

## **Assistant Professor (fixed term)**

### **Graduate School of Engineering, Nagoya Institute of Technology, JAPAN**

**1. Position**     One fixed term (five years)   Assistant Professor

**Notes:** During the fixed term, he/she can apply for a tenure position.

A tenure position will be granted on the basis of multi aspects such as education, research, campus activities and social contribution of an applicant.

#### **2. Duties**

- 1) Teaching subjects related to electric/electronic circuits, electromagnetism, control engineering, power electronics and electrical machinery.
- 2) Supervising undergraduate final year research project and assisting in the supervision of graduate student research.

All the faculty members are responsible for general education classes. Therefore, please be aware that you may be assigned to these subjects.

- 3) Conducting researches in the fields of power electronics and electrical machinery (high frequency power converter using Wide Band Gap (WBG) switching devices such as SiC and GaN, and design of electrically and mechanically integrated systems for electrification coupling high frequency power converters and electric motor drives).

#### **3. Qualifications**

- 1) Young people with a doctorate degree or an expected doctorate degree
- 2) Enthusiasm for teaching and studying power electronics, electrical machinery and their industrial applications
- 3) Experience in the development of hardware or software for high frequency power converters.
- 4) An adequate command of Japanese to manage daily university works

**4. Salary and Benefits** will be determined according to the university regulations.

Annual salary system will be applied.

**5. Starting date:** April 1, 2026

#### **6. Application materials**

- 1) A full statement of Curriculum vitae
- 2) A complete list of academic achievements (books, refereed articles in journals and proceedings, invited lectures, patents, awards, etc.)
- 3) Copies of three major publications

- 4) A list of research funds the applicant acquired (full name of the funding scheme, duration of the funds, amount granted, name of the principal investigator of the project, etc.)
- 5) A concise description of past research: approximately 500 words.
- 6) An essay outlining your philosophy of teaching and future research: approximately 500 words.
- 7) Contact information of two references

**7. Application Deadline:** No later than September 26, Friday.

**8. Send the application materials to:**

Professor Takashi KOSAKA

Nagoya Institute of Technology

E-mail: [kosaka.takashi@nitech.ac.jp](mailto:kosaka.takashi@nitech.ac.jp)

**Notes**

1) Application materials in English or in Japanese are acceptable.

2) Submission by e-mail

The subject of the e-mail should be "Job Application for A Faculty Position."

When attaching application materials, please convert the application materials into a PDF format and set up a password. Please make sure that the password will be sent separately from the e-mail with the PDF file. If applicants do not receive any receipt notification from the Nagoya Institute of Technology, please contact the person in charge written above.

3) NITech promotes diversity, including gender equality, in its effort to enhance the university environment for education, research and employment. In the faculty recruitment selection, if the overall performance (research achievements, education performance, social contribution, etc.) and personal evaluation are recognized as equivalent to those of other candidates, we actively seek to hire diverse candidates regardless of gender or nationality.

4) The personal information related to the screening will be treated properly based on the Personal Information Protection Law and Nagoya Institute of Technology's provision. However, in the screening process, personal information would be inquired. Upon agreement and acceptance of the requirements, please apply for this position.

5) For further information, please contact Prof. Takashi KOSAKA by e-mail.

E-mail: [kosaka.takashi@nitech.ac.jp](mailto:kosaka.takashi@nitech.ac.jp)