

## **The University of Electro-Communications (UEC)**

### **Job Openings: Tenure Track Associate Professor**

(Sustainable Manufacturing (Industrial Engineering and Sustainable Development Goals (SDGs) for Goal 13: Carbon Neutrality and Goal 12: Sustainable Consumption and Production))

UEC is accepting applications for tenure-track associate professors based on the UEC tenure track system to motivate outstanding young researchers.

Under this system, the employment period is five years from the date of hiring, with an interim evaluation in the third year and a final tenure review in the fifth year. Successful candidates will be granted tenure status as an associate professor.

If the interim evaluation or research result shows that the candidates have made outstanding achievements, the tenure track period may be shortened to grant early tenure status or they may be granted tenure status as a full professor.

Note: Please refer to the following URL for general information on the UEC's tenure-track system.

[http://www.uec.ac.jp/eng/research/activity/uec\\_tenure\\_track/index.html](http://www.uec.ac.jp/eng/research/activity/uec_tenure_track/index.html)

#### **1. Title and number of position**

Associate professor (full time), One position

#### **2. Affiliation after the employment**

Management Science and Social Informatics Program, Department of Informatics, Graduate School of Informatics and Engineering and Cluster I (Informatics and Computer Engineering), School of Informatics and Engineering

#### **3. Fields of specialty**

Sustainable Manufacturing, related to Industrial Engineering and SDGs for Goal 13: Carbon Neutrality and Goal 12: Sustainable Consumption and Production, to solve economical and social issues simultaneously

#### **4. Desired talent**

Candidate professors are expected to work with UEC as follows:

- Sympathize and work with the realization concept for “co-creative evolutionary smart society” proposed by UEC.

- Implement and demonstrate his or her research outcome for the above-mentioned SDGs #12 and #13 based on “UEC super sustainable platform”, i.e., an enabling platform for the smart society.
- For example, he or she tries to implement and demonstrate the developing research outcome autonomously for the sustainable manufacturing based on a data analysis obtained from spaces on a constructed platform, and work with related people on and off UEC campus.

Note: Please watch the following video (see URL below) for “co-creative evolutionary smart society”, their challenges throughout the university and “UEC super sustainable platform”. Here, the UEC super sustainable platform means an autonomous developing platform to realize “platform functions of cities” explained in No. 8 slide in the video.

<https://www.uec.ac.jp/about/advertisement/movie/index.html>

## **5. Responsible subjects**

Several subjects from lectures, experiments and exercises in Graduate School, Undergraduate School and Fundamental Program for Advanced Engineering such as Advanced Manufacturing Systems Engineering, Introduction to Operations Research and Financial Engineering related to Industrial Engineering Fields

## **6. Eligibility for application**

- 1) Candidates must have a doctoral degree in the above-mentioned field at the time of appointment, and promote excellent research.
- 2) Candidates must be capable of conducting independent and creative research.
- 3) A doctoral degree was obtained approximately 8 years prior to application.
- 4) Postdoctoral experience or equivalent is preferable.
- 5) Candidates are expected to be capable of guiding students in Japanese.

## **7. Start of employment**

October 1st, 2024 (or later at the earliest possible date.)

## **8. Term of employment and Employment status**

- 1) Term of employment (tenure-track period):
  - The tenure-track period will last 5 years from the date of hiring. Once tenure is granted, a candidate’s title will be an associate professor. If the interim evaluation or research result shows that the candidate has made outstanding achievements, the tenure track period

may be shortened to grant early tenure status or they may be granted tenure status as a full professor.

In case tenure is not granted at the 5th year, up to a maximum of 2 more years of non-tenure-track employment period can be added, which would serve as a preparatory period to look for outside opportunities.

- The tenure-track period can be extended if you take childcare, prenatal, postnatal, or nursing care leave. In this regard, the implementation of both the tenure interim evaluation and examination can be changed within the extended term. However, the total tenure-track period from the hiring date should be within a maximum of 10 years.

2) Employment status: Full-time research and education employee

3) Place of employment: The University of Electro-Communications (1-5-1 Chofugaoka, Chofu, Tokyo) Measures for indoor passive smoking have been taken.

4) Work hours: Discretionary Labor System for Professional Work

Based on standard work hours of 7 hours and 45 minutes during 8:30am-5:15pm, an individual employee may decide how his/her schedule will fit into a work day.

