College of Engineering, Seoul National University
The Second Faculty Openings Announcement for 2023

1. Fields of Employment and number of openings

Department	Fields of Employment	Openings	Remarks
Department of Civil and Environmental Engineering	Sustainable Built Environment Systems	1	· Digital Transformation for construction
	Computational Mechanics	1	
Department of Industrial Engineering	Industrial Data Analytics	1	· Those who can teach major courses in the filed of Industrial Engineering
Department of Materials Science and Engineering	Polymer Physics	1	· Please refer to the department's website(https://mse.snu.ac.kr) for more details.
	Metallic Structural Materials and Reliability	1	
	Materials for Hydrogen Energy	1	
Department of Electrical and Computer Engineering	Control, Robotics, and Systems	1	· At least two of the positions are reserved for the candidates who either 1) do not hold a bachelor`s degree of Seoul National University or 2) hold a bachelor`s degree of Seoul National University other than Department of Electrical and Computer Engineering
	Next Generation 3D Imaging/Display, Digital Holography, and Augmented Reality (AR) Device Technology	1	
	Electric Energy Systems	1	
	Power Semiconductor Devices, Circuits, or Systems	1	
	Multimodal AI	1	
	Semiconductor Integration Processing and Devices	1	
Department of Naval Architecture and Ocean Engineering	Ocean Mobility	1	· Female preferred
Department of Computer Science and Engineering	All areas in Computer Science and Engineering	2	· One of the positions is open for applicants who do not hold Korean citizenship
Department of Chemical and Biological Engineering	Biopolymer	1	· Those who can teach major courses in the field of chemical and biological engineering
	Antibody and Protein Engineering	1	· Those who can teach major courses in the field of chemical and biological engineering
	Battery Engineering	1	· Those who can teach major courses in the field of chemical and biological engineering

2. Qualifications

A. The applicant must have a PhD degree.

B. The applicant must meet all the requirements of the Seoul National University (SNU) Hiring Policy.

C. Applicants must have appropriate research achievements meeting the standards of Seoul National University College of Engineering Hiring Policy (full-time faculty)

   - Details are available at http://eng.snu.ac.kr (available in Korean only)

3. Application Deadline (All schedules are based on Korean Standard Time)

A. Online submission: From September 21 (Thu) 10:00, 2023 to October 19 (Thu) 2023 by 10:00 am.

B. Online request for recommendation letters by applicants:

    From September 21 (Thu) 10:00, 2023 to October 19 (Thu) 2023 by 10:00 am.

※ **The deadline for recommendation letters coincides with the application deadline.**

C. Online recommendation letter submission by referees:

    From September 21 (Thu) 10:00, 2023 to October 23 (Mon) 2023 by 23:59

4. Term of Faculty Appointment (Contract)

The term of appointment (contract) follows 「Regulations Governing Faculty Policies, Procedures, Guidelines of Seoul National University. Details are available at https://facultyrecruitment.snu.ac.kr.

5. Review Process

All applications will be reviewed in two stages. Specific criteria are provided below. For details on the procedures and evaluation methods, please refer to the '*Detailed Implementation Regulations for New Full-time Faculty Recruitment at Seoul National University*', available only in Korean, on the Seoul National University College of Engineering website (http://eng.snu.ac.kr).

A. Review of specialization field (Stage 1)

   1) Whether the applicant's abilities and specialization lie in the opening area

   2) Assessment of recent research achievements within the past five years

   3) Overall research achievements

B. Interview (Stage 2)

   1) Public presentation or lecture

   2) Personal essay and statement of research and teaching objectives

   3) Suitability for appointment

6. How to Apply

A. Submit the application form and other required documents through the SNU Faculty Recruitment website (https://facultyrecruitment.snu.ac.kr).

B. All the submitted documents, except the Application, the list of overall research achievements,

and the recommendation letters, should be uploaded to the website (https://facultyrecruitment.snu.ac.kr) in the form of PDF files (If the original copy is a hard copy, a legible scanned copy should be prepared and uploaded in the form of a PDF file.).

C. Submission via mail, e-mail or fax is <u>NOT</u> acceptable.

D. Documents not uploaded to the website of the SNU Faculty Recruitment and illegible documents are <u>NOT</u> accepted.

※ The applicant is responsible for any disadvantages that may arise from incorrect information during the process of uploading.

7. List of Documents to be Submitted <u>(please make sure to see the Attachment on the required document checklist.)</u>

1) Application form - one copy

2) Diploma or Certificate of Graduation for all degrees obtained from bachelor's to doctoral level – one copy each

3) Academic Transcripts

- Only those who are invited to the second-stage interview must submit their transcripts to the applying department prior to the interview. We recommend that you contact Registar's office in advance to request academic transcripts for all the degrees you hold (Bachelor's, Master's, and PhD) regardless of whether an interview invitation has been received, as some universities may require several weeks.

4) Certificate of Employment

- Only those who are invited to the second-stage interview must submit the certificates to the applying department prior to the interview. Nevertheless, it is advisable to request employment certificates from the applicant's current and previous employers during the application process, regardless of whether an interview invitation has been received. This is to allow enough time for obtaining the certificates.

