

Job Information: Assistant Professor (process integration in mechanical engineering)

Employer: Yokohama National University (YNU)

The Specialization in Mechanical Engineering within the Department of Mechanical Engineering, Materials Science, and Ocean Engineering at the Graduate School of Engineering Science, Yokohama National University (YNU) is now inviting applications for an assistant professor in the field of mechanical engineering. The following is an overview of the position, required qualifications and application procedure:

1. Job title: Assistant Professor

2. The number of positions: 1

3. Job description: Candidate's area of research must be in the following area:

Advanced process engineering (process integration, advanced materials and devices) and related areas in the field of mechanical engineering. The successful candidate will conduct research in the above-mentioned fields and areas as a member of Professor Fumihiro Inoue's research group. In addition, the successful candidate will be expected to participate in undergraduate and graduate educational programs in mechanical engineering and process integration relevant to these areas. The successful candidate will also be expected to contribute to administrative and service duties in addition to research and teaching responsibilities.

4. Start date: April 1st, 2027 (negotiable). Subject to mutual agreement, the appointment may commence earlier or later than the specified date.

5. Address of work location: 79-5, Tokiwadai, Hodogaya-ku, Yokohama, Kanagawa, Japan

6. Term of employment: From the date of appointment until March 31, 2031. The contract is not renewable. *The trial period is six months.

7. Candidates must have a doctoral degree or acquire a doctoral degree before occupying this position.

8. Candidates whose native language is not Japanese are expected to have sufficient proficiency in Japanese to conduct classes and research activities in Japanese.

9. Compensation: It depends on regulation of Yokohama National University. Basic salary is determined in accordance with regulations of YNU.

Working hours (Discretionary labor system):

Due to the application of professional discretionary work system, it is considered to have worked 7 hours and 45 minutes per day.

Days off:

Saturdays, Sundays, national holidays, summer holidays (Monday between August 12 and 18), and year-end through New Year holidays (from December 29 to January 3 of the following year).

Salary:

Annual Salary:

[Assistant Professor] 6 million yen ~ 7 million Japanese yen

The above amount is just an estimate Annual salary system. It depends on the regulation of Yokohama National University.

Basic Salary will be decided taking your academic background, professional background, etc. into account.

Various insurances (Social insurance, Labor insurance):

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employee pension insurance, unemployment insurance, workers' accident compensation insurance.

10. Completed applications must be received by October 30th, 2026, and will then be considered for eligibility. Completed applications should include the following documents:

- (1) Curriculum vitae with photo
- (2) A photocopy of your doctoral degree certificate , or a certificate indicating that you are expected to obtain a doctoral degree (e.g., a certificate of expected completion of the doctoral program)
- (3) Lists of research achievements, including the lists of referred journal publications, international conference papers, invited talks, books, etc. Please indicate the impact factor and the citation number of each refereed journal publication.
- (4) Reprints or copies of approximately three to five representative papers from major journals
- (5) Achievements showing research activities such as various competitive research funds and grants, industry-academia-government joint research, international research activities, inventions, patents, etc. (distinguish between principal investigator and co-investigator)
- (6) Summary of research achievements (up to 2 pages including figures)
- (7) Research plan at YNU (up to 2 pages including figures)
- (8) A short statement of your educational goals (up to 2 pages including figures)
- (9) Other special remarks (optional)
- (10) Contact information and addresses of two references

Non-Japanese applicants may apply in English.

11. All the documents (1)-(10) should be submitted as pdf files (electronic files) using the NII File Sender service provided

by the National Institute of Informatics. You must send an email to the following email address (see “12. Contact”) with the title "Request for submission of application documents via NII File Sender" at least one week before the application deadline. Then, we will contact you to tell you how to handle the NII File Sender.

12. Contact

Mailing address: Professor Kazuhiro Ishii, Department of Mechanical Engineering, Materials Science, and Ocean Engineering, Graduate School of Engineering Science, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

E-mail address: ishii-kazuhiro-rh@ynu.ac.jp

13. After a review of the applications, interviews will be held at YNU with successful candidates in November 2026. Those who are invited to interviews will not be reimbursed for travel expenses. Only those candidates who pass the document review and are selected for an interview will be contacted by e-mail regarding the interview. Candidates will be notified of the results of the selection process by e-mail.

14. All documents provided will only be used for application purposes and will be disposed of safely after the selection is completed in order to maintain the privacy of personal information.

15. Our university welcomes the active application of women and those who have experience in education and research overseas, based on the spirit of the Yokohama National University Declaration of Gender Equality and from the perspective of aiming for diversity of human resources.