

Open Faculty Position (No.278), Graduate School of Engineering, University of Hyogo

1. Open position: Professor

(University of Hyogo is actively promoting diversity and inclusion. We welcome applications from all qualified candidates regardless of gender, ethnicity, religion, sexual orientation, disability and other diverse backgrounds. We explicitly invite applicants qualified in research and education to apply.)

2. Department: Engineering (Field of Mechanical Engineering)

In April 2026, the Graduate School of Engineering will change from the current six majors to one major and six fields of study.

3. Research and teaching field: Dynamics of Machinery or Bioengineering

We are actively seeking motivated individuals who are eager to address societal challenges by leveraging advanced knowledge in mechanical dynamics and bioengineering. We welcome candidates with expertise and a strong commitment to technology transfer in real-world applications, including but not limited to the following areas:

- Research and development experience in earthquake-resistant, seismic isolation, and vibration control technologies, as well as dynamic behavior analysis of structures.
- Design and development experience of medical and welfare devices based on biomechanics, bio-mechanics, human dynamics, and medical engineering.
- Research and development experience in flow-induced vibrations, multibody dynamics, and smart structures.
- Research and development experience in robotics, mechatronics, and vehicle dynamics control and traffic dynamics control.
- Development experience of new devices and systems utilizing vibration suppression for precision equipment, acoustic engineering, MEMS/NEMS, and metamaterials.

4. Subjects:
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| [Doctoral course] | Advanced Seminar on Mechanical Engineering, Advanced Research on Mechanical Engineering, Advanced Study for Doctoral Course, and other related subjects |
| [Master's course] | Subjects on Mechanical Engineering, Engineering Seminar, Advanced Study for Master's Course, and other related subjects |
| [Undergraduate course] | Dynamics of Machinery, Machine Design, Mechanical Design, Experiments of Mechanical Engineering, Senior Thesis, and other related subjects |

Some other lectures belonging to the Field of Mechanical Engineering may be assigned.

5. Qualification:

- (a) Ph. D
- (b) While it does not matter to the nationality, Japanese language communication skills are required for teaching, instructional and other duties.
- (c) English language communication skills are required for giving lectures.

6. Employment status: Full-time (tenured)

7. Starting date: April 1, 2026

8. Application forms:

- (a) Curriculum vitae (Form 1)
- (b) List of publications (book, original articles) and reprints of main publications (within 5, copy is available) (Form 2)
- (c) Educations and activities (Form 3)
- (d) Summary of research (800 words) (Form 4)
- (e) Plan of research and teaching (800 words) (Form 5)
- (f) Recommendatory letter from the dean or a person who can be asked about the applicant (including the name and contact information). The applicant or recommender should send the recommendatory letter by registered mail or e-mail to the addresses below.

Mailing address: Takao SATO, Graduate School of Engineering, University of Hyogo, 2167 Shosha, Himeji, Hyogo 671-2280, JAPAN.

E-mail address: koubo278@eng.u-hyogo.ac.jp

9. Application deadline: September 30, 2025 (JST, deadline for receipt)

10. Review: Reviewing application forms and interview including lecture demonstration

11. Submission

(a) Application via JREC-IN Portal

You can apply through JREC-IN Portal. Details can be found at JREC-IN Portal, <https://jrecin.jst.go.jp/seek/SeekTop?ln=1>

(b) Application via e-mail

Send application materials to the e-mail address below. When the documents are too large to send by e-mail, it is recommended to submit via secure file transfer service.

E-mail: koubo278@eng.u-hyogo.ac.jp

The subject should be “Application forms No. 278 Professor (Field of Mechanical Engineering)”.

12. Inquiry address: Takao SATO

Professor of Department of Mechanical Engineering

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