

Recruitment of Assistant Professor in the Faculty of Information Science and Technology Hokkaido University (Laboratory of Cellular and Tissue Engineering)

We invite applications for the position of Assistant Professor in the Faculty of Information Science and Technology, Hokkaido University as follows.

1. Position

Assistant Professor (5-year term. Renewal may be possible based on performance review; if renewed, the term shall be 5 years, limited to one renewal.)

2. Name of Recruiting Institution

Hokkaido University

3. Department

(Immediately after hiring) Laboratory of Cellular and Tissue Engineering, Research Group of Bioengineering, Division of Bioengineering and Bioinformatics, Faculty of Information Science and Technology

(Scope of change) Location as determined by the University.

4. Research Fields and Duties

(Immediately after hiring)

Research Fields : bio-instrumentation, mechanobiology, cellular and tissue engineering

In the Laboratory of Cell and Tissue Engineering, the successful candidate will engage in the development of next-generation bio-measurement technologies integrating advanced scanning probe microscopy with information science approaches, and will elucidate mechanobiological phenomena in cell biology, embryonic development, and tissue morphogenesis. The candidate will also promote research applying these findings to regenerative medicine engineering and related fields.

The candidate will share teaching responsibilities (lectures, exercises, laboratory work, and student supervision) in the Graduate School of Information Science and Technology and the Department of Information and Electronic Engineering, Faculty of Engineering. In particular, the candidate will actively provide research guidance and advice for undergraduate graduation theses and graduate master's/doctoral theses in cooperation with the supervising faculty. The candidate may also be assigned general education courses (liberal arts, etc.).

(Scope of change) Duties as determined by the University.

5. Courses Assigned

Biomaterials and Biomechanics, Exercise in Applied Mathematics I, Exercise in Informatics and Electronics, Bioengineering and Bioinformatics Laboratory I-II

6. Qualifications for application

- (1) PhD at the time of appointment,
- (2) Outstanding achievements and publications in the research fields listed above, and strong motivation for education, research and other duties related to the management of the Faculty of Information Science and Technology,
- (3) Ability to give lectures listed above in Japanese and in English,
- (4) Ability to handle organization management in Japanese,

7. Desired Start Date

March 1st, 2027, or later

8. Application Materials

(1) Curriculum Vitae

* Applicant who has been employed by Hokkaido University from January 1, 2021 (any position, including Part-time Lecture, TA, TF, RA and Short-term Support Assistant, etc.) should provide full details of your employment history.

(2) List of academic accomplishments

(3) A copy of five major publications

(4) Summary of past and current research (about 2,000 words; figures and tables may be included.)

(5) Statement of research and education goals upon appointment (about 2,000 words; figures and tables may be included.)

(6) A list of two references (including the names, affiliations, phone numbers and e-mail addresses)

9. Application Deadline

Applications should be received by September 30, 2026 (JST).

10. Salary

Determined in accordance with the National University Corporation Hokkaido University Salary Rules for Faculty Subject to Annual Salary System.

11. Probation Period

The probation period is three months.

12. Working Form

Discretionary labor system for professional work based on the employee's agreement (*) or Fixed working hours system.

* The working hours for a day are deemed to be 7 hours and 45 minutes.

13. Health Insurance

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employees' Pension, Workers' Accident Compensation Insurance and Employment Insurance

14. Measures to Prevent Second-hand Smoke

No smoking on campus except for the designated outside smoking areas.

15. Submission Method

Applications should be sent using the following web:

(1) Via upload link of JREC-IN Portal(<https://jrecin.jst.go.jp/seek/SeekTop>). A set of application materials in pdf format has to be uploaded.

* The submitted document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

16. Inquiries

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17. Remarks

(1) Oral interviews in Japanese will be conducted for the finalists, however the travel expenses for the interview will not be provided. The interview will be conducted online if the finalist resides outside of Japan.

(2) At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender equality. Therefore, we explicitly invite women qualified in research field to apply. We are also actively supporting a satisfying work-life balance and are thus creating ideal environments for people to reach their full potential.

For information on the various support measures available, please refer to the Support Programs page of Hokkaido University's Office of Diversity and Inclusion:

<https://www.dei.hokudai.ac.jp/sup-program/wl-support/>

(3) Based on the current status of the recruitment process, the qualifications for application, the desired start date, and the application deadline have been revised, and the application period has been extended.