

Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology,
Recruiting for Tenure-track Assistant Professor of Department of Human Intelligence Systems

At the Department of Human Intelligence Systems, Graduate School of Life Science and Systems Engineering, we are constantly collaborating with researchers of interdisciplinary field in an organic manner to carry out research on human intelligence systems both at the fundamental and applicative level. One of the key aspects of the Department is on training cross-field human resources, catering to the demands of modern society. Thus, the main focus is on building next generation computing hardware, which we believe can prove to be the ultimate platform for application to artificial intelligence. So, our research at the Division of Human Intelligence and Machines is more inclined towards integrating artificial intelligence hardware, artificial intelligence software and robotics. In order to develop the cornerstone of the future in artificial intelligence hardware through research and development of brain type devices, we are here to hire an ambitious young Assistant Professor having skills in basic material science experimental research. The desired candidate should be able to carry out this interdisciplinary research at the Graduate School and be open to cooperation with multiple researchers both domestic and international level to contribute towards the research focused on hardware development of intelligent systems.

1. Number of positions: One Assistant Professor (Tenure-track)
2. Organization: Department of Human Intelligence Systems,
Graduate School of Life Science and Systems Engineering,
Kyushu Institute of Technology (National University)
(URL: http://www.brain.kyutech.ac.jp/index_e.html)
(Address of work: 2-4 Hibikino, Wakamatsu, Kitakyushu, 8080196 Fukuoka, JAPAN)
3. Research field: Experimental research on material electronics. We will be widely recruiting an experimental researcher from nonlinear conduction materials, neuromorphic devices, brain hardware devices. Researchers who are interested and can take bold challenges are strongly welcomed for application even without prior experience.
4. Course in charge: Lecture assistance or exercise in the special field concerned.
5. Main job description:
 - (1) To conduct advanced research on brain type devices and their hardware from the viewpoint of material science.
 - (2) To be in charge of assistance of the special field in the graduate school and work as a research assistance for students in the first and second term doctor course.
 - (3) Participate in and promote collaborative research in Japan and overseas, aimed at realizing human intelligence systems, in collaboration with faculty members in the majors.
6. Term of office:

Application of tenure track system is for 5 years from adoption date [Adopted as an education staff with fixed terms of office, conducted a tenure examination (3rd year interim review and 5th year

final examination), we will decide whether to switch to a permanent assistant professor.]

7. Appointment time: As soon as possible after adoption decision.

8. Salary: Both the employment period in the tenure track system (5 years from the recruitment date) and the "after being employed as a term of office after the tenure examination" together with the regulations on salary of salary system applied education staff at the National University Corporation Kyushu Institute of Technology Regulation No. 43 in 2014).

※ The annual salary amount will be recalculated when it becomes an official who has not stipulated the term of office after the tenure examination.

※ In case of transferring to another national university after arrival at our university, in principle the annual salary system at other national universities will apply. For details, you will need to consult directly with other national universities.

9. System during fixed term employment period:

Mentor system, professional development (faculty training)

10. Application requirements:

(1) Having a doctoral degree at the time of adoption.

(2) Having the ability and enthusiasm for education in the field and advanced research.

(3) Possible to actively work on the operations of university and the department.

(4) In case of a foreigner, to have Japanese language ability capable of performing various tasks within the university or aim for learning to the ability in the future.

11. Application method (including where to send documents)

(1) Cover Letter

(2) Curriculum Vitae

• Personal Information (Name in passport, Facial photo, Birth date, Nationality, Sex)

• Contact Information (Address, Phone & FAX number, email address)

• Education history (After graduation from high School)

• Job history (Including teaching experience)

(3) List of Research Output

Doctoral Thesis, Research Articles (Original journal paper, Proceedings for international conferences, Patents, Book Chapters, others), Obtained competitive funds (separate principal or member), Award.

(4) PDF or photocopy of selected papers (3 articles)

(5) Research Summary (2 pages maximum)

(6) Future research plan and education plan. And personal statement describing how you can contribute to university with your research background (1 page for research and 1 page for education each)

(7) Name of two reference persons

Please enclose the electronic files (CD-R, USB memory etc) of the application documents together with documents.

12. Application deadline: Application documents must arrive before May 31 (Fri) 2019
(Application documents are accepted only by postal mail)

13. Inquiries concerning public offering and application documents to be submitted:

2-4 Hibikino Wakamatsu-ku, Kitakyushu, 808-0196

Kyushu Institute of Technology

Graduate School of Life Engineering Department of Human Intelligence Systems

To Prof. Hirofumi Tanaka

TEL: +81 - 93 - 695 - 6157

E-mail: tanaka@brain.kyutech.ac.jp

※ Please enclose all the documents in an envelope with writing "Division of Human Intelligence and Machines / Application Documents for Assistant Professor" in red on the surface and send them by simple registered mail.

※ The submitted documents will not be returned.

※ Entry by e-mail is not acceptable.

14. Remarks:

(1) There may be interviews (presentations, etc.) during the selection process

(Please support yourself for traveling expenses, accommodation expenses etc.)

(2) Regardless of nationality, sex, etc., we will adopt excellent talent.

In addition, Kyushu Institute of Technology is promoting gender equality and welcomes active participation by women.

(3) The result of the selection will be notified to the applicants directly.

15. Inquiries concerning salary and tenure track system

(1) Related website

URL: <http://www.kyutech.ac.jp/information/kyousyokuin.html> (in Japanese)

(2) Inquiries by phone or e-mail

Personnel Section, Personnel Affairs Division of Kyushu Institute of Technology

TEL +81- 93 - 884 - 3009 FAX +81- 93 - 884 - 3533

E-mail: jin-jinkyu@jimu.kyutech.ac.jp

16. Promotion of gender equality at our university:

Kyutech is actively promoting the gender equality.

Please refer to the following for efforts on the gender equality of our university.

URL: <http://www.kyutech.ac.jp/information/gender.html> (in Japanese)