

The Robert T. Huang Entrepreneurship Center of Kyushu University (QREC) grew out of a donation made to commemorate the centennial anniversary of Kyushu University by Dr. Robert T. Huang, a prominent alumnus of the university who has achieved significant success in the United States. That donation led to a drastic reorganization and reconstruction of the university's former Venture Business Laboratory and the establishment of the Center in December 2010 as a full-scale entrepreneurship education and research center.



Dr. Robert T. Huang

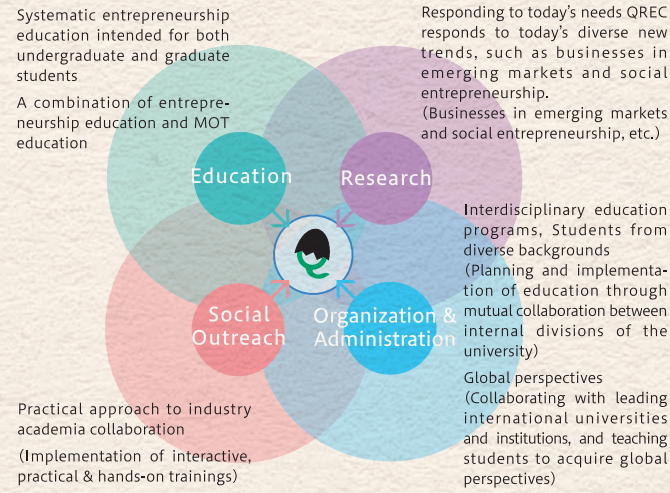
Founder of SYNEX Corporation  
Honorary Doctor of Kyushu University

## Our Goals

1. QREC aims to become one of the highest ranked education and research organizations in Asia.
2. QREC develops future leaders who will play active roles on the global stage.
3. QREC serves as a hub for the nurturing of entrepreneurship in our region.

## Efforts

■ We engage in mutually supportive initiatives based on the four pillars of action below.



## History

QREC fosters students to be global leaders with a desire to challenge new value creations

- 1996 Establishment of the Venture Business Laboratory (VBL) \*Predecessor of QREC
- 1997 Commencement of Challenge & Creation (C&C)
- 2006 Commencement of Kyushu University Robert T. Huang Entrepreneurship Program (QREP)
- 2010/12 Establishment of the Robert T. Huang Entrepreneurship Center of Kyushu University
- 2011/4 Commencement of formal lecture with 16 subjects initially; the lectures have expanded to 32 subjects as of the 2019 academic year.
- 2013/6 QREC's educational initiatives are mentioned in the 2013 White Paper on Science and Technology
- 2013/9 Holding of a 3-day International Workshop on Entrepreneurship Education (IWEE)
- 2014/8 Conclusion of collaboration agreement with Aalto University  
Selected by MEXT for the EDGE Program (2014~2016)  
Commencement of Global Challenge & Creation (G.C&C)
- 2014/11 9th Japan New Business Creation Awards, Support category Winner, METI Minister's Award (the top award)
- 2015/9 Conclusion of collaboration agreement with Dhaka University  
Relocated QREC office to Ito Campus
- 2016/1 Setting up of the QREC Studio
- 2017/4 Commencement of QREC Premium Members Accreditation
- 2017/7 Selected by MEXT for the EDGE-NEXT Program for FY2017
- 2018/5 Conclusion of collaboration agreement as entrepreneurship development support with New Energy and Industrial Technology Development Organization (NEDO)
- 2018/8 Conclusion of collaboration agreement with Chalmers University of Technology
- 2019/3 Relocated QREC office to Center 5 and 6 with expanding QREC facilities
- 2016 Started in 2016  
JAPAN FUDO INDUSTRY Inc.  
ITOSHIMA GIBIER LABORATORY Inc.
- 2018/1 Started in 2018  
Medmain Inc.  
The first venture business launched from the Kyushu University Startup Club arrives!



