

Job Opening—Assistant Professor in Division of Materials Science and Engineering, Faculty of Engineering, Hokkaido University

The Faculty of Engineering, Hokkaido University invites applications for the academic position of assistant professor according to the following description.

1. Position Title

Assistant Professor, Full-time

2. Division Name

(Immediately after employment)

Laboratory of Microstructure Control, Group of Materials Design, Division of Materials Science and Engineering.

(Scope of changes)

Places as determined by the University .

3. Research Area

Computational Materials Science or Data Science for Metallic Materials

4. Responsibilities

(Immediately after employment)

Duties as a Faculty/Course committee member, etc.

Participate in Departmental, Faculty, Course and/or University service activities.

(Scope of changes)

Duties as determined by the University

5. Scope of Work

5.1 Teaching Duties

Graduate courses on exercises for materials science and engineering in Japanese and English (Division of Materials Science and Engineering).

Undergraduate courses on lectures, exercises, and experiments for materials engineering in Japanese and English (Course of Materials Engineering, Department of Applied Science and Engineering in Engineering School) & exercises and experiments for fundamental engineering education and general education.

5.2 Supervising Duties

Assistance for thesis supervision for undergraduate and graduate students.

6. Minimum Qualifications

(1) Ph.D. in Materials Science and Engineering or closely related area.

(2) Active participation to take duties as faculty/course committee members and departmental, faculty, course and/or university activities.

(3) Ability to teach the graduate and undergraduate courses in both Japanese and English.

7. Expected Start Date

April 1st, 2026 or earliest possible date thereafter.

8. Duration

5 years (tenure track position may be appointed after an evaluation before this five-year term ends).

9. Probation Period

3 months.

10. Working Hours, etc.

Monday to Friday.

Discretionary work routine based on consent (standard 8:30-17:00, Deemed to have worked 7 hours and 45 minutes in a day) or fixed working hour system.

Break time 45 minutes.

11. Salary

National University Corporation Hokkaido University Salary Regulations for Faculty
Subject to Annual Salary System.

12. Health Insurance, etc.

- Employee pension insurance.
- Mutual Association of the Ministry of Education, Culture, Sports, Science and Technology.
- Employment Insurance.
- Workers' accident compensation insurance.

13. Measures to Prevent Second-hand Smoke

Smoking in designated areas only.

14. Name of Recruiting Institution

Hokkaido University.

15. Documents to Submit

Applicants should submit the following items on pdf files via JREC-IN Portal web.
Please download designated format for (1), (2), and (3) from the following site:

<http://www.eng.hokudai.ac.jp/graduate/research/recruit/>

- (1) Curriculum vitae (including headshot, date of birth, nationality if other than Japanese, current address, contact information, educational history after university, degrees acquired, qualifications, and employment history).
- (2) Research Achievements
 - A) Research achievements (listed in chronological order) as demonstrated by publication in research journals (include the Impact Factor (IF) and the Total Citations (TC) of the journal, if any. The database for TC shall be specified.), other publications such as commentaries, reviews, invited lectures, proceedings from

international symposiums, or work produced, patents, etc.

B) History of grants awarded (noting main author, task performed, and separated into the following categories): scientific research grants, collaborative research/funded research (including collaborative research with private companies), public research grants.

C) Memberships and involvement in professional organizations, societal contributions (including collaborations with industry), and honors awarded.

(3) Professional educational responsibilities

A) Supervision (noting courses supervised. Organize into the following categories: undergraduate and graduate levels, adjunct positions, and positions outside the university).

B) Improvement of Education: textbook authorship/translations, books/papers on improvement of education, grants/awards received concerning education.

C) Miscellaneous: history of participation and activities in educational committees with notable events mentioned.

(4) Three journal publications accompanied by copies of each journal publication.

(5) Research plan (approximately 1000 words).

(6) Education plan (approximately 500 words).

(7) Names and contacting information of two recommenders.

16. Deadline for Application

Documents must be submitted no later than November 25th, 2025 (JST).

17. Submission Method

Applications should be sent via the following upload link of JREC-IN Portal.
(<https://jrecin.jst.go.jp/seek/SeekTop>).

18. Others

Interviews may be conducted when necessary. Please note that transportation and other expenses will not be provided for the interviewees.

19. Contact Addresses

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