

Job Posting for Associate Professor

Affiliation	School of Environment and Society
Position title	Associate Professor
Number of Openings	1
Area of Specialization	Transdisciplinary Science and Engineering, especially in the area of Smart energy informatics for cities (the successful candidate has a high degree of expertise in any of the following areas of specialization, i.e., energy system design utilizing IoT sensors, process informatics of energy systems, machine learning and AI optimization, energy based life cycle assessment of energy generation facilities (virtual/real), and smart city energy economy/policy, etc., and he/she addresses transdisciplinary study on energy technology and society from the viewpoint of integrating relevant research areas and tackles various energy problems)
Job Description	<ul style="list-style-type: none"> ● The successful candidate will be required to engage in research, teach, and education management/administration. ● The successful candidate will be required to teach course(s) in data science and AI in Japanese and English. ● The successful candidate will conduct advanced research in the above specialized fields (including international joint research) ● The successful candidate will teach classes in Japanese and/or English for undergraduate students in the Department of Transdisciplinary Science and Engineering, School of Environment and Society and graduate students in the Energy course as well as solely supervise undergraduate and graduate students conducting thesis research. ● The successful candidate will participate in activities related to Global Scientists and Engineers Program (GSEP) with other faculty members. ● The successful candidate will conduct joint research projects in terms of transdisciplinary study.
Qualifications	<ul style="list-style-type: none"> ● A Ph.D. or Doctoral degree in Science or Engineering ● In-depth understanding of the vision and educational ideals of Department of Transdisciplinary Science and Engineering and advancing transdisciplinary study. ● Excellent achievements, background, and research ability in the area related to the above specialization, and enthusiastically promoting research and education in cooperation with other faculty researchers.
Location	Tokyo Tech Ookayama Campus Nearest station: Tokyu Train Line, Ookayama

Working Hours	De facto working hours* under the discretionary labor system: 7 hours 45 minutes per day (38 hours 45 minutes per week) *Hours considered as working hours
Term	Permanent Position: The Institute has mandatory retirement, requiring employees to retire at age 65.
Probationary Period	6 months
Salary	<p>The successful candidate will be paid under the “Annual Salary System with Lump-Sum Retirement Allowance” pursuant to the Institute’s Regulations on Wage and Salary for Staff under Annual Salary System with Lump-Sum Retirement Allowance. In accordance with the regulations, the amount of annual salary will be determined based on the standard level for the first fiscal year of employment, and will be based on performance evaluations in subsequent years. A retirement allowance will be paid separately at the time of retirement.</p> <ul style="list-style-type: none"> •Annual salary examples (The amounts listed below are only examples provided in the regulations and do not relate to this position.) •Associate Professor who has 5 years of work experience after completing a doctoral degree. <p>Standard: JPY 7,500,000 Minimum*: JPY 7,000,000 Maximum*: JPY 8,600,000</p> <p>*The minimum and maximum amounts will vary depending on performance.</p>
Social insurance and other benefits	Employee’s pension, Mutual Aid Association short-term benefits (health insurance), employment insurance, worker’s compensation Insurance.
Employer	President of National University Corporation Tokyo Institute of Technology
Proposed Start Date	April 1 st , 2023 or the earliest possible date thereafter
Closing Date for Application	Applications must be received by September 30, 2022.
Selection Process	<p>Selection will be based on a comprehensive review of applications and interviews of candidates.</p> <p>Selected applicants may be asked to have an in person or online interview and/or give a presentation including a mock 10 min lecture for undergraduate students related to data science, machine learning and AI. Please note that travel expenses for attending interviews will not be reimbursed.</p> <p>Result notification method: E-mail and/or mail</p>
Required Documents	1. Curriculum vitae including professional and educational history (from high school onward), degrees, awards, and email address.

	<p>2. Accomplishment statement, including:</p> <ol style="list-style-type: none"> a. Refereed journal papers b. Refereed conference proceedings and non-refereed conference proceedings c. Commentaries d. Books e. Patents, etc. <p>Please include details for each category. For lectures, state if it was a keynote or invited lecture. For items a. and b., include the number of citations, h-index, and name of database* used. *Google Scholar Citations, Scopus, or Inspire.</p> <ol style="list-style-type: none"> 3. Up to five reprints or copies of major publications (one copy for each publication) 4. Acquired research grants and external funds. Include names of the funds, project titles, amounts, periods of research, and allocated amounts (if not the principal researcher) 5. Research statement with a summary of research accomplishments and future research plan covering energy informatics of the applicant's work (free form, two A4 pages) 6. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (free form, two A4 pages) 7. Social activities such as those as a member of international and academic committees 8. Two references with names, affiliations, and contact details 9. An Excel file with the specified form filled in with the specified information. Please fill in the Excel file downloaded from the website below. https://tokyotech.box.com/s/leqzjyyj8gkcaebopf8e1jv5o14a30wm <p>Note: Applicants may be asked to submit additional data, if necessary during the selection process.</p>
<p>How to Submit an Application</p>	<p>How to submit: https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=3&ln=1&id=D122080919&ln_jor=1 【Note】 Please compress the required pdf documents and the Excel file of the applicant information into one zip file and upload it. Submissions by email or standard mail will not be accepted.</p>
<p>Email Contact</p>	<p>Type "R4-41 Assoc. Prof. Position" in the subject line Professor Jeffrey S. Cross School of Environment and Society Email: cross.j.aa [at] m.titech.ac.jp (replace [at] with @)</p>

Other	<ol style="list-style-type: none">1. Application documents will not be returned. The personal information provided in the submitted documents will be used solely for recruitment and not for any other purpose, pursuant to the Institute's applicable rules and regulations.2. Tokyo Institute of Technology, in order to ensure a diverse workforce, guarantees equal opportunities for all individuals regardless of nationality or gender.3. Smoking is prohibited on campus except in designated areas.4. The vision and education ideals of Department of Transdisciplinary Science and Engineering, and Graduate Major of Global Engineering for Development, Environment and Society are available at https://educ.titech.ac.jp/tse/eng/ , Global Scientists and Engineers Program (GSEP) are available at http://www.tse.ens.titech.ac.jp/~gsep/ , and Energy Science and Engineering Website. http://www.energy.titech.ac.jp/en/index.html .5. For more information, please refer to the following link. http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en
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