F.No. 34/51/2007-EO(F) Government of India Ministry of Personnel, P.G. and Pensions (Department of Personnel and Training)

New Delhi, the 16 July, 2007.

Subject: A Group Training Course in Coordinator Training for Tertiary Education - Industry -Government Linkage to Development Automobile Supporting Industries to be held in Japan from 20/01/2008 to 23/02/2008.

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation Programme of the Government of Japan has invited applications for a Group Training Course in Coordinator Training for Tertiary Education - Industry -Government Linkage to Development Automobile Supporting Industries to be held in Japan from 20/01/2008 to 23/02/2008. The details of the course and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (www.persmin.nic.in). There are 10 slots available globally.

This Group Training Course is particularly meant for the candidates who are working at (1) a 2. higher education institution in engineering field or at a research center or (2) be working as Coordinators for university-industry cooperation or (3) will be assigned to that position in the near future. He/She should have more than five (5) years research experience at workplaces mentioned at (1), (2) & (3) above. He/She should be a University Graduate or equivalent, be in good health, both physically and mentally and not be serving in the military. The candidate should be proficient in spoken and written English.

3. The present programme is designed so as to effectively and efficiently foster human resources who can coordinate industry-university linkage, by utilizing Japanese experience and know-how and to eventually enhance the technological and industrial competitiveness of automotive supporting industries in developing countries.

4. The fellowship award covers a Round-trip air ticket between an international airport designated by the JICA and Japan, Allowances for (accommodation, living expenses and shipping), expenses for JICA study tours, free medical care for participants who may fall ill after reaching Japan. The participants are not allowed to take any family member during the training course. The last date of completed forms to reach the JICA Office is not later than 30th September, 2007.

5. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with DOPT's Circular No. 37/9/2006-EO(F) dated 2.8.2006.

6. The nomination details should be submitted in the prescribed proforma for long term/short term foreign training programme under Foreign Funding Scheme as well as in the JICA's prescribed proforma(A2A3) duly authenticated by the Department concerned

The applications should reach the Department not later than 21st September, 2007. Nominations 7. received after the prescribed date will not be considered. The circular inviting applications for training course is available on this Department's website (www.persmin.nic.in

Teresit. (Trishaljit Sethi)

Director

- 1. Ministry of Heavy Industry & Public Enterprises, Udyog Bhavan, New Delhi-110001.
- 2. All the State Governments/Union Territories.
- 3. Director(Technical), NIC with the request to post the circular along with the JICA's circular and the enclosed proformas on the Department's website.



For a better tomorrow for all.

Japan International Cooperation Agency (Government of Japan)

No. 48/GT-CP/2007

Dear Ms. Manisha Sensarma,

A Group Training Course in Coordinator Training for Tertiary Education – Industry – Government Linkage to Develop Automobile Supporting Industries will be held in Japan from 20<sup>th</sup> January, 2008 to 23<sup>rd</sup> February, 2008 under the Technical Cooperation Programme of the Government of Japan.

We are forwarding herewith six copies of the General Information Booklet on the above offer. It is requested that the following documents of the selected candidate may please be submitted to this office by  $30^{\text{th}}$  September, 2007:-

(1) The Nomination Form A2A3 together with the medical history questionnaire,

(2) The desired Job Report

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

It is further informed that 10 slots are available globally for the said course and it would be much appreciated if you could take further necessary action and submit the nomination(s) of suitable candidate(s) to this office by the designated date.

With regards,

Yours sincerely,

9<sup>th</sup> July, 2007

(Yumiko Asakuma)

Deputy Resident Representative

Encl: As stated above.

Ms. Manisha Sensarma Deputy Secretary (PSE and Trg.) Department of Economic Affairs Ministry of Finance North Block New Delhi

Copy to:-

5 DO+1.

New Delhi-110025, INDIA

Mr. S.K. Sharma, Section Officer, Department of Personnel and Training, Ministry of Personnel, Public Grievances and Pensions, North Block New Delhi.