## QREC Core Faculty Members



Director General  
Professor  
Megumi Takata  
University-Industry Collaboration,  
Management of Technology (MOT),  
Entrepreneurship



Deputy Director General  
Associate Professor  
Shingo Igarashi  
Entrepreneurship,  
Management strategy theory



Professor  
Yuichi Harada  
Nanoscience and nanotechnology,  
international collaboration between academia  
and industry, management of technology



Associate Professor  
Masaki Kumano  
Entrepreneurship,  
Startup Support



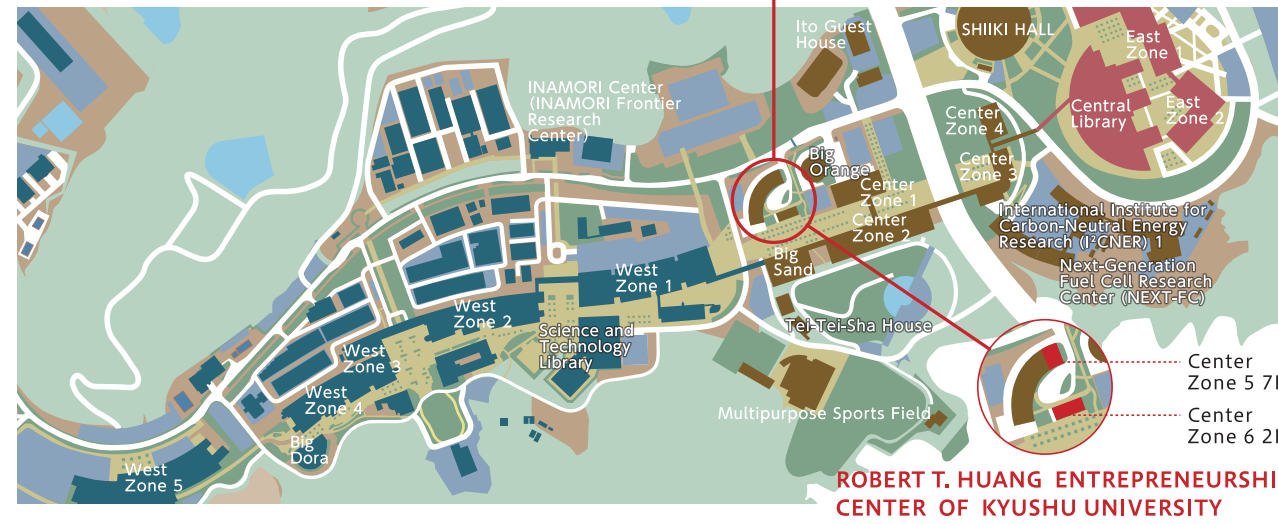
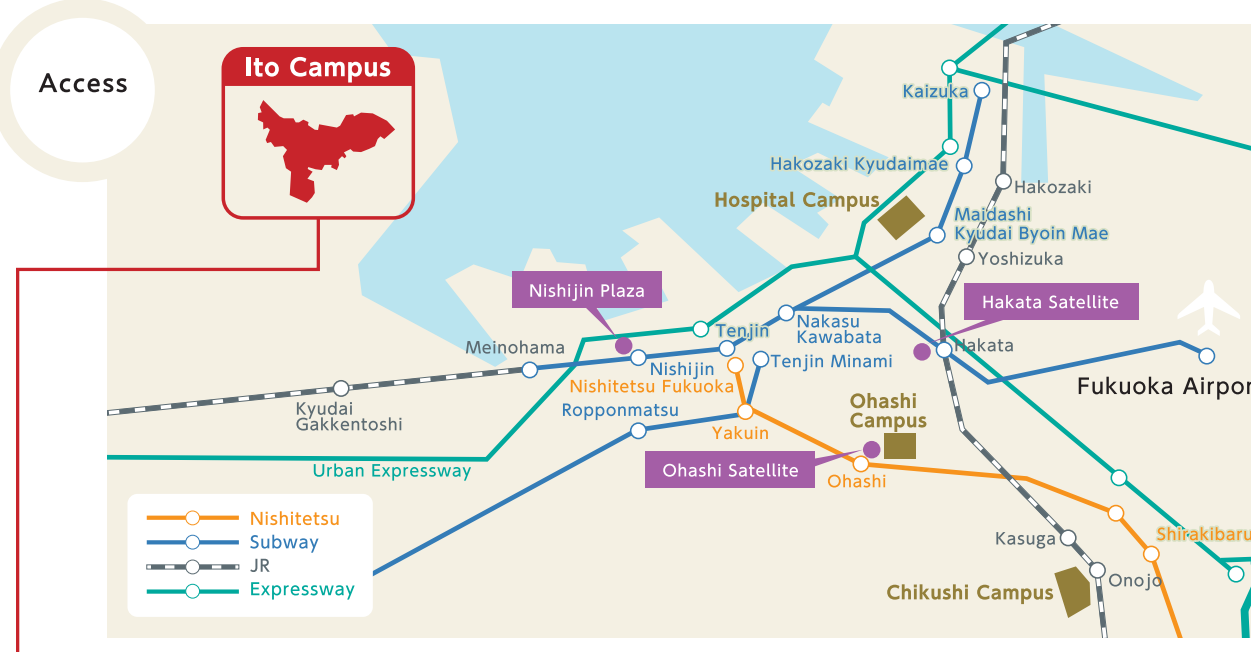
Professor  
Yasuyuki Hirai  
Interior Design, Office Design,  
Interior Product Design,  
Inclusive Design



