

FY2022 Inter-University Exchange Project – Nagaoka University of Technology

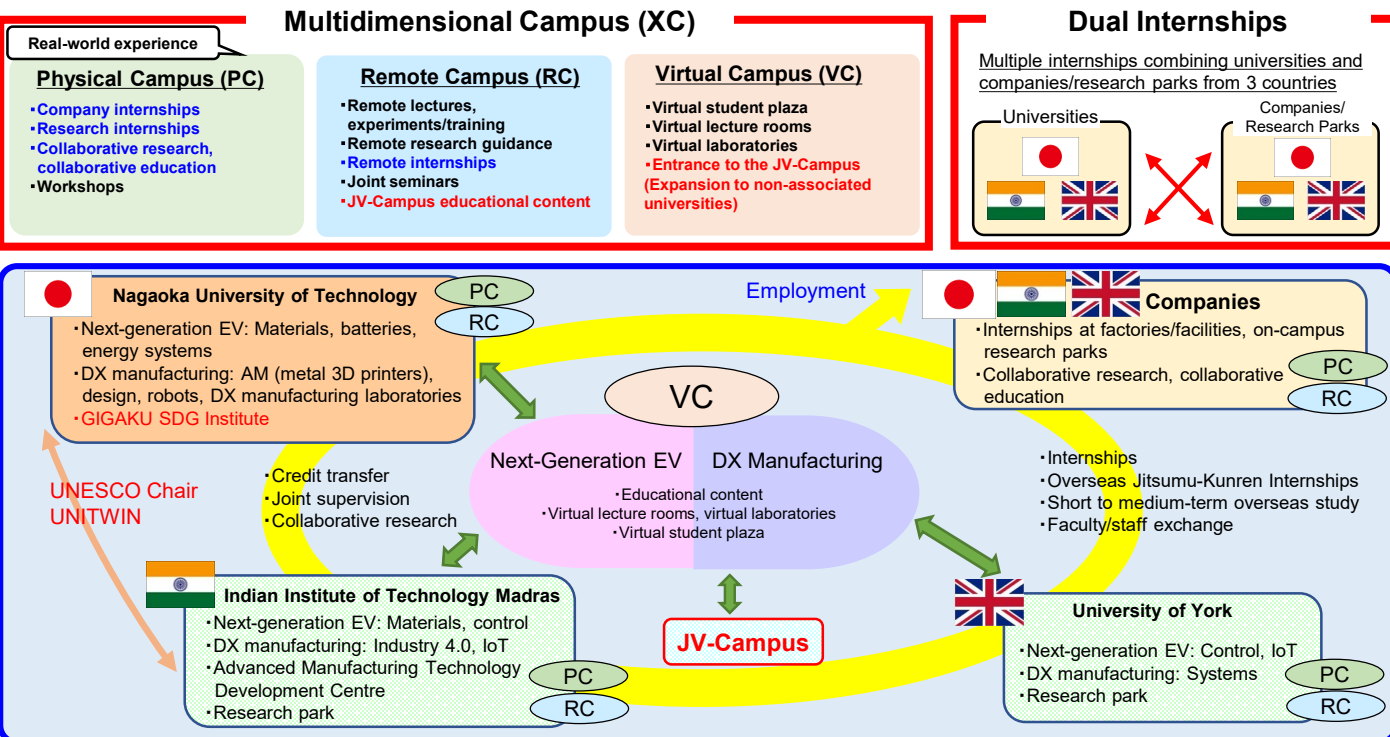
Support for Creation of Inter-University Exchanges in the Indo-Pacific Region

【Name of Project】(Adopted Year: FY2022)

International Cooperative Educational Program using Dual Internship on Multidimensional Campus

【Summary of Inter-University Exchange Projects】

Establishment of a multidimensional campus (XC) that effectively combines face-to-face exchanges, remote exchanges, and virtual exchanges; and the creation of an environment that enables students from our university and partner universities to interact at any time and location.



【Summary of the Exchange Program】

With a focus on next-generation electric vehicles (EV) and digital transformation (DX) manufacturing, the exchange program will achieve the following through education and research on these common themes by students and researchers:

- (1) Establish an XC comprising physical, remote, and virtual campuses
- (2) Develop teaching materials for next-generation EV and DX manufacturing that can be applied in the XC, as well as plan and conduct education events such as international symposia
- (3) Promote high-quality human resource development through international collaborative learning in the XC, and improve education programs based on these validated outcomes
- (4) Implement dual internships (combining different locations and multiple content) and cooperative internships for Japanese students and foreign students

【Global Human Resource on the project】

Abilities to be trained

- Practical and creative abilities that can generate innovation
- Intention to contribute to the actualization of sustainable societies
- Ability to respond flexibly to social changes from a global perspective
- Leadership and management skills



Development of leading engineers who can play active roles at the global level

【Feature on the project】

Establishment and operation of an XC as an international collaborative learning and research platform, and implementation of dual internships consisting of different locations and multiple content.

【Exchange number】

		2022	2023	2024	2025	2026
Out bound	Students studying abroad	2	0	0	0	0
	Students taking online international education and exchange programs in their home countries	0	10	19	28	28
	Students fulfilling both of the above requirements	0	5	7	11	11
In bound	Students studying abroad	1	0	0	0	0
	Students taking online international education and exchange programs in their home countries	0	6	13	21	21
	Students fulfilling both of the above requirements	0	5	7	11	11