

The University of Electro-Communications
Job Openings: Tenure Track Assistant Professors
(Design Informatics)

The University of Electro-Communications (UEC) invites applications for Tenure Track Assistant Professors.

In this tenure track system, the term of employment is five years from the start of the employment. During this period, newly employed assistant professors will receive an interim review in the third year of their employment, followed by a tenure review in the fifth year of the employment, and if their track record on research and other relevant factors are recognized to be exceptionally superior, they will be awarded the tenured status (i.e., guaranteed employment until the mandatory retirement) from the university as well as the promotion to associate professorship.

Note: Please refer to the following URL for general information on the tenure track program at UEC.

http://www.uec.ac.jp/eng/research/activity/uec_tenure_track/index.html

1. Title and number of position

Assistant professor (full time), One position

2. Affiliation after the employment

Department of Mechanical Engineering and Intelligent Systems

Graduate School of Information and Engineering

3. Fields of specialty

Design Informatics. (Academic fields supporting the design, manufacture, and maintenance of mechanical systems based on advanced information technology such as geometry processing, remote sensing, artificial intelligence, virtual reality, IoT, and big data analysis. For example, smart design and production of mechanical systems, design engineering, maintenance engineering, CAD / CAM, digital engineering, life cycle engineering, and so on.)

4. Responsible subjects

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. Eligibility for application

1). Applicants must apply for “Leading Initiative for Excellent Young Researcher (LEADER)” program.

http://www.mext.go.jp/a_menu/jinzai/takuetsu/index.htm

2). Applicants are required to hold a doctorate degree, or to have acquired all the predetermined credit in graduate school doctoral programs for the standard term of study and completed the doctoral program without having a doctoral degree by the date of employment.

3). Applicants must be advanced in research in the above fields, and be capable of conducting creative research independently.

4). Applicants are expected to be capable of guiding students in Japanese.

6. Start of employment

October 1, 2019 (or later at the earliest possible date.)

7. Period of employment

Five years from the start of the employment. If the tenure is not granted, however, maximum of two years may be added to the period of employment in order to provide preparation time for transfer.

8. Expected teaching activity

Applicants must be highly motivated for teaching. And your contribution in teaching made through the lectures in undergraduate or graduate courses as well as research supervision for undergraduate or graduate students will be also a subject for evaluation in the reviews.

9. Salary, research fund, etc.

1). Salary: Annual Salary System (Based on rules of the University of Electro-Communications)

2). Research fund: In addition to the regular research fund allocated to faculty members according to the university rule, the research fund based on LEADER program guideline will be granted to the successful applicant in the first and second year of the employment if he/she will be selected as the candidate of LEADER Program.

10. Documents for Submission

Applicants must apply to become a candidate of LEADER program through the electronic application system run by Japan Society for the Promotion of Science (JSPS) between March 22, 2019 (Fri) and April 24, 2019 (Wed). In addition, all required documents listed below should be sent to our address stated in Section 11 by June 7, 2019 (Fri).

UEC requests every applicant to make an “advance notice” (Negotiation between UEC and each applicant before selected as a candidate of LEADER program). We will consider the advance notice has been made when we receive the following application documents.

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) Research papers (up to 5 papers: duplicates are acceptable)

3) Outline of research achievements: up to 2 pages of A4 sheet

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

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

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

7) 2019 LEADER program Application Form (Form 1, including Form 1 Attachment)

8) 2019 LEADER program Research Proposal (Form 2)

* 7) and 8) are documents you make to apply for a candidate of LEADER Program.

9) Electronic data (PDF files) of the documents 1) ~ 8) by CD or USB-Memory.

10) An envelope (on which address of the applicant is written with a stamp) for sending the letter of notifying our decision.

11. Instructions for Submission

Application documents must be sent to the following address by postal mail. Application documents are not subject to return. The application documents will not be used for purposes other than this selection.

Prof. Aiguo Ming

Department of Mechanical Engineering and Intelligent Systems

Graduate School of Information and Engineering

The University of Electro-Communications

1-5-1 Chofugaoka, Chofu City, Tokyo 182-8585 Japan

(Please write “Application documents for faculty position in the field of Design Informatics” on the envelope in red ink, and it should be sent by Simplified Registered Mail. Also please notify the contact personnel as shown in section 14 by E-mail that you have sent the application documents to us.)

12. Application Deadline

Application documents must arrive by 17:00 June 7, 2019 Japan Standard Time

13. Selection Procedure

If you pass the screening of application documents, you will be requested to come to the UEC for an interview. Please note that transportation for the interview will be at your own expense.

14. Contact

Prof. Hiroshi Masuda

Department of Mechanical Engineering and Intelligent Systems

Graduate School of Information and Engineering

The University of Electro-Communications

E-Mail: h.masuda@uec.ac.jp

15. Others

- All faculty members of UEC belong to the Academic Institute, through which 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 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:

<http://www8.cao.go.jp/cstp/kihonkeikaku/index5.html>

- Under the principle of The Basic Law for a Gender-Equal Society, UEC is aiming to increase the number of female faculty members through an effort to provide working environment that is friendly to female employees, such as Work-Life Balance Support and Support for Research Career

Advancement. Female candidates are strongly encouraged to apply. For more information please refer to the following URL:

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