

2nd Announcement of Faculty Openings 2015

at the College of Engineering, Seoul National University

1. Field(s) of Speciality and Number of Openings

☐ Tenure-track Full-time Faculty

Department	Field of Study	Positions Available	Additional Info
Mechanical & Aerospace Engineering	Fluids Engineering	1	
	Industrial Applications in Mechanical Engineering	1	At least 3 years of industry experience required
	Aerospace Structural Mechanics and related fields	1	Candidate must have received their Bachelors Degree from another university or from a different department at Seoul National University. Selected candidate will also be required to work as a researcher.
Materials Science Engineering	Organic/Polymer Functional Materials	1	Candidate must have received their Bachelors Degree from another university or from a different department at Seoul National University.
Electrical and Computer Engineering	Sparse Signal Processing for Communication Systems	1	Position will begin on September 2016
	Magnetic Resonance Imaging System	1	Position will begin on September 2016
Computer Science Engineering	Computer Security or Machine Learning or Cyber Physical System	1	
Chemical and Biological Engineering	Bioprocessing/Biomaterials	1	
Industrial Engineering	Engineering Economy	1	
	Technology Economics and Policy	1	Appointment at the Graduate School of Engineering Practice (to be opened in March 2016)
Naval Architecture and Ocean Engineering	All Fields of Naval Architecture and Ocean Engineering	1	

2. Applicant Qualifications

- a. Applicants must
 - have a PhD degree, have acquired an equivalent qualification for a PhD, or have achievements from equivalent research work for a PhD in their research field.
 - meet all the requirements of the Seoul National University Hiring Policy (see below).
- b. Applicants must have adequate research achievements according to the Seoul National University Hiring Policy and research work criteria.

Details of the Seoul National University hiring regulations and concerning research work criteria can be found at the following links (only available in Korean):

- [regulations for appointment](#)
- [regulations about the hiring process](#)

3. Faculty Appointment (Contract) Period

Please refer to the University policies and guidelines concerning employment for the positions applied at <https://professor.snu.ac.kr>

4. General Application Review Process

The application review process consists of two steps: document screening and interview. Applicants who pass the document screening process are invited for an on-campus interview (partial transportation financial support is available).

Document Screening

- a) whether the applicant's abilities and speciality meets the announced field of study
- b) recent research achievements within the past three years
- c) overall research achievements

Interview

- a) public presentation or lecture
- b) personal essay, statement of research, and teaching objectives
- c) suitability for selection

5. Application Documents

- a. Application (**2 copies**) - online form at <https://professor.snu.ac.kr/>
 - ※ As the form is only available in Korean, international applicants are requested to submit two printed copies of the 'Application for Faculty Position' and 'Full

Lists of Research Achievements' (attached) to the Office of School Affairs, College of Engineering at Seoul National University.

The overall research achievements should include all publications by the applicant since starting graduate school and must include the title, author(s), publication date and the name of the publication (including volume, issue, pages) for each publication.

b. Research achievements for detailed review – **7 copies required (one original version, six copies)**

1) Research achievements submitted for evaluation

At minimum two (2), but no more than three (3) research achievements published since December 1, 2012 (including online publications) or publication in press, with the applicant as the single, first, or corresponding author.

2) Acknowledgment of research achievements:

- ① Doctoral dissertation : A single research paper is considered as a research accomplishment, but if the paper or part of it was published in another publication, the one favorable for the applicant will be selected.
- ② Not admissible as research achievements in regular periodic journals are introductions, book chapters, and conference papers (for exceptions see ④) (Should be moved to the bottom as unaccepted acknowledgement of research achievements. Also some content from the Korean translation is missing.)
- ③ International patents (Korean patents are not accepted)
- ④ Proceedings of international conferences may be accepted according to the criteria of the respective department.
- ⑤ Books : a text book for the corresponding major or a separate volume (book) that has contributed in the progress of the corresponding research field. Exceptions are translations, redactions, and dictionaries.

3) Others

- ① Research achievements should contain the publication date. If the publication date is not visible on the achievement itself, a copy of the cover and the table of contents should be submitted.
- ② If the applicant has published research after the application deadline, up to one publication can be accepted with a proof of acceptance (referencing the publication date) and should be published before **December 31, 2015**
- ③ The publications in press, which should be published before **December 31, 2015**, should be submitted (after being published) using the same form as the other publications (adding/removal/changes are unacceptable) by **December 31, 2015**.

c. Undergraduate and Graduate Transcripts and copy of Diplomas (or enrollment certificate) – 2 copies each

- d. Official Documentation of Employment – 2 copies each
- e. Personal Essay – 2 copies, around 5 pages
(including major achievements, fellowships, and awards)
- f. Statement of Research and Teaching Objectives – 2 copies each, around 5 pages
(including courses that the applicant could teach, suggestions of new courses which could be added to the curriculum, and mid-term and long-term research plans and objectives)
- g. Letters of Recommendation – 1 copy each
(from at least two scholars in the same field of specialty)

6. Application Period and Mailing Address

- a. Application Period : Thursday, October 20, to Wednesday, November 4, 2015 17:00.
<Office hours are 10:00~17:00, Monday through Friday>
- b. Address :
Office of School Affairs(39-211), College of Engineering, Seoul National University,
1 Gwanak-ro, Gwanak-gu, Seoul 151-744, Republic of Korea
- c. The online application (<https://professor.snu.ac.kr>) must be completed before mailing the supporting documentation. No applications will be accepted after the deadline.
※As the form is only available in Korean, international applicants are requested to submit two printed copies of the ‘Application for Faculty Position’ and ‘Full Lists of Research Achievements’ (attached) to the Office of School Affairs, College of Engineering at Seoul National University.
- d. Please remember to clearly label the specific position applied for (department and field of specialty) on the cover of the mailed package.

7. Notification

Applicants will receive an individual notification of the results once all eligible applications have been reviewed.

8. Scheduled Appointment Date

March 2016 (Department of Electrical and Computer Engineering appointments will be held in September 2016)

9. College of Engineering Employment Policy

- a. The following applicants are preferred:

- 1) Applicants with considerable academic/research career as a scholar and outstanding achievements
 - 2) Applicants capable of contributing to the collaboration among new and different fields of study.
- b. Faculty members will be required to deliver two (2) English courses per year.
- c. Faculty members should deliver at least one online course within 2 years after the starting date.

10. Remarks

- a. The application review process follows established University protocols.
- b. All submitted documents should be in their original copy (translated documents must carry the notarized translator's signature for authenticity).
- c. Applicants can not apply for more than one position. Multiple applications by the same applicant will invalidate all of his or her applications.
- d. Some positions, including the number of openings as well as the starting date of appointment, may be subject to change.
- e. An appointment can be cancelled even after the commencement of the employment if the applicant has willingly falsified his or her application documents and/or has not sufficiently fulfilled the appointment criteria.
- f. For further information contact the Office of School Affairs, College of Engineering, Seoul National University
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(Office of International Affairs)

October 2015

Dean, College of Engineering
Seoul National University