

**Faculty Position in the Graduate School of Engineering Science,
the University of Osaka**

Outline	Laboratory of Mathematical Modeling, Division of Mathematical Science, Department of Systems Innovation, Graduate School of Engineering Science, the University of Osaka is studying the mathematical modeling of nonlinear phenomena and nonlinear partial differential equations derived from models. The laboratory is seeking an academic staff member with an enthusiasm and passion for education and research in mathematical science based on the latest modern mathematics. The successful applicant will be responsible for conducting research and teaching liberal arts and other subjects at the undergraduate and graduate levels. Inquiries regarding this position are welcome.
1. Position	Associate Professor, or Associate Professor (Lecturer) *The position and the responsibilities assigned to the successful applicant will be determined based on the applicant's qualifications.
2. Number of Positions	1 (One)
3. Affiliation	Division of Mathematical Science, Department of Systems Innovation, Graduate School of Engineering Science (see https://www.es.osaka-u.ac.jp/en/faculty-research/graduate-school-of-engineering-science/department-of-systems-innovation/index.html) Concurrently, Mathematical Science Course, Department of Information and Computer Sciences, School of Engineering Science (see https://www.es.osaka-u.ac.jp/en/faculty-research/school-of-engineering-science/department-of-information-and-computer-sciences/index.html)
4. Work Location	Toyonaka Campus (1-3 Machikaneyama, Toyonaka-City, Osaka, Japan)
5. Specialized Field	Nonlinear analysis and related Mathematical fields
6. Responsibilities	<ul style="list-style-type: none"> · Conduct research in the areas mentioned above. · Educational activities for undergraduate (e.g., Calculus, Linear algebra, Differential equations, Real/Complex analysis, Numerical analysis) and graduate school students (e.g., Mathematical Modelling, Mathematical analysis) · Research and education for undergraduate and graduate school students · Administrative jobs in the Graduate School of Engineering Science and the University of Osaka. · Depending on the candidate's background, they may be asked to serve as a member of the Advising Room for International Students in the School/Graduate School of Engineering Science or as a member of the Network Committee of the Mathematical Sciences Course. · The successful candidate will also be a member of the Center for Mathematical Modeling and Data Science, the University of Osaka.
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree (2) Excellent research achievements in the areas described above (3) Proficiency in Japanese and English at a business level or higher (4) Ability to teach undergraduate students' mathematics in Japanese.
	[Preferred] Experience of supervising students at the undergraduate and graduate level
8. Starting Date	August 1st, 2025 (or as soon as possible thereafter)

9. Term of Employment	No Fixed Term (Until the end of the fiscal year at 65 years of age)
10. Probationary Period	6 months
11. Employment Form	Based on “6. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Staff” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied with the applicant’s consent. (deemed working hours: 8 hours a day)
12. Salary and Benefits	Based on “18. Salary Regulations for National University Corporation Osaka University Staff Subject to New Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html
13. Insurance	Medical insurance and employee’s pension insurance of the Federation of National Public Service Personnel Mutual Aid Associations, Employment Insurance and Industrial Accident Compensation Insurance
14. Application Documents	Applications must be written in English or Japanese and include the following 1. A Curriculum Vitae *Please use the university form for educational/research positions available at the following website. https://www.osaka-u.ac.jp/en/news/employ/links 2. A list of research achievements 3. Selected original papers (Version of Record, up to 5 papers, photocopies acceptable) 4. A list and an outline of awards, prizes and research grants 5. An outline of research and education achievements 6. A research plan 7. A list of education achievements and aspirations 8. Name, affiliation, and contact information of two professional references who are willing to be contacted 9. For applicants whose native language is not Japanese, certificates for Japanese language proficiency (photocopies acceptable) or materials demonstrating the ability to teach mathematics in Japanese. *Personal information in the application documents will only be used for the purpose of screening and hiring procedures and will not be disclosed to any third party. *Submitted application documents will not be returned.
15. Sending Address and Contact Information	Send the application documents via the online submission system of JREC-IN Portal https://jrecin.jst.go.jp/seek/SeekTop Combine all PDF files into a single ZIP file. Contact Information: Prof. Dr. Michinori ISHIWATA Tel: +81-6-6850-6476 E-mail: ishiwata.michinori.es@osaka-u.ac.jp
16. Application Deadline	April 30 th , 2025 (Japan Standard Time)
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified within four weeks after the application deadline. *Travel and accommodation fees necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview. *Please note that unsuccessful applicants will not be notified. *If a desirable candidate is not available, the position may be re-advertised.
18. Additional Information	Regarding work conditions other than the above-mentioned, please refer to “3. Work Regulations for National University Corporation Osaka University Staff” and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Please note the above-mentioned work conditions are as of the day this employment offer is

	<p>posted, and subject to change. After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University. “Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control”. The University of Osaka actively encourages applications from a diverse range of researchers. The University of Osaka is implementing various initiatives and support, including promoting gender equality. https://www.di.osaka-u.ac.jp/ * The University of Osaka campuses and related facilities are smoke-free, except for designated areas. * National University Corporation Osaka University is the same as the University of Osaka.</p>
19. Recruiter	The University of Osaka