College of Engineering, Seoul National University
Second Announcement of Faculty Openings 2022

1. Field(s) of Recruitment and Quota

Department	Field of Recruitment	Quota	Remarks	
Department of Civil and Environmental Engineering	Smart City (Cutting-edge convergence research)	1	· Open for any expertise related to civil, environmental and urban engineering · Open for female applicants only	
	Smart City	1	· AI applied transportation system field	
Department of Architecture and Architectural Engineering	Architectural Theory and History	1		· At least one of the positions is reserved for a candidate who either 1) does not hold a bachelor degree of Seoul National University or 2) holds a bachelor degree of Seoul National University in a field other than Department of Architecture and Architectural Engineering
	Architectural Computational Planning	1		
	Artificial Intelligence in Architecture, Engineering, and Construction	1	· Open for applicants who do not hold Korean citizenship	
Department of Mechanical Engineering	Nano/Bio Mechanical Engineering	1		
Department of Energy Systems Engineering (Department of Energy Resources Engineering)	Urban mining	1	· The positions is reserved for a candidate who either 1) does not hold a bachelor degree of Seoul National University or 2) holds a bachelor degree of Seoul National University in a field other than Department of Energy Resources Engineering)	
Department of Energy Systems Engineering (Department of Nuclear Engineering)	Nuclear Fusion Engineering	1		
Department of Materials Science and Engineering	Materials Design	1	· Please refer to the department's website(https://mse.snu.ac.kr) for more details.	
	Inorganic chemistry and synthesis of inorganic materials	1		
	Polymer Processing	1		

Department of Electrical and Computer Engineering	All areas in "semiconductor devices and integrated circuits", "biomedical engineering", "electro-physics and laser", "communications/networks and microwave engineering"	1	· The position is reserved for a candidate who either 1) does not hold a bachelor degree of Seoul National University or 2) holds a bachelor degree of Seoul National University in a field other than Department of Electrical and Computer Engineering
	Electric machine	1	· At least one of the positions is reserved for a candidate who either 1) does not hold a bachelor degree of Seoul National University or 2) holds a bachelor degree of Seoul National University in a field other than Department of Electrical and Computer Engineering
	Robot intelligence	1	
	All fields in computer area (preference on system software)	1	· Appointment on September 1, 2023
Department of Computer Science and Engineering	All areas in Computer Science and Engineering	1	
	Computer Foundation	1	· Open for applicants who do not hold Korean citizenship
	AI and Applications	1	· Joint appointment with Interdisciplinary Program in Artificial Intelligence
Department of Aerospace Engineering	Aerospace Control and Navigation, Mechanics of Aerospace Structures and Materials, Space Technology	1	· The position is reserved for a candidate who either 1) does not hold a bachelor degree of Seoul National University or 2) holds a bachelor degree of Seoul National University in a field other than Department of Aerospace Engineering
Department of Chemical and Biological Engineering	Biomedical Engineering	1	· Those who can lecture in chemical and biological engineering.

2. Qualifications

　A. The applicant must have a PhD degree.

　B. The applicant must meet all 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. Submission Period (All schedules are based on Korean Standard Time)

　A. Online submission: From September 29 (Thu) 10:00, 2022 to October 18 (Tue) 2022 by10:00am.

　B. Online request for recommendation letters by applicants:
　　From September 29 (Thu) 10:00 , 2022 to October 18 (Tue) 2022 by10:00am.

　※ The period is consistent with the online submission period.

　C. Online recommendation letter submission by recommenders:
　　From September 29 (Thu) 10:00 , 2022 to October 19 (Wed) 2022 by 23:59pm.

4. Term of Faculty Appointment (Contract)

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

5. Review Process

All applications will be reviewed in two stages. Specific criteria are given below. Details regarding procedures and evaluation methods can be found in Seoul National University, College of Engineering website (http://eng.snu.ac.kr, 'Detailed Implementation Regulations for New Full-time Faculty Recruitment at Seoul National University', available in Korean only)

　A. Field of specialization review (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) Open presentation or lecture

　　2) Personal essay and statement of research and teaching objectives

　　3) Appointment suitability

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 are NOT acceptable.

D. Documents not uploaded to the website of the SNU Faculty Recruitment and illegible documents are NOT 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 (please make sure to see the Attachment on required document checklist the required document checklist.)

1) Application form - one copy
2) Certificate of Diploma - one copy each
3) Certificate of Academic Transcript - one copy each
4) Certificate of Career - one copy each
5) Research achivements (at least two and upto three publications)
   ◈ Acceptance criteria for resaerch achivements - publication dates and author requirement
      ① 2~3 Research publications that were published (including online publications*) within the last **five years (since November 1st, 2017) from the application deadline** 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 The applicant must be the single author or the first author or the corresponding author of co-research for at least 2 research achievements

   ◈ Acceptance criteria for research achievements - publications 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/Overseas Dissertations published on academic journals (received full review)
         : excluding introduction, collection of dissertations from an academic conference, chapters of the books.
      ③ Patent registered to one of the G7 countries: Korean patents will not be recognized.
      ④ International-level academic conference publications(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, Department of Computer Science & Engineering yh0407@snu.ac.kr) for details.

⑤ Books: Books published by prominent international publishers (excluding book chapters, translations, redactions, and dictionaries).

⑥ 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 1 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 November 30th, 2022.**

③ For research dissertations carrying 'Certification of Expected Publication', dissertations must be submitted immediately upon publication **(by November 30th, 2022)** to jjuyang@snu.ac.kr. In addition, the published research achievement must be identical to the information submitted via the application form (additions, deletions, modifications 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

8. Announcement 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.

9. Scheduled Appointment Date

March 2023 or September 2023

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. Selected applicant(s) must deliver at least two English lectures per year for the following 5 years upon appointment

11. Notes

A. An applicant cannot apply for more than one position. 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 2022 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 first opening in 2023 until the application review for the second opening in 2022 is complete.

B. Applicants can send their request for recommendation letters to referees via online and referees log into the recommendation website to upload their recommendation letters. (please be noted 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 provision of personnel and faculty recruitment.

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. <u>If any certificates and/or documents are in a foreign language which is not English</u>

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 2022'

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 member(s).

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).

September 19, 2022

College of Engineering
Seoul National University

Required Document Checklist
for Application to Second Faculty Recruitment 2022

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. － The information should be written in the order of Bachelor → Master → Doctor
3	Certificate of Academic Transcript			－ The Certificate of Education (Diploma) and Academic Transcript must be uploaded seperately per degrees ▷ Examples of the file name · Bachelor_Diploma · Bachelor_Transcript
4	Certificate of Career (※including current position career)	Career Information	Certificate of Career	－ 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.
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** , please refer to the separate attachment － Contact respective offices for details on research achievement inquiry
6	List of Research Achievements	Overall Research Achievements	List of Research Achievements	－ Download the form in an 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), and etc. from Master study to SNU faculty opening application

No.	Document	Menu on SNU Faculty Recruitment Website	List of Required Documents to be uploaded	Remarks
				— If the journal is classified into 'miscellaneous,' please provide additional information on the 'Remarks.'(eg: DOI) ※ The 'Performance/Exhibition' column is not for Engineering candidates
7	Personal Essay	Personal Introduction	Personal introduction	— including the key achievements and awards in research and education around five pages
8	Research and Teaching Statement	Personal Introduction	Education and Research Proposal	— including information on courses that you can teach and want to develop. And your mid-term and long-term research plans. (total about 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 — **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 possible 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.