

## DGIST Tenure-Track MD-PhD Faculty Position Opening DGIST

Direct Link: <https://www.AcademicKeys.com/r?job=257698>

Downloaded On: Jun. 6, 2025 1:49pm

Posted Jun. 3, 2025, set to expire Jul. 11, 2025

<b>Job Title</b>	DGIST Tenure-Track MD-PhD Faculty Position Opening
<b>Department</b>	Academic Affairs Team <a href="https://www.dgist.ac.kr/">https://www.dgist.ac.kr/</a>
<b>Institution</b>	DGIST DAEGU, , South Korea
<b>Date Posted</b>	Jun. 3, 2025
<b>Application Deadline</b>	Jul. 11, 2025
<b>Position Start Date</b>	Oct. 1, 2025
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Robotics Mechatronics Energy Technology Electrical and/or Electronics Computer Science Bioengineering (all Bio-related fields)
<b>Job Website</b>	<a href="https://dgist.fairy.im">https://dgist.fairy.im</a>
<b>Apply Online Here</b>	<a href="https://dgist.fairy.im">https://dgist.fairy.im</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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### DGIST Tenure-Track MD-PhD Faculty Position Opening

DGIST, with the world-class research environment and highly talented students, is seeking exceptional faculty members to join our mission. Committed to becoming a 'Top-Class University that Changes the World,' we are honored to invite you to be a part of this mission.

#### 1. Position Categories

Assistant Professor (full-time tenure-track)

Associate Professor (full-time tenure-track)

Professor (full-time tenure-track)

#### 2. Number of Openings : Up to 4

#### 3. Hiring Departments and Academic Fields

##### 1) Department of Physics and Chemistry

Chemical and Physical Approaches for Translational Medicine and Medicinal Chemistry

- Molecular diagnostics, biosensing platforms, and imaging-guided therapeutic technologies (e.g., MRI, ultrasound, photoacoustics)
- Smart nanomaterials and precision drug delivery systems
- Targeted therapeutics (antibody-drug conjugates, proteolysis targeting chimeras, covalent inhibitors) and theranostic agents
- Bioinspired platforms for disease modeling and drug screening
- Non-invasive treatment technologies based on physical principles
- Chemical Biology and Biochemistry
  - Bioorthogonal chemistry
  - Molecular and activity-based probes

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- Fluorine chemistry, radiolabeling, and bioimaging technologies

**?Only applicants with an MD license and a Ph.D. in the relevant field (including those expected to obtain the degree by the appointment date) are eligible to apply.**

### **2) Department of Electrical Engineering and Computer Science**

All fields of BioMedical Engineering(BME) based on Electrical Engineering and Computer Science (AI, biosignal processing, medical imaging, medical devices, brain engineering, etc.)

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### **3) Department of Robotics and Mechatronics Engineering**

- Advanced Medical Imaging Technology and Systems for the Diagnosis of Brain Disorders
- Technologies for Brain Stimulation and Diagnostics for the Treatment and Monitoring of Brain Disorders
- Foundation Model-Based Diagnostics for Brain Disorders
- Translational Research for Clinical Applications of Advanced Medical Devices and Technologies

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### **4) Department of Energy Science and Engineering**

- Multiplexed and wireless sensing technologies for advanced health monitoring and interaction
- Biofuel-powered soft electronic skin for human-machine interfaces
- Interdisciplinary research combining energy harvesting, biofuels, soft robotics, and human-machine

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interface

- Sustainable energy solutions for powering next-generation wearable devices
- Wearable energy harvesting systems for powering electronic devices

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### 5) Department of Brain Sciences

- All areas in Brain Sciences (e.g., Molecular / Cellular / Systems / Cognitive / Computational neuroscience)
- Advanced Techniques applicable to Brain Sciences (e.g., Neuroimaging, Neuroelectronics, Omics, Bioinformatics, and Synthetic Biology)

**?Only applicants with an MD license and a Ph.D. in the relevant field (including those expected to obtain the degree by the appointment date) are eligible to apply.**

### 6) Department of New Biology

- Systems Biology
- Translational Research
- Aging and Cancer Biology
- Gene & Cell therapy

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### 4. Position Start Date and Procedure

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? Appointment date : Oct. 1, 2025

? The Appointment date can be adjusted in consultation with department.

