Kyushu Insititute of Technology (University Functions to be Enhanced: 2. Generate innovation than can help solve global issues and advance societal reform)

Collaborators: The University of Kitakyushu, Nagasaki University

Participators: The University of Tokyo, Institute of Science Tokyo, Muroran Institute of Technology, Kyushu University, National Institute of Information and Communications Technology, Japan Aerospace Exploration Agency, University Putra Malaysia, King Mongkut's University of Technology North Bangkok, National Taiwan University of Science and Technology, City University of New York, Sapienza University of Rome, University of Lorraine

Summary



By promoting engineering research and personnel development, Kyushu Institute of Technology (Kyutech) exemplifies Center of Innovation University model that its bleeding-edge technologies and human resources make an impact on the World.

Strategies to Accomplish the Goal:

①
Management

- 1. Realization of University management that links short & long-term visions
- 2. Enhancing adaptability of management to catch up rapid industrial changes
- 3. Virtuous cycle of budget: from profit of social implementation, to fund profitable research

2 Environment

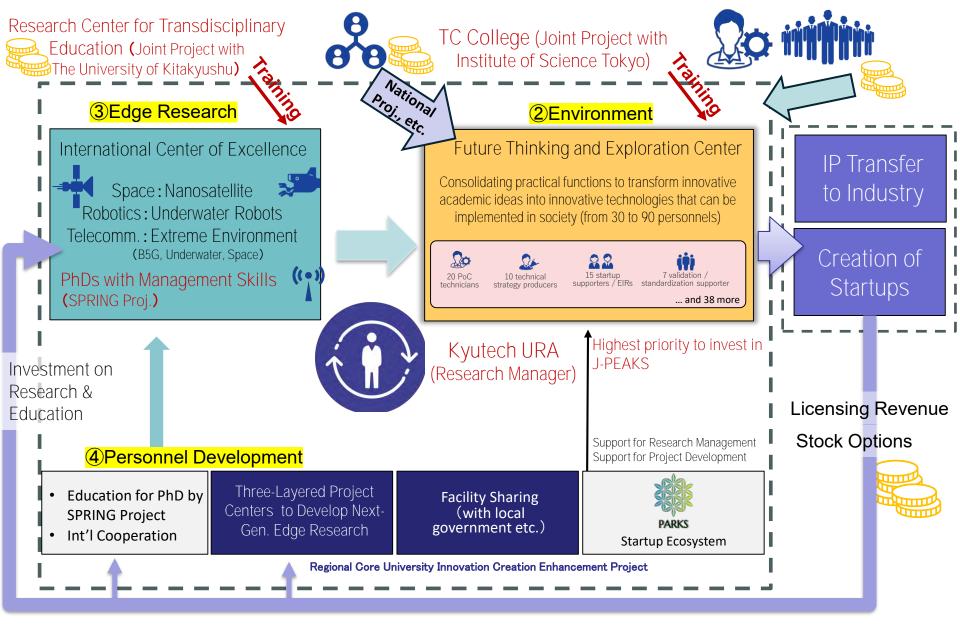
- 1. Enhancing function of Future Thinking and Exploration Center
- 2. Establishing facilities of "Idea Creation", "Trial & Error", and "Social Implementation"

③ Edge Research

- 1. Establishing international bases of Space, Robotics, and Telecommunication
- 2. Promotion of Open Facility Center concept to overcome barrier among faculties

④ Personnel

- 1. Training researchers and PhDs in management & social implementation skills
- 2. Developing personnels for transition management, capable of social science
- & technology fusion

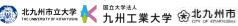


1 Management Reform: Virtuous cycle of budget

Framework General Manager Meeting **President** Triangular cooperation of organizational management Triangular cooperation of Planning and operation of research management Office of International Office of Strategic Executive Managers, education and research Strategic Partnerships Management Vice Presidents **Innovation Headquarters** Collaboration with overseas universities Proposing strategies and measures based on university-wide policies One of the Assistant and promotion of international hubs to Executive Director Industry-Academia is Kyutech URA in **Advanced Research Innovation Center** neir 30s **Opinion Opinion** Headquarters 北九州市立大学 LaSEINE nPErc Young Academy Consists of all staffs under the age of 40 A comprehensive university Research with organizations not found at management Kyutech, aiming to realize **IoTRC** Neumorph Initiatives with the University's future in mind **Innovation and Social** by Kyutech interdisciplinary fusion of Implementation Headquarters URA **Incorporating young** Center of Innovation University **CSRS** -ENERON in cooperation with Kyutech Planning and Promotion of J-PEAKS opinions into management NICT STATISTER And 6 more project centers **Management Strategy Meeting Promotion Structure of Operation Base** 長崎大学 Internationalization Opinions Nagasaki University promotes **Management Unit** Space & Robotics realization of "Planetary Health" rench Government Organizations University of Lorraine, France by innovative research on the Kitakyushu oceanic future. Supporting Kital City Kyutech's realization of world-R&D ing Mongkut's University of Technology North Bangkok University Putra Malaysia leading social implementation Deep Tech Seeds A city leading the SDGs base for underwater robotics with a focus on the environment, robotics, **Future Thinking and** ★ 別立大学芸人 九州工業大学 DX. etc. Institute of **SCIENCE TOKYO Exploration Center** Promote Kvutech as a hub and spoke nteraction with innovation ecosystems in industrial **Project** for world-class research in the fields of National Taiwan University of Science and Technology areas in the Capital and the World space, robotics, and telecommuni-Training scheme of technicians cations, which are Kyushu Institute of Development City University of New York Startup Development Section Technology's distinctive research fi via TC College Startup Ecosystem by 19 Three Engineering Social Implementation and Fuku City Fukuoka Universities universities from Kyushu Types of members of Future Thinking and Exploration Center Cooperation Standardization Section and Okinawa region Ω o A role model for a 🀠 九州大学 PoC technician Technical strategy producer Startup supporter • FIR growing city as a 室蘭工業大学 Cooperation with human Cooperation with an alumni With a CXO human resource With Kitakyushu NSSZ PoC and Validation Support Section leader in Asia organization PARKS Co-Chief Interaction with innovation ecosystems in local industrial city Underwater Robotics **SPACE** Hibikino Open Facility Center Concept - 長崎大学 ■立大学法人 九州工業大学

Jointly establish "CubeSat Salon" in July 2024 to provide consultation on development and operation of nano-satellites. Provide consulting services on mission assurance for nanosatellites to universities, companies, etc.

Three leading underwater robotics research institutes in Japan will collaborate to establish the Center for the Promotion of Research and Development of Real Sea Area Technology (tentative name). The center will enable continuous social implementation of marine technology and establish Northern Kvushu as a world-class social implementation center for underwater robots.



In collaboration with the Research Infrastructure Council, in which more than 26 universities are participating, the City of Kitakyushu (via FAIS), Kyushu Institute of Technology, the University of Kitakyushu, and R&D-oriented companies will promote open facilities in Kitakyushu Science and Research Park, where they are concentrated.

Timeline & Milestones

