and Industry Inspection Institute, Ministry of International Trade and Industry (III)
- 2) Designated Inspection Organizations

**6. REMARKS**

No. T-22

**INSPECTION AND TESTING TECHNIQUE FOR HOUSEHOLD  
ELECTRICAL APPLIANCES (電気製品検査技術)**

**1. PERIOD**

January 19, 1989 to March 29, 1989 (2.5 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) Working for government inspection organizations or public institutions
- 2) University graduates, or the equivalent
- 3) Occupational experience of more than 3 years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

**4. DESCRIPTION OF TRAINING**

- 1) Lectures
  - Introduction to Export Inspection System
  - Summary of Sampling Inspection Method
  - Outline of Japanese Legal Requirements
- 2) Lectures and practical training
  - Technology transfer (fundamental techniques) of inspection & testing for General Electric Heaters, Illuminators, General Communication Equipment, Washing Machine, Electric fan, etc.
  - Introduction of knowledge about testing equipment
- 3) Observation tour
  - Private Enterprises

**5. FACILITIES AND INSTITUTIONS**

- 1) International Trade and Industry Inspection Institute, Ministry of International Trade and Industry (ITI)
- 2) Japan Machinery and Metals Inspection Institute (JMI)
- 3) Japan Electrical Testing Laboratory (JET)

**6. REMARKS**

No. T-23

MAINTENANCE ENGINEERING FOR MEDICAL EQUIPMENT (X-ray Apparatus)

( 医療機器保守管理技術 )

1. PERIOD

February 13, 1989 to March 20, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) University of electrical and electronic technology graduates or have the equivalent academic background
- 2) Have a personal experience of maintenance on X-ray equipment
- 3) Have thorough knowledge of two-pulse X-ray generation and combined radiographic devices
- 4) Under forty (40) years of age
- 5) Have a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lecture
  - General description of X-ray generator for medical use
  - Basic theory of two peak X-ray generator
  - General description on X-ray radiographic devices
  - Troubleshooting
  - Introduction to new technology in medical imaging field
- 2) Observation tour

5. FACILITIES AND INSTITUTIONS

Japan Association for the Advancement of Medical Equipments

6. REMARKS





JICA