

International Advertising for Associate Professor or Lecturer  
Field of Mechanical Science and Technology  
Division of Mechanical Science and Technology  
Graduate School of Science and Technology  
Gunma University

1. Position offered: One associate professor or lecturer

2. Affiliation: Appointees will belong to Division of Mechanical Science and Technology, Graduate School of Science and Technology

3. Specialty: Interdisciplinary and fusion field of mechanical engineering, electrical engineering and information engineering. New topics, such as autonomous driving, Society 5.0, Industry 4.0, IoT, AI, image processing, instrumentation, control, new material, new energy system and smart city. Basic back ground should be in wider field of mechanical engineering.

4. Teaching subjects:

For undergraduate students: Literacy for Learning (3), Overview of Mechanical Systems Engineering, General Design and Drawing of Mechanical Systems Engineering, General Exercise of Mechanical Systems Engineering, Workshop of Mechanical Systems Processing, Workshop of Mechanical Systems Experiments, etc.

For master course students: Seminar in Specialized Topics, Experimental Research in Specialized Topics, Advanced Research Proposal, International Internship, Internship, Long-term Internship, etc.

5. Qualifications:

(1) Applicants are required to hold a PhD.

(2) Applicants should have strong intention of research and education in the field of mechanical science and technology, of regional collaboration, and of international activities.

6. Start of employment: As soon as possible after appointed.

7. Deadlines:

Deadline for mailed materials: Should be received by Monday, 21 May 2018.

8. Term of employment:

Associate professor or lecturer will be assessed at the end of 4<sup>th</sup> year employment by the Division of Mechanical Science and Technology. Those who successfully complete the assessment will be newly appointed as full-time tenured position. The retirement is at the end of fiscal year of age 65.

9. Application materials (may be written in English or Japanese)

(1) Curriculum vitae with a recent photo of face, describing present address, phone

number, e-mail address, academic career (including doctoral dissertation), research career, and others

(2) List of publications including original scientific papers, books, other publications, awards and patents

(3) List of scientific research funds or grants including cooperative researches with companies

(4) Reprints of main original ten papers (copy is permitted)

(5) Outline of past research in one page

(6) Plan of research and education including regional contribution after arrival to this position in one page

10. Submit all the application materials to the following by registered mail. On the face of the envelope, rubricate “Associate Professor or Lecturer position on mechanical science and technology”. The documents will not be returned. We promise to use all the documents only for this recruitment procedure.

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#### 11. Job Posting

(1) Announcement for Available Position:

Gunma University is now calling for a qualified researcher, who has a potential to assist the development of Gunma University’s Mechanical Science and Technology Division.

(2) Role & Responsibilities:

The successful candidate will be expected to take the following roles and responsibilities,

- 1) Create the next generation/frontier around the research fields described above.
  - 2) Conduct the research collaboration with private companies and local governments inside and outside Japan.
  - 3) Seek a possibility of cooperating with the Center for Research on Adoption of NextGen Transportation Systems (Gunma University).
  - 4) Play an active role by conducting subjects in practical skills, such as mechanical drawings, mechanical systems processing and mechanical systems experiments.
  - 5) Contribute and collaborate actively at both the regional and international levels in research and education.
  - 6) Contribute actively to the educational improvement set out by the Japan Accreditation Board for Engineering Education (JABEE).
- (3) Others
- 1) Workplace: The workplace for this position will be located at either Gunma University’s Kiryu campus or Ota campus.
  - 2) Equal Opportunity Employer: Gunma University supports gender equality in its hiring practice. In the case when short-listed candidates are equally qualified, the university seeks to hire women.