

**Nagaoka University of Technology**  
**Application for a Tenure-Track Position at Associate Professor Level**

Ever since its foundation in 1976, Nagaoka University of Technology (NUT) has been strongly pursuing Industry-Academia collaboration and achieving a very high reputation in advanced researches. In 2007, NUT was adopted in “Improvement of research environment for young researchers” project under the Special Coordination Funds for Promoting Science and Technology from the Ministry of Education, Culture, Sports, Science and Technology Japan (MEXT). Since then, NUT accepted 20 young researchers at tenure-track positions. In order to continue and extend this program, NUT invites a tenure-track associate professor who can promote Industry-Academia collaboration in the area mentioned below.

An appointee will be provided with an independent laboratory, and start-up and research funds including salaries for supporting staffs (postdoctoral fellows and research assistants) if necessary. An appointee will be asked to undertake the minimum academic duties necessary for his or her academic training.

The promotion to a tenured position will be made through reviews in the middle or at the end of the period of appointment. One who has achieved promising research will be promoted to a tenured position.

**1. An area of research interests in 2018.**

We invite applicants in the following research area.

Key Research Areas
<p><b>Department of Electrical, Electronics and Information Engineering:</b></p> <p>Information, Telecommunication and Control Systems mainly related to</p> <p>(A): Electrical machine (electric motor), motor drive (motor control), robotics, mechatronics and their advanced research.</p> <p>(B): Information and telecommunication network including internet of things (IoT), artificial intelligence such as deep learning and machine learning, and their advanced research.</p> <p>(C): Advanced research area in connection with (A) or (B) described above.</p>

**2. Qualifications**

Hold a doctoral (Ph.D.) degree at the time of employment, which must have been received within 10 years or be scheduled to receive a doctoral degree before the employment.

Holding research experiences at Universities/Research Institutes/Industries are desirable.

**3. Selection**

Selection procedure consists of two steps.

The first step will be done based on the application documents with following evaluation criteria: (1) establishing novel research fields which are attractive for industries, (2) creation of new industrial technologies, and (3) scientifically novel ideas and originality.

Applicants who are successful in the first stage will take an interview.

#### **4. Salary**

An annual salary system is applied to tenure-tracking employees, and the allowance will be determined based on one's experiences, skills and accomplishments.

#### **5. Startup and research budgets**

An appointee will be supported up to 10 million yen for startup and running costs in the first year, and 5 million yen for running costs in the second year. Thereafter, 2 million yen per year will be provided to cover running costs during tenure-track employment period. Salaries for a postdoctoral fellow and/or a research assistant are included in the above budgets.

#### **6. Location of an employee and job title**

Place	Cultivation Center for Young Researchers through University-Industry Joint Research
Institution	Nagaoka University of Technology
URL	<a href="http://www.nagaokaut.ac.jp/j/annai/NUT-toprun/NUT-toprun.html">http://www.nagaokaut.ac.jp/j/annai/NUT-toprun/NUT-toprun.html</a>
Address	1603-1 Kamitomioka, Nagaoka, Niigata 940-2188, Japan
Job title	Specially Appointed Associate Professor for Academia-Industry Fusion

#### **7. Duration of employment**

The last day of employment will be March 31, 2023.

#### **8. Promotion to a tenured position**

A tenure-track appointee will be evaluated in the third year and the fifth year of the employment. One who has made promising research in one's field will be promoted to a tenured position.

#### **9. Number of opening positions**

One

#### **10. Starting date of employment**

January 1, 2019 or later

#### **11. Application form**

Download the application forms and fill them in. Other required documents described below are free format. Applicants who passed first step of the screening are required to submit a certificate of graduation additionally.

[Download the application forms](#)

(1) Designated Application forms consists of curriculum vitae, (photograph must be pasted) lists of publications (papers and reviews peer-reviewed, books, patents, and etc.), research funds, prizes, etc.

(2) Reprints of representative publications (up to 5).

(3) Summary of previous research contributions (up to 2 pages, tables and figures can be included if necessary).

(4) Summary of future research plan at our university, which focuses on Industry-Academia Collaboration.(up to 2 pages, tables and figures can be included if necessary).

## **12. How to apply**

Send two copies of all documents above (one original and one copy) by mail, to the address below. Electronic application (incl. e-mail) is not accepted. The research field code (ex. Code B) and “Application for Tenure-Track Position” must be indicated in red on the envelope. Personal information is protected by the Japanese law and by the NUT rules. Although your application is kept secret, inquiry might be made to reference(s) written on the application form. All submitted documents will not be returned.

Mailing address:

Top Runner Incubation Center for Academia-Industry Fusion,  
Nagaoka University of Technology  
1603-1 Kamitomioka, Nagaoka, Niigata 940-2188, Japan

## **13. Application**

Application documents must arrived by October 15, 2018.

## **14. Inquiry**

Any inquiry should be made to Professor Hiroshi Ono, head, Top Runner Incubation Center for Academia-Industry Fusion  
E-mail: [kgs-sangaku@jcom.nagaokaut.ac.jp](mailto:kgs-sangaku@jcom.nagaokaut.ac.jp)