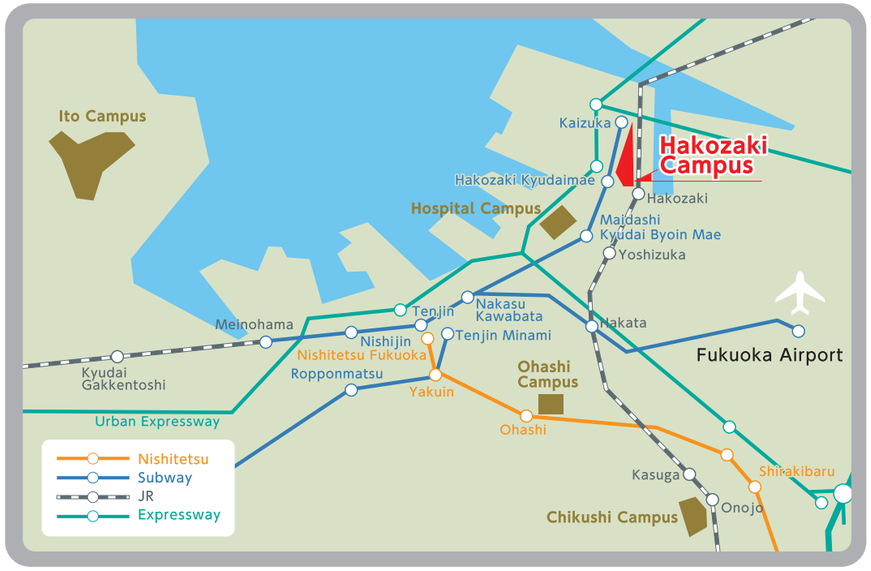

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UNIVERSITY

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April, 2012 issue

Challenge for Future

QREC

ROBERT T. HUANG ENTREPRENEURSHIP CENTER
OF KYUSHU UNIVERSITY [**QREC**]

Youth is wholly experimental

Robert Louis Stevenson

Dr. Robert T. Huang

Founder of SYNNEX Corporation
Chairman, SB Pacific Corporation Limited
Chairman of SYNNEX Infotec Corporation
ThreePro Group Inc. Chairman
Honorary Doctor of Kyushu University

As an entrepreneur, we always need to stay “Alert”, and “Analyze” the opportunities and then “Act”. After all, it is the action that produces the result.

I acquired two mid size Japanese IT companies in the last 18 months. At time of the acquisitions, both companies were in deep trouble. Both companies were turned into profit very quickly after a lot of changes I made.
It is commonly known that Japanese companies change very slowly.Through my management experiences, I came to learn that it is not so much Japanese companies cannot make the changes fast, it is either the leaders of the companies do not know when and what changes to make or they are just too risk averse to do so. To be more accurately stated, if the leaders know what they are doing and willing to take the risk, their organizations will respond and execute very fast.
As an entrepreneur, we always need to stay “Alert”, and “Analyze” the opportunities and then “Act”. After all, it is the action that produces the result.
I can say this, if it were not those who at Kyushu University, who bravely took actions, QREC would never be born.
Salute to the decisive actions, you set the good example.

Professor Toru Tanigawa

Director General,Robert T. Huang Entrepreneurship Center of Kyushu University (QREC)

Professor & Deputy Director General, Arts, Science and Technology Center for Cooperative Research, Kyushu University (KASTEC)

In order for Kyushu University to produce future global leaders who challenge themselves to make their dreams into reality, QREC strives to be one of the top entrepreneurship centers in Asia

Entrepreneurship is essential, not only for profitable new venture creation but for all areas of society. It is required for social entrepreneurship, new business creation in large companies, efforts in academia and the government sector to put their new ideas into practice, and more.
Kyushu University students have great potential to spread their wings in the global arena as future leaders of society. The students’ active efforts to create new values, or to express their entrepreneurship, will lead to individual happiness as well as to prosperity for society at large.
The center, QREC, will do its utmost at Kyushu University to produce future global leaders in collaboration with people and institutes both inside and outside the campus, at home and abroad.

