

TOHOKU UNIVERSITY FACULTY POSITION

(Professor in the Department of Mechanical Systems Engineering)

The Department of Mechanical Systems Engineering invites applications for a tenured position at the Professor level.

The successful applicant will join the Functional Systems Engineering Group of the department. Current Functional Systems Engineering Group is active in Tribology and Nanointerface Engineering and Micro-Nanomechanical Architectonics. Special preference will be given to those applicants who have a strong background of mechanical engineering, deep interest, and enthusiasm in exploring and developing cutting-edge areas in the field of mechanical mechanics and mechanical design.

There are four departments (Mechanical Systems Engineering, Finemechanics, Robotics and Aerospace Engineering) of the Division of Mechanical Engineering, pursuing research and teaching in areas such as Functional Systems Engineering, Energy Systems Engineering, Materials Physics and Engineering, Nanomechanics, Biomechanics, Robot Systems, Nanosystems, Aerospace Engineering, Astronautical Engineering, and other fields newly created by fusion of different fields. The successful candidate is expected to set up innovative research projects by himself/herself or in collaboration with other researchers of the Division of Mechanical Engineering.

The applicants must hold a doctoral degree in an appropriate field. Profound knowledge of the Japanese or English language, written and spoken, is also required. The position is open to any candidate who fulfills the listed academic requirements, regardless of gender or nationality. The successful applicant, of Japanese or non-Japanese nationality, will become a Japanese National University Corporation employee and will be paid accordingly.

The deadline for application is July 31st, 2025. The position will be available after April 1st, 2026.

Applicants should send the following documents by e-mail:

- (1) Curriculum vitae including research and teaching history
- (2) List of research achievements [peer-reviewed journal articles (mark the corresponding author, if applicable), full-text reviewed international conference papers, other international conference papers, reference papers (other than those mentioned above), invited lectures, books, articles, patents, awards, research fundings (whether as a representative or a contributor), activities in academic and social societies, other special items].
- (3) Future prospects regarding education and research
- (4) Copies of five representative papers and a brief description of each paper
- (5) Names, addresses, telephone numbers and e-mail addresses of five persons who can evaluate his/her ability and personality.

Sending address and contact:

Chair, Division of Mechanical Engineering, Graduate School of Engineering, Tohoku University

Please send an email to "mech-recruit@grp.tohoku.ac.jp" with the subject line "Application documents for a professorship at the Department of Mechanical Systems Engineering".

Phone: +81-22-795-6920

Remarks:

- Tohoku University promotes activities to increase Diversity, Equity and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university. Tohoku University's website about the DEI Declaration is here: <https://dei.tohoku.ac.jp/en/vision/about/>
- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on impartial evaluation.

- Tohoku University has published 'Tohoku University - Live as Who You Are - Guidelines for Gender and Sexual Diversity' to provide explanations and details of how those at the university should respond with respect to diverse sexuality. The purpose of the guidelines is to create an environment in which all students, faculty, and staff respect diverse sexuality in their academic, research, and professional activities. Please see the Center for Diversity, Equity, and Inclusion, Tohoku University website:
https://dei.tohoku.ac.jp/en/vision/consulting/for_minority/
- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) 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 at Tohoku University Hospital. 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, including measures to promote childcare leave among male employees.
Center for Diversity, Equity , and Inclusion, Tohoku University website:
https://dei.tohoku.ac.jp/en/vision/consulting/for_family/
Human Resources and Planning Department website:
<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>