

# Position Offer to Promote DEI Call for five women Professors School of Engineering, Tohoku university

It is now recognized that increasing diversity in organizations increases creativity and excellence, leading to the development of science, technology and innovation, and efforts to close the gender gap are rapidly advancing around the world. In contrast, Japanese universities, especially in the field of engineering, have lagged behind in this effort, and this is an important issue for the development of science and technology and the creation of innovation.

The School of Engineering, Tohoku University takes this challenge seriously and, as an open university, aims to further strengthen its research capabilities and create innovation by fostering an environment that is easy to work and learn in, regardless of gender, nationality, or position, and by enabling everyone to fully demonstrate their individual abilities.

Under the "Tohoku University Diversity, Equity & Inclusion (DEI) Promotion Declaration" issued in April 2022, the new "School of Engineering DEI Promotion Project" has been launched to promptly realize gender equity and inclusion. As one of the positive actions to achieve this goal, we are recruiting five women faculty members for professorships (tenured position).

We are hoping to receive excellent applicants who will fully demonstrate their abilities at our school and open the way to a new future of science and technology.

**I . Number of positions:** Five women professors.

**II . Research field:** All fields in engineering.

### III. Affiliated Departments

Please select the major to which you wish to be assigned from among the 13 majors of the Graduate School of Engineering belonging to the following six groups, based on your specialty. If you have more than one preference, please rank them in order.

**1) Mechanical and Aerospace Engineering** <https://www.mech.tohoku.ac.jp/>

Department of Mechanical Systems Engineering, Department of Finemechanics,  
Department of Robotics, Department of Aerospace Engineering

**2) Electrical and information Engineering** <https://www.ecei.tohoku.ac.jp/>

Department of Electrical Engineering, Department of Communications Engineering,  
Department of Electronic Engineering

**3) Department of Applied Physics** <http://www.apph.tohoku.ac.jp/>

**4) Materials Science and Engineering** <https://www.material.tohoku.ac.jp/>

Department of Metallurgy, Department of Materials Science, Department of Materials Processing

**5) Department of Architecture and Building Science** <https://www.archi.tohoku.ac.jp/>

**6) Department of Management Science and Technology** <https://www.most.tohoku.ac.jp/>

Please refer to the website of School of Engineering of Tohoku University.

<https://www.eng.tohoku.ac.jp/>

#### **IV. Research and Education**

The successful candidates will be assigned to a newly established field within the department and will be expected to run your own laboratory independently, teaching at the undergraduate and graduate courses in cooperation with the faculty members of the department, and supervising research that will be integrated into undergraduate's and master's theses, and doctoral dissertations. One assistant professor (non-tenured) may be hired as needed. As an additional measure of support for the band, if the screening process determines that the hired person's partner can contribute to the education and research of the School of Engineering, it is also possible to hire the person through the cross-appointment system.

We are looking for individuals who are willing to take on the challenge of developing new research fields in the School of Engineering. In addition to research and education, we also expect the successful candidates to contribute to the DEI promotion project of the Association of Leading Women Researchers in Engineering (ALicE), Tohoku University.

**V. Period of appointment:** April 1, 2023.

**VI. Qualification:** Applicants must hold a doctoral degree.

**VII. Salary and benefits:** As per the employment regulations of Tohoku University.

**VIII. Selection Process:** Document screening followed by an interview.

#### **IX. Documents to be submitted:**

**1) Curriculum vitae (with photograph and contact information)**

**2) List of research achievements**

Academic papers (full-text refereed papers), reference papers (papers other than the above), books, commentaries/articles, patents, awards, status of research funding (representative, subcontractor), invited lectures, etc., educational activities, activities in academic societies, international and interdisciplinary research activities, social activities, etc., other special notes.

**3) Summary of research to date** (about 3 pages of A4 paper)

**4) Motivation Letter**

Please state what kind of research and education you would like to pursue at the School of Engineering. (Approximately 3 pages of A4 paper)

**5) Reprints of five major papers (one copy each) and a summary of each**  
(about 300 words each)

**6) Names, affiliations, and e-mail addresses of three persons who can evaluate the applicant's abilities and personality.**

**X. Application deadline:** August 1, 2022 (must be received by August 1, 2022)

\*In the event that there are not enough applicants, the call for applications may be continued.

#### **XI. Address for sending application documents and inquiries**

Applicants should send their documents by e-mail to the address below.

Submission by registered mail or hand-delivery is also acceptable.

6-6-01 Aza-Aoba, Aramaki-Aoba, Aoba-ku, Sendai 980-8579, Japan

Naomi Shibasaki-Kitakawa, Assistant Dean for Gender Equality,

Graduate School of Engineering, Tohoku University

E-mail: naomi.kitakawa.d3@tohoku.ac.jp

(When sending by e-mail, please make the subject line "Open Call for Professor DEI Promotion, School of Engineering (Applicant's Name)". When sending by mail, please write in red on the envelope "Application for DEI Promotion for Professor, School of Engineering". Application documents will not be returned.)

## **XI. Remarks**

- Tohoku University promotes gender equality and encourages people of varied talents from all backgrounds to apply for positions at the university.
- Tohoku University is actively recruiting women faculty members as a measure to improve the enrollment rate of women faculty members in accordance with Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment.
- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity:30) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working on Seiryō Campus. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees.
- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality.

Tohoku University Center for Gender Equality Promotion website: <http://tumug.tohoku.ac.jp/en/>