Concept

Establishment of QREC

The Robert T. Huang Entrepreneurship Center of Kyushu University (QREC) was established against the backdrop of Kyushu University’s growing need to work systematically on entrepreneurship education that encourages students to challenge themselves to create new values, as well as MOT (Management of Technology) education, which shows students how they can transfer their research results and technologies to society. Dr. Robert T. Huang, a prominent alumnus of Kyushu University who has achieved significant success in the United States, made a substantial donation to commemorate the centennial anniversary of Kyushu University. With his funding, Kyushu University reorganized and reshaped its Venture Business Laboratory, where the main activity had been supporting R & D projects to facilitate venture businesses, into QREC. The great success of the Robert T. Huang Entrepreneurship Program of Kyushu University (QREP), which has been held in Silicon Valley annually since 2006, prompted Dr. Huang to make a donation toward the establishment of QREC. QREC bears a significant role in bestowing upon many more students the results yielded by QREP, and in spreading its spirit as a full-fledged entrepreneurship education and research center.

What We Do

QREC provides both undergraduate and graduate students at Kyushu University with systematic, pragmatic, and interdisciplinary education concerning entrepreneurship, while carrying out R & D activities on entrepreneurship in collaboration with leading national and international universities and research institutes that are highly recognized in terms of entrepreneurship education.

QREC focuses on the following six activities

- Providing all students in Kyushu University with advanced and systematic education concerning entrepreneurship
- Conducting research on entrepreneurship and effective methods of entrepreneurship education.
- Carrying out social and regional entrepreneurship activities in collaboration with the community

Developing future leaders who will play active roles in the global arena

- Disseminating information on entrepreneurship, and carrying out exchange activities with domestic and overseas institutes to promote closer collaboration
- Assisting with R & D activities concerning venture businesses
- Operating and managing business incubation facilities

Through these efforts, QREC aims to achieve our objectives, which include leadership development at Kyushu University, further internationalization and effective branding of Kyushu University, and the enhancement of social cohesion by promoting industry-academia collaboration.

Even with the most revolutionary ideas, if you don't take action, you cannot change the world

Michael Moore

Our Mission

◎QREC provides students at Kyushu University with a leading entrepreneurship education that will produce **future leaders who can spread their wings internationally, and with a sense of independence and ambition, a global point of view, and a willingness to actively create new values.**

◎QREC strives to develop talented individuals who will challenge themselves to not only start new ventures but also create new values in a large company, in academia, and in any other field in society.

◎QREC serves as a hub for the nurturing of entrepreneurship in our region

The Talents We Foster

- ☐The ability to discover and/or create an opportunity by one's self, to set one's goals and to find the path to achieve them
- ☐The willingness to challenge one's self to create new values
- ☐A sense of independence
- ☐The knowledge and ability to observe society and the world from a broader point of view (“T-shaped people”, “Global talent”)
- ☐The motivation to utilize knowledge in society, as well as the ability to create practical value (“MOT people")

Our Goal

QREC aims to be an internationally competitive and unique organization that trains students to respond to present-day challenges such as business in emerging countries and social business. QREC strives to be one of the top full-fledged entrepreneurship education and research centers not only in Kyushu and Japan, but also in Asia.

Global

QREC is building its network with universities and industries in the United States, Asia, and other parts of the world. In doing so, QREC aims to design a curriculum that meets international standards, while actively promoting international exchange activities for students and faculty members. Additionally, QREC encourages foreign students to take an active part in QREC programs. Their participation brings diversity to the learning environment at QREC.

Practical

The courses QREC offers to students are not limited to classroom lectures. The curricula of QREC include case study analyses, lectures by invited active entrepreneurs, Project Based Learning, and interactive discussions. In this way, QREC provides students with a practical, dynamic, and interdisciplinary education. Moreover, in cooperation with industry, QREC holds lectures jointly with its partner companies, and promotes internship programs.

Design

In order to produce new social value, we need to find and identify the problems, and then “design” how we solve them. Enhancing a person's ability to design and generate an idea will help that person fulfill a personal dream, and QREC aims at developing each student's ability to design.

Our Strength

Systematic entrepreneurship education intended for both undergraduate and graduate students

QREC is Japan's first institute to offer systematic and integrated entrepreneurship education programs for students from both undergraduate and graduate school.

A combination of entrepreneurship education and MOT education

QREC gives a broader definition to “entrepreneurship education,” and offers comprehensive education programs with the aim of producing future leaders.

Global perspectives

In collaboration with MIT and other leading international universities, QREC ensures opportunities for people to interact with the best resources available overseas. QREC also encourages foreign students to take an active part in QREC programs, and promotes collaboration with the International School of Arts and Sciences of Kyushu University (a new department in the planning stage), so that it can teach students to acquire global perspectives.

