

**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 26 young researchers at tenure-track positions. In order to continue and extend this program, NUT invites a tenure-track Associate professor/Lecturer 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 2024.**

We invite applicants in the following research area.

**【Details of research area】**

“Mechanical Engineering”, “Control Engineering”, “Information Engineering”, “Electrical and Electronic Engineering”, “Civil and Environmental Engineering”, “Information and Management Systems Engineering”, “Energy Engineering”, and “System Safety Engineering”.

**【Desirable Characteristics】**

The person who strongly possesses ability and willingness to execute education and research on the above research area and to integrate engineering area and new technology.

**2. Qualifications**

Females Only.

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.

Experience in collaborative activities with companies is desirable.

Those who are willing to take on the challenge of interdisciplinary research with social impact.

**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 determine 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="https://www.nagaokaut.ac.jp/center/toprun/index.html">https://www.nagaokaut.ac.jp/center/toprun/index.html</a>
Address	1603-1 Kamitomioka, Nagaoka, Niigata 940-2188, Japan
Job title	Specially Appointed Associate Professor for Academia-Industry Fusion or Specially Appointed Lecturer for Academia-Industry Fusion * The job title will be determined based on achievements, experiences, etc.

#### 7. Duration of employment

The last day of employment will be March 31, 2029.

#### 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, 2025 or later

#### 11. Application form

(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**

Please create each of the submitting documents (1) to (4) in PDF format, and then create one ZIP file at once. After that, please name the file as Application for Tenure-Track Position and attach it to the following e-mail address.

Mailing address:

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

## **13. Application Deadline**

Application documents must arrive by August 21, 2024.

## **14. Inquiry**

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





from	to		
Employment History (or Research History)			
Period of Attendance		Organization	
from	to		Position
from	to		
from	to		
from	to		
from	to		
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from	to		
Doctorate	Conferred Date		Type of the Degree
	Title of the Thesis		
List of your representative papers (up to five papers)			

\*Notification of acceptance and announcement of the interview will be made by e-mail. Phone call may be used.

## List of Publications

1. Books (Names of coauthors must be specified)
2. Refereed journal papers (Names of coauthors must be specified)
3. Reviews (Names of coauthors must be specified)
4. Proceedings of international conferences (Names of coauthors, and whether refereed or non-refereed, must be specified")
5. Patents (Names of co-inventors, and whether approved or not, must be specified")
6. Others

Research Grants, Awards, etc.

1. Research grants (Name of each representative must be specified)

2. Awards (Names of co-recipients must be specified)

3. Activities in academic societies and/or industry

4. Keynote lecturer, invited speaker, etc.