P. Nr. DOG JICA India Office 3A, (3rd Floor), Lotus Towers, Community Centre, New Friends Colony

TEL: +91-11-41672580~5 FAX: +91-11-41672586 URL: http://www.jica.go.jp/

#### GENERAL INFORMATION (GI) ON AREA FOCUSED TRAINING COURSE

# COORDINATOR TRAINING FOR TERTIARY EDUCATION – INDUSTRY - GOVERNMENT LINKAGE TO DEVELOP AUTOMOBILE SUPPORTING INDUSTRIES

FISCAL YEAR 2007

COURSE No.:J-07-00950 (Project No: 0780051)

January 20, 2008 to February 23, 2008

自動車裾野産業育成のための産官学連携コーディネータ養成 研修

(集団研修)





THE GOVERNMENT OF JAPAN JAPAN INTERNATIONAL COOPERATION AGENCY



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# PREFACE

The Japanese Government extends Official Development Assistance (ODA) to developing countries to support self-help efforts that will lead to economic progress and a enhanced standard of life for the citizens of those countries.

Since its foundation in 1974, the Japan International Cooperation Agency (JICA) has implemented Japanese technical cooperation under the ODA programs.

Currently, JICA conducts activities such as training, dispatch of experts, provision of equipment, project-type technical cooperation, development study, dispatch of cooperation volunteers (JOCV), survey and administration of capital grant aid programs.

The training program for overseas participants is one of JICA fundamental technical cooperation activities for developing countries. Participants come from overseas in order to acquire knowledge and technology in a wide variety of fields.

The objectives of the JICA training program are:

- (1) to contribute to the development of human resources for the purpose of promoting the advancement of developing countries, and
- (2) to contribute to the promotion of mutual understanding and friendship.

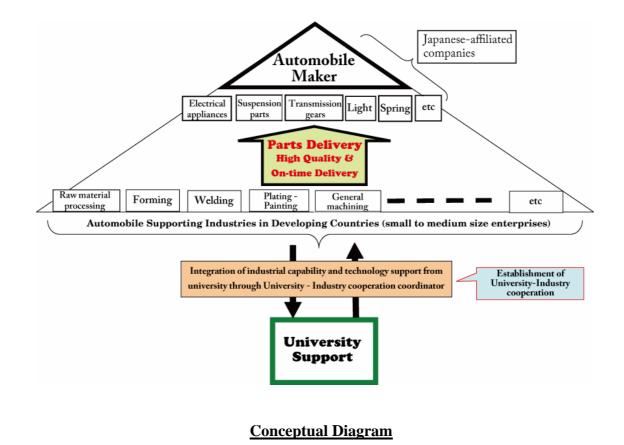
In all the countries, the enterprises are dominantly occupied by small scale and micro scale enterprises in the numbers of companies and workers. Therefore, the enhancement of technological and industrial competitiveness in the small and micro scale enterprises is inevitable for the economic development of the countries.

In Japan, the First, the Second and the Third Basic Plan of Science and Technology that were made by Japanese Government, appropriated a large amount of budget for development and innovation of science and technology. According to these plans, ministries have implemented supporting polices for small and intermediate scale enterprises and promotion polices for industry-university-government linkage in collaboration with each other. Especially, dispatch programs of coordinators for industry-university linkage and intellectual property-right utilization to universities can bring out current vital activities of industry-university collaboration and maintain the activities.

However, developing countries must put high priority on sanitation and poverty reduction as urgent issues to be solved and cannot afford to appropriate a large amount of budget for strengthening of small and micro scale enterprises and promotion of industry-university linkage. In addition, universities own only a small amount of research budget, and industrial companies are not motivated to spend a large amount of funds for research and development of technology innovation and product quality enhancement. As the result, industry-university linkage is still immature in developing countries. Regardless of this situation, many Japanese automotive industry companies advance into developing countries. Automotive supporting industries include a wide variety of industries such as materials, electrical and electronic instruments, mechanical parts and so on, because a vehicle is assembled by more than then thousand parts as shown in the figure next page.

