

Call for Applications for Full-time Faculty Positions



Kyoto Institute of Technology

Date of publication	2023/07/13
Title	Recruitment for Professor or Associate Professor or Assistant Professor Position : Kyoto Institute of Technology
Institution	Kyoto Institute of Technology
URL of institution	https://www.kit.ac.jp
Department	Please refer to attached sheet.
Institution type	National university
Job posting URL	https://www.kit.ac.jp/uni_index/teacher-employment/
Job description	Please refer to attached sheet.
Address of work location	Matsugasaki, Sakyo-ku, Kyoto
Number of positions	Please refer to the attached sheet
Date of appointment	2024/1/1 or 2024/4/1 at the latest
Research field	Please refer to the attached sheet
Job type	Please refer to the attached sheet
Employment status	Full-time
Duration of contract	Please refer to attached sheet
Work location	Kyoto prefecture
Qualifications	<p>- The applicant must be a researcher with a doctoral degree, or the equivalent, in one of the research fields listed on the attached sheet.</p> <p>- The applicant should have a distinguished record of achievement in research and teaching in the applicant's field, and should have a strong commitment to both research and teaching.</p>
	For other qualifications, please refer to the attached sheet
Conditions	<p>Annual income is calculated in accordance with the Annual Salary Scheme based on the wage regulations of Kyoto Institute of Technology. The website below gives information about the salary system in Japanese. https://www.kit.ac.jp/01/prescriptions/aggregate/catalog/index.htm</p> <p>In the event an appointee takes maternity leave, child-care leave or nursing leave during the duration of his/her Contract, a research assistant will be provided. In addition to this, for an appointee in the position of Assistant Professor, the duration of the Contract will be extended.</p>
	Working hours: De facto working hours* under the discretionary labor system for specialist work: 7 hours 45 minutes per day (38 hours 45 minutes per week). *Hours considered to be working hours
	Probationary Period: 6 months
	[Measures against second-hand smoking in your workplace.] Smoking is prohibited on campus (excluding one designated outdoor smoking area).
Application period	2023/9/1 (not later than 17:00)
Application documents	Curriculum Vitae (Form 1 available at the “Job posting URL” above)
	List of academic publications (Form 2 available at the “Job posting URL” above) Categorize the above under the headings of “Authored books”, “Peer-reviewed academic papers”, “Non peer-reviewed academic papers”, “Presentations” and “Other.”
	A document stating the name of the Department applied for (Form 3 available at the “Job posting URL” above)
	List of successfully acquired competitive funding (if any) Please include the full funding scheme title, duration of the grant, project research theme, amount and the name of the principal project investigator in the case of a joint application when the principal project investigator is someone other than the applicant.
	Five major publications (one copy of each) Offprints and photocopies are acceptable.
	Description of teaching experience and future goals (approximately 1000 Japanese characters or 500 English words)
	Description of research activities and future plans (approximately 1000 Japanese characters or 500 English words)
	Names and contact details of two referees (include email addresses)
	For other application documents, please refer to the attached sheet
Method of selection	After the initial screening, shortlisted candidates will be called for an interview at Kyoto Institute of Technology. In that event, travel expenses are to be borne by the applicant. If any additional paperwork is required, the associated costs will also be borne by the applicant.

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Contact details	<p>Labor and Personnel Department, Kyoto Institute of Technology</p> <p>Contact email address: Refer to the attached sheet</p>
Document submission	<p>Send all application PDF files to the Labor and Personnel Department, Kyoto Institute of Technology by e-mail. (Refer to the attached sheet for the email address.)</p> <p>*Write "APPLICATION DOCUMENTS - × × × × Position - " in the subject line of the e-mail.</p> <p>Alternatively, if, due to file size or other issues you wish to send your PDF files by electronic media (CD, DVD, etc.), post them to the following address.</p> <p> Labor and Personnel Department Kyoto Institute of Technology Matsugasaki, Sakyo-ku, Kyoto 606-8585 JAPAN</p> <p>•Write: "APPLICATION DOCUMENTS - × × × × Position - " in red on the submission envelope.</p>
Additional information	<p>Application documents will not be returned. The information you provide will only be used for hiring decision purposes.</p> <p>Kyoto Institute of Technology promotes a research environment in which diverse human resources can play an active role. We comply with Japan's Basic Law for Gender-equal Society and Basic Plan for Gender Equality, and recruit staff in alignment with Article 5, the Law of Equal Employment Opportunities for Men and Women.</p> <p>In addition to the duties outlined in the attached job description, KIT faculty, when so directed, must also proactively fulfill duties related to entrance examinations, university management and community outreach.</p> <p>If there are no suitable applicants, the position will remain empty.</p> <p>For additional information, please refer to the attached sheet</p>

