

Employment Information for the Position at Iwate University Faculty of Science and Engineering

1. Position and Number of Positions: 1 (one) assistant professor (tenure-track)
2. Affiliation: Faculty of Science and Engineering, Department of Systems Innovation Engineering, Studies in Mechanical Science and Engineering (Undergraduate Program)
Graduate School of Arts and Sciences, Division of Systems Innovation Engineering, Graduate Course in Mechanical and Aerospace Engineering (Master's Program)
3. Field of Specialization: Fluid Engineering or Thermal Engineering (Aerospace Engineering is also included as the application fields of Fluid/Thermal Engineering)

4. Subjects to Teach

Specialized subject: Undergraduate - Exercises in Thermodynamics, Mechanical Science
Laboratory, Workshop Practicum
Graduate - Advanced Training

General Education Subject: In order to establish a university-wide implementation system for General Education Courses, etc., you will be required to be in charge of at least one of the "General Education Courses" or "Specialized Basic Courses" based on your field of employment.

In addition, to meet the diversifying needs of learning and to promote diverse and advanced media utilization, faculty members who are in charge of basic academic knowledge courses* in General Education Courses are required to create on-demand content for remote classes and a video syllabus (overview introduction).

*These are lecture courses in the applicant's research specialization held at a level of academic knowledge that can be understood by lower-year students from faculty other than the applicant's.

On-demand content for remote classes consists of 1 credit (7 lessons of 100 minutes each) × 2 subjects (2 credits) or 2 credits (14 lessons of 100 minutes each) × 1 subject (2 credits) or more.

5. Qualifications

Applicants must:

- (1) Have a doctoral degree (or be expected to receive a doctoral degree)
- (2) Have the ability to teach and supervise undergraduate and graduate students and promote advanced research work
- (3) Have Japanese and English language proficiency at or above a level required for supervising research work
- (4) Have the ability to properly engage in organizational operations as a member of a university

6. Starting Date: October 1st, 2024 or later

7. Term of Employment: 5 (five) years

Please note that an interim evaluation will be conducted by the day at which point three years will have passed from the date of employment, and a tenure review will be conducted by six months prior to the expiration date of the tenure-track faculty member's term. Tenure (assistant professor, without tenure) will be granted if target values required for granting tenure have been met during the term.

In the case of a particularly outstanding evaluation in the interim evaluation, the eligibility for granting tenure may be discussed at that time.

Please read the regulations regarding the university's tenure track system below:

[Regulations on the Iwate University Tenure Track System] (Japanese)

<https://www.iwate-u.ac.jp/about/disclosure/files/regulations/tenuretrack.pdf>

8. Compensation

Salary and Benefits: Based on the salary regulations of Iwate University and subject to annual salary system (Retirement allowance is paid at the time of retirement.)

Working Hours: Discretionary working system for professional work, 7 hours and 45 minutes of de facto working per day

Insurance: Employment Insurance, Social Insurance, Workers' Accident Compensation Insurance, Mutual Aid Association of the Ministry of Education, Culture, Sports, Science and Technology

Days off: Saturday, Sunday, public holidays, year-end and New Year holidays, etc.

9. Research Support

Start-up grants will be provided in the first and second year of employment.

10. Application Documents

- (1) A Curriculum Vitae (attach an ID photo and include an email address and any affiliated academic societies)

- (2) An outline of teaching experience in the field of specialization (lectures taught and/or their evaluation, experiences in instructing graduation research, etc.) If you are an applicant from a company, research institute, etc., please provide a summary of your work experience (work history, description, results obtained, etc.). (one A4 page)
- (3) A list of research achievements (list by category such as peer-reviewed original scientific papers, books, papers for international conferences, review/commentary papers, research reports, or oral presentations). If the applicant is the first author or corresponding author, mark the name of the author of the paper with an asterisk (*).
For scientific papers, include the impact factor of the journal in which the paper was published.
- (4) No more than 3 copies of your actual scientific papers that represent your work (photocopies are accepted)
- (5) An outline of past research achievements (two A4 pages)
- (6) Aspirations for education and research at Iwate University (two A4 pages)
- (7) Name, affiliation, and contact information of two professional references who are willing to be contacted about the applicant
- (8) Any other documents for reference (external grants received, study abroad, etc.)

11. Application Period: From April 1st, 2024 to no later than June 14th, 2024

12. Selection Process

The selection process will be conducted in two stages.

Primary screening: documents screening

Secondary screening: interviews

Applicants will be notified of the results immediately after the screening (details for the secondary screening will be provided to any applicants who passed the primary screening) by [email, phone or any other means].

Iwate University is promoting diversity. As part of this effort, Iwate University is implementing the following measures in relation to this open recruitment.

<Efforts to Promote Employment of Young Faculty Members>

-Up to 2,000,000 yen for start-up expenses (research expenses) will be provided.

Tenure-track faculty members (Lecturers and Assistant Professors) will receive a research grant of 2,000,000 yen in a lump sum for 2 years from the date of hire.

<Efforts to Promote the Recruitment of Female Faculty Members>

- Priority will be given to women (in cases where performance and qualification evaluations are deemed equal) *

- Up to 200,000 yen of retention fund (research expenses) will be provided.

Female Lecturers and Assistant Professors assigned to the university will receive 200,000 yen in a lump sum as research expenses for 2 years from the date of hire.

- Any maternity, childcare, or family care leave taken before or after childbirth will be taken into consideration during the selection process (regardless of gender, please specify the period of leave in your resume).

- Various support for work-life balance: <https://diversity.iwate-u.ac.jp/support/wlb/>

Dual residence allowance system, next generation development support (support for balancing childbirth and childcare) and family caregiver support, on-campus childcare center, on-campus childcare space, etc.

- Career support for female researchers: [https://diversity.iwate-u.ac.jp/support/womenresearchers/Research supporters/assistants assignment system, buyout system dedicated for female researchers, overseas dispatch program for female researchers global career development, etc.](https://diversity.iwate-u.ac.jp/support/womenresearchers/Research%20supporters/assistants%20assignment%20system,%20buyout%20system%20dedicated%20for%20female%20researchers,%20overseas%20dispatch%20program%20for%20female%20researchers%20global%20career%20development,%20etc.)

*Support will be provided as needed through the initiative project for realizing diversity in the research environment (female leader development type) subsidized by the MEXT funds:

<https://iwatewomensleadership.iwate-u.ac.jp/>

13. Sending Address and Contact Information

Sending Address: Kazuyuki HANAHARA

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E-mail: hanahara@iwate-u.ac.jp

Contact Person: Takanori SHIBATA

4-3-5 Ueda, Morioka, Iwate 020-8551 JAPAN

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Please send the application documents as “Express Registered Mail” and write “Enclosed: Application Documents for the position of assistant professor in Fluid/Thermal Engineering on the envelope in red. The application documents will not be returned.

14. Other

Personal information in the application documents will only be used for the purpose of screening and hiring procedures and will not be used for any other purposes.