5) Research achievements (at least two and up to three publications)

◈ Acceptance criteria for research achievements - publication dates and author requirement

① 2~3 research publications that were published (including online publications[*]) <u>within the</u> last **five years from the application deadline (i.e., since November 1st, 2018)** or research materials set for publication[**]

* Online Publications: Publications that have volume (issue) numbers and page numbers (or DOI)

**See details at ◈ Miscellaneous ② and ③ (at most one publication allowed)

② <u>The applicant must be the single author or the first author or the corresponding author of joint research for at least TWO research achievements</u>

◈ Acceptance criteria for research achievements - scope of recognized research publications

① Doctoral dissertation: A single-authored thesis is considered as a research achievement, but if the thesis or part of it was published in another way of publication, the one favorable for the applicant must be selected for the submission.

② Domestic and international papers published in peer-reviewed academic journals; excluding review or survey papers, conference papers, and book chapters.

③ Perspectives, opinions, commentaries, short notes, communications, letters, correspondences, etc. published in academic journals are NOT considered. However, if the selection committee decides that a candidate's research results are presented in those publications and their academic excellence can be evaluated, they can be considered as research achievement for review.

④ Patent registered to one of the G7 countries: Korean patents are not recognized.

⑤ International-level academic conference papers can be recognized only for the Department of Electrical & Computer Engineering and the Department of Computer Science & Engineering: inquire to respective department offices (Department of Electrical & Computer Engineering ha77k@snu.ac.kr and Department of Computer Science & Engineering alswjd@snu.ac.kr) for details.

⑥ Books: Books published by prominent international publishers (excluding book chapters, translations, redactions, and dictionaries).

⑦ Other achievements in special fields: inquire to respective department offices for details.

◈ **Miscellaneous**

① Research achievements must have verifiable information concerning date of publication. If it is impossible to verify the publication date, the applicant must submit the cover(publication date written on the cover) and outline of the presented material.

② For research achievements published after the application deadline, only ONE achievement with the attachment of certification of publication (with expected date of publication indicated) will be accepted. However, the achievement must be published prior to the day before the appointment date.

③ For the paper submitted with the 'Certification of Expected Publication' or 'Acceptance Letter', its published version must be submitted immediately upon publication to jjuyang@snu.ac.kr. If the paper is not published by prior to the day before the appointment date, appointment can be cancelled in accordance with the university rules. In addition, the research output actually published must be identical with the one submitted at the time of application (additions, deletions, or modifications are NOT allowed.).

④ The names of the Korean co-authors (excluding applicant him/herself) of the research achievements should be written in Korean. It is allowed to write the names of non-Korean authors in English.

⑤ The College of Engineering of SNU has the final authority to decide the criteria for accepted research achievements for the screening.

6) Overall Research Achievements List (SNU template) – one copy

7) Personal Essay – one copy

8) Statement of Research and Teaching Objectives – one copy

9) Letters of Recommendation - by two or three recommenders (The letter of recommendation must be signed by the recommender to be acceptable.)

8. Notification of Results

Applicants will be reviewed in accordance with the SNU policy and results will be sent out individually once all eligible applications have been reviewed.

※ The initial assessment results will be communicated individually in November, with the final assessment results anticipated to be communicated individually in January 2024.

9. Scheduled Appointment Date

March 2024

10. Faculty Appointment Policies of College of Engineering

A. Preference will be given to:

1) Applicants with a proven track record of excellent research and teaching achievements or with a high potential to demonstrate such capabilities

2) Applicants with a potential to contribute in the development of new academic fields or in the cooperation between different academic fields

B. Offering at least two English classes every year for the next five years is required for the applicant once hired

11. Notes

A. **An applicant cannot apply for more than one position in SNU. Multiple applications by the same applicant will invalidate all of his or her applications.**

- An applicant who applied for a position of the second opening in 2023 that is open for a semester may still apply for a position in the same round that is open for a year if he or she was rejected in the first round of review or was not selected as the final candidate for appointment.

- An applicant applying for a year-open position cannot apply for the second opening in 2023 until the application review for the first opening in 2023 is complete.

B. Applicants can send their requests for recommendation letters to referees via online and referees log into the recommendation website to upload their recommendation letters. (Please note that all recommendation letters must be uploaded by designated deadline and applicants are responsible for it.)

C. **In accordance with article 9 in 「Regulations governing faculty policies, procedures, guidelines of Seoul National University (서울대학교 교원인사규정) and other rules on hiring regulations, faculty openings may not be filled and the starting date of appointments may be changed.**

D. **Appointment may be nullified even after commencement of employment if applicants have**

wilfully falsified application documents and/or have not fulfilled the appointment requirements.

E. Other particulars not stated in this announcement will follow Seoul National University and SNU College of Engineering personnel-related regulations and faculty recruitment criteria.

F. If the documents submitted by the applicant are unverified, SNU College of Engineering may request the applicant to submit additional documents.

G. If the required documents are not uploaded or the application qualifications does not meet to the SNU regulations by the deadline, they will not be reviewed by SNU.

