

# Application Guidelines for Associate Professor (Tenure Track), The Department of Applied Physics and Chemical Engineering, Tokyo University of Agriculture and Technology

## 1. Overview

The Department of Applied Physics and Chemical Engineering, Tokyo University of Agriculture and Technology (TUAT) invites applications for an associate professor (tenure-track) position in quantum technology and related fields. The term of tenure-track is five years.

The appointee will be affiliated with the Institute of Engineering and will run an independent research group (lab). The appointee will receive preferential treatment in the allocation of start-up funds for the initial launch of the lab and in administrative support etc. In addition, the workplace provides an environment in which the appointee can concentrate on his / her research, reducing the burden of classes (lectures) and administrative work. The appointee is expected to give class(es) in their field of expertise and guide graduate students within the research group. The tenure review is conducted in the third and fifth years of the tenure track period. If the evaluation indicates that the appointee is appropriate, she/he will be promoted to a tenured position. The appointee who makes significant achievements may be promoted to a tenured position in the third year. Under the TUAT tenure-track system, we guarantee tenured position for all who deserve it. The evaluation criteria will be established within six months after appointment, and the tenure review evaluates the appointee's contribution to research and education. As described later, the salary of the tenure-track appointee is about the same as tenured faculty.

## 2. Recruitment Field

TUAT is seeking an outstanding individual in quantum technology and related research fields. The successful candidate is expected to have good prospects for tackling global challenges such as energy, the environment, and new materials, which are the main research and educational focus of the Department of Applied Physics and Chemical Engineering.

## 3. Qualifications

Applicants need to meet all of the following qualifications.

- 1) An applicant with a doctoral degree (Ph.D.) who has completed over 5 years of higher education in countries other than Japan or who has over 5 years of research experience at research institute(s) in countries other than Japan.

※As for evaluation criteria of years of study in countries other than Japan, see the table below. ("J" for study in Japan. "A" for study in countries other than Japan)

If an applicant completed a degree earlier, it's considered that the applicant has completed a standard period of study.

Even if the candidate is N/A (not applicable), if he/she has more than 5 years of research experience at a research institution outside Japan, etc., he/she will be eligible.

Degree	years	Ex. 1	Ex. 2	Ex. 3	Ex. 4	Ex. 5	Ex. 6	Ex. 7
Bachelor	4 years	J	A	A	A	J	J	J
Master	2 years	A	A	J	J	A	J	J
PhD	3 years	A	J	A	J	J	A	J
Applicable or not		OK	OK	OK	N/A	N/A	N/A	N/A

- 2) Within ten years after obtaining a doctoral degree (Ph.D.) at the time of appointment
- 3) Ability to conduct international joint research and to write internationally co-authored papers.
- 4) Enthusiasm and capability to get research funds from countries other than Japan.

Japanese proficiency is not required at the time of appointment.

#### 4. Selection policy

TUAT's selection process emphasizes the following elements:

- Whether the candidate has produced internationally recognized, outstanding achievements in the research fields.
- Whether the candidate can contribute to education in our department (undergraduate) and the graduate school.
- Whether the candidate is engaged in original research that has social impact.
- Whether the candidate can contribute to international joint research and publish internationally co-authored papers.

In addition, to promote diversity and inclusion at TUAT, we will actively recruit researchers from countries other than Japan.

#### 5. Startup and Research Budgets, Research Space

The appointee will be provided with 9 million yen (4.5 million yen for the first year and another 4.5 million yen for the second year) as a startup fund. For the remaining years, annual research budget equal to that of the tenured faculty will be provided. Independent research space (lab) will be allocated.

The employment of an administrative assistant (group/lab secretary) will be financially supported. TUAT can help the appointee improve his/her Japanese language proficiency during the tenure-track period.

#### 6. Additional Duties and How Tenure is Granted

It is desirable for the appointee to advance research that will lead to international joint research or internationally co-authored papers.

