FY 2014 Re-Inventing Japan Project Hokkaido University

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

1. Outline

【Name of project】[Adopted year: FY2014, Country (Russia)]
East Russia-Japan Expert Education Program (RJE3 Program)

【Summary of Project】
The RJE3 Program is designed to foster the advancement of professional groups that play leading roles in the fields of sustainable environment, culture and development in the Far East and the Arctic Circle. To this end, the East Russia-Japan Expert Education Consortium (a.k.a. the RJE3 Consortium) was formed based on achievements and networks relating to joint field studies conducted by Hokkaido University and Russian universities on the environment, natural disasters, ethnic groups, languages, culture and other areas. Its members include a core of five universities in the Russian Far East, several Hokkaido University graduate schools, and representatives from local governments and industries in Hokkaido and the Russian Far East.

【Summary of Exchange program】
The RJE3 Program focuses on in-field training and provides opportunities for multidisciplinary group work on environmental assessment, cultural diversity, soil and productivity, regional resource development and disaster prevention management in the following four educational curriculum stages:

■ Prep subjects: deepening understanding of the cultures and histories of Japan and Russia and learning survival language skills before going to the destination country
■ Basic subjects: strengthening basic academic skills through multidisciplinary lectures and theme-specific in-field training in Hokkaido
■ Specialized subjects: deepening expertise in the destination country by taking subjects that complement studies in the home country to earn credits
■ Advanced subjects: utilizing knowledge and skills acquired from the previous educational curriculum stages in an internship at a local government office/company or writing a dissertation/other papers

The program is designed to support the establishment of an educational quality assurance system that includes stringent standards for credit recognition between universities in Japan and Russia, the award of two types of completion certificates (i.e., basic program completion and RJE3 Program joint completion), and the realization of a joint academic degree examination program in the future. Through the Sustainable Development Study Group to be established under the RJE3 Consortium, the program will also provide occasional opportunities for RJE3 alumni to gather. This will support the lifetime maintenance of networks developed on the program and help to foster mutual relations through collaborative work in political, economic, academic and technological fields.

【Global Human Resource on the project】
The project is expected to produce experts in environmental and cultural diversity in the Far East and the Arctic Circle who can play leading roles across disciplinary borders as highly skilled workers. These experts will have four skills indispensable for members of a multidisciplinary team: multicultural understanding, the capacity for effective communication, planning ability and creativity, and leadership proficiency.

【Feature on the project】
The project is characterized by its multidisciplinary nature. Participants come from various fields, including environmental science, engineering, literature, agriculture and science. To enable systematic and mobile educational collaboration in this context, a Central Office for the project is run at Hokkaido University’s Office of International Affairs (which is managed by HU executives and vice-presidents), and Liaison Desks managed by vice-presidents in charge of international affairs have been set up at Russian universities.

【Exchange number】

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2. FY2014 Progress

【Name of project】(Adopted year: FY2014, Country (Russia))
East Russia-Japan Expert Education Program (RJE3 Program)

■ Exchange Programs

1. Implementation of short-term training for Japanese students at Russian universities (Feb. 2015)
   Japanese students were dispatched to Russia’s Pacific National University and Sakhalin State University for around two weeks of training. Academic exchanges with students and academic staff in Russia gave the trainees an understanding of how future long-term training in Russia might be.

2. Teaching of prep subjects scheduled for the next fiscal year (Mar. 2015)
   Three Japanese academic staff members taught prep subjects for two days at Irkutsk State University. The Russian students there picked up well on Japanese culture and history, which facilitated subsequent studies of basic subjects on a trial basis.

3. Teaching of basic subjects on a trial basis at Hokkaido University (Mar. 2015)
   Joint lectures were attended by 47 Japanese and Russian students at Hokkaido University. During this five-day period of basic-subject teaching, Japanese and Russian students and academic staff engaged in earnest discussions on important issues in the Far East and the Arctic Circle. Academic staff from both countries talked about the five fields of environmental assessment, cultural diversity, soil and productivity, regional resource development and disaster prevention management. On the final day, attendees made presentations on what they had learned from the lectures. This helped students to understand their own progress and allowed academic staff to evaluate comprehension.

Student-Mobility

○ Outbound
  Five Japanese students were dispatched to two Russian universities for short-term training in February.

○ Inbound
  Hokkaido University hosted 35 students from five Russian universities for lectures on basic subjects on a trial basis in March.

■ Forming the University Network with Quality Assurance

1. Hosting of an International Steering Committee conference and a kickoff symposium (Dec. 2014)
   The International Steering Committee met to clarify the basic formulation of the educational curriculum and coordinate the structure of the RJE3 Consortium as a way of helping Japanese/Russian students and academic staff to run the program. At the kickoff symposium on the day after the conference, panelists discussed expectations for the fostering of Japan-Russia relations derived from the development of educational initiatives in the program.

2. Implementation of Japan-Russia joint faculty development and student surveys (Mar. 2015)
   As part of faculty development efforts after the trial lectures on basic subjects, discussions were held on the future direction of teaching in basic subjects and students’ thoughts on teaching. This helped to clarify the goal of developing effective educational programs between Japan and Russia.

