

## Job Posting (for Professor)

Affiliation	School of Engineering
Position title	Professor
Number of Openings	1
Area of Specialization	Biomechanics based on fluid dynamics, fundamentals of fluid dynamics in medical cooperation from the cell level to the organ level, fusion fields of the above fields and AI technology such as machine learning and data assimilation etc.
Job Description	<ol style="list-style-type: none"> <li>1. In charge of the Department of Mechanical Engineering and Graduate Major in Mechanical Engineering.</li> <li>2. Education on subjects related to fluid dynamics such as fundamentals of fluid mechanics and practical fluid mechanics, and research projects in Undergraduate Major in Mechanical Engineering.</li> <li>3. Education on subjects related to the above-mentioned specialized fields in Graduate Major in Mechanical Engineering.</li> <li>4. Research in the above-specialized fields based on medicine-engineering collaboration in the Nanosystems Group/Biomedical Fusion Field of the Department of Mechanical Engineering.</li> <li>5. Research guidance for undergraduate/graduate students in the laboratory of the Department of Mechanical Engineering.</li> <li>6. Administrative work mainly in the Department of Mechanical Engineering and the Graduate Major in Mechanical Engineering.</li> </ol>
Qualifications	<ol style="list-style-type: none"> <li>1. Applicants must hold a Ph.D. or have equivalent experience.</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	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"> <li>● Annual salary examples (The amounts listed below are only examples provided in the regulations and do not relate to this position.) <ul style="list-style-type: none"> <li>▪ Professor who has 15 years of work experience after completing a doctoral degree.</li> </ul> </li> </ul> <p>Standard: JPY 9,400,000  Minimum*: JPY 8,600,000  Maximum*: JPY 10,700,000  *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 <sup>st</sup> , 2024 or the earliest possible date thereafter
Closing Date for Application	Applications must be received by October 27 <sup>th</sup> , 2023
Selection Process	<p>Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an on-campus interview and/or give a presentation.</p> <p>Please note that travel expenses for attending in-person interviews will not be reimbursed.</p>
Required Documents	<p>List of 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 email address.</li> <li>2. Accomplishment statement, including: <ol style="list-style-type: none"> <li>a. Refereed journal papers</li> <li>b. Refereed conference proceedings and non-refereed conference proceedings</li> <li>c. Commentaries</li> <li>d. Books</li> <li>e. Patents, etc.</li> </ol> </li> </ol> <p>Please include details for each category. For lectures, state if it was a keynote or invited lecture.</p>

	<p>For items a. and b., include the number of citations, h-index, and name of database* used. *Google Scholar Citations, Scopus, Web of Science, or Inspire</p> <ol style="list-style-type: none"> <li>3. Up to three reprints or copies of major publications (one copy for each publication)</li> <li>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)</li> <li>5. 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)</li> <li>6. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (free form, two A4 pages)</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</li> <li>9. Data file: Fill in the following form: <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> </ol>
<p>How to Submit an Application</p>	<p>Combine the required documents 1 through 8 into a single PDF file, compress the PDF file and a data file (required document 9) to a zip file, and upload the zip file to the website of the Tokyo Institute of Technology: <a href="https://tokyotech.app.box.com/f/064c05414bfc4da8b8bceeb7fc9a89e2">https://tokyotech.app.box.com/f/064c05414bfc4da8b8bceeb7fc9a89e2</a></p>
<p>Contacts</p>	<p>Professor Mamoru TANAHASHI, Department of Mechanical Engineering E-mail: nsbm_koubo2024[at]mech.e.titech.ac.jp (replace [at] with @)</p>
<p>Other</p>	<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. Questions regarding the applicability of the "Specific Categories" under the Foreign Exchange and Foreign Trade Act may be asked during the selection process.</li> <li>5. For more information, please refer to the following link. <a href="https://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en">https://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en</a></li> </ol>