The presented program is designed so as to effectively and efficiently foster human resources who can coordinate industry-university linkage, by utilizing Japanese experiences and know-how, and to eventually enhance the technological and industrial competitiveness of automotive supporting industries in developing countries. This training course cultivates abilities to plan, draft and implement industry-university collaboration projects in participants from universities or institutes dealing in industry-university linkage such as an incubation center for promotion of technological innovation in automotive supporting industries. Implementation of this training course in Japan enables the participants to experience and grasp actual activities of the industry-university linkage associated with the automotive supporting industries in Japan and to effectively and certainly learn jobs and roles of industry-university linkage coordinators from OJT (On-the-Job Training).

In fiscal year 2007, the group-training course on Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automotive Supporting Industries, is organized by Chubu International Center, JICA, which is one of the JICA regional centers located in Nagoya city. This is the information for those who intend to apply to the training course.



# I. ESSENTIAL FACTS

COURSE TITLE	Coordinator Training for Tertiary Education–Industry–Government Linkage to Develop Automobile Supporting Industries				
DURATION	January 20, 2008 to February 23, 2008				
APPLICATION DUE	September 30, 2007 (for acceptance at the JICA office or the Embassy of				
	Japan)				
	*Job Report should be submitted together with the application form.				
NUMBER OF PARTICIPANTS	10				
LANGUAGE	English				
PARTICIPANTS' BACKGROUND	Coordinator for university-industry cooperation or those who will be assigned to that position in their respective organizations				
COURSE OBJECTIVES	<ol> <li>Outcome         <ol> <li>Understanding the intellectual property law with its application</li> <li>Acquiring the basic knowledge of technology management</li> <li>Understanding the industrial needs and improvement of problem identification ability</li> <li>Improving the Needs – Seeds matching ability</li> </ol> </li> <li>Output         <ol> <li>Being able to foster other young university-industry cooperation coordinators in their universities</li> <li>Having basic knowledge of intellectual property rights and technology management</li> <li>Being able to guide the technological development of automobile supporting industries through technical supports from universities</li> </ol> </li> </ol>				
CERTIFICATE	Upon successful completion of the course, participants will be awarded a certificate by JICA.				
IMPLEMENTATION BODY	TATION         International Cooperation Center for Engineering Education Development (ICCEED), Toyohashi University of Technology http://icceed.tut.ac.jp/index.html				
ACCOMMODATIONS	Hotel Associa Toyohashi (tentative) or other convenient hotel available near the university				
ALLOWANCES AND EXPENSES	<ul> <li>The Government of Japan provides the allowances and covers the expenses through JICA in accordance with relevant laws and regulations as follows:</li> <li>1. a round-trip air ticket between the JICA-designated international airport of a participant's country and Japan;</li> <li>2. allowances for accommodation, living, outfit, book shipping;</li> <li>3. expenses for JICA study tours;</li> <li>4. medical expenses for participants who become ill after arrival in Japan (costs related to preexisting illness, pregnancy, and dental treatment are not included); and</li> <li>5. others.</li> </ul>				

# II. PROGRAM

#### **<u>1. Course Contents</u>**

#### (1) **Preliminary Program**

#### **Report Preparation**

Applicants are requested to prepare Job Report. See ANNEX for details.

#### (2) Programs in Japan (please refer to *Outline of the training program in Japan*)

Programs in Japan are formulated to achieve outcome and outputs. Applicant should grasp the outline of the program well before attending the program .

#### 1) Course Orientation

Before the start of the training, the course leader gives an orientation on the training program.