? The evaluation, interview process, and final decision will be completed within three months after the application submission.

? Application Process:

1) Application Screening (Jul.~Aug., 2025)

2) Department Interview (on-site or online) (Aug., 2025)

3) Faculty Hiring Committee Interview (on-site or online) (Sep., 2025)

4) Final Decision (Sep., 2025)

\*Decision at each step will be communicated individually via email

### **5. Qualification**

? Applicants must hold a MD-PhD degree in a closely related engineering or science discipline at the time of the appointment.

? Proficiency in English is required, as all lectures at DGIST are conducted in English.

? Female candidates are strongly encouraged to apply.

### **6. Application Instructions & Required Documents**

? Application Period

May. 30, 2025(Fri.) 09:00 ~ Jul. 11. 2025(Fri.) 17:00(GMT+09:00)

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? Application Website: <https://dgist.fairy.im>

? Required Documents:

1) Curriculum Vitae

2) Teaching Plan

3) Research Plan

4) Personal Statement

5) Maximum Five Representative Achievements (selected from Journal Publications, Books, Patents, or Research Support), with mandatory submission of supporting documents

6) Contact Information for Reference Letters (three or more): The information should include the institution, department, position, email address, phone number, and the relationship with the applicant.

\*Note: Reference letters are required only for the candidates who pass the application screening stage. These letters should be sent directly to the corresponding department prior to the interview.

### **7. Benifits & Support (Start-up Package)**

?Start-up Funds Support at the highest level in Korea

?Faculty Residence : 76 to 132 m<sup>2</sup> units (130 units in total)

Support for on-campus housing deposit and monthly rent provided for up to six years

?Individual Research Offices and Laboratories

?Graduate Student Stipend Support

?Relocation Expenses Support

?Other : Travel Expense Support for Applicants

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### **8. Promoting Gender Equality and Work-life Balance**

DGIST is dedicated to creating an inclusive and equitable environment. We actively promote gender equality and implement work-life balance initiatives to support faculty members in achieving both professional excellence and personal fulfillment.

#### **1) During Pregnancy**

Reduction of working hours (considered paid working time)

Regular leave for medical checkup

Leave for fertility treatments

#### **2) Post Pregnancy**

Monetary gift for childbirth

Maternity leave

Leave for miscarriage and Stillbirth

#### **3) During Parenting**

Reduction of working hours during the childcare period

Childcare leave (including paternity leave)

On-campus and off campus daycare centers

#### **4) Housing Support**

On-campus faculty apartment provided

### **9. Matters of Consideration**

? Applications will be accepted on a rolling basis until the position is filled.

? Selected candidates at each stage will be notified individually with detailed information regarding the terms of employment.

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? The appointment shall be canceled under the following circumstances:

- If false entries or modifications are found in the application form.
- If the candidate fails to obtain a doctoral degree at the time of appointment.

? The appointment and acceptance will also be canceled if the candidate, or someone closely related to the candidate, engages in any form of misconduct, such as making improper requests, exerting pressure, or offering financial benefits in relation to the hiring process, resulting in their unfair selection.

? Appointment will be restricted if the candidate is subject to disqualifications, set out in the State Public Officials Act, (Article 33), or the DGIST Regulation on Faculty Personnel Management, (Article 12).

? Matters not specified in this announcement will be governed by DGIST Faculty Personnel Management regulations and related policies.

? For inquiries, please contact the Academic Affairs Team at DGIST:

- Email: [faculty@dgist.ac.kr](mailto:faculty@dgist.ac.kr)
- Website: <https://dgist.fairy.im>

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Academic Affairs Team  
Academic Affairs Team  
DGIST  
Techno Jungang Daero 333  
Hyeonpung-Eup, Dalseong-Gun



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