

Assistant Professor Application, Tokyo Univ. of Agri. & Tech.

1. Job Openings: 1 Assistant Professor (Full time)

2. Affiliations:

Department of Biomedical Engineering, Faculty of Engineering (Division of Advanced Applied Physics, Institute of Engineering)

3. Duties and research field:

- To supervise experimental practice and research of undergraduate students.
- To conduct education and research of graduate students.

We are looking for candidates, who can tackle challenging themes in collaboration with Prof. Kohji Masuda, in either of the following research fields.

- Those who have experience in measurement and signal processing using ultrasound, to develop interdisciplinary research such as minimally invasive treatment, drug delivery, or regenerative medicine applications in collaboration with medical institutions.
- Those who have experience in medical image processing such as deep learning or image recognition methods, and are interested in developing non-invasive treatment using ultrasound collaborated with information technology.

4. Eligibility:

Applicants must possess a doctorate degree or be able for a degree by the time of appointment.

5. Start date: January 1, 2025, or as early as possible.

6. Term of office:

5 years. The reappointment is possible once after the review. The term of office for the reappointment is less than 5 years. The total period is up to 10 years.

7. Location: Koganei Campus, Tokyo Univ. of Agri. and Tech.

8. Documents to be submitted:

- (1) Curriculum vitae (with photo, office address, and e-mail address)

- (2) Publication list (original papers, conference papers, commentaries, books, external funding, etc.)
- (3) List of international conference presentations
- (4) Not more than 5 reprints or copies of major papers
- (5) Outline of present research activities, description of proposed research and teaching statement (About 2 pages of A4 size paper)
- (6) Names and contact information of two references

In (1), please use the template to be downloaded through the following URL.

https://www.tuat.ac.jp/en/outline/kyousyoku/kyouin/curriculum_vitae.html

Above all documents must be combined by a single PDF file. Please submit the file through the JREC-IN Portal. The application materials will be used for the selection process only.

9. Applications Due: September 24, 2024 (Tuesday)

10. Selection:

The selected candidates on the review of the documents will be interviewed. The travel expenses must be paid by the applicants. Based on the Foreign Exchange and Foreign Trade Act, TUAT conducts security checks when hiring new staff. We, therefore, ask you to provide information necessary for the security check. As a result of reviewing the information, if the applicant falls under any regulatory requirements, we may ask you to change the scope of your desired education and research. Additionally, if the Ministry of Economy, Trade and Industry disapproves TUAT's request to approve your acceptance, our offer to you may be cancelled.

11. Contact:

- (1) Administrative matters: Prof. Kenji Ikushima (ikushima@cc.tuat.ac.jp)
- (2) Duties and research fields: Prof. Kohji Masuda (ultrason@cc.tuat.ac.jp)

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