#### 2) Course Goal Identification

In order to promote the mutual understanding among the participants, each participant is expected to make a presentation related to the intellectual commodity issues and conditions of university–industry cooperation of his or her (organization) and also the Job Report. Lecturers and persons involved with this training will be present at the presentation meeting to grasp the current situation of each participant's country. After the presentation, the participants and the lecturers will hold a discussion to clarify each problem and their targets.

The participants are also expected to bring PowerPoint data files, brochures of their organizations, or photos, which illustrate the reports, to be used in the discussion.

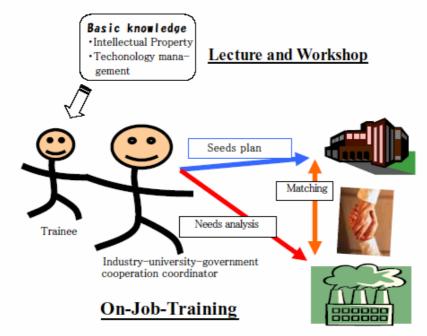
#### 3) Training Topics

Intellectual property rights University-industry cooperation and technology management Exploring the needs of the industry Needs-Seeds matching

#### 4) Training Method

In order to achieve the objectives, the training will be conducted through lectures, group discussions and OJT at the Japanese automobile supporting industries.

The training method is illustrated in the below figure.



#### 5) Action Plan Making and Evaluation Meeting

As completing the program in Japan, the participants are requested to prepare an Action Plan to be implemented after they return to their home countries. The plan should cover training course plan for young/prospective coordinator for university–industry cooperation and execution plan for university-industry cooperation. On this opportunity, the participants and the lecturers will have final discussion to fine-tune their Action Plan.

At the end of the training, a meeting is held to present the Action Plan of each participant and to evaluate the participant's achievements.

Final evaluation meeting is held for further improvements of the training course in the future.

#### (3) Post Program

#### 1) Submission of Progress Report

Four (4) months after the completion of the course, each participant is requested to make and submit Progress Report describing the progress of his/her Action Plan. This report should be sent to ICCEED, TUT by e-mail. <greed.tut.ac.jp>

#### 2) **Provision of Information and Counseling**

JICA and the training institution or the lecturers will provide counseling to the participants regarding their Action Plan after their return to their home countries. Should there be any questions or problems in implementing the Action Plan, the participants are encouraged to contact anytime. Communications will be done through e-mail and the feedback will be given on a person to person basis.

## Outline of the training program in Japan\*

Subject	Contents	Objectives		aining		
1. Course orientation	Course objectives and outline of the program	Understanding the objectives and schedule of this program <sub>o</sub>	Lct 0.5	OJT	Dsc	<u>Tot</u> 0.5
2. Course Goal Identification and presentation	Presentation on current situation on respective countries and job report	Understanding the present situation and setting their training goals			0.5	0.5
3. Basic lectures on university-industry -government cooperation						1.8
1) Introduction on university-industry- government cooperation	<ol> <li>History of university-industry -government linkage in Japan</li> <li>Establishment of Technology Licensing Organization (TLO) and its activities.</li> <li>Activities within university-industry- government linkage</li> <li>Activities of TLO adviser.</li> <li>Circumstances of patent licensing in the company.</li> <li>Local government support to TLO activities.</li> <li>Some challenges regarding intellectual property right in the university-industry-government linkage.</li> </ol>	Understanding the basic knowledge of university– industry cooperation	0.5			0.5
2) University-industry linkage and the role of regional alliances support organization	<ol> <li>Regional alliances support organization (business incubator)</li> <li>Incubation manager for the support organization</li> <li>Regional alliances support company- Science Creation</li> </ol>		0.3			0.3
3) Contribution of university -industry-government cooperation to university, society and industry	Showing the effect of university-industry co-operation to the university, society and industry		0.9		0.1	1.0
4. Intellectual Property Right (IPR)			-			5.0
1) Japan's IPR	Outline of IPR law in Japan		0.75		0.25	1.0
2) IPR in ASEAN	Outline of IPR law in ASEAN country		0.75		0.25	1.0
3) IPR case study	Some important points on IPR application case	Understanding the policy, law and use of Intellectual Property Right	1.5		0.5	2.0
4) Exercise on IPR application process	Practice and discussion on the IPR applications process			0.5	0.5	1.0
<ol> <li>University-industry-government cooperation and technology management</li> </ol>						3.0
1) Technology management course	General description on corporate activity and the value and the role of technology in corporate management.	Understanding the basis of technology management which	0.8		0.2	1.0
2) Importance of technology management in engineering development and university-industry cooperation	Linking the technology progress with industrial needs and considering the role of university in this process	cooperation.	0.7		0.3	1.0
3) Case study on technology management	Exercise on technology management in a company, contribution of university as well as the role of cooperation coordinator	Upgrading the skill for university-industry cooperation.	0.2	0.3	0.5	1.0

