

Job Information: **Assistant Professor** as a Tenure-track Faculty Position (**Dynamics of machinery and/or control 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 as a tenure-track faculty position** in the field of mechanical engineering. The following is an overview of the position, required qualifications and application procedure:

1. Job title: Tenure-track **Assistant Professor**

2. The number of positions: 1

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

**Dynamics of machinery and/or vehicle dynamics, robot dynamics, and human dynamics and related areas**

A successful candidate will be expected to participate in undergraduate and graduate educational programs **primarily related to dynamics of machinery and the above-mentioned areas**. Also, the candidate will be expected to participate some subjects of practices or experiments. Furthermore, as the principal investigator, the candidate will be expected to manage the laboratory and own research (including joint research and research conducted in collaboration with other researchers) and supervise students, including undergraduate and graduate students assigned to the laboratory.

4. Start date: **April 1st, 2025 or the earliest possible date thereafter**

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

6. Term of employment: Term of employment is 5 years. \*The trial period is six months.

However, candidates with significant achievements during their term will be promoted to a tenured position as Associate Professors. Alongside educational and research activities, an associate professor is also expected to take a role in administrative duties.

A tenure review may be conducted early depending on the candidate's research and educational achievements during the term.

7. Candidates must have a doctoral degree or acquire a doctoral degree before occupying this position. Candidates whose mother tongue is not Japanese should have a working knowledge of Japanese in order to carry out education and research activities.

8. Compensation: It depends on regulation of the 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 the 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.

9. Completed applications must be received by **November 5th, 2024**, and will then be considered for eligibility. Completed applications should include the following documents:

- (1) Curriculum vitae with photo and a photocopy of your doctoral degree certificate (doctoral degree holder only)
- (2) Lists of research achievements, including the lists of refereed journal publications, international conference papers, invited talks, books, etc. Please indicate the impact factor and the citation number of each refereed journal publication.
- (3) About 5 copies of work from major publications
- (4) 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)
- (5) Summary of research achievements (up to 2 pages including figures)
- (6) Research plan at YNU (up to 2 pages including figures)
- (7) A short statement of your educational goals (up to 2 pages including figures)
- (8) Other special remarks (optional)
- (9) Contact information and addresses of two references

Non-Japanese applicants may apply in English.

10. All the printed documents (1)-(9) and a CD-ROM or a DVD-ROM which stores the electronic files of these documents should be enclosed in an envelope marked as "Application for a tenure-track faculty position of **Dynamics of machinery** at YNU" in red and sent by recorded mail to the address below.

Note: If it is difficult for you to send your application documents by post, you can submit them electronically using the NII File Sender service provided by the National Institute of Informatics. If you hope to submit your application by NII File Sender, you must send an email to the following email address (see "11. 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 inform you how to handle NII File Sender.

11. Contact

Mailing address: Professor Yasukazu Sato in the 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: sato-yasukazu-zm@ynu.ac.jp

12. After a review of the applications, interviews will be held at YNU with successful candidates in **November 2024**. 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.

13. 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.

14. 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.