



# オンライン日露交流に向けて： 近畿大学の取組

Online Activities between Kindai and Russian universities

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近畿大学ロシアプロジェクト  
Kindai University



# Human Resource Program for Monodukuri Engineer in Japan and Russia

## 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)

### Japan-Russia 1-semester two-way exchanges

- [Inbound]
- Engineering design
  - Individual study
  - Internship
- [Outbound]
- Project management

■ Master degree : 2 years  
Ph.D. degree : 3 years  
(Students can only enroll in manufacturing technology, *Monodukuri*, program)

### Japan-Russia 2-week two-way exchanges

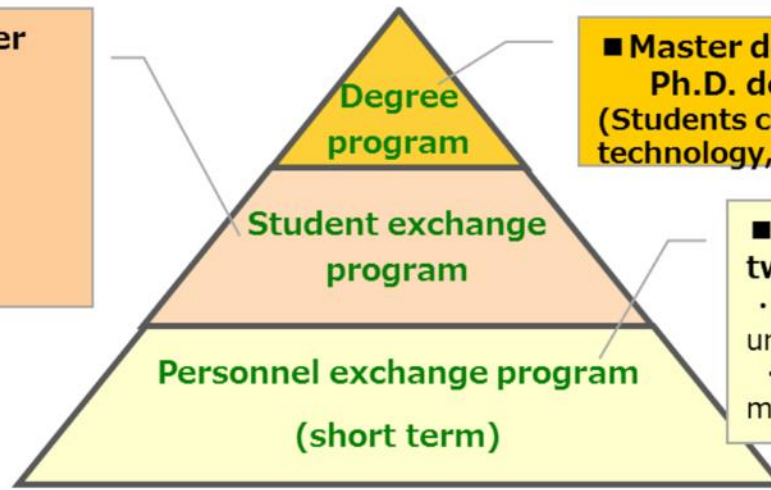
- Personal exchange, mutual understanding and friendship
- Internship, introduction to manufacturing technology, *Monodukuri*



Kindai university



- Faculty of Science and Engineering (7 departments)
- Graduate School of Science and Engineering Research (*Monodukuri*)



11 partner universities in Russia

# Plan and Current Status

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		Plan (number of students)	Current Status
<b>Degree Program</b>	Inbound	Apr 2020(2), Sep 2020(2)	Two graduate students arrived on March 2020
<b>Exchange Program</b>	Outbound	Sep 2020(5), Feb 2021(5)	×
	Inbound	Sep 2020(10)	×
<b>Short-term Program</b>	Outbound	Aug 2020(15)	×
	Inbound	Jul 2020(15)	×

# Alternative Activities Online

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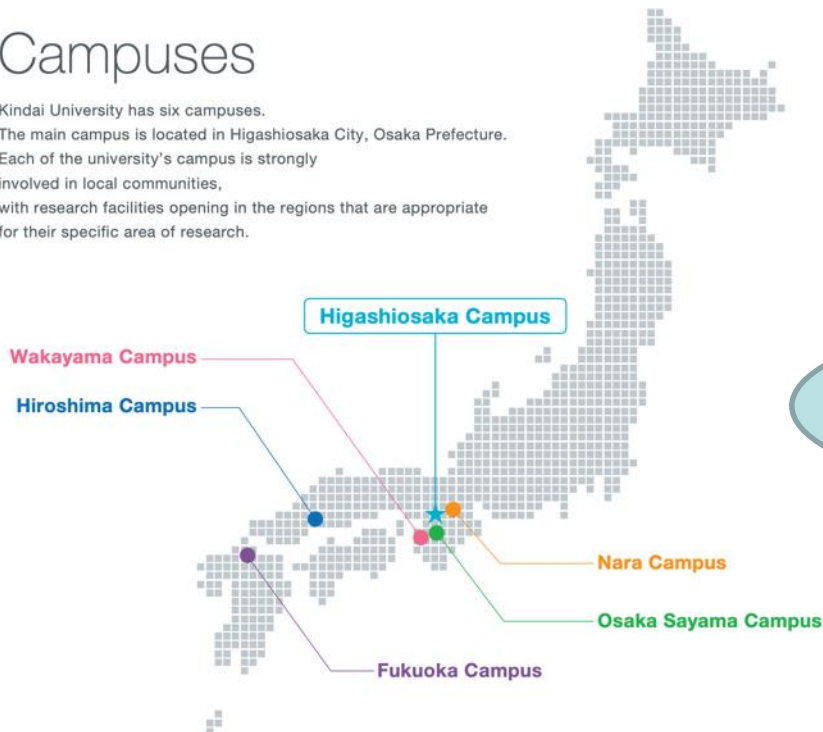
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# Activities for Outbound Students

