

## Job Posting (for Assistant Professor)

Affiliation	School of Engineering
Position title	Assistant Professor
Number of Openings	1
Area of Specialization	Research in the field of thermal and fluid engineering, especially research and development on advanced simulation technology for turbulent flow, heat and mass transfer, combustion, etc., and advanced measurement technology for energy devices.
Job Description	<ol style="list-style-type: none"> <li>1. Research on the above specialized fields in collaboration with faculty members in Advanced Solution Group / Simulation Engineering Field and in Carbon Neutral Group / Energy Field &amp; Environmental Thermofluid Field of the Department of Mechanical Engineering.</li> <li>2. Education on experiments and exercises in the undergraduate of the Department of Mechanical Engineering.</li> <li>3. Research guidance for the undergraduate/graduate students in the laboratory of the Department of Mechanical Engineering.</li> <li>4. Administrative work mainly in Graduate Major in Energy Science and Engineering of the Department of Mechanical Engineering.</li> </ol>
Qualifications	<ol style="list-style-type: none"> <li>1. Applicant must hold or expect to complete a Ph.D. degree at the job starting date.</li> <li>2. Applicant must have research experience in the above specialized fields and can enthusiastically engage in research and education in this field.</li> </ol>
Location	Ookayama Campus (Nearest station: Ookayama)
Working Hours	De facto working hours* under the discretionary labor system for professional work: 7 hours 45 minutes per day (38 hours 45 minutes per week) *Hours considered as working hours
Term	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.

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"> <li>Annual salary examples (The amounts listed below are only examples provided in the regulations and do not relate to this position.)</li> </ul> <p>Assistant professor hired immediately after completing a doctoral degree  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	October 1st, 2023 or the earliest possible date thereafter
Closing Date for Application	Applications must be received by June 19th, 2023
Selection Process	Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an on-campus/online interview and/or give a presentation. Please note that travel expenses for attending in-person interviews will not be reimbursed.

<p>Required Documents</p>	<ol style="list-style-type: none"> <li>1. Curriculum vitae including photo, professional and educational history (from high school onward), degrees, awards, and e-mail address</li> <li>2. Accomplishment statements for each of the following categories: <ol style="list-style-type: none"> <li>a. Refereed journal papers, b. Refereed international conference proceeding papers, c. Commentaries, d. Books, e. Patents, etc.</li> </ol> <p>For lectures, state if it was a keynote or invited lecture. For refereed journal papers (item a) and refereed conference proceedings (item b), indicate the number of citations for each paper and also the h-index for all papers with the name of database used (Google Scholar Citations, Scopus, Web of Science, or Inspire).</p> </li> <li>3. Reprints or copies of up to two major publications (one copy for each)</li> <li>4. Acquired research funds <ul style="list-style-type: none"> <li>▪ Categorize the funds appropriately.</li> <li>▪ Indicate the fund name, title, period, total amount, role (principal or co-investigator), amount allotted.</li> </ul> </li> <li>5. A summary of research accomplishments and future direction/plan (one page in A4)</li> <li>6. A summary of teaching accomplishments, if any, and future direction/idea (one page in A4)</li> <li>7. Social activities such as those as a member of international and academic committees</li> <li>8. Two references with names, affiliations, and contact details including e-mail.</li> <li>9. Data files: Fill in the following two forms: <ul style="list-style-type: none"> <li><a href="http://www.mech.e.titech.ac.jp/jp/koubo/applicant_data_e.xlsx">http://www.mech.e.titech.ac.jp/jp/koubo/applicant_data_e.xlsx</a></li> <li><a href="http://www.mech.e.titech.ac.jp/jp/koubo/accomplishment_statement_e.xlsx">http://www.mech.e.titech.ac.jp/jp/koubo/accomplishment_statement_e.xlsx</a></li> </ul> </li> </ol>
<p>Submission of Application</p>	<p>Combine the required documents 1 through 8 into a single PDF file, compress the PDF file and two data files (required document 9) to a zip file, and upload the zip file to the website of Tokyo Institute of Technology which is shown below.</p> <p>Please consult the contact person if you would not receive confirmation of receipt within three business days after submission.</p>
<p>Contacts</p>	<p>Professor Mamoru TANAHASHI, Department of Mechanical Engineering E-mail: <a href="mailto:solution_koubo2023[at]mech.e.titech.ac.jp">solution_koubo2023[at]mech.e.titech.ac.jp</a> (replace [at] with @)</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></ol>
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