

# FY2017 Inter-University Exchange Project Kindai University

Support for the Formation of Collaborative Programs with Russian and Indian Universities

【Name of project】(Adopted year: FY2017, (Type A Russia))

Human Resource Program for Monodukuri Engineer in Japan and Russia

## 【Summary of Project】

This project aims to address industry-university collaborative human resources development to promote interaction and cooperation among Kindai University and its partner universities in Russia to promote student exchange at both undergraduate and postgraduate levels. Kindai University has a unique graduate program in manufacturing, *Monodukuri*. The project is based on our experience and expertise in manufacturing, *Monodukuri* in cooperation with local industries.

### Concept of the Project

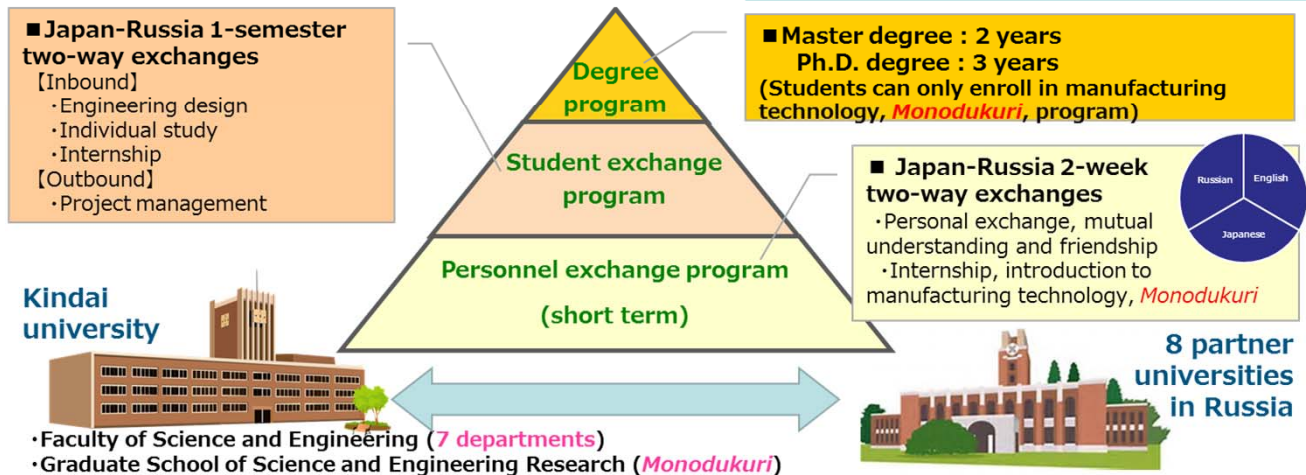
- Human resources development for *Monodukuri*
- Practical internship in company

industry-university cooperation for manufacturing technology, *Monodukuri*, education

- Career design for Russian students
- Business chance for students and company in Japan and Russia

### Spin-off effects

- Overseas industry-university collaborative human resources development model in manufacturing technology, *Monodukuri*
- Human network (alumni association in Russia)



## 【Summary of Exchange program】

We have three education programs: 1) 2-week two-way personnel exchange program, 2) 1-semester two-way student exchange program, and 3) one-way degree program (both in master and Ph.D degrees. All programs have a practical internship system. In Program 2), we plan and manage cooperative education programs with our partner universities in Russia. The plan includes establishment of a cooperative education program committee to discuss the possibilities of credit transfer and Joint Degree systems. In order to smoothly implement the program, we have established two offices in Russia, serving as Kindai hubs to analyze the needs for human resources development, manage internships with Russian companies and obtain information on security and risk management for Japanese exchange students.

## 【Global Human Resource on the project】

This project aims to foster global human resources for the initiation and implementation of product development in companies doing business between Japan and Russia.