H. **If any certificates and/or documents are in a foreign language which is not English or Korean, the notarized translation in Korean or in English must be uploaded**

I. **Refer to the FAQ related to the recruitment of new faculty members at the official College of Engineering website (http://eng.snu.ac.kr) → Notice → 'FAQ for Recruitment of New Faculty Members in the Second-round Recruitment Session in 2023'**

J. **For interviews, applicants who may have unavoidable circumstances are allowed to arrange a video interview in consultation with respecitve departments. Otherwise, offline interview is strongly recommended.**

K. **The details for the screening will not be open and no inquiries will be accepted regarding the result.**

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

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

Department	E-mail
Department of Civil and Environmental Engineering	kyung123@snu.ac.kr
Department of Industrial Engineering	kksun@snu.ac.kr
Department of Materials Science and Engineering	artofmoney@snu.ac.kr
Department of Electrical and Computer Engineering	ha77k@snu.ac.kr
Department of Naval Architecture and Ocean Engineering	jungkc@snu.ac.kr
Department of Computer Science and Engineering	alswjd@snu.ac.kr
Department of Chemical and Biological Engineering	noting83@snu.ac.kr

September 19, 2023
College of Engineering
Seoul National University

Required Document Checklist
for Application to Second Faculty Recruitment 2023

No.	Document	Menu on SNU Faculty Recruitment Website	List of Required Documents to be uploaded	Remarks
1	Application	Personal Information		- via SNU faculty recruitment website only
2	Certificate of Education (Diploma)	Academic Information	Certificate of Education(Diploma) and Certificate of Academic Transcript for each degree	- All information provided on application documents must be consistent with submitted certificates. - Each degree certificate for bachelor's, master's, and doctoral degrees must be submitted separately. - The Certificate of Graduation (Diploma) and Academic Transcript must be uploaded separately for each degree ▷ Examples of the file name · Bachelor_Diploma · Bachelor_Transcript
3	Certificate of Academic Transcript	Academic Information	Certificate of Education(Diploma) and Certificate of Academic Transcript for each degree	- You must submit transcripts for each degree you hold, including bachelor's, master's, and doctoral degrees - Only those who are invited to the interview are required to submit their academic transcripts to the applying department prior to the interview. However, it is recommended to request academic transcripts from the applicant's graduating institutions at the time of application, regardless of whether an interview invitation has been received, taking into consideration the time required to obtain the transcripts.
4	Certificate of Career (※including current position)	Career Information	Certificate of Career (Employment verification letter)	- All information provided on application documents must be consistent with submitted certificates. - Career information that cannot be proved by a certificate must be excluded - A career certificate must specify the position/title, brief job description, period of employment. - Career information must be written chronologically, with the most recent coming first. - Only those who are invited to the interview are required to submit the certificates to the applying department before the interview. Nevertheless, it is advisable to request employment certificates from the applicant's current and previous employers

No.	Document	Menu on SNU Faculty Recruitment Website	List of Required Documents to be uploaded	Remarks
				during the application process, regardless of whether an interview invitation has been received. This is to allow enough time for obtaining the certificates.
5	Research Publications	Research Outcomes for Evaluation	At least **two to three** publications	- A single research publication must be uploaded as a single PDF file. - For the reconized conference list by the **Department of Electrical and Computer Engineering and Department of Computers Science & Engineering,** please refer to the separate attachment. - Contact respective department offices for details on research achievement inquiry.
6	List of Research Achievements	Overall Research Achievements	List of Research Achievements	- Download the form (Excel file) and upload it on the website. - Make a list of research achievement including titles, authors, publication dates, names of journals (volumes, issues, pages), etc. from your Master course to the time of applying to SNU. - If the journal is classified into 'miscellaneous' category, please provide additional information on the 'Remarks.'(eg: DOI) ※ The 'Performance/Exhibition' column is not for College of Engineering applicants.
7	Personal Essay	Personal Introduction	Personal introduction	- Include the key achievements and awards in research and education around (up to five pages)
8	Research and Teaching Statement	Personal Introduction	Education and Research Proposal	- Include information on courses that you can teach and want to develop and your mid-term and long-term research plans. (up to five pages)
9	Recommender Information	Recommender		- ★Please click 『 Recommendation Request 』 after nomination of recommenders★ - Nominate two or three recommenders in the same research field of the applicant - E-mail address of recommenders must be written accurately by the applicant in order to request the recommendation letters

No.	Document	Menu on SNU Faculty Recruitment Website	List of Required Documents to be uploaded	Remarks
				- **Recommenders must meet the deadline.** - If the recommender is not Korean, please mark 'Letter of Recommendation English' button so that he/she can receive the request mail in English
10	Letter of Recommendation - At least **two to three** letters of recommendation must be submitted via online recommendation website.			- Submissions are accepted only by online recommendation system. - The recommender must upload the recommendation letter (in pdf or MS word) **with signature or stamp** via online recommedation system. - The online recommendation system will be closed automatically right after the deadline. - Submission results of recommendation letters can be found on the website of the SNU Faculty Recruitment.
11	Final Submission			- Check if the files are correctly and successfully uploaded - After check the submitted documents and click 'Final Submission.'