No.	Department	Number of positions	Job description	Research field	Job type	Duration of Contract	Qualifications	Application documents	Additional information	Contact email address
1	Faculty of Applied Biology	1	Work in: Research, education, and research supervision of students in the field of Applied Biology. Subjects to be taught: Undergraduate and graduate classes (those related to Microbiology and Advanced Applied Microbiology), experimentation, and practical courses in Applied Biology.	Area: Life Science Discipline: Applied microbiology	Professor	Tenured	Applicants must have outstanding research achievements in Applied Microbiology and be enthusiastic about teaching at KIT. This position is open to a researcher who will be capable of developing biotechnology research by using microorganisms into biomaterials, biofuels, phamaceuticals, and others.			jinji-saiyou05@jim.kit.ac.jp
2	Faculty of Materials Science and Engineering	1	To advance research and education in the fields of materials science and technology for a sustainable society To be in charge of undergraduate and graduate courses of inorganic chemistry, physical chemistry, inorganic materials science, solid state chemistry, catalytic chemistry, and related matters	Area: Nanotechnology/Materials Discipline: Inorganic compounds and inorganic materials chemistry Area: Nanotechnology/Materials Discipline: Inorganic materials and properties Area: Nanotechnology/Materials Discipline: Material processing and microstructure control	Professor	Tenured	The applicants should (1) have a PhD degree. (2) be actively engaged in the undergraduate and graduate education in Japanese and English. (3) have outstaniding achievements in the field of ceramic materials with controlled functional surfaces such as environmental catalyst materials, on the basis of inorganic solid state materials and surface chemistry, and be able to promote research on inorganic materials science in the future on the collaboration with the field of theoretical computational chemistry.			jinji-saiyou06@jim.kit.ac.jp
3	Faculty of Electrical Engineering and Electronics	1	Responsibilities: Pioneering research and internatinal activation on novel material physics and innovative functional device based on photonics, optoelectronics, or semiconductor physics (including condensed matter photophysics, organic electronics, photonic crystals, etc.), and supervision of students in the related research areas. Subjects in charge: Undergraduate and graduate courses related to electrical and electronic engineering and applied physics.	Area: Manufacturing Technology Discipline: Electric and electronic materials Area: Nanotechnology/Materials Discipline: Optical engineering and photon science Area: Nanotechnology/Materials Discipline: Applied physical properties	Assistant Professor level	Non-tenured (5 year term), renewable contract	The applicant should have a high level of expertise in the field of photonics, optoelectronics, or semiconductor physics, based especially on the light-matter interaction, and should be highly motivated to independently expand his/her own research interests to other research fields.			jinji-saiyou07@jim.kit.ac.jp
4	Faculty of Electrical Engineering and Electronics	1	Responsibilities: Leading theoretical research in computational materials design (including first-principles electronic structure calculations), device simulation, and exploration of novel physics, based on condensed matter physics, applied physical properties, and applied physical engineering, and supervision of students in the related research areas. Subjects in charge: Undergraduate and graduate courses related to computational science, electrical and electronic engineering, and physics.	Area: Natural Science Discipline: Mathematical physics and fundamental theory of condensed matter physics Area: Informatics Discipline: Computational science Area: Manufacturing Technology Discipline: Electric and electronic materials	Professor level	Tenured	The candidate should have outstanding research achievements and extensive teaching experience in the fields of condensed matter physics, applied physics, or electrical and electronic engineering, and should actively collaborate with researchers within the university.			jinji-saiyou08@jim.kit.ac.jp

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5	Faculty of Information and Human Sciences	1	Work in: Education, research, and supervision of student research in the fields of human interface and interaction. Subjects to be taught: Undergraduate and graduate classes in information science.	Area: Informatics Discipline: Human interface and interaction Discipline: Kansei informatics Discipline: Intelligent informatics	Assistant Professor	Non-tenured (5 year term), renewable contract	In both the cyber and physical worlds, interaction between people as users and systems, or between people through systems, is an important research field. In particular, as artificial intelligence and virtual reality/augmented reality technologies are being developed and applied in the real world, researchers who are familiar with these technologies as well as with the cognitive and emotional aspects of people are desired. In addition, by appointing young researchers of the millennium generation, who have experienced the changes in IT and digitalization along with their own growth, we hope that they will contribute to the development of new academic fields that are not bound by existing concepts.			jinji-saiyou09@jim.kit.ac.jp
6	Faculty of Information and Human Sciences	1	Work in: Education, research, and supervision of student research in the fields of social expansion of data science and artificial intelligence. Subjects to be taught: Undergraduate and graduate classes in information science.	Area: Informatics Discipline: Web informatics and service informatics Discipline: Database Discipline: Intelligent informatics	Assistant Professor	Non-tenured (5 year term), renewable contract	Data science and artificial intelligence development have rapidly advanced in recent years, with particular emphasis on their applications to society. Efficient and appropriate analysis and provision of necessary information through data science and artificial intelligence are crucial, even in the context of Society 5.0, where various fields anticipate their utilization. Young researchers who are proficient in data science, statistics, and artificial intelligence technologies, as well as possess knowledge relevant to societal development, such as econometrics and behavioral economics, are highly desired. Therefore, we seek to recruit one assistant professor specializing in this field.			jinji-saiyou10@jim.kit.ac.jp
7	Faculty of Fiber Science and Engineering	1	Research projects in charge ・ Research and developments on synthesis of polymer materials by organic chemical reactions in water ・ Research and developments for one-pot polymer synthesis in water Regular Task ・ Education of students ・ Co-operation of entrance examination, etc Lectures in charge ・ Lectures of basic organic chemistry and polymer chemistry related to the biobased materials production science	Area : Nanotechnology/Materials Discipline : Polymer chemistry Area : Nanotechnology/Materials Discipline : Green sustainable chemistry and environmental chemistry	Professor	Tenured	The candidate must be conducting research on organic chemical reactions and polymer synthesis in water using biobased materials. The applicant should have a strong desire to contribute to the construction of a carbon-neutral society and be able to promote original research in the field of biobased materials in the Department of Biobased Materials.			jinji-saiyou11@jim.kit.ac.jp
8	Faculty of Fiber Science and Engineering	1	Upon appointment, duties will include fulfillment of research (See "Research field" above) and of lectures and supervision of student research.	Area: Informatics Discipline: Robotics and intelligent system Area: Informatics Discipline: Kansei informatics Area: Manufacturing Technology Discipline: Mechanics of materials and materials	Associate Professor	Tenured	To create new value in the field of haptic device research, the candidate must be able to digitally integrate the information of various objects and the human emotion associated with tactile sensation. As for research themes, various technologies related to haptic sensations in real, virtual, network and remote environments, such as interaction between humans and machines, object recognition and control are targeted. In addition, the candidate should preferably have the ability to develop his/her technology and idea not only vertically but also horizontally from the field of textile to the field of food, architecture, medicine, and so on.			jinji-saiyou12@jim.kit.ac.jp

