

Call for Applications for an Assistant/Associate Professor  
Faculty of Engineering, Kyushu Institute of Technology  
(Space Engineering International Course)

1. **Number of positions:** One Specially Appointed Assistant/Associate Professor position
2. **Affiliation:** Laboratory of Lean Satellite Enterprises and In-Orbit Experiments
3. **URL:** <https://kyutech-laseine.net/>

**4. Outline:**

Kyushu Institute of Technology (Kyutech), a Japanese national university opened in 1909 in the city of Kitakyushu, launched a new post-graduate program, the Space Engineering International Course (SEIC), in April 2013. The purpose of the program is to develop global engineers who have profound inter-cultural communication skills and systems engineering thinking with a broad perspective. The program is targeted to not only Japanese students, but also international students from emerging or non-space faring countries that try to build capabilities in basic space technology through nano-satellite development. The programme aims to further worldwide nano-satellite development efforts and promote the peaceful and innovative uses of outer space through the participation of a larger number of countries for the benefit of all mankind.

The program offers research opportunities toward a Master or Doctor degree, a series of lectures on space engineering, project based learning (PBL) on space development in collaboration with Japanese students, and on-the-job training on space environment testing. Based on this program, many nanosatellite projects, such as BIRDS satellites, were born. The international space activity of Kyutech represented by SEIC has received various national and/or international awards, such as Space Development and Utilization Award (Ministry of Foreign Affairs), Frank J. Malina Astronautics Medal from IAF (International Astronautical Federation), Airbus GEDC Diversity Award, and more.

To assure the continued success of SEIC, Kyutech needs a person who is capable of visiting foreign space-related institutions, especially in emerging countries, to recruit students and build/maintain collaborative relationships regarding human resource development and joint research. Kyutech calls for a person who has professional knowledge, diplomatic skills, language skills, physical and mental strength to do the international networking activities, and the educational skills to guide PBL in the space engineering field.

**5. Content of work:**

- 1) Recruiting of prospective foreign students to SEIC and building collaborative relationships with related institutions
- 2) Promoting international research projects in space-related fields
- 3) Recruiting of prospective foreign students to graduate schools at Kyutech
- 4) Help in guiding project based learning in SEIC
- 5) Management tasks as a member of the university academic staff

**6. Starting date:** As soon as possible after January 1, 2022

**7. Period:** Three (3) years. Depending on circumstances, the period can be extended to a maximum of five years from the start of employment.

**8. Qualifications:**

- 1) To have strong interest in the capacity building of developing countries in the area of satellite technology
- 2) Special knowledge sufficient to negotiate with space-related institutions
- 3) Educational skills to guide space projects by students
- 4) Good command of English (Speaking, Listening, Writing)
- 5) Physical and mental stamina to do many overseas trips
- 6) Personality who can enjoy international networking activities

**9. Salary:**

Based on the regulations of Kyushu Institute of Technology. The salary is based on an annual salary scheme.

**10. Application documents:**

- (1) Curriculum Vitae

Photo attached, birth date, nationality, present address, telephone number for contact, e-mail address, educational history (after high school graduation), work experience, any qualifications (licenses)

- (2) List of publications

Papers in refereed journals, Conference proceedings, Books, review, and Others

- (3) List of competitive research grants obtained
- (4) Social activities, honors, organizations
- (5) Teaching experience
- (6) International networking experience
- (7) Statement of purpose (less than 800 words)

(8) Name, e-mail address and phone number of two referees

The following is not mandatory. But if you have one, please attach. If you are a native English speaker, there is no need to provide this.

(9) Proof of English proficiency (record of TOEFL, TOEIC, etc.)

**11. Deadline:** No later than 24:00 JST on September 30, 2021

**12. Submission and inquiry:**

Please send the application package to the following person via e-mail

Prof. Mengu Cho

Director, Laboratory of Lean Satellite Enterprises and In-Orbit Experiments

Kyushu Institute of Technology

cho.mengu801@mail.kyutech.jp

Change \* to @ when you send an e-mail.

+81-93-884-3228

If you have any questions, please send e-mail to the aforementioned address.

**13. Selection process:** After screening based on received application packages, an interview will be conducted if necessary.

**14. Others:**

Please see the following about SEIC and related activities

<https://kyutech-cent.net/seic/about.html>

<https://www.tobata.kyutech.ac.jp/gr-school/gra-program/seic/>

<https://www.birds-project.com/>