Lecturer  
Hiromi Yamada  
Entrepreneurship,  
Startup Support,  
Asian business



Lecturer  
Rika Terano  
Agribusiness marketing,  
Consumer behavior



## Robert T. Huang Entrepreneurship Center of Kyushu University

Center Zone 5 7F, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan  
Phone: +81-92-802-6060 Fax: +81-92-802-6065  
<http://qrec.kyushu-u.ac.jp/en/> E-mail: [support@qrec.kyushu-u.ac.jp](mailto:support@qrec.kyushu-u.ac.jp)



2019  
English

Innovations  
for people and  
the world.



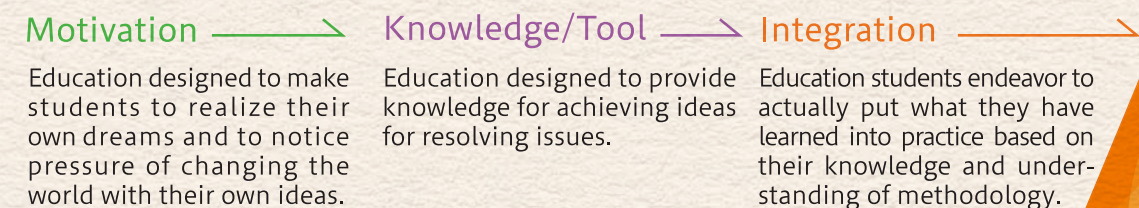
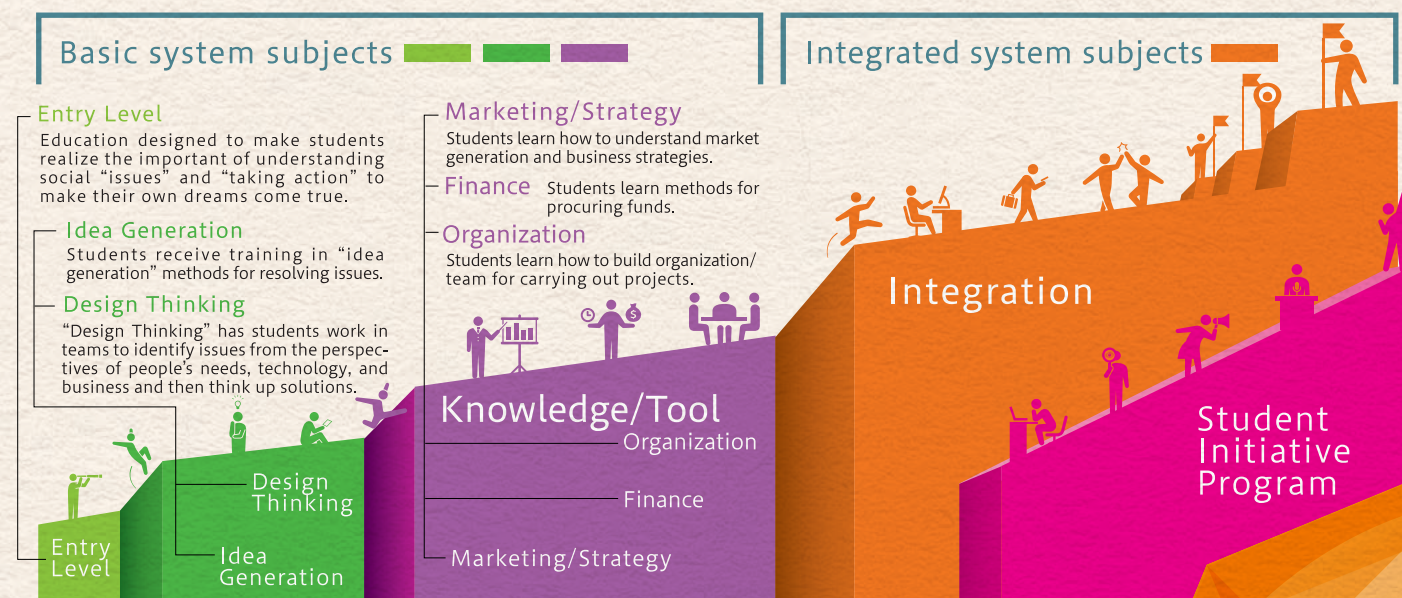
ROBERT T. HUANG ENTREPRENEURSHIP CENTER OF KYUSHU UNIVERSITY





