

The Vanguard Engineer Fostering Program Course starts!

From Nagaoka to the World!

In recent years, the globalization of the market and the subsequent multi-nationalization of companies is rapidly progressing, and it is necessary to foster global human resources who can play an active role internationally. In this course, opportunities to foster and develop communication skills, the challenging spirit, and intercultural understanding considered necessary for global human resources are provided by Global PBL subjects, with local Nagaoka or various foreign countries as the field for learning!

By actually organizing mixed teams with local companies, NaDeC and overseas partner schools as well as international students, students work towards resolving various problems. The course has also been implemented in various places both domestic and overseas. In this school, students can expand their circle of friends to include the world and aspire to become vanguard engineers who can play an active role on a global scale!

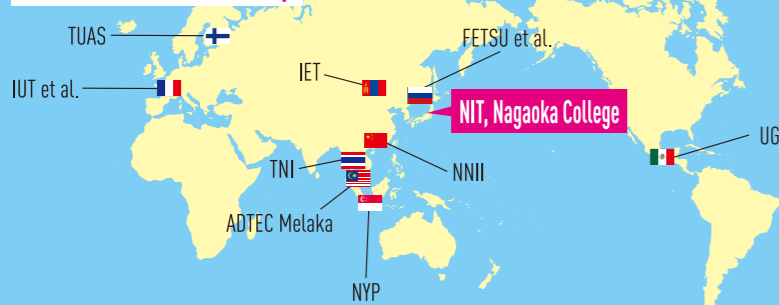
Nagaoka K O S E N

Fly to the World!

Examples of actual initiatives

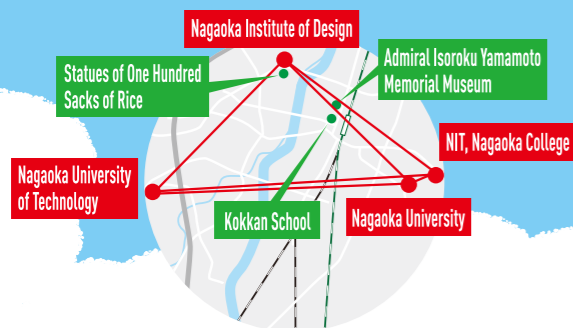
In March 2017, we conducted the Global PBL in Mexico together with students of the KOSEN course in University of Guanajuato and Salamanca High School, Mexico. We worked on solving local problems (graffiti problem and effective use of rainwater), involving ourselves while discussing issues in English. We conduct thorough training before leaving Japan. Fly to the world with courage! Nagaoka KOSEN ensures your curiosity will be satisfied.

International Partnership



NaDeC (Nagaoka Delta Cone) Plan

The Nagaoka Delta Cone: Collaboration among three universities and one KOSEN concentrated within a radius of 8km.



"Nagaoka" - a city of educational culture that builds the future

- Meiji era** Historical episode of Komehyappyo (One Hundred Sacks of Rice) regarding education by KOBAYASHI Torasaburo
- Showa era** "Show how to do it", "Training of man", famous sayings Admiral YAMAMOTO Isoroku left
- Heisei era** Fostering vanguard engineers

Let us learn at Nagaoka KOSEN
to become global engineers in the future!



For more information,
visit our web site.



As everyone knows, globalization is rapidly progressing in today's society and there is a need for global human resources who can play an active role internationally. In order to engage in improving the three competencies of communication skills, challenging spirit, and intercultural understanding sought in global human resources, the National Institute of Technology, Nagaoka College (Nagaoka KOSEN) is actively conducting exchanges with many overseas partner schools. Further, there are a lot of international students in this school providing an environment for being in touch with English as a matter of course. Let us learn at Nagaoka KOSEN and connect with the world!

Overseas Training for Students

We provide an opportunity to learn and understand a cross cultural communication to Japanese students through study abroad every year. At the visit destination, there are opportunities to learn English and other languages and cultures through "Monozukuri Exchange" with our partner school students, through visits to Japanese companies, and through cultural explorations.

