College of Engineering, Seoul National University

First Announcement of Faculty Opening, 2020

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

Department	Field of Specialty	No. of Opening	Note
Department of Mechanical Engineering	Thermal and Energy Engineering	1	- Limited to one who has graduated from the undergraduate school of another university or of another department of SNU
	Design, Manufacturing, Robotics, AI	3	- One of the three openings limited to one who has graduated from the undergraduate school of another university or of another department of SNU - One of the three openings is for the appointment on March 1, 2021.
Department of Industrial Engineering	Technology Management & Analytics	1	
Department of Nuclear Engineering	Radiation Measurement and Protection	1	

Department of Materials Science and Engineering	Materials Engineering	1	- Limited to female applicants
Department of Electrical and Computer Engineering	All fields in Communications, RF, and Signal Processing	1	
	Power Electronics, Electric Machine, Electric Power Systems and Other related areas	1	
	Optical Engineering	1	
Department of Naval Architecture and Ocean Engineering	All Fields of Naval Architecture and Ocean Engineering	1	
Department of Computer Science and Engineering	Artificial Intelligence	1	
School of Chemical and Biological Engineering	Polymer Physical Chemistry	1	- Limited to one who can teach major required subjects in chemical engineering

2. Qualifications

A. The applicant should have a doctor's degree.

B. The applicant should meet all requirements of the Seoul National University (SNU) Appointment Regulations.

C. The applicant should submit the research publications appropriate for the regulations for the appointment of new full-time faculty members of the College of Engineering, SNU.

Find the regulations for the appointment of new full-time faculty members of the College of Engineering of SNU in the web site of the College of Engineering, SNU (http://eng.snu.ac.kr)

3. Submission Period
　　※ The period for submitting letters of recommendation is the same.

4. Faculty Appointment (Contract) Period
　　The appointment (contract) period follows Seoul National University Hiring Policy, etc. (see Notice at https://professor.snu.ac.kr)

5. Review Process
　　The review is conducted in two stages. The review items of each stage are shown below. About the procedures of reviewing the review items and the points allocated to each item, see the Detailed Enforcement Rules for Appointment of New Full-Time Faculty Members of College of Engineering of SNU (http://eng.snu.ac.kr)

　　A. Basic and Major Review (Stage 1)
　　　1) Compatibility of the applicant's field of specialty with the field for job opening
　　　2) Recent research achievements within five years
　　　3) Career research achievements
　　B. Interview (Stage 2)
　　　1) Presentation or lecture
　　　2) Personal introduction and research proposal
　　　3) Appointment suitability

6. How to Apply
　　A. Submit the application form and other documents through the web site of the SNU Faculty Recruitment (https://professor.snu.ac.kr).
　　B. All the submitted documents, except the Application for Open Faculty Recruitment, the list of career research achievements, and the letters of recommendation, should be uploaded to the web site of the SNU Faculty Recruitment (https://professor.snu.ac.kr) in the form of PDF files (When the original copy is a hard copy, a readable scanned copy should be prepared and uploaded in the form of a PDF file.).
　　C. The applications and documents submitted via mail, e-mail or fax are not acceptable.
　　D. Documents that are uploaded to the web site of the SNU Faculty Recruitment or that are not readable are not accepted as submitted documents.
　　※ **The applicant is responsible for the disadvantages that may arise from wrong uploading of the application form and documents, including the mistakes, omission and typographical errors in the input information.**

7. List of Documents to be Submitted (Thoroughly review the details in the Attachment on pages 8 before submitting the documents.)

1) One copy of Application for Open Faculty Recruitment.
2) One copy of Certificate of Education (diploma) each.
3) One copy of Certificate of Academic Transcript each.
4) One copy of Certificate of Career each.
5) Research publications (at least two publications up to three publications)
    ◈ Research publication recognition period and number of publications to be submitted
        ① Recognition period: Research publications that were published (including online publication) or accepted for publication within **five years from the last month of the application (from May 1, 2015)**.
        ② Recognized point: **The applicant should be a single author or a first author or corresponding author of a joint study in at least two submitted research publications.**
            - A single author: 100 points
            - A first author or corresponding author of a joint study: 70 points
            - A co-author in a joint study with two co-authors: 70 points
            - A co-author in a joint study with three co-authors: 50 points
            - A co-author in a joint study with four co-authors: 30 points

