Toyohashi University of Technology

Recruitment of Mechanical Engineering Faculty Members (Assistant Professor)

Recruitment　Assistant Professor　1 position

Affiliated Fields　Department of Mechanical Engineering, Smart Physical Robotics (Medical and Healthcare)

Fields of Specialty Research on the measurement and manipulation of biological samples and cells, and the automation and improvement of efficiency in biological operations, based on bio-MEMS and microfluidic engineering.

Responsible Subjects　Mechanical Engineering Experiments, Creative Experiments in Mechanical Engineering, and other courses related to mechanical engineering.

Qualifications

(1) Hold a doctorate or Ph.D., or be expected to obtain one by the date of appointment; possess research capabilities in the relevant field; and be motivated to pursue original research.
(2) Be capable of teaching laboratory, practical training, and exercise courses related to mechanical engineering, and be enthusiastic about assisting with the education and research supervision of undergraduate and graduate students.
(3) Be motivated to actively promote educational and research activities that contribute to the internationalization of the Department of Mechanical Engineering, and to support international students.

*In view of gender equality, the university actively promotes the recruitment of women faculty members.
*To promote the globalization of education and research, the ability to assist with student supervision in English is desirable.
*An understanding of education at Japanese colleges of technology (KOSEN) is desirable, in view of the university's mission.
*For applicants whose first language is not Japanese, Japanese proficiency sufficient to perform university administrative duties is desirable.
*English proficiency for external affairs is desirable.

Planned Hiring Date: As early as possible on or after April 1, 2027.

Compensation

(1) Salary: In accordance with the university's salary regulations for employees under the New Annual Salary System in effect at the time of appointment.
(2) Allowances: Dependent allowance, housing allowance, commuting allowance, unaccompanied assignment allowance, etc., subject to eligibility requirements.
(3) Working hours: Discretionary labor system, based on standard working hours of 8:30 a.m. to 5:15 p.m.
(4) Holidays: Saturdays, Sundays, national holidays, year-end and New Year holidays, and designated summer holidays.
(5) Insurance: Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association (short-term benefits) and Employees' Pension Insurance (long-term benefits).
(6) Other conditions: Smoking is prohibited on university premises.

Employment System　Full-time, fixed-term appointment.

*The term is five years. Appointees will undergo a tenure review within five years of appointment, and those who pass may become tenured Assistant Professors (without a fixed term).

Documents to Submit

(1) Curriculum vitae (standard commercially available forms accepted; include a photograph and email address).

*Applicants who have previously been subject to disciplinary or administrative measures, or criminal penalties (excluding traffic offenses subject to Japan's traffic infraction notification system), must provide a separate statement in any format specifying the measure or penalty and the specific reasons. False information in the applicant's history may result in withdrawal of an offer of appointment or disciplinary action.

(2) List of research achievements, classified into books, peer-reviewed journal articles, international conference papers, domestic conference papers, reviews and commentaries, invited lectures, patents, awards, social contribution activities, etc.

(3) Copies of up to three major research papers (photocopies are acceptable).

(4) Activities in academic societies and society at large, including society memberships, research presentations, committee service and positions in academic societies, international exchange activities, and other achievements the applicant wishes to highlight. If none, state "None."

(5) Record of external research funding, including Grants-in-Aid for Scientific Research (KAKENHI), industry–academia collaborative projects, foundation grants, and competitive intramural funds. Specify whether the applicant was a principal investigator or co-investigator. If none, state "None."

(6) Summary of previous research (up to two A4 pages) and future research plan (up to two A4 pages).

(7) Statement of aspirations for education and internationalization in the Department of Mechanical Engineering (up to one A4 page). Include relevant experience in education or international exchange, if any.

(8) Contact information for two persons who may provide references on the applicant (name, affiliation, position, telephone number, and email address).

*Additional documents may be requested depending on the progress of the selection process.

Selection Method

(1) Document screening (selection will be made in accordance with the university's faculty selection standards).

(2) Applicants found qualified through document screening will be contacted individually for an interview.

*Individual inquiries regarding selection results will not be answered.

Application Deadline　January 15, 2027

Address to Mail the Documents*

〒441-8580　1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, Japan

Masakazu KOBAYASHI, Chair, Department of Mechanical Engineering, Graduate School of Engineering, Toyohashi University of Technology

*"Application Documents for Assistant Professor (Smart Physical Robotics) Enclosed" must be written in red ink on the envelope, and the documents must be sent by registered mail.

Contact　Masakazu KOBAYASHI, Chair, Department of Mechanical Engineering

Tel: +81-532-44-6706　E-mail: m-kobayashi@me.tut.ac.jp

Other Items

(1) Application documents will not be returned. Applicants who wish to have their documents returned must enclose a return envelope with postage stamps or a cash-on-delivery shipping label.

(2) Under the Act on the Protection of Personal Information, personal information contained in application documents will be used solely for this selection process.

(3) Applicants are responsible for their own expenses incurred in visiting the university for interviews or related purposes.

(4) Applicants will be notified individually of the selection results upon completion of the review.