

## Job Posting (for Assistant Professor)

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| Affiliation*           | School of Engineering  |
| Position title*        | Assistant Professor  |
| Number of Openings*    | 1  |
| Area of Specialization | <p><b>Research field: Based on the fundamental theory and technology such as kinematics of machinery</b>, design and integration of advanced mechanical system by utilizing cutting-edge theory or technology from interdisciplinary fields, such as ergonomics, artificial intelligence, data science, etc.</p> <p><b>Example research applications:</b> human-machine system; rehabilitation robot; assistive device</p> <p><b>Keywords:</b> kinematics of machinery; mechanism; mechanical design; robotics; mechatronics; human-machine system; human-centric design; assistive device; human augmentation; rehabilitation; inclusive design</p> |
| Job Description*       | The successful candidate will be required to engage in education, research and administration for the Department of Mechanical Engineering (Robotics Filed in Human Centric Group)   |
| Qualifications*        | Applicant must hold a Ph. D. degree, be near to completion of a PhD at the job starting date. Proficiency in Japanese or English language is required. The applicant should indicate strong interests and experienced skills in the above-mentioned area of specialization.  |
| Location*              | Ookayama Campus<br>Nearest station: Ookayama   |
| Working Hours*         | De facto working hours* under the discretionary labor system for professional work:<br>7 hours 45 minutes per day (38 hours 45 minutes per week)<br>*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*                | 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  |

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|                                      | will be based on performance evaluations in subsequent years. A retirement allowance will be paid separately at the time of retirement.   |
| 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 1st, 2022 or the earliest possible date thereafter  |
| Closing Date for Application*        | Applications must be received by November 1st, 2021   |
| Selection Process                    | 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. Please note that travel expenses for attending interviews will not be reimbursed.   |
| Required Documents*                  | <p>Please finalize the following material in A4 paper size</p> <ol style="list-style-type: none"> <li>1. Curriculum vitae including a face photo, educational history since high school, professional history, awards, and email address.</li> <li>2. List of achievement including: <ol style="list-style-type: none"> <li>a. Refereed journal papers</li> <li>b. Refereed conference proceedings with full paper</li> <li>c. Other conference presentations</li> <li>d. Commentary articles</li> <li>e. Books</li> <li>f. Patents</li> <li>g. Social and academic activities, etc.</li> </ol> </li> <li>3. h-index and its source of database (Google Scholar Citations, Scopus, Web of Science, Publons). A copy of the screenshot displaying the h-index on the database is acceptable.</li> <li>4. Up to two reprints or copies of major publications (one copy for each publication)</li> <li>5. Summary of previous research and plan for future research (two pages or less)</li> <li>6. Motivation and plan for education (one page)</li> <li>7. Acquisition of external competitive funds. Please clarify the principal investigator of each fund.</li> <li>8. Two references with names, affiliations, and contact details</li> <li>9. Two Excel files for the applicant information and list of achievement</li> </ol> <p>The formats are available at the URLs below.</p> <p>- Applicant information:<br/> <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></p> |

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|                               | <p>- List of achievement (items from I. and II. of the 2.)<br/> <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></p> <p>*Prospective young researchers who have just completed the PhD degree are also welcome.</p>  |
| How to Submit an Application* | <p>The above required documents from (1) to (8) must be combined to a single PDF file. Please submit the pdf file and the two Excel files of (9) to <a href="mailto:robotics_koubo2021@mech.e.titech.ac.jp">robotics_koubo2021[AT]mech.e.titech.ac.jp</a> (replace [AT] with @) via Email as attachment files. The subject of the Email should be "Application-<i>LastName.GivenName</i>," where <i>LastName</i> and <i>GivenName</i> are those of the applicant, respectively.</p> <p>Please contact us before submission if the total file size exceeds 10MB.</p> <p>If the confirmation of receipt does not arrive within three business days after submission, please contact us.</p>   |
| Contacts*                     | <p>Yukio Takeda, Professor, Department of Mechanical Engineering, School of Engineering</p> <p>Email: <a href="mailto:robotics_koubo2021@mech.e.titech.ac.jp">robotics_koubo2021[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.<br/> <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> |