Mid-term evaluation is conducted in the third year of appointment; Especially outstanding appointee will be promoted to tenured position at this time. A final evaluation will be conducted in the fifth year. Under the tenure-track system, TUAT guarantees tenured positions to all who

deserve it; Those who have achieved excellent performances will all be promoted to tenure. Those who fail to pass the final evaluation will resign at the end of the tenure-track period but will be permitted to enroll at TUAT as a project associate professor for up to one year.

## **7. Teaching Profession**

As a future tenured faculty member, the appointee will be responsible for the education of TUAT students. Therefore, there is a requirement to give class(es) in their field of expertise as well as to guide graduate students in their research activities.

## **8. Salary**

The annual salary will be from about 6,300,000 to 7,000,000 yen. This is roughly equivalent to the salary of tenured associate professors, and the exact amount is determined based on the TUAT regulations, considering the appointee's previous career and achievements.

## **9. Institute of Affiliation and Place of Work**

Affiliation: Institute of Engineering, Tokyo University of Agriculture and Technology

Institution name: Tokyo University of Agriculture and Technology

Type of institution: National University Corporation

Location: 3-8-1 Harumi-cho, Fuchu-shi, Tokyo 183-8538, Japan

Place of work:

Koganei Campus, 2-24-16 Naka-cho, Koganei-shi, Tokyo 184-8588, Japan

Type of job: Associate Professor

Working arrangements: Full time

## **10. Duration of Tenure-track Period**

Five years from the time of the appointment

(If the appointee is found to satisfy certain criteria in the tenure evaluation based on the performance of research and teaching during the tenure-track period, the appointee will be promoted for tenure)

## **11. Time of Appointment**

As early as possible after October 1, 2022.

## **12. How to Apply and Documents Required**

Please submit the application documents listed below to the following contact email address. A confirmation email will be sent back. We will not accept applications by postal mail. Before applying, make sure to read the information below.

Personal information relating to applications will be handled in accordance with the Personal Information Protection Law and the TUAT regulations. The application will not be disclosed; However, it may require inquiries for the selection process. Note that the application documents will not be returned.

### **<Application Documents>**

- 1) Application form (Please attach a photograph. Download the below form, convert it to PDF then submit it.)

Link to the application form:

[https://drive.google.com/drive/folders/1R9ExCxtP9\\_4osdQgEzqKpilQJle\\_OswM?usp=sharing](https://drive.google.com/drive/folders/1R9ExCxtP9_4osdQgEzqKpilQJle_OswM?usp=sharing)

- 2) Photographic portrait (JPG) (if it cannot be attached to the application form)
- 3) Reprints of major publications (PDF) (up to 5; at least 1 is required)
- 4) Summary of past research results (PDF) (in English, up to two pages of A4 format including figures)
- 5) Overview of research plan at TUAT (PDF) (in English, up to two pages of A4 format including figures)
- 6) Educational achievements and plan (PDF) (in English, up to one page of A4 format)
- 7) Recommendation letters, if available (PDF) (on A4-size paper, free format, either signed or sealed by the recommender. The recommendation letter can be written in Japanese.)

### **Notes**

- 1) The application documents may be sent in multiple emails to reduce the data size of each email.
- 2) Recommendation letters should be sent directly from the recommenders to the following contact email address.

## **13. Deadline for Application**

**June 15, 2022, 11:59 p.m. (Japan time)**

## **14. Selection Schedule**

Pre-selection (application document review): mid-June, 2022

Final selection (interview): June 25, 2022 (tentative)

Appointment: After October 1, 2022

## **15. Inquiries** (including contacts for general questions on application)

e-mail: [ttap-u2022-groups@go.tuat.ac.jp](mailto:ttap-u2022-groups@go.tuat.ac.jp)

Prof. Wuled Lenggoro, Chair of personnel committee for associate professor (tenure-track) in Department of Applied Physics and Chemical Engineering

Department's websites:

<http://tuat-chemphys.net>

<https://www.tuat.ac.jp/en/department/engineering/chemphys/>