    ◈ Scope of Recognized Research Publications
        ① Doctoral dissertation: Doctoral dissertation is recognized as one research publication with a single author. In the case where a part of or the whole doctoral dissertation was published in another research publication for review, the application should choose among the publications one research publication to be submitted.
        ② Domestic or international articles published in regular peer-reviewed academic journals: Reviews, proceedings of conferences and book chapters are not recognized.
        ③ Patent registered to one of the G7 countries: Korean patents are not recognized.
        ④ Proceedings of prominent international conferences (applicable only to Department of Electrical and Computer Engineering and Department of Computer Science and Engineering): Contact the undergraduate school office of each department.
        ⑤ Books: Books published by prominent international publishers (except book chapters, translations, edited volumes and dictionaries).

⑥ The specific criteria for the research publications that are not stipulated in the present announcement are determined by the detailed criteria provided by the individual departments hiring the faculty members. Contact the undergraduate school office of each department for additional details.

◈ **Miscellaneous**

① The date of publication of the research publications should be included in the submitted publications. If the date of publication cannot be confirmed, the front cover of the issue of the journal (issue with the date of publication) should be submitted with the list of contents.

② Only one research publication that will be published after the end of the application period can be accepted as a research publication if it is submitted with an attached certificate of publication, but it should be **published until at least April 30, 2020**.

③ The publication submitted with an attached certificate of publication should be submitted immediately after the publication **until at least April 30, 2020** (to leesso@snu.ac.kr). In addition, the actually published research publication should be identical to the publication submitted for the application (addition, deletion and revision unaccepted).

④ The names of the coauthors (except the applicant) on the research publications for review should be written in Korea (in English for foreign authors).

⑤ The College of Engineering of SNU has the final authority to decide the scope of accepted research publications and the points allocated to the publications.

6) One copy of Career research achievements
7) One copy of Personal introduction.
8) One copy of Education and Research Proposal.
9) At least two and up to three Letters of Recommendation.

8. Notification of Results

Applicants will receive individual notification of the results soon after the review according to the Appointment Regulations of SNU.

9. Scheduled Appointment Date

September 2020 or March 2021

10. Faculty Appointment Policies of College of Engineering

A. Applicants who meet the following qualifications will be given preference.

   1) Anyone who has produced outstanding research and education achievements or who has high potential to do so.

   2) Anyone who is capable of contributing to a new academic field or to interdisciplinary cooperation

B. Anyone who is appointed is obligated to provide at least two courses in English for five years after the appointment

11. Notes

A. Applicants cannot apply for two or more fields of recruitment in the same recruitment session (first in 2020) in the SNU's open recruitment. Multiple applications by the same applicant will invalidate all the applications, and the applicant will be excluded from the review process.

B. According to Article 9 of the Regulations Governing Faculty Policies, Procedures, Guidelines of Seoul National University and other relevant appointment regulations, in the absence of an appropriate applicant, no one may be recruited for appointment, and the scheduled faculty appointment data may be adjusted.

C. Even after the recruitment, if the applicant has a flaw in the appointment requirements with regard to the application qualifications or the research achievements, the appointment may be cancelled by authority.

D. A performance-based salary system may be applied according to the Regulations on Pay for Faculty.

E. Other details that are not specified in the present announcement are in accordance with the SNU's regulations relevant to personnel affairs and faculty recruitment process standards.

F. When the facts may not be verified by the documents submitted by the applicant, the College of Engineering, SNU, may request the applicant to submit additional evidence materials.

G. If the documents requested by the College of Engineering are not uploaded or the application qualifications are not prepared until the deadline, the applicant is excluded from the final list of applicants, and the submission is not approved (Nine days are needed until the approval of the submissions after the deadline.).

H. **The original copy of the notarized Korean or English translation should be uploaded for the certificates issued in a foreign language which is not English.**

I. [Refer to the FAQ related to the recruitment of new faculty members at the official web site of the College of Engineering (http://eng.snu.ac.kr) -> Notice -> 'FAQ for Recruitment of New Faculty Members in First Recruitment Session in 2020' (Must be read before telephone inquiry).](http://eng.snu.ac.kr)

J. **In the presence of an unavoidable situation, the applicant may request a video interview in consultation with the department for the interview in Stage 2 review. However, since it is a critical procedure for the recruitment of new faculty member, face-to-face interview is strongly recommended.**

K. **The contents and details of the review are not open, and no inquiry is accepted about the grounds of the review results.**

L. A predetermined amount of moving expense will be provided to newly appointed faculty members.

M. For other detailed information, refer to the official website of the College of Engineering SNU (http://eng.snu.ac.kr) or contact the **Office of Academic & Student Affairs of College of Engineering, SNU (02-880-1404, leesso@snu.ac.kr)**.