Interdisciplinary education programs, Students from diverse backgrounds

QREC sets up and runs education programs jointly with other departments and schools of Kyushu University, including the Graduate School of Engineering, Graduate School of Information Science and Electrical Engineering, Graduate School of Bioenvironmental Science, Graduate School of Design, and the 21st Century Program. QREC promotes interdisciplinary projects, and encourages students who come from diverse backgrounds to learn and work together.

Practical approach to industry-academia collaboration

QREC encourages students to participate in international student organizations for networking purposes, while promoting interactive and student-participation programs.
QREC uses the case study method to offer practical, hands-on training.
QREC asks industries for their active participation in providing human resources and opportunities for practical training programs.

Responding to today's needs

QREC responds to today's diverse new trends, such as businesses in emerging markets and social entrepreneurship.

Core Faculty Members

In addition to the core members, QREC is inviting faculty members from both home and abroad.

Associate Professor
Shingo Igarashi

Deputy Director General, QREC

Field of specialization:
Entrepreneurship,
Management strategy theory

Professor
Toru Tanigawa

Director General, QREC
Deputy Director General, KASTEC

Field of specialization:
Regional Economic Policy,
Business Incubation,
Industry-University Cooperation

Lecturer
Hironobu Tamaki

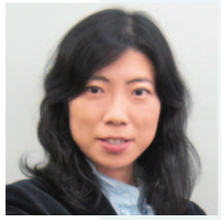
Adviser to the Director General, QREC

Field of specialization:
Entrepreneurship

Associate Professor
Megumi Takata

Department of Business and Technology Management
Graduate School of Economics

Field of specialization:
University-Industry Collaboration,
Management of Technology (MOT),
Entrepreneurship



Associate Professor
Ei Shu

Department of Business and Technology Management
Graduate School of Economics

Field of specialization:
Technological Innovation and Entrepreneurship

The best way to predict the future is to invent it

Alan Kay

Program [Education Programs]

■QREP

Official name: Robert T. Huang Entrepreneurship Program of Kyushu University

QREP is an educational program that aims to nurture people with an interest in entrepreneurship and global points of view. This program is conducted with the support of Dr. Robert T. Huang, an alumnus of Kyushu University and Founder of SYNNEX Corporation. QREP provides students with an opportunity to stay in Silicon Valley in the United States for one week, to plan for their career development and increase their willingness to take on challenges. This is done through lectures delivered by various speakers, and through discussions with Stanford University students. Waseda University, a partner of Kyushu University, sends several students to participate in QREP.

■Entrepreneurship Seminar

In order to create new industries, we need to foster individuals who are rich in entrepreneurship values that spur them to try new things, while at the same time carrying out research activities to generate "technology seeds." QREC organizes the omnibus style Entrepreneurship Seminar to provide students with an opportunity to develop their entrepreneurial skills and to plan for their career development.

Project [Student Projects]

■C&C

(Challenge & Creation)

Kyushu University started C & C in 1997 with the motto, "Set out from campus on the wind for creation and challenge." C & C supports unique research projects that are proposed by graduate or undergraduate students. C & C is open to all students at Kyushu University. A total of 600 students have participated in C & C in the past. Quite a few projects adopted for C & C have been growing in collaboration with governments and the local community. C & C has become an emblematic project that demonstrates the uniqueness of Kyushu University. We encourage you to demonstrate what you want to do as a Kyushu University student by joining C & C to create, develop, and put your own original innovative idea in action.

■Q-shop

(Q-shop is a startup simulation program at the Kyushu University)

Q-shop at student festival, "Kyudaisai", where students can take the role of Entrepreneurs. Participant students can get inspiration and real business experience by opening a "Shop Virtual Company" and going through all the following steps: develop business plan→start new company→present the business plan and evaluate by VC→receive investment→open and operate the Shop→prepare Financial Statements→Audit→Shareholder meeting.