(Continue to the next page)

6. Exploring the needs of industry						5.0
1) Needs analysis and case study on model company	Tips and methods to grasp the company needs and some factors that lead to failure will be learned. Some study cases on how to explore the true needs of a company through identification of applied technology in a company will be done.		0.5		0.5	1.0
2) Exploring the needs of automobile parts maker 1	Through cooperation with researcher from future vehicle	Having the ability to grasp precisely the technical needs of industry		1.0		1.0
3) Exploring the needs of automobile parts maker 2	research center & patent licensing advisor, investigation on the needs of automobile parts			1.0		1.0
4) Exploring the needs of automobile parts maker 3	maker will be conducted. Candidate companies:			1.0		1.0
5) Exploring the needs of automobile parts maker 4	<ol> <li>Musashi Seimitsu</li> <li>Topy Industries</li> <li>Shintokogyo</li> </ol>			1.0		1.0
7. Needs-Seeds matching						5.0
1) Case study to match the needs of model enterprise	After completing need analysis, exercising some plan on how to match the needs of industry from business point of view.	Having the ability to propose technical plan that match the industrial needs	0.5		0.5	1.0
2) Plan presentation to match the needs of automobile parts maker 1	Participants will be divided into 3 groups and will make and propose seed plans that match			1.0		1.0
3) Plan presentation to match the needs of automobile parts maker 2				1.0		1.0
4) Plan presentation to match the needs of automobile parts maker 3	future vehicle research center researcher and patent licensing advisor)			1.0		1.0
5) Plan presentation to match the needs of automobile parts maker 4				1.0		1.0
8.Group discussion						2.00
1) Making and presentation of Action Plan	Drawing plans for young coordinator training course and execution plan for university- industry cooperation				1.0	1.0
2) Evaluation meeting	Evaluation and exchange of opinions among participant	For further improvement of training course in the future			1.0	1.0
	Total		7.9	8.8	6.1	22.

\* This curriculum may be subjected to minor change

\*\* Notation: Lct = Lecture, OJT = On-the-job-training, Dsc = Discussion, Tot = Total

# **III. REQUIREMENTS FOR APPLICATION**

#### **Applicants should:**

- 1. be working at higher education institution in engineering field or at a research center, in a country which has automobile industries;
- 2. be working as a coordinator for university–industry cooperation or will be assigned to that position in the near future;
- 3. be able to implement the action plan he/she made during the training course after returning back to his/her own country;

- 4. have more than five (5) years research experience at workplace mentioned in number 1;
- 5. be university graduates or equivalent;
- 6. have a sufficient command of speaking, reading and writing English;
- 7. be nominated by the government of each country in accordance with the procedures mentioned in *IV* below;
- 8. be in good health, both physically and mentally, to undergo the training. Pregnancy is regarded as a disqualifying condition for participation in the training; and
- 9. not be serving in the military.

