

The University of Electro-Communications (UEC)

Job Openings: Tenure-Track Assistant Professors

(Integrated Manufacturing System)

Opening for a tenure-track assistant professor. Under the tenure-track system, the employment period (tenure-track period) is 5 years from the employment date. The successful candidate must be recognized for their outstanding academic capabilities after undergoing an interim evaluation in the third year and a tenure qualification review in the fifth year, to be granted tenure status (permanent employment) and promotion to associate 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

1. Title and number of position openings

Assistant professor (full-time), 1 open position

2. Affiliation/Department

Mechanical Systems Program

Department of Mechanical Engineering and Intelligent Systems

Graduate School of Informatics and Engineering

3. Recruitment field

Integrated Manufacturing System. For example, development of new production goods (machine tools, industrial robots, tools, etc.) and their application technologies, intelligence of machine tool and industrial robot, development of manufacturing software technologies (CAD/CAM/CAE), systematization using IoT and AI technique, edge computing, mass customization support, globalization support, cyber physical production system, development of smart factory

4. Subject in charge

The successful applicant may be requested to take charge of basic experiments, fundamental courses, or specialized fundamental courses for undergraduate students. (For details, please refer to the following URL (Japanese only).)

<http://www.uec.ac.jp/campus/academic/syllabus.html>

<https://www.uec.ac.jp/education/undergraduate/curriculum.html>

<https://www.uec.ac.jp/education/undergraduate/cluster3/curriculum.html>

5. Qualification requirement

- 1) Candidates must possess a doctorate degree by the date of employment and must be advanced in research in the above fields.
- 2) Candidates must be capable of conducting independent, creative research.
- 3) The doctorate degree must be one that was obtained in the last 10 years.
- 4) Postdoctoral experience or equivalent is preferable.
- 5) Candidates are expected to be capable of guiding students in Japanese.

6. Start of employment

October 1, 2021 (or later at the earliest possible date.)

7. Term of employment and employment status

- 1) Terms of employment (tenure-track period):

- The tenure-track period will last 5 years from the start of employment. 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-shi, Tokyo)

- 4) Work hours: Discretionary labor system

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 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 (the Monbukagakusho Mutual-Aid Association Insurance), national pension, employment insurance, and worker's compensation insurance

8. Expected educational activities

This tenure-track assistant 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.

9. Salary and research fund

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

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

10. Documents for submission

1) Application form: (Photo, Resume, List of research achievements)

Please download and fill in the Application Form.

http://www.uec.ac.jp/about/advertisement/pdf/oubo_sinseisyo_e.pdf (PDF file)

http://www.uec.ac.jp/about/advertisement/date/oubo_sinseisyo_e.doc (MS-word file)

2) Main authored work (up to 5 papers: duplicates are acceptable)

3) Outline of research achievement: up to 2 pages on an A4 sheet

4) Outline of research plan in UEC: up to 2 pages on an A4 sheet

5) Teaching experience and your goals in education: up to 2 pages on an A4 sheet

6) The names, affiliations, contacts (including e-mail address) and relation of two references.

11. Instructions for submission

Online Submission through JREC-IN Portal web application system:

https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=3&dt=1&id=D121030148&ln_jor=1

Only when the online submission is unavailable, the required documents must be submitted both in hard copy and in digital media (USB flash drive or CD-R / DVD-R) storing the documents in PDF format. Applications should be sent to the following address via registered (postal) mail. We do not accept submissions via e-mail. Submitted application documents and digital media will not be returned.

Prof. Yoichi Miyawaki

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Graduate School of Information and Engineering
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(Please write, “Application for Faculty Position in the Field of Integrated Manufacturing System” in red on the envelope’s surface and send it by registered mail “簡易書留” if dispatched within Japan. Meanwhile, please inform us by e-mail that application documents are on their way to us.)

12. Application deadline

Application documents must arrive by 17:00 on June 4, 2021 (Japan Standard Time)

13. Selection procedure

Candidates who pass the application screening will be requested to come to the UEC for an interview at their own expense. The interview may be held by online via Zoom, etc for those who live outside Japan.

According to the situation of COVID-19, we may conduct online interview including domestic applicants.

14. Contact

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15. Others

All UEC faculty members belong to the Academic Institute and are assigned to the graduate/undergraduate school or center.

•Based on an aim to engage in the target value that is described in the 5th Science and Technology Basic Plan in fiscal year 2016–2020 (Cabinet office, Government of Japan, 2016), 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/kihonkeikaku/index5.html>

▪UEC actively promotes gender equality and is making efforts to create a diverse workplace environment, especially in ensuring that female members' work–life balance and research career development meet their needs.

For more information, please refer to the following:

URL:<http://www.ge.ucc.ac.jp/>