

FY2022 Inter-University Exchange Project Kobe University

Support for Creation of Inter-University Exchanges in the Indo-Pacific Region

【Name of project】(Adopted year: FY2022)

International Educational Program for Developing Global Human Resources in Engineering for Solving Global Issues

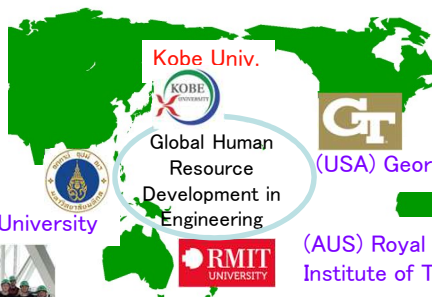
【Summary Inter-University Exchange Projects】



Able to think and act independently in resolving global issues such as how to achieve carbon neutrality

The next generation of globally-minded engineering specialists who possess a multifaceted perspective and leadership skills

(THAI) Mahidol University

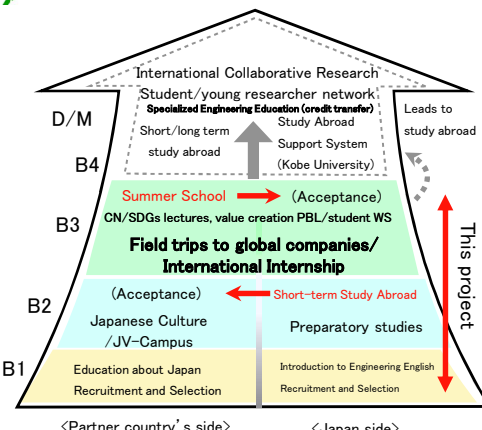


(USA) Georgia Institute of Technology

(AUS) Royal Melbourne Institute of Technology



- (1) Foster international exchange awareness and global perspectives through a continuous international co-curricular program over the three years of undergraduate studies
- (2) Make introductory English for Engineering a required course
- (3) Organize international cooperative learning programs aiming to tackle global issues:
 - Observational field trips to global companies/International internships
 - Value Creation PBL(Problem Based Learning)/Student workshops
 - Engineering lectures on carbon neutrality (CN) and SDGs, as well as preventing and mitigating disasters based on experience of past earthquakes



【Summary of Exchange program】

Kobe University and Royal Melbourne Institute of Technology (Australia) will take the lead in implementing this program in collaboration with the Georgia Institute of Technology (USA) and Mahidol University (Thailand). By continuously providing international co-curricular opportunities throughout the three-year undergraduate course, this program will foster a strong sense of global perspectives and cross-cultural adaptability for engineering students. The goal of the program is to nurture “the next generation of globally-minded engineering specialists who possess a multifaceted perspective and leadership skills” enabling them to think and act independently when tackling global issues such as how to achieve carbon neutrality.

【Global Human Resource on the project】

This project aims to nurture global leaders in engineering who not only have specialized knowledge and language skills as engineers and technicians, but also understand their country’s international position in the energy and mineral resource supply chains and on the top of that, who possess the cross-cultural understanding and multifaceted perspectives necessary for mutual developments with countries that share their values.

【Feature on the project】

This project will instill a global perspective in the minds of students by providing international collaborative learning opportunities on an ongoing basis over multiple years. In addition, this project will provide plentiful opportunities to mutually understand the differences not only in cultures but also in the industrial structures and science policies of each country implementing international cooperative learning experience programs, such as training/internships at global companies and student workshops. Overall, this project is designed to help students understand their own country’s position from a global perspective as an engineer, and make students aware of the need to strengthen cooperative relationships and partnerships in order to grow with countries that share similar values.

【Exchange numbers】

		2022	2023	2024	2025	2026
Outbound	Students studying abroad	0	20	20	22	23
	Students taking online international education and exchange programs in their home countries	15	0	0	0	0
	Students fulfilling both of the above requirements	0	0	0	0	0
Inbound	Students studying abroad	0	0	0	0	0
	Students taking online international education and exchange programs in their home countries	20	0	0	0	0
	Students fulfilling both of the above requirements	0	20	20	20	20