

Announcement of Faculty Position
Energy Saving Device Development Group
Nanomaterials Research Institute, Kanazawa University

Energy Saving Device Development Group invites applications for a full-time position (fixed-term contract). We receive applications for the assistant professor of materials science, especially in the field of semiconductor and/or quantum materials and devices using diamond.

1. Position:

Assistant Professor (fixed-term contract)

2. Affiliation:

Energy Saving Device Development Group, Nanomaterials Research Institute, Kanazawa University

3. Field of specification:

In the Energy Saving Device Development Group, researchers from a wide variety of fields cooperatively promote cutting-edge research aiming for “Formation of Center of Excellence in Diamond Semiconductor (Kanazawa University CHOZEN Project 2022)”. One of the main research objectives is to develop semiconductor and quantum materials using diamond. The selected assistant professor will perform the diamond growth, and structural and physical properties analysis for solid-state materials.

4. School and Division (Teaching responsibility):

- 1) Liberal Arts and Science
- 2) Course in Electrical and Electronic Engineering, School of Electrical, Information and Communication Engineering, College of Science and Engineering, Kanazawa University
- 3) Division of Electrical, Information and Communication Engineering (Master’s Program), Graduate School of Natural Science and Technology, Kanazawa University

5. Subject responsible for:

Lecture and experiment on subjects associated with electronics and materials science both for undergraduate course and graduate course

6. Employment status:

A full-time assistant professor

Term of office: until March 31st, 2024. (Employment is renewed every fiscal year.).

If this project continues after the above period, employment can be renewed until March 31, 2025.

(If you are currently working at our university and work continuously, the total term of office, from the current term to the next term, cannot exceed 10 years.).

7. Compensation:

Annual salary system is applied.

8. Qualification requirements:

- 1) The candidate should be a researcher with a doctoral degree and outstanding research records in the field of research mentioned above.
- 2) The candidate should have enthusiasm for education and research and can actively collaborate with industries and universities.
- 3) The candidate should be cooperative and highly motivated to perform research activities with faculty and staff members in the Nanomaterials Institute and Faculty of Electrical, Information and Communication Engineering.

9. Start of employment:

An appointee is expected on duty on December 1st, 2022 or any early possible date afterwards

10. Documents for application

- 1) Curriculum vitae.
- 2) Research performance. (Research papers, proceedings of international conference, keynote lectures, published works, reports, patent, etc.)
- 3) Research activities, education activities, and conference and social activities.
- 4) Research grants acquired.
- 5) Aspirations for education and research (up to one page of A4 paper)
- 6) Offprints or hard copies of three major papers.
- 7) Summary of your research and educational activities to date. (up to one page of A4 paper)
- 8) Two referees. (Name, affiliation, E-mail address and phone number)

★For the above 1)~5), please use the MS word format located at

http://nanomari.w3.kanazawa-u.ac.jp/_wp/wp-content/uploads/2022/06/curriculum_vitae_202205_en_NanoMaRi-2.doc

11. Deadline for application:

August 31th, 2022 (due NLT)

12. Selection process:

After reviewing the submitted documents, shortlisted candidates will be requested to give presentation and take interview. In that case, travel expenses will not be covered.

13. Postal address:

Documents should be sent by registered mail/courier marked with “Application Enclosed (Assistant Professor)” on the envelope to

Prof. Motohiro MIZUNO, Director General, Nanomaterials Research Institute,

Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:

Prof. Norio TOKUDA

E-mail: tokuda@se.kanazawa-u.ac.jp

15. Additional information:

- 1) All of the documents should be sent to the postal address provided above. The submitted documents will not be returned.
- 2) The website below gives information about employment regulation.
<https://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)
- 3) Kanazawa University also promotes the courses delivered in English under the internationalization policy.
<https://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>
- 4) Kanazawa University promotes the development of diversity in the research and education environment.
<https://cdl.w3.kanazawa-u.ac.jp/index.html> (in Japanese)
- 5) The Nanomaterials Research Institute welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society.