## 【Feature on the project】

In order to maintain Japan's economic revival and to accelerate Russian economic development, Japan and Russia need to foster global human resources at a practical level through education and to create business opportunities for both students and companies in Japan and Russia. We at Kindai University, with ample experience in education and research, can offer a wide range of expertise in science and engineering, medical science, agriculture, aquaculture, and atomic power. We can offer our *Monodukuri* program to Russian universities and contribute to the expansion of personnel exchanges between Japan and Russia.

## 【Exchange number】

	2017	2018	2019	2020	2021
Outbound	5	15	20	20	20
Inbound	5	15	20	23	26

# 1. FY2017 Progress

【Kindai University】

【Human Resource Program for *Monodukuri* Engineers in Japan and Russia】  
(Adopted year: FY2017, (Type A, Country Russia))

## ■ Exchange Programs



〈The short term exchange program〉

### ・Implementation of short term exchange program

For two weeks in January, we undertook the reciprocal stage of our program with 5 of our affiliated institutions in Russia. Participants included 10 students and 4 teachers from these institutions. In February, 12 students from Kindai University were dispatched for the purpose of education and training to Moscow State University, State University "Dubna", and 4 Japanese related companies active in Russia. These programs have seen the progress of mutual exchange, and have promoted a deeper understanding of the concept of *Monodukuri*.

## Student-Mobility

### ○ Outbound

**14 students** dispatched for 1 to 2 weeks to major cities in Russia including Moscow, Dubuna, Tolyatti, and Saint Petersburg.

### ○ Inbound

**We have accepted 10 students** from our affiliated universities in Russia (Moscow State University, Saint Petersburg University, State University "Dubna", National Research Nuclear University MEPhI, and the Far Eastern Federal University).

	2017	
	Plan	Results
Outbound	5	14
Inbound	5	10



〈The Kick Off Symposium〉



〈The Kick Off Symposium〉

## ■ Forming the University Network with Quality Assurance

### ・Implementation of the Kick Off Symposium - Visit to Japan by representatives from 9 Russian universities with exchange ties with Japanese universities.

The Kick Off Symposium was undertaken over 2 days in March. This project involved representatives from 7 Russian universities already undertaking exchanges along with representatives from 2 other Russian universities who are interested in the concept of *Monodukuri*. Discussions focused on the structure of university exchange programs and issues pertaining to this project.

## ■ Promotion of Student-Mobility Environment

### ・University affiliation agreements formed with 6 Russian universities

Six new affiliation agreements were formed with Saint Petersburg University, ITMO University, State University "Dubna", Financial University under the Government of the Russian Federation, Far Eastern Federal University, and National Research Nuclear University (MEPhI). Agreements with these renown universities forms favorable environments for reciprocal exchange programs.

## ■ Internationalization of the university, Information disclosure and Publication of outcome

### ・Participation from 4 departments of the Faculty of Science and Engineering and 1 department of the Faculty of International Studies.

Cooperation and coordination from the whole school saw not only the science and engineering students, but students from other faculties presented with the opportunity of overseas training programs. Visits to Russian universities mutually benefitted the students involved in the Russian-Japanese exchange, forwarding them all with a wider view of the world. In addition, those students interested in 'Monodukuri' had the perfect opportunity to increase their international exposure and gain valuable experience by undergoing training at 4 Japanese related companies presently active in Russia. The outcomes of this program will be disseminated both within and outside of the university.

## ■ Good Practices

### ・The domestic and international promotion of the「Inter-University Exchange Project(Russia)」

Around 600 participants from both inside and outside of Japan participated in the Kick Off Symposium held in March of this year. Of note from Japan was the Minister for Economy, Trade, and Industry and Minister for Economic Cooperation with Russia, Mr. Hiroshige Seko, and from Russia, Deputy Prime-Minister and Department Chief of Educational Issues, Ms. Olga Golodets, and Minister for Economic Development, Mr. Maxim Oreshkin. Lectures were presented and panel discussions took place at this event. The presence of cabinet ministers from both countries not only supported our school's program, but raised awareness both domestically and internationally in relation to the Inter-University Exchange Project (Russia).