- Online courses of Russian language
- Online seminars
- Participation in online courses, provided by Russian universities

## Campuses

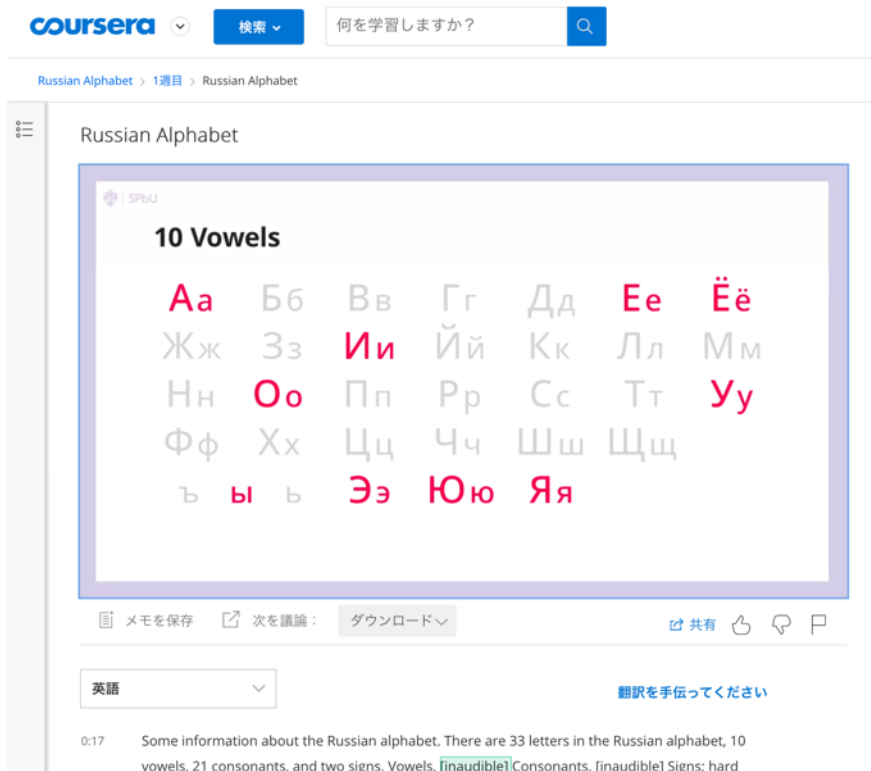
Kindai University has six campuses.  
The main campus is located in Higashiosaka City, Osaka Prefecture.  
Each of the university's campus is strongly involved in local communities, with research facilities opening in the regions that are appropriate for their specific area of research.



+ Participation from other campuses

# Online courses provided by Russian universities (MOOCs)

MOOCs = Massive Open Online Courses



The screenshot shows a Coursera course page for 'Russian Alphabet' from Saint Petersburg State University (SPbU). The page displays a list of 10 vowels in the Russian alphabet, arranged in a grid. The vowels are: Аа, Бб, Вв, Гг, Дд, Ее, Ёё, Жж, Зз, Ии, Йй, Кк, Лл, Мм, Нн, Оо, Пп, Рр, Сс, Тт, Уу, Фф, Хх, Цц, Чч, Шш, Щщ, Ъ, Ыы, Ь, Ээ, Юю, Яя. The page also includes a search bar at the top, a navigation menu on the left, and a video player at the bottom with a subtitle in English.



- Saint Petersburg State University
  - National Research Nuclear University MEPhI
  - National Research University Higher School of Economics
- etc



- ITMO University
  - National Research Nuclear University MEPhI
- etc

# Examples of Online Courses

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## ITMO University

- How to Win Coding Competitions: Secrets of Champions
- IoT Networking and Fog Layer Devices

## Saint Petersburg State University

- Doing Business in Russia
- Russian for beginners A1. Русский язык
- Neurolinguistics

## MEPhI University

- Nuclear Facilities: Regulations and Licensing
- From Atoms to Stars: How Physics Explains Our World

# Activities for Inbound & Outbound Students

## Russia - Kindai “Monodukuri” Students Forum

Feb 2021

- Understanding the concept of “Monodukuri”
- Understanding engineering and business in Russia and Japan
- Co-work for creating innovative products

Online lectures



Google Classroom

You Tube

Pre-workshop

 slack

Discussion, output

  slack

Certificate



# Conclusion

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- Involvement of students
- Quality assurance