ADTEC Melaka in Malaysia

Malaysia



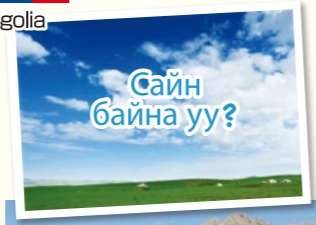
10 Days



Selamat pagi!

Institute of Engineering and Technology in Mongolia

Mongolia



10 Days



Thai-Nichi Institute of Technology in Thailand

Thailand

10 Days

สวัสดี ครับ



University of Guanajuato in Mexico

Mexico



10 Days

¡Hola!



Training in Engineering English

Far Eastern State Transport University in Russia

Russia

15 Days

The summer school sponsored by the Far Eastern State Transport University aims to cultivate international mindedness of students. Students can attend lectures in engineering subjects including physics and materials engineering conducted by local faculty members in English as well as enroll in the 3DCAD practical operations course.



Research Laboratory Dispatch

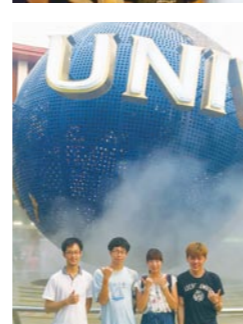
Nanyang Polytechnic in Singapore

Singapore

3 Months

Message from student
Department of Materials Engineering
fifth-year student (2017 fiscal year)
Yuko Ida

During my study abroad, I conducted research on deterioration due to continuous use of edible oil and the effects on the human body. Further, in daily life, I had the opportunity to share meals with students from the same research laboratory, go out together after dismissal of class or on holidays, and were able to have a very pleasant time. Also, it was a good opportunity to learn English. I strongly recommend experiencing the overseas dispatch training upon entering Nagaoka KOSEN.



Receiving students from Partner Schools

We accept students and teachers from overseas schools with whom there is an academic exchange agreement, and implements "Monozukuri Exchange" and "experiential programs". We also receive students from overseas into our research laboratories for a period of about three months and engage in research together. There are guest rooms in the students' dormitory where the accepted students can stay and this also provides opportunities for exchange.

"Monozukuri Exchange" Group Short-Term Dispatch Acceptance

Thai-Nichi Institute of Technology in Thailand

Thailand

8 Days

Mixed teams were organized with the Nagaoka KOSEN students and a ten-pin bowling Robot Competition was held using the LEGO Mindstorm EV3.



Mongol Kosen Education Center NGO

Mongolia

10 Days

Mixed teams were organized with the Nagaoka KOSEN students and useful goods using 3DCAD were developed and manufactured.



Receiving students from Partner Schools into Research Laboratories

Nanyang Polytechnic in Singapore

Singapore

3 Months

Receiving students from Partner Schools into Research Laboratories Two students each are accepted in the research laboratory in the first and second semester.



IUT A de LILLE (UNIVERSITE LILLE 1) in France

France

3 Months

A French student conducted research while communicating in English with Japanese students in the laboratory.



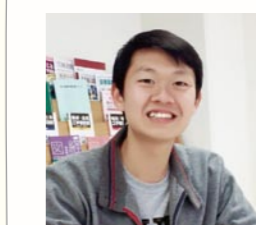
Chikyu-Lab.

The Chikyu-Lab. is a place for daily interaction between international students and Japanese students. It is a place for multicultural understanding as well as a place for information exchange, and provides support for nurturing international mindedness. The Chikyu-Lab. conducts the seminar called "International Affairs and Communications" held 15 times a year. This is a group-work-centered class in which Japanese students and international students have discussions recognizing each other's viewpoints and differences and thinking together.



Learning together with international students

The regular international students at Nagaoka KOSEN will transfer into the third year!



Vietnam
Message from international student
Department of Electrical and Electronic Systems Engineering
fourth-year student (2017 fiscal year)
PHAM THE THAO

At the KOSEN, students can acquire basic knowledge to specialized knowledge and there are not only classroom lectures but also a lot of experiments. The faculty members teach with great care, all the classmates are very kind and are quick to help in case of any trouble and the classes are truly enjoyable. After graduating from the KOSEN, I would like to transfer into an advanced course of the KOSEN and acquire in-depth knowledge about electrical and electronic engineering. In the future, I would like to return to my country and utilize the knowledge acquired in Japan and contribute to the development of my country.