N. The present notice is provided for the convenience of international applicants. If any conflicts arise between the Korean and English texts, the Korean text shall prevail as authoritative.

March 11, 2020

Dean of College of Engineering,
Seoul National University

[Attachment] Document Submission Checklist for Application to First Faculty Recruitment Session in 2020

No.	Document	Menu on SNU Faculty Recruitment web site	Documents to be uploaded to SNU Faculty Recruitment web site	Note
1	Application for Open Faculty Recruitment	Personal Information		– Enter on SNU Faculty Recruitment web site.
2	Certificates of education (diplomas)	Academic Information	Certificate of education(diploma) and Certificate of Academic Transcript for each degree	– The information provided about the education should be consistent with the certificates. – The information should be written in the order of Bachelor → Master → Doctor, and the Certificate of education (diploma) and Certificate of Academic Transcript for each degree should be combined into **a single PDF file** and uploaded. ▷ Examples of file name · Bachelor_Diploma and Transcript · Master_ Diploma and Transcript · Doctor_ Diploma and Transcript
3	Certificates of Academic Transcript			

No.	Document	Menu on SNU Faculty Recruitment web site	Documents to be uploaded to SNU Faculty Recruitment web site	Note
4	Certificates of career	Career Information	Certificates of career	- The information about the career should be consistent with the certificates. - Career information that cannot be proved by a certificate may not be entered into the application system. - A career certificate should specify the job position, duty, type of job, payment and period of work. - Recent career information should be written firstly.
5	Research publications	Research Outcomes for Evaluation	At least two publications up to three publications	- A single research publication should be uploaded as a single PDF file. - Refer to the separate attachment file about the list of conferences recognized by the **Department of Electrical and Computer Engineering**. - Contact the department office to learn about the list of conferences recognized by the **Department of Computer Science and Engineering** - Contact each department office as to whether a certain research publication is recognized or not.

No.	Document	Menu on SNU Faculty Recruitment web site	Documents to be uploaded to SNU Faculty Recruitment web site	Note
6	List of Career Research Achievements	Overall Research Achievements	List of Career Research Achievements	- Download the form in an Excel file from the menu on the web site, enter the information, and upload the Excel file. - List the research and publication records published from the graduate school years to the time of application, including the titles, authors, publication dates, and names of journals (volumes, issues and pages). - If the journal is classified into 'miscellaneous,' add more information, such as the article number, to the 'note.' ※ The blanks for 'performance/exhibition' in the Excel file, which are only for the fields of arts and sports, do not need to be filled.
7	Personal introduction	Personal Introduction	Personal introduction	- Prepare in about five pages, including the key research and education achievements and awards.

No.	Document	Menu on SNU Faculty Recruitment web site	Documents to be uploaded to SNU Faculty Recruitment web site	Note
8	Education and Research Proposal	Personal Introduction	Education and Research Proposal	- Prepare in about five pages, including the courses that you can teach, the courses that you want to develop, and your mid-term and long-term research plans.
9	Recommender Information	Recommender		- Enter the information about at least two recommenders up to three recommenders of the same field of specialty. - The information about the recommenders entered into the recruitment system should be consistent to the letters of recommendation.
10	Letter of Recommendation - At least two and up to three letters of recommendation should be submitted.			- The recommender should directly submit the letter of recommendation to the person in charge by e-mail (leesso@snu.ac.kr). - The main text of the e-mail sent by the recommender should specify the name of the applicant and the field of application.

No.	Document	Menu on SNU Faculty Recruitment web site	Documents to be uploaded to SNU Faculty Recruitment web site	Note
				- The recommender should send a signed and sealed letter of recommendation in a PDF file format, and an editable file format (hwp, doc, etc.) is not accepted. - A letter of recommendation that is not submitted within the submission period is not accepted.