#### **ATTENTION**

Participants are required:

- 1. not to change course subjects or extend the course period;
- 2. not to bring any members of their family;
- 3. to return to their home country at the end of their course according to the international travel schedule designated by JICA;
- 4. to refrain from engaging in political activities or any form of employment for profit or gain in Japan;
- 5. to observe the rules and regulations of their place of accommodation and not to change; and
- 6. to stay at accommodations designated by JICA.

### **IV. PROCEDURES FOR APPLICATIONS**

- 1. A government desiring to nominate applicants for the course should fill in and forward one (1) original and three (3) copies of the **Nomination Form (Form A2A3)** and the **Job Report** (**ANNEX**), written by each applicant, to JICA office or the embassy of Japan <u>by September 30</u>, <u>2007</u>. Should the applying government need any consultation regarding the selection process and criterion, this can be made available through ICCEED-TUT by email <<u>g-training@icceed.tut.ac.jp</u>> or by other means such as teleconference.
- 2. JICA office (or the Embassy of Japan) will inform the applying government whether or not the nominee's application has been accepted **no later than October 31, 2007.**

#### Report to be submitted

, Each applicant is requested to prepare a report explaining the present situation of his/her own job in his/her home country (organization), as well as to introduce his/her job description and own interest. This report should be printed in accordance with the attached form (ANNEX) and submitted <u>together with the Nomination Form (Form A2A3)</u>. Application without attaching the Job Report will not be processed.

#### Interview

In the selection process, applicants might be interviewed by email or through teleconference.

Selected candidates then will be requested to prepare a presentation related to the intellectual commodity issues and conditions of university-industry cooperation of his/her country (organization) and also the present situation of his/her own job in his/her home country (organization) as stated in the Job Report. Any inquiries regarding university-industry linkage and preparation of the Job Report can be submitted to ICCEED-TUT by e-mail. <g-training@icceed.tut.ac.jp>

# **V. OTHER MATTERS**

#### 1. Pre-departure orientation

Pre-departure orientation will be held at JICA overseas office to provide the selected candidates with details on travel to Japan, conditions of training, and other matters. The participants will see a video, "TRAINIG IN JAPAN", and will receive a textbook and cassette tape, "SIMPLE CONVERSATION IN JAPANESE".

A brochure, "KENSHU-IN GUIDEBOOK" will be handed to each selected candidate before (or at the time of) the orientation.

#### 2. Key Schedule in the Training Program

- (1) Arriving Japan, Kansai International Airport in Osaka, on January 20, 2008
- (2) The participants will stay at JICA Osaka International Center, to attend briefing
- (3) Moving to Toyohashi University of Technology (TUT) on January 22, 2008
- (4) Technical training starts from January 23, 2008
- (5) Closing ceremony on February 22, 2008
- (6) Leaving Japan from Chubu International Airport on February 23, 2008

### ANNEX

\*Please make your report according to the following items.

## Job Report Format

- 1. Name of applicant and age
- 2. Home country
- 3. Job Affiliation
- 4. Division and your position (Please attach the organization chart showing your division in your institute)
- 5. Job description of your position
- 6. Professional career (since 1990)6-1. Academic career (Please also describe the field of study/ research field)
  - 6-2. Industrial career
- **7.** Intention of participating in this training and expectation from the training (intention)

(expectation)

8. National strategy plan for the promotion of industry-university linkage,

if available

# 9. Current situations and conditions of your university or institute concerning industry-university linkage

- 9-1. Do you have an office or a center for promotion or management of the linkage? If no, go to 9-4.
- 9-2. Describe the organization structure of the office or the center.
- 9-3. Describe briefly the main functions of the office or the center.
- 9-4. Number of technical consultations per year
- ( 9-5. Type of industry partners
- 9-6. Number of collaborative research projects with industry per year
- 9-7. The University's main research area in the above collaborative research
- 9-8. If possible, please indicate the total amount of the funds obtained by the collaborative research mentioned above.

