

Faculty Recruitment at Faculty of Engineering, Kyushu University

The Faculty of Engineering, Kyushu University, invites applications for the following positions.

Therefore, we kindly request your assistance in disseminating this information and, if possible, recommending suitable candidates who meet our criteria.

1 Summary	The Department of Applied Quantum Physics and Nuclear Engineering consists of four courses: (1) Nuclear Radiation Engineering course, (2) Nuclear Energy System course, (3) Quantum Science and Materials course, and (4) Applied Physics course. The associate professor being advertised will belong to the Quantum Science and Materials course. Their successful candidate will be responsible for education and research from a quantum engineering perspective the crystal structure of solid materials such as metals, semiconductors, and oxides, the mechanisms behind material functionality, and the structure and properties of radiation-induced defects caused by quantum beams, particularly in the context of next-generation energy production and environmental conservation. The candidate is expected to utilize experimental methods such as spectroscopic and imaging techniques, while also taking on the challenge of developing and advancing new approaches to material evaluation beyond conventional methods.
2 Affiliation	Department of Applied Quantum Physics and Nuclear Engineering
	Quantum Sciences of Materials
3 Position	Associate professor
4 number of persons to be admitted	one person
5 Duties	Education and research
6 Specialties	Energy Materials Science, Quantum Beam Science, Nanomaterials Science, Nuclear Engineering
7 Teaching Responsibilities	Lectures (including experiments and exercises) and supervising students at both the graduate and undergraduate levels. Additionally, you may be asked to teach courses in the international program at the graduate course and the first-year education courses (university-wide education) at the undergraduate course. Some of these courses will be taught in English.
8 Qualifications	<p>(1) Doctoral. or Ph.D. degree at the time of appointment.</p> <p>(2) Have sufficient teaching ability (including instruction and lectures in English) and enthusiasm for teaching and research in undergraduate and graduate doctoral programs.</p> <p>(3) Have particularly outstanding research achievements in the above-mentioned specialized fields.</p> <p>(4) The applicant should have the willingness and ability to actively engage in interdisciplinary research with other areas of specialization and the development of new research fields from a long-term perspective, in addition to the above-mentioned areas of specialization.</p> <p>(5) Have the ability and enthusiasm to actively develop education and research activities from an international perspective and social cooperation with industry, government, etc.</p>
9 Start Date	As soon as possible after the decision is made. The start date should be earlier than April of 2025.
10 Employment Period	Full-time (no term of office). However, a probationary period of three months will be set.

11 Application Documents	<p>(1) Curriculum vitae (Include a photograph and a statement of education, employment history, and qualifications. Include contact information and e-mail address.)</p> <p>(2) Application Documents</p> <p>I Research achievements (Classified into (1) Academic Papers (differentiated by refereeing), (2) Proceedings of International Conferences (differentiated by refereeing), (3) Books/Edited Works, (4) Review Papers/Academic Materials, etc., (5) Inventions, Devices, Patents, etc., and (6) Others (papers and works confirmed for publication, etc.)).</p> <p>II Educational accomplishments (Including public lectures, in-house education, etc.)</p> <p>III Any other relevant information (Memberships of academic societies and their officers, committee members, international conference committee members, committee member of national and local governments, foundations, etc., organizer and chairperson of academic research meetings, awards received, etc.)</p> <p>IV Acquisition of competitive research funds such as Grants-in-Aid for Scientific Research, joint research, and funded research (representative portion)</p> <p>(3) Summary of previous research (2000 words and less)</p> <p>(4) Future research plans (2000 words or less)</p> <p>(5) Motivation for application and aspirations for education and research (1,000 words or less)</p> <p>(6) Reprints of Major Publications (up to five)</p> <p>(7) Names and Contact Information of Two Referees</p>
12 Application Deadline	December 20, 2024 (Friday) must be received
13 Submission Method	<p>Please submit your application documents in a single PDF file from JREC-IN Portal site. https://jrecin.jst.go.jp/seek/SeekJorDetail/Changelang?id=D124091975&lang=1</p> <p>※Please note that the submitted documents and data will not be returned.</p>
14 Submission Address and Contact	<p>744 Motooka, Nishi, Fukuoka, 819-0395, Japan</p> <p>Department of Applied Quantum Physics and Nuclear Engineering, Faculty of Engineering, Kyushu University</p> <p>Professor Kazuhiro YASUDA</p> <p>TEL 81-92-802-3487 FAX 81-92-802-3489</p> <p>E-mail yasuda.kazuhiro.967@m.kyushu-u.ac.jp</p>
15 Selection Process	Initial document screening (1st round) followed by interviews (2nd round). The interviews may be conducted online.
16 Working conditions	<p>(1) Place of work Department of Applied Quantum Physics and Nuclear Engineering, Faculty of Engineering, Kyushu University(744 Motooka, Nishi, Fukuoka, 819-0395, Japan)</p> <p>(2) Working hours, break and overtime work Based on the discretionary labor system for professional work based by consent, it is regarded that working hours are 7 hours and 45 minutes irrespective of how much time the employee actually spends on his/her</p> <p>(3) Holidays</p>

	Saturdays, Sundays, national holidays and the period from the 29th of December to the 3rd of January
	(4) Salary The annual salary system, which was introduced on 1st of April 2020, will be applied. The annual salary is determined in accordance with the university's pay scale based on experience, etc.
	(5) Insurance Employment insurance, industrial accident compensation insurance, health insurance and employees' pension insurance.
	(6) Status of measures to prevent passive smoking No smoking is permitted on the university premises.
17 Notes	(1) Candidates may be requested to come to the campus for an interview. The University does not cover travel costs or other expenses relating to interview attendance.
	(2) In line with the Basic Act for a Gender-Equal Society (Act No. 78 of 1999), Kyushu University is an equal opportunity employer. https://danjyo.kyushu-u.ac.jp/en/
	(3) Kyushu University is an equal opportunity employer and follows the principle of the Act on Employment Promotion etc. of Persons with Disabilities (Act No. 123 of 1960, revised in 2013) and Act on the Elimination of Discrimination against Persons with Disabilities (Act No. 65 of 2013).
	(4) The accompanying spouse employment system has been implemented at Kyushu University from July 2017.
	(5) If you have been disciplined in the past for sexual violence, including sexual harassment, against students, please be sure to enter the nature of the disciplinary action and the specific reasons for it in your resume or other documents. False statements may result in cancellation of employment or disciplinary action.
	(6) For more information on the Department of Applied Quantum Physics and Nuclear Engineering, please refer to the following URL https://www.gpn.kyushu-u.ac.jp/en/index.html

Sincerely,

Motoji Yamamoto
Dean
Faculty of Engineering,
Kyushu University