   Five post-lecture student surveys were conducted to collect data for use in improving basic subjects in future years.

■ Promotion of Student-Mobility Environment

Appointment of Central Office staff and establishment of Liaison Desks (Dec. 2014 – Jan. 2015)
Three staff members were appointed to Hokkaido University’s Central Office to handle a range of tasks. Their duties include dispatching Japanese students to Russia, hosting Russian students, running the educational curriculum, organizing and advertising program-related events, and recruiting/supporting students. Liaison Desks were also established at five Russian universities to build a system that will facilitate communication with the Central Office.

■ Internationalization of the university

Information disclosure and Publication of outcome

1. Arctic Circle plans within the Future Strategy for the 150th Anniversary of Hokkaido University
   This program is positioned as a key initiative in promoting international educational cooperation, social contribution through industry-government-academia collaboration, and internationalized administrative work within the Future Strategy for the 150th Anniversary of Hokkaido University (a FY 2014 blueprint for university reform) in the Arctic Circle, which is an area of focus for Hokkaido University.

2. Website/Facebook page establishment and pamphlet/logo creation (Feb. 2015)
   The use of various media channels has increased the program’s profile among students and academic staff in Japan and Russia, and has supported the widespread recruiting of students. Information on participants’ experiences and on activities from a student perspective is posted on the website [https://rje3.ola.hokudai.ac.jp].

■ Notices

In FY 2015, basic subject courses will officially begin in August, and a long-term study-abroad program with a system for credit earning between Japan and Russia will be launched in September (at the start of specialized subject courses). RJE3 joint completion certificates will be awarded at the end of the fiscal year.
3. FY2015 Progress

[Name of project] [Adopted year: FY2014; country: Russia]
East Russia-Japan Expert Education Program (RJE3 Program)

■ Exchange Programs

Four-step educational curriculums related to student exchanges between Japan and Russia were established.

1. Offering Prep subjects

[Short-term dispatch of Japanese students] [from Feb. to Mar. in 2016]
Seventeen students were sent to three Russian partner universities as a first step toward developing a better understanding of Russia.

[Lectures at Russian partner universities by lecturers from Japan] [in May, Jun. and Sep. 2015]
Seven lectures from Japan gave lectures to approximately 500 Russian students at all five Russian partner universities.

2. Offering Basic subjects [introduction and fieldwork] by Japanese and Russian lecturers [August 2015]
[Introduction based on an interdisciplinary lecture style]
A total of 42 Japanese and Russian students came together at Hokkaido University to attend six days of Japan-Russia joint lectures on history and culture, natural environments, regional development, politics and economics. On the final day, individual groups presented their achievements.

3. Offering Specialized subjects in which students can receive credits after studying overseas [from September 2015]
A student from Japan has started studying specialized subject courses at a Russian partner university in September, while nine students from Russia, after completing Basic subjects, started studying specialized subject courses in October in Japan. These students were able to obtain credits for Specialized subjects that were taken only at overseas universities.

4. Arranging Advanced subjects to be offered the following year [October 2015]
By ensuring the consistency of advanced courses in educational curriculums and registering advanced courses as regular ones, arrangements were made to offer them the following year.

Student mobility

- Outbound

Nine students were sent to a short-term program [for fieldwork in Basic subjects] offered in August at a Russian partner university, while one student was sent to a long-term program [for Specialized subjects] started in September at a Russian partner university [returning in August 2016] and seventeen students were sent to short-term programs [for Prep subjects] offered from February to March at three Russian partner universities.

- Inbound

We accepted 25 students from five Russian partner universities for a short-term basic subject course in August. Nine of these students, who were accepted as special auditors by three graduate schools, started six-month specialized subject courses [returned in February or March 2016].

■ Forming the University Network with Quality Assurance

Five conferences were set up within the RJE3 consortium to contribute to the constant enhancement of educational quality and development of the regional economy.

1. Second International Steering Committee [Aug. 2015]: discussed the management of programs between Hokkaido University and five Russian partner universities following the previous year
2. Education and Exchange Study Group [Jan. 2016]: exchanged information and opinions with six national, public and private universities in Hokkaido that engage in academic exchanges with Russia
3. Sustainable Development Study Group [Feb. 2016]: established as a platform where RJE3 alumni can continually get together and cooperate; comprised of a total of 43 members that include teaching staff and students from Japan and Russia, one local government, three corporations and one research institute
4. Second FD Implementation Committee [Feb. 2016]: invited an outside lecturer to give lectures to a total of 24 people consisting of faculty and staff at Hokkaido University
5. External Evaluation Committee [Jun. 2016]: tentatively appointed members of the Committee in March 2016 and held the committee meeting in June 2016

■ Promotion of Student-Mobility Environment

We compiled a manual for crisis measures at the central office in August 2015, and incorporated it into the manual for overseas study programs in all faculties.

■ Internationalization of the University

Information disclosure and publication of outcome
We compiled a guide for taking courses and publicized it on our website [March 2016], as well as created RJE3 newsletters [October 2015].

■ Notices

Advanced courses will start in October and a RJE3 Program joint completion certificate will be issued at the end of the year.