

## Job Posting

### (for Assistant Professor)

Affiliation	Laboratory for Zero-Carbon Energy, Institute of Innovative Research
Position title	Assistant Professor
Number of Openings	1
Area of Specialization	Thermal engineering and materials for carbon neutrality
Job Description	<ul style="list-style-type: none"> <li>• Carry out researches regarding carbon neutrality and effective energy utilization at the Laboratory for Zero-Carbon Energy in the Institute of Innovative Research.</li> <li>• Course education in exercise classes etc. in the Department of Mechanical Engineering (Graduate Major: Mechanical Engineering).</li> <li>• Education of students and assistance of research education in the laboratory</li> <li>• Management issues of the Laboratory for Zero-Carbon Energy in the Institute of Innovative Research.</li> <li>• The above missions are carried out with a professor selected after Tokyo Institute of Technology decides to employ the applicant as an assistant professor.</li> </ul>
Qualifications	<ul style="list-style-type: none"> <li>• Applicants must hold a PhD, be near to completion of a PhD, or have equivalent experience in a relevant subject and have appropriate laboratory research experience.</li> <li>• Applicants have to be those who can conduct cutting-edge research on thermal engineering and materials for carbon neutrality. It is desirable that applicants can perform thermo-fluidic simulation, quantum chemical simulation, etc.</li> <li>• Applicants who can take a good communication with students and conduct research education and instruction of students.</li> </ul>
Place to work	<p>Ookayama Campus</p> <p>Nearest station: Midorigaoka (Tokyu Oimachi Line)</p>
Working Hours	<p>De facto working hours* under the discretionary labor system for professional work: 7 hours 45 minutes per day (38 hours 45 minutes per week)</p> <p>*Hours considered as working hours</p>
Term	<p>Fixed-term appointments will be for up to 5 years. Reappointment may be possible for one additional term of up to 5 years. The total term is limited to a maximum of 10 years from the original date of employment.</p>

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> <p>● Annual salary examples (The amounts listed below are only examples provided in the regulations and do not relate to this position.)</p> <ul style="list-style-type: none"> <li>▪ Assistant professor hired immediately after completing a doctoral degree</li> </ul> <p>Standard: JPY 5,000,000  Minimum*: JPY 4,800,000  Maximum*: JPY 5,600,000</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, 2024, or the earliest possible date thereafter
Closing Date for Application	Applications must be received by October 31 (Tuesday), 2023
Selection Process	Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an interview and/or give a presentation and a mock lecture. Please note that travel expenses for attending interviews will not be reimbursed.

<p>Required Documents</p>	<ol style="list-style-type: none"> <li>1. Curriculum vitae including professional and educational history (from high school onward), degrees, awards, and e-mail address.</li> <li>2. Accomplishment statement, consisting the lists of your <ol style="list-style-type: none"> <li>(i) Refereed journal papers</li> <li>(ii) Review articles, commentaries, etc.</li> <li>(iii) Books</li> <li>(iv) Patents (including those in pending)</li> <li>(v) Other notable accomplishments</li> </ol> <p>In these lists, all items have to be sorted in newest-to-oldest order. Put underlines under the applicant's names. Indicate the total number of citations and the h-index of you, based on <i>Web of Science Researcher ID</i>.</p> </li> <li>3. Up to two reprints of major publications</li> <li>4. Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (free form, two A4 pages maximum)</li> <li>5. Teaching statement that provides a summary of accomplishments (free form, one A4 page) and discusses ideas for teaching and learning (free form, one A4 page)</li> <li>6. List of two references with their names, affiliations, positions, telephone numbers, and email addresses.</li> </ol>
<p>How to Submit an Application</p>	<p>The required documents from #1 to #6 must be converted to PDF files, and archived to a ZIP compressed file. Other digital formats are not accepted. The total size of the ZIP file should be smaller than 20 MB. Please submit the ZIP file by the following method:</p> <ol style="list-style-type: none"> <li>1) Please send the ZIP file by email as an attached file with the subject "Application for IIR Assistant Professor (Thermal engineering and materials)" to the email address below. The documents can be password-protected, if necessary.</li> </ol> <p>A reply will be sent back to the applicant within three working days after submission. If no reply, refer to Prof. Yoshinao Kobayashi</p>
<p>Where to Submit</p>	<p>Prof. Yoshinao Kobayashi, Selection Committee, Professor of the Laboratory for Zero-Carbon Energy, Institute of Innovative Research, Tokyo Institute of Technology E-mail: <a href="mailto:kobayashi.y.at@m.titech.ac.jp">kobayashi.y.at@m.titech.ac.jp</a></p>
<p>Contacts</p>	<p>Prof. Yoshinao Kobayashi, Professor of the Laboratory for Zero-Carbon Energy, Institute of Innovative Research, Tokyo Institute of Technology E-mail: <a href="mailto:kobayashi.y.at@m.titech.ac.jp">kobayashi.y.at@m.titech.ac.jp</a></p>

Other	<ol style="list-style-type: none"><li>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.</li><li>2) Tokyo Institute of Technology, in order to ensure a diverse workforce, guarantees equal opportunities for all individuals regardless of nationality or gender.</li><li>3) Smoking is prohibited on campus (excluding designated outdoor smoking areas).</li><li>4) For more information, please refer to the following link. <a href="http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en">http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en</a></li><li>5) The progress of the selection can be found at the following website: <a href="https://www.iir.titech.ac.jp/job/info_en.pdf">https://www.iir.titech.ac.jp/job/info_en.pdf</a></li></ol>
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