)

- 9-9. If possible, please indicate the scale of research fund provided by a single company (average).
- 9-10. Does your university or institution formulate the regulations about intellectual property rights?

9-11. Does your university or institution have the organization for intellectual property rights? In case of "Yes", please describe the name of the organization.( )

9-12 Please describe the number of the patents which your university or institution has obtained.

)

(

- 10. Plan to promote industry-university linkage, if your university or institute has any
- 11. Problems, issues and future challenges of your university or institute concerning the cooperation with the industry, especially with the automobile industry
- 12. Your opinion regarding the university industry linkage and development of automobile supporting industries (Feel free to express)

# ##Job report example##

# Job Report Format

1. Name of applicant and age Hiroomi Ikeda, 41

# 2. Home country

Japan

## 3. Job Affiliation

Toyohashi University of Technology (TUT)

4. Division and your position (please attach the organization chart showing your division in your institute)
 Division of Industry-University Cooperation, Executive Office for Intellectual Property and Industry Collaboration
 Associate Professor
 See attachment 1 for the organization structure chart

### 5. Job description of your position

Administration of industry-university linkage Recommendation for technical consultation and joint research

### 6. Professional career (since 1990)

- 6-1. Academic career (Please also describe the field of study/ research field)
   2001: Associate Prof., Department of Mechanical Engineering, TUT (Solid mechanics, Fracture Mechanics)
  - 2004: Move to Associate Prof., Executive Office for Intellectual Property and Industry Collaboration

Up to now.

### 6-2. Industrial career

1985: Engineer, Toyohashi Automotive Co. Ltd 1999: Associate Manager: Toyohashi Automotive Co. Ltd.

# 7. Intention of participating in this training and expectation from the training (intention)

Acquire knowledge and skill of industry-university linkage from this training and promote industry-university activities in my university.

#### (expectation)

Make research collaboration contacts with industry at least 5 for a year.

8. National strategy plan for promotion of industry-university linkage, if available

In Japan, the third basic plan of science and technology is initiated from April 2006.

This plan is implemented for 5 years and the following issues are stated:

- Promotion of industry-university linkage, especially small and medium scale industry
- Support of small and medium scale industry to strengthen and enhance the production technology

# 9. Current situations and conditions of your university or institute concerning industry-university linkage

9-1. Do you have an office or a center for promotion or management of the linkage? If no, go to 9-4.

(Yes, we have.)

- 9-2. Describe the organization structure of the office or the center.(Director: 1 person, Vice director: 2 persons, Office staff: 3 persons)
- 9-3. Describe briefly the function of the office or the center.
  - ➢ Gate for the linkage
  - Technical consultation
  - Reception of collaboration researches
- 9-4. Number of technical consultations per year
  - (55 consultations per year)
- 9-5 Type of industry partners

(Automotive industry, Food Processing industry, Textile industry, Home electric and electronic industry, Research consultant)

- 9-6. Number of collaborative research projects with industry per year (10 collaboration research per year)
- 9-7. The University's main research area in the above collaborative research (Mechanical engineering, Chemical Engineering, Electric and Electronic

engineering, Control engineering)

- 9-8. If possible, please indicate the total amount of the funds obtained by the collaborative research mentioned above.(2 million US\$)
- 9-9. If possible, please indicate the scale of research fund provided by a single company (average).

(US\$ 10,000/ company)

9-10. Does your university or institution formulate the regulations about intellectual property right?

(Yes, we formulate those)

- 9-11. Does your university or institution have the organization for intellectual property rights? In case of "Yes", please describe the name of the organization. (Department of intellectual property management)
- 9-12 Please describe the number of the patents which your university or institution has obtained.