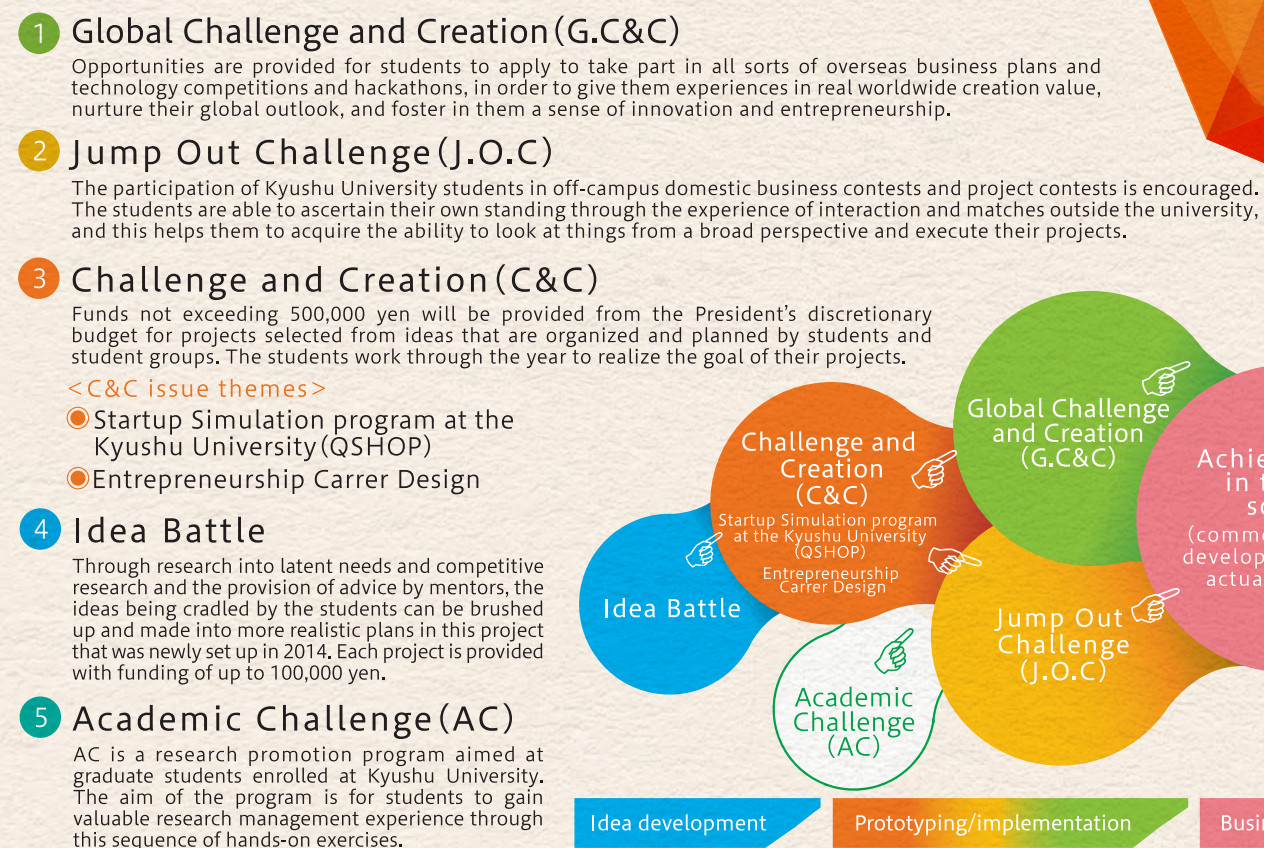
## QREC Curriculum System Credit

All subjects in the curriculum are available to all Kyushu University students to take as their minor.