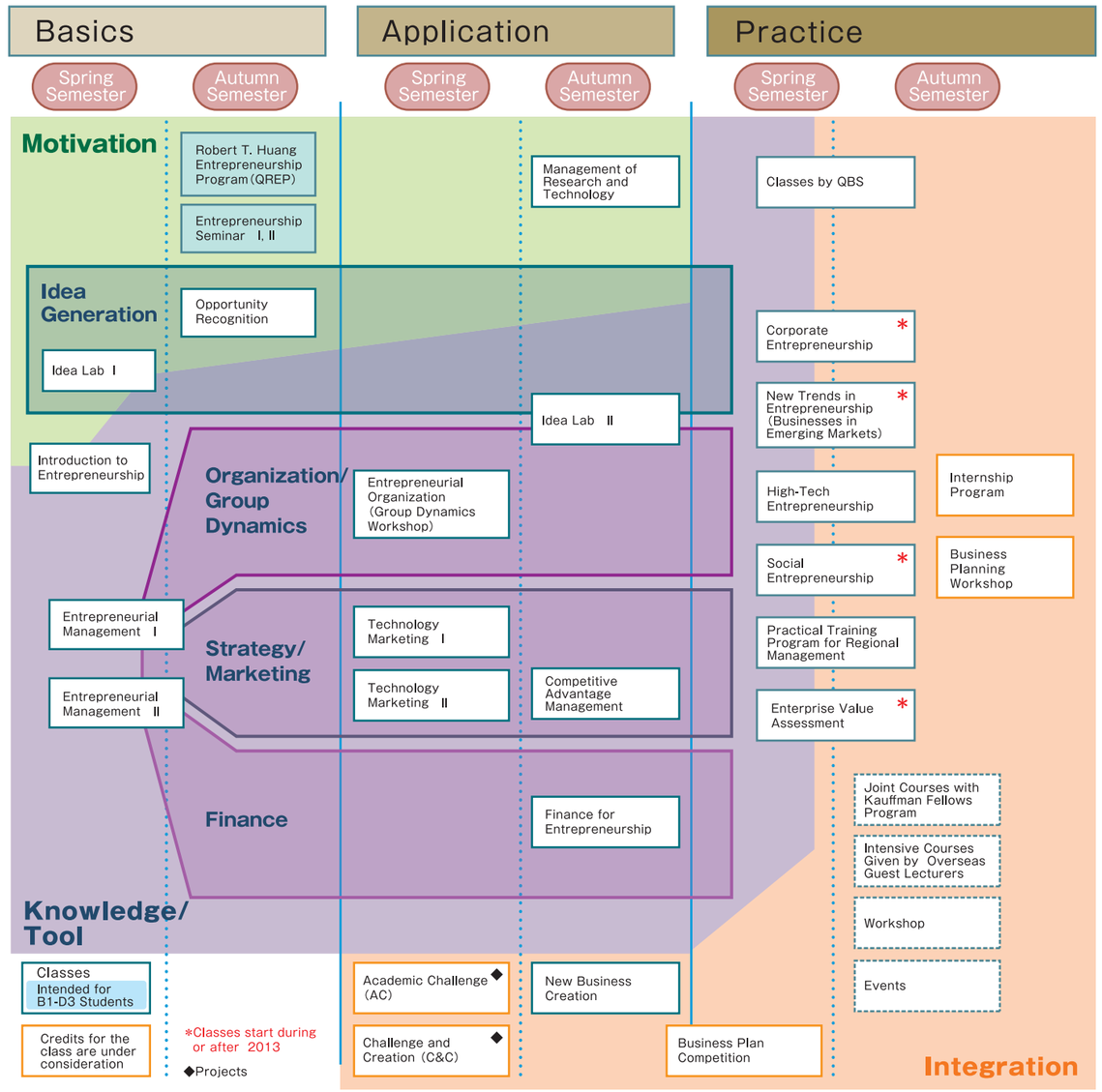
■AC

(Academic Challenge)

AC is a research grant intended for students who are enrolled in a graduate school at Kyushu University. Participating students carry out all the processes of research by themselves, from designing their research plan and searching for funding to carrying out their research activities. In doing so, they will develop their skills in "research management," which is what AC aims at. In order to nurture students' research ideas in the embryonic stage for future innovation, AC provides students with an opportunity to generate their own idea, engage earnestly in research, and express their creativity and adaptable thought processes.

Curriculum

Tentative curriculum as of April 2012



Any student at Kyushu University is welcome to take any of the courses in this curriculum as their minor. As shown in the above chart, the QREC curriculum is designed so that students can learn entrepreneurial skills by taking a step-by-step approach, from "Basics" to "Practice." First of all, it is important for students to become aware of the problems surrounding each of them as well as their own interests respectively. The next steps are for them to solve their problems, to enhance their creativity to generate ideas ("Idea Generation"), to get to know the target market to formulate strategies ("Strategy/Marketing"), to raise funds ("Finance"), and then to recruit and get together with peers to utilize group dynamics to expand their activities as an organization ("Organization/Group Dynamics"). QREC offers various courses so that students can acquire the knowledge and skills ("Knowledge/Tools") necessary to achieve their goals, to integrate them ("Integration"), and then to put their ideas into practice.