No.	Department	Number of positions	Job description	Research field	Job type	Duration of Contract	Qualifications	Application documents	Additional information	Contact email address
9	Faculty of Fiber Science and Engineering	1	Upon appointment, duties will include fulfillment of research (See "Research field" above) and of lectures and supervision of student research.	Area: Informatics Discipline: Human interface and interaction Area: Nanotechnology/Materials Discipline: Polymer materials Area: Life Science Discipline: Medical assistive technology	Assistant Professor	Non-tenured (5 year term), renewable contract	•Human resource who can create new values based on textile technology regarding the interface technology between information space and the real world, as typified by the metaverse. •The theme of this project is to research soft sensor technology that can constantly collect human movements and biological signals without any burden on the body, technology that analyzes such collected information using deep learning and other methods to appropriately manipulate the information space, and soft actuator technology that enables natural physical feedback from the information space to the real world, with a focus on textile technology.			jinji-saiyou13@jim.kit.ac.jp
10	Faculty of Design and Architecture	1	Job: Reaearch and education on the architectural design. Education on architectural design studio. Class: Architectural design and architectural design studio in the undergraduate and graduate school.	Area :Social Infrastructure Discipline :Architectural planning and city planning	Professor	Tenured	Recipient of major awards in the field of architectural design (Architectural Institute of Japan Prize, etc.) / Continual publication of architectural design works in influential architectural magazines / Publication of an academic paper as the first author in a major academic journal (e.g. Journal of Architecture and Planning (Transaction of AIJ)) / Publishing of a single authored book / Publishing of a collection of own architectural design works		As a practitioner teacher, Cross-appointment system should be applied.	jinji-saiyou14@jim.kit.ac.jp
11	Fuculty of Design and Architecture	1	Job: Reaearch and education on the history of architecture, urban and architectrual heritage studies and preservation and regeneration of architectural heritage. Education on architectural design studio. Class: History of archtiecture, urban and architectrual heritage studies and architectural design studio in the undergraduate and graduate school. Preservation and regeneration of architectural and urban heritage in the graduate school. Training course for the heritage architect in the recurrent progam of KIT.	Area: :Social Infrastructure Discipline: Architectural history and design	Associate Professor	Tenured	The applicant must have the research and practical experience in the field of preservation and regeneration of modern architecture. The applicant must have research experience in fields of history of modern architecture and archiving of architectural documents. The applicant must have research and educaton experience in foreign countries, and have networks with foreign researchers or institutes.	Write your achievement on the research and practice in the field of preservation and regeneration of modern architecture within 400 words in English.		jinji-saiyou15@jim.kit.ac.jp
12	Center for the Possible Futures	1	Working on transdisciplinary research at the center for the possible futures. Research activities are placed in the transdisciplinary field of architecture, design and informatics. This job opportunity is aimed at developing digital construction research projects as international collaborative research, and related experience/achievements are highly commended. A successful candidat e will also work for postgraduate degree in Design and Architecture to supervise Masters and Doctoral students.	Area: Social Infrastructure Discipline: Architectural environment and building equipment Area: Social Infrastructure Discipline: Civil engineering material, execution and construction management	Assistant Professor or Professor	Tenured	Applicant must meet the following criteria: •The applicant must demonstrate academic achievements relating to the transdisciplinary field consisting architecture, design and informatics. •The applicant must have professional and international experience in digital construction projects. •The applicant has to demonstrate the ability to lead international and collaborative research projects.			jinji-saiyou16@jim.kit.ac.jp