## Student Initiative Program Noncredit

In total, there are seven programs offered as S.I.P



### Speciality Programs

Our programs can be broadly divided into the following two :  
32 official subjects (credit) and Student Initiative Program (non credit).

QREC provides practice stage for students' ideas.

### EDGE-NEXT Programs

**With other universities** **Japanese/English**

**Technology Marketing Game**  
The course uses "Markstrat", a strategic marketing simulation game developed by INSEAD; one of the most dominant MBA programs in France.



**Joint with overseas univ.**

**Global PBL Program**  
This is a Project-Based Learning (PBL) course in collaboration with Aalto University in Finland. Lectures on the same themes are conducted simultaneously at Kyushu University and Aalto University, and students use design thinking methods to formulate concrete solutions to social issues.

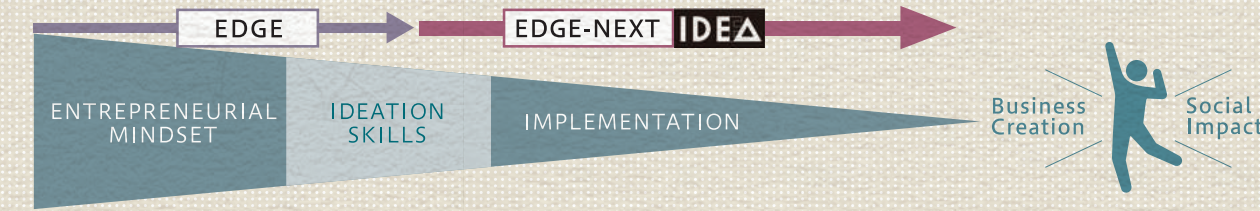
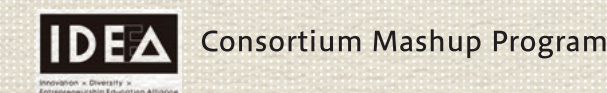


**Overseas**

**Entrepreneurship Bootcamp**  
This program provides an advanced version of learning experience vis-à-vis other overseas programs by giving students hard-fun, hard-core entrepreneurship training in the U.S. or Europe.



Selected by MEXT for the EDGE-NEXT Program



### EDGE-NEXT Programs

**Startup support**

**Kyushu University Startup Club**  
The Kyushu University Startup Club will be established in June 2017 for students who are serious about wanting to start up an enterprise. Start and run business with the aid of mentoring.



**Internship training program**

**Multicultural Venture Life Challenge**  
For this Project-Based Learning (PBL) programs, students from not only the leading and partner universities, but also cooperator in Japan and overseas and related universities join together to form mixed/multinational teams and undertake problem-solving related to actual management at ventures. Destinations Internships: IT, Consulting firm, Public Policy



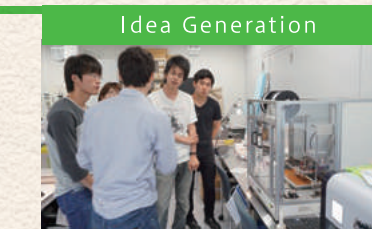
**Training camp**

**IDEA Asia Pacific Summer Camp**  
Teams of mixed domestic and overseas university students work on a theme, learning how to solve problems and making presentations of their recommendations.



### Specialty Programs

**Digital Fabrication Tutorial**  
In this course, students use 3D printers, laser machines, and other digital machine tools to learn about "monozukuri" (skilled manufacturing) practices in a workshop format.



**SDGs Entrepreneurship**  
Classes in this course are based on on-site fieldwork using design thinking methods with the aim of creating services and projects for resolving issues faced by developing countries (BOP countries).