(10 patents)

# 10. Plan to promote industry-university linkage, if your university or institute has any

- Establish an office for industry-university linkage
- Regular Seminar on industry-university linkage inviting owners or engineers from industry, and officers from central and local government
- Internship program for the students at the industry

# 11. Problems, issues and future challenges of your university or institute concerning the cooperation with the industry, especially with the automobile industry

Some professors are very active in conducting research with industries. However, most of professors are indifferent to such kind of activities. I believe system of university-industry linkage has to be well established in our university.

# 12. Your opinion regarding the university-industry linkage and development of automobile supporting industries (Fell free to express)

There are a big potentials in automobile parts industry of our country. In order to get competitive advantage in this area, university has to assist the industry. I am expecting a lot from this training course.

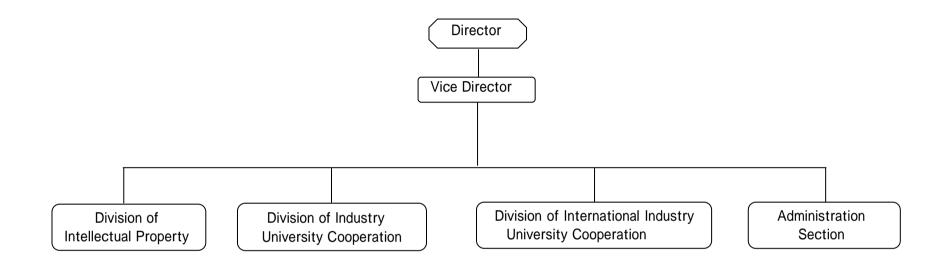
# **Attachment : Organization Structure Chart (Example)**

## 1) Organization Chart of Toyohashi University of Technology

	President Selection Con	mmittee	
Auditor	President		Advisory Board
	Executive Vice President for Education Executive Office for Regional Liaison Executive Office for Technical College Liaison	Steering Council Management Committee	Faculty Meeting Board of Faculty Representatives
	Executive Once for Fechnical Galege classifi	Management Committee	board of Pacety Nepresentatives
	Executive Vice President for Research Executive Office for Research Strategy Executive Office for International Affairs Executive Office for Intellectual Property and Industry Collaboration Executive Director for Collaboration Development	Board of Directors Educational and Research Council	Faculty of Engineering / Undergraduate Program Mechanical Engineering Production Systems Engineering Electrical and Electronic Engineering Information and Computer Sciences Materials Science Architecture and Civil Engineering
	Vice President for Information and Infrastructure Executive Office for Evaluation Executive Office for Public Relations	I	Knowledge-based Information Engineering Ecological Engineering Humanities and Management Science & Engineering (Common Department)
	Vice President for the 30th Anniversary Commemorative Project 30th Anniversary Commemorative Project Office		Graduate School of Engineering Master's Program Mechanical Engineering
	Director-General General Affairs Department General Affairs Division Planning Division Finance Division Research Cooperation Division Facilities Division Educational Affairs Department Educational Affairs Division	1	Production Systems Engineering Electrical and Electronic Engineering Information and Computer Sciences Materials Science Architecture and Civil Engineering Knowledge-based Information Engineering Ecological Engineering Humanities and Management Science & Engineering (Common Department) Doctoral Program
	Student Affairs Division Information and Library Division International Affairs Division Entrance Examination Division		Mechanical & Structural System Engineering Functional Materials Engineering Electronic & Information Engineering Environment & Life Engineering
	Presidential Advisors		Library
	Audit Office		Centers and Facilities Language Center Research Center of Physical Fitness, Sports and Health International Student Center Cooperative Research Facility Center Research Center for Future Technology International Cooperation Center for Engineering Education Development (ICCEED) Research Center for Future Vehicle Intelligent Sensing System Research Center Center for Cellaborative Regional Planning and Design Interdisciplinary Future Environment Ecological Design Research Center Venture Business Laboratory Incubation Center for Yenture Business

Information and Media Center

2) Organization Chart of Executive Office for Intellectual Property and Industry Collaboration



# **JICA**

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