

Recruitment for College of Engineering researchers

□ Information on Eligibility and Contract

Position	Field	Quota	Detailed information	
Post-doctoral researcher	Mechanical Engineering (Prof. Joonbum Bae)	1명	Main Tasks	- Research on design and control of wearable systems, experiments on tele-operation and VR
			Eligibility	- A Ph.D. degree in mechanical engineering - Required to have intensive experiences on design of mechanical systems, wearable systems
			Preferences	- Research experience in closely related field
			Term	2021.03.01. ~ 2021.12.31.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	2,000,000 KRW
Post-doctoral researcher	Functional Intelligent Materials Laboratory (Prof. Young-Bin Park)	1명	Main Tasks	- Processing of fiber-reinforced composites using D-LFT and injection molding; composite characterization
			Eligibility	- A PhD degree in related field
			Preferences	- Research experience in closely related field
			Term	2021.03.01. ~ 2021.06.30.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	1,900,000 KRW
Researcher	Functional Intelligent Materials Laboratory (Prof. Young-Bin Park)	1명	Main Tasks	- Processing and characterization of high-temperature fiber-reinforced composites
			Eligibility	- A Master's degree in related field
			Preferences	- Research experience in closely related field
			Term	2021.03.01. ~ 2021.06.30.
			Working hours	- The five-day week - Working 14:00~18:00
			Monthly wage	920,000 KRW
Researcher	Nuclear decommissioning (Prof. Hee Reyoung Kim)	1명	Main Tasks	- The radiological safety assessment of workers in operation of the spent resin treatment facility
			Eligibility	- Master's degree or the prospective M.S. in February 2021 in the nuclear field
			Preferences	- More than 1 SCI journal publications in the nuclear field for recent 3 years - The experienced in the national research project of the nuclear field
			Term	2021.03.01. ~ 2022.02.28
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	2,700,000 KRW

Position	Field	Quota	Detailed information	
Post-doctoral researcher	First-principles calculation research (Prof. Sung Soo Park)	1명	Main Tasks	- VASP software-based first-principles calculation
			Eligibility	- Ph.D in materials science, physics or chemistry
			Preferences	- Capability of understanding the characteristics of metallic materials & proficiency in calculations using the VASP
			Term	2021.03.01. ~ 2022.02.28.
			Working hours	- The five-day week - Working Hour 9:00~18:00 - Break 12:00~13:00
			Monthly wage	3,000,000 KRW
Post-doctoral researcher	Polymer synthesis, biomaterials, eco-friendly coating (Prof. Chaenyung Cha)	1명	Main Tasks	- Perform experiments: polymer synthesis, coating and biomedical applications - Write reports and papers - Mentor students
			Eligibility	- PhD degree in chemistry, chemical engineering, material science, or any other related field
			Preferences	Research experience in closely related field, experience in polymer and soft material synthesis is preferred
			Term	2021.03.01. ~ 2022.02.28.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	2,200,000 KRW
Post-doctoral researcher	Controlling the Nano Magnetic Structures (Prof. Ki-Suk Lee)	1명	Main Tasks	Research on controlling magnetic domain and domain walls in ferromagnetic thin film
			Eligibility	A PhD degree in related field
			Preferences	Research experience in closely related field
			Term	2021.03.01. ~ 2022.02.28.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	3,345,351 KRW
Post-doctoral researcher	Geotechnical Earthquake Engineering (Prof. Byungmin Kim)	1명	Main Tasks	- Research on ground motion propagation simulations and recording earthquake motions and ambient noises
			Eligibility	- A PhD degree in related field
			Preferences	- Research experience in closely related field - Ability to write and communicate in English
			Term	2021.04.01. ~ 2022.03.31.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	3,500,000 KRW

Position	Field	Quota	Detailed information	
Researcher	Secondary battery (Prof. Seok Ju Kang)	1명	Main Tasks	- Research on battery anode synthesis and fabrication - Data analysis and interpretation
			Eligibility	A BS degree in related field
			Preferences	Research experience in closely related field
			Term	2021.03.01. ~ 2021.08.31
			Working hours	- The Mon-Fri - Working 13:00~17:00
			Monthly wage	920,000 KRW
Post-doctoral researcher	Electrochemistry (Prof. Hyun-Kon Song)	1명	Main Tasks	Research on a photo-rechargeable battery system
			Eligibility	Ph.D in related field or Prospective doctorate in February, 2021
			Preferences	Research experience in closely related field
			Term	2021.03.01. ~ 2022.02.28.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	3,000,000 KRW
Post-doctoral researcher	Computational Advanced Nanomechanics (Prof. Sung Youb Kim)	1명	Main Tasks	Research on characteristics of nanomaterials
			Eligibility	A Ph.D degree in related field
			Preferences	Research experience in closely related field
			Term	2021.03.01. ~ 2022.02.28.
			Working hours	- The five-day week - Working 9:00~18:00 - Break 12:00 ~ 13:00
			Monthly wage	3,000,000 KRW
Researcher	Chemical Engineering (Prof. Hankwon Lim)	1명	Main Tasks	- Process design/optimization/modeling - Process analysis based on ML/AI/CPS
			Eligibility	- B.S.
			Preferences	- Research experience in a closely related field
			Term	2021.03.01.~2022.02.28
			Working hours	- The five-day week - Working 9:00~12:00 (3hours)
			Monthly wage	900,000 won

※ Notice

- 1) No preference given to age or sex
- 2) A Ph.D. for Postdoctoral Researcher is required
- 3) Applicants can apply to only one field
- 4) Candidates may be selected for employment and may be hired according to their rankings if other vacancies in the same field become available within six months of appointment
- 5) Career or qualifications in each fields' requirement or preferred conditions must be supported with proofs such as certificates. In case submitted proofs are confirmed as false documents, acceptance can be cancelled.
- 6) Salary can be changed depending on experiences in the field through discussion. Extra payment may occur.
- 7) Details of the contract can be revised by mutual consent with the Project PI
- 8) **For Research administration field, contract will be yearly basis and can be extended up to 2 years.**

□ Document Submission and Screening

○ Application period: 2021.01.22. ~ 2021.02.08., 24:00 (*Korean time standard)

○ How to apply

- The submitted documents are converted into one PDF file (after scanning) and sent by e-mail(invitation-ns@unist.ac.kr)
- File name: 「Position-Recruitment Area: OOO(Applicant name)」
- Applications should be received by 24:00 on the due date(Korean time standard)

○ Documents to be submitted

Position	Submission documents	Remarks
Post-doc researcher	1) Applicant Form 2) Research Plan 3) Self introduction 4) Agreement to provide personal information to third parties	- Required documents - Refer to attachment
Researcher /Research Assistant	1) Applicant Form 2) Job and research performance report 3) Self introduction 4) Agreement to provide personal information to third parties	

- When filling out the application form, the relevant documents must be prepared in advance. Successful applicants will be canceled due to erroneous input. All responsibility for harm lies with the applicant
- According to blind employment, there is to be no submission of photograph, school name, name of advisor, credit, family relationship, family name, date of birth, and physical condition.

○ Selection: Document Screening, Interview Screening

- If there is no qualified person, the original number of candidates may be reduced or not selected.
- Those who are eligible for work protection are given additional points according to related laws (5% or 10% of the perfect scores by stage)
- Additional points are granted to the disabled in order to promote employment of persons with disabilities (5% of perfect scores by stage)

○ Final appointment

- Under article 33 of the National Civil Service Act regarding the disqualification conditions of the appointment of national civil services, successful candidates who are applicable of the disqualification conditions or failed in physical examination will be excluded from appointment.
- Persons whose identity has been identified as a result of an inquiry and a survey of candidates for recruitment (final interview candidates) in accordance with the original rules may be canceled through discussion.
- If a person is found to have a final appointment and has been found to have submitted false information, application forgery, or fraudulent employment, the appointment may be canceled as per Article 33 of the Civil Service Act.
- If an unsuccessful candidate wishes to retrieve one's application document, request can be made within 2 weeks of announcement.

Recruitment Schedule

Step	Schedule	Remarks
Application Period	2021.01.22. ~ 2021.02.08.	~24:00 on 2021.02.08.
Documents review	2021.02.09. ~ 2021.02.10.	Announcement of successful candidates: 2021.02.15.
Interview	2021.02.16. ~ 2021.02.17.	Announcement of successful candidates: 2021.02.19.
Appointment	2021.03.~	

*Schedules are subject to change.

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Contract

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