

MECHANICAL ENGINEERING



Engineering for
Value Creation

기계공학과 미션

ME

VISION

인간 중심의 새로운 공학가치를 창조하는 세계 Top 10위 기계공학과

MISSION

지식의 한계를 뛰어넘고, 도전과제에 대한
솔루션을 제공하는 세계 최고의 연구



기계공학 분야의 기초지식을
바탕으로 한 선도적 / 창의적인
사고를 지닌 미래의 리더 양성



교육과 연구 결과를
기반으로 하는 사회공헌

인재상(2024)

글로벌 대전환 시대를 선도하는, 끊임없이 도전하는 기계인



たく월함과 통찰력으로
미래비전을 제시하는 인재



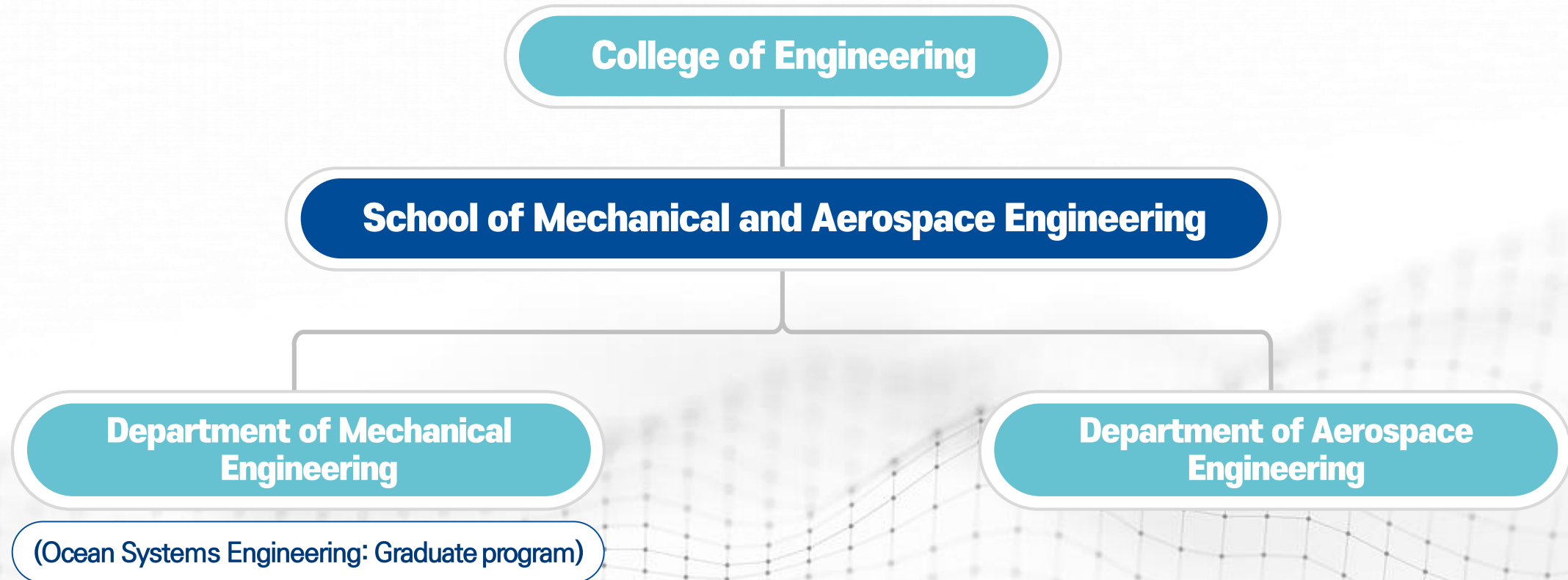
미래를 상상하고
가치를 창출하는 인재



세계를 품고 공동체와 함께
성장하는 인재

Organization Chart

ME



OUTLOOK

ME

KAIST Department of Mechanical Engineering(ME) AT A GLANCE



PEOPLE

183

학사과정 재학생 수(23년 10월 기준)

612

석박사 과정 재학생 수(23년 10월 기준)

115

교수 (56 전임직 교원, 37 명예교수, 22 비전임직 교원)

7,620

졸업동문(2,251 B.S. / 3,575 M.S. / 1,794 Ph.D.)



HONORS

39th

in QS 세계대학랭킹 (24년)

40th

in ARWU 세계대학랭킹 (23년)

35th

in THE 세계대학랭킹 (23년)

All TOP ranked in Korea

대한민국 최고순위 랭킹평가 이래 지속적으로 유지



RESEARCH

43.1 Billion KRW

연 431억원 규모 연구비

2,279

2016년 이후 SCI 저널논문 수

5.3

교원 1인당 평균 SCI 논문 수

640

2016년 이후 특허 등록 수

54

2016년 이후 기술이전 수



GLOBAL

34

(16Asian, 11European,
1 Oceania and 6 North American Univs.)

세계 대학들과의 MOU체결

Global Reputation of KAIST ME

ME

2024 QS Ranking



Engineering - Mechanical 부문

'15

'16

'19

'20

'21

'22

'23

'24

46

41

40

41

39

41

42

56



KAIST Overall

5대 미래 분야

Digital twin for design and Prognostics

Additive and digital production

Multi-domain future mobility (FM)

Medical mechatronics for life-saving and Rehabilitation

CSE-Free Energy (Carbon, Supply, Side-Effect)

미래분야

(기계 없는 기계공학)

디지털 대전환,
에너지 대전환, 고령화

5대 초미래 분야

Imperceptible machine

In house fabricator

Zero to negative carbon energy

Transformable multi domain mobility

Tailored artificial organ manufacturing

기계과 지도



대전광역시 유성구 대학로 291
한국과학기술원 기계공학동(N7)

유성구
Yuseong-gu

KAIST

대덕구
Daedeok-gu

동구
Dong-gu

중구
Jung-gu

서구
Seo-gu

N7-4 / N7-5

기계공학동
(Mechanical Engineering B/D)

N27