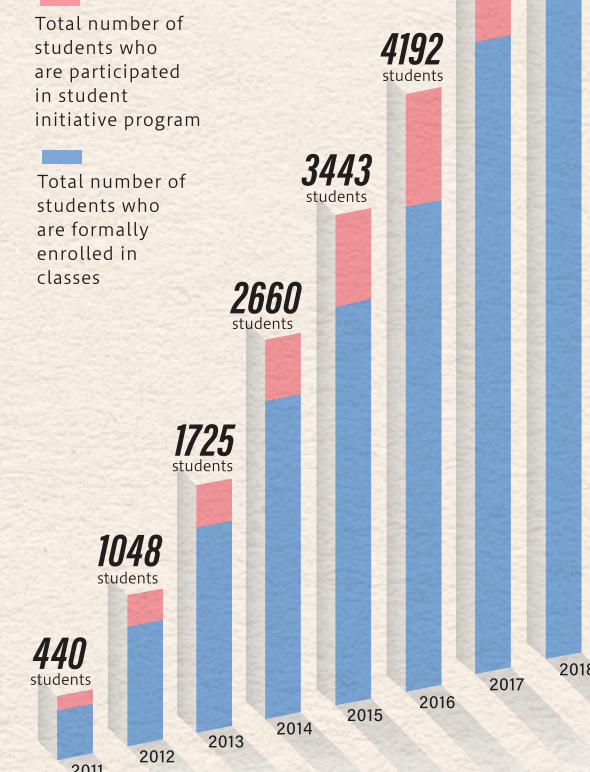


**Lean Startup**  
Students in this course work in team on a project to propose business ideas to solve important social issues in a business-sustainable way. Classes include learning sessions based on design thinking, field studies, and workshops with speakers from outside.

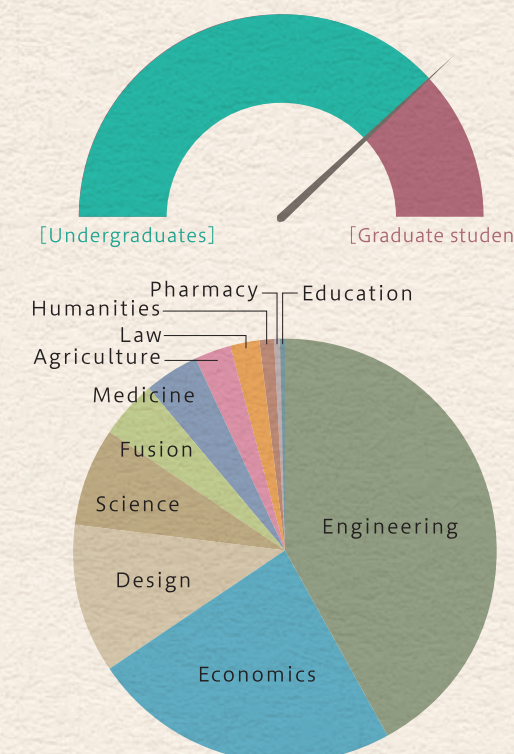


## The cumulative number of students attending lectures

This chart indicates the cumulative number of students who participated in QREC programs or projects.



## 2018 Breakdown

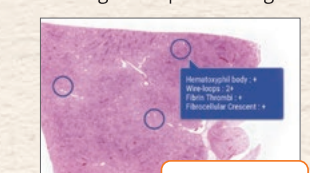


## Performance to startup of students

The first ventures business launched from the Startup Club arrives

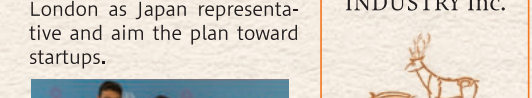


Project theme: Project to Develop Software for the Pathological Image Diagnosis Through Deep Learning

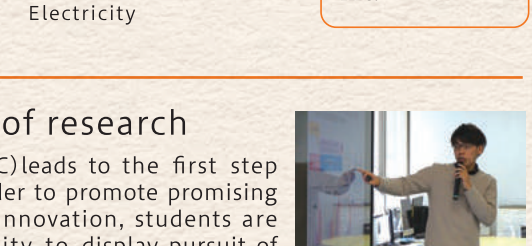


Some projects which selected in challenge and creation are starting ups by themselves.

In 2018 Hult Prize Kurata Lumpur Regional Finals, more than 60 teams from around the world competed, and student program was selected as one of 12 excellent plans. They gained right of participation to Accelerator Program in London as Japan representative and aim the plan toward startups.



Project theme: Storage of Life-Saving Drugs in Remote Areas Without Electricity



## Businessization of research

Academic Challenge (AC) leads to the first step toward business. In order to promote promising research to fuel future innovation, students are afforded the opportunity to display pursuit of academic research. Entrepreneurship for research!