5) Holidays: Saturday, Sunday, holidays prescribed by the National Holiday Act, New Year's holiday, and the days designated by UEC.

However, if an employee teaches a night course of the Fundamental Programs for Advanced Engineering that is offered on Saturday, the day off should be taken on one of the weekdays instead. For securing the number of credit hours, an employee may need to work on public holidays.

6) Paid holidays: Annual paid holidays, special leave, childcare leave, and nursing care leave

7) Insurances: Health insurance/pension (the Monbukagakusho Mutual-Aid Association insurance), employment insurance, and worker's compensation insurance

8) Others: Measures for indoor passive smoking have been taken in UEC campus.

## **9. Expected educational activities**

This tenure-track associate professor must be highly motivated to educate. Teaching graduate/undergraduate classes and giving research guidance to students will also be evaluated factors in the tenure-qualification review.

## **10. Salary and research fund**

1) Salary: Annual salary based on the UEC Employee's Salary Regulation

2) Research fund: The associate professor's research expenses according to the university rule.

## **11. Documents for submission**

1) Application form: (photo, resume, list of research achievements)

Please download and fill in the Application Form.

[https://www.uec.ac.jp/about/advertisement/pdf/oubo\\_sinseisyo\\_e3.pdf](https://www.uec.ac.jp/about/advertisement/pdf/oubo_sinseisyo_e3.pdf) (PDF file)

[https://www.uec.ac.jp/about/advertisement/date/oubo\\_sinseisyo\\_e3.docx](https://www.uec.ac.jp/about/advertisement/date/oubo_sinseisyo_e3.docx) (MS-word file)

2) Reprints or copies of five or less major research papers or articles

3) Outline of research achievements up to two pages of A4-sized paper

4) Research plan in UEC: up to 2 pages of A4 sheet

5) Teaching experience and statement of resolution to carry out university education: up to 2 pages of A4 sheet

6) Statement of your contributions to realize a “co-creative evolutionary smart society” in our university (free format, up to 1 page of A4 sheet)

7) References

Submit three references, one of whom must be a resident of Japan, and one with a residence outside of Japan. Provide reference name, affiliation/company, your relationship, and contact information, including e-mail address.

## **12. Submission of application documents**

Online Submission through the following site:

<https://www.inf.uec.ac.jp/kobo/>

Each document should be prepared as pdf files. Please merge pdf files for the documents 3), 4), 5) and 6) into a single document pdf file when you upload the files by the online submission system.

Additionally, please notify the contact personnel shown in section 15 by E-mail that you have sent the application documents to us by the online submission. The application documents are not subject to return and will not be used for purposes other than this selection.

## **13. Application Deadline**

The deadline for submitting the application is 17:00 on February 29, 2024 (Japan Standard Time)

## **14. Selection Procedure**

The oral interview will be conducted for only those applicants who have passed their document screening.

Please note that applicants are responsible for the expenses incurred for an interview.

An online interview is available for applicants from outside of Japan.

In case of request to undergo an online interview, please contact the following shown in section 15.

## **15. Contact**

Prof. Tetsuo Yamada

Program Chair of Management Science and Social Informatics, Department of Informatics,  
Graduate School of Informatics and Engineering

The University of Electro-Communications

E-Mail: tyamada@uec.ac.jp

## **16. Others**

- All faculty members of UEC belong to the Academic Institute where individual faculty members are assigned to specific departments or centers.

- Based on an aim to engage in the target value that is described in the Council for Science, Technology and Innovation (Cabinet office, Government of Japan), the government is acting to achieve a ten percent increase in the number of young researchers under 40 years of age, and hopes to increase this number by over thirty percent in the overall higher educations for the future. UEC is recruiting well-qualified young researchers in order to foster them and accelerate their dynamic research activities. For more information, please refer to the following URL:

<https://www8.cao.go.jp/cstp/tougosenryaku/index.html>

- To further promote gender equality and diversity measures, UEC endeavors to increase the number of female faculty members through an effort to ensure women-friendly working environment such as activities in consideration of work-life balance and supports for Research Career Advancement. For further information, please refer to the following link.

<http://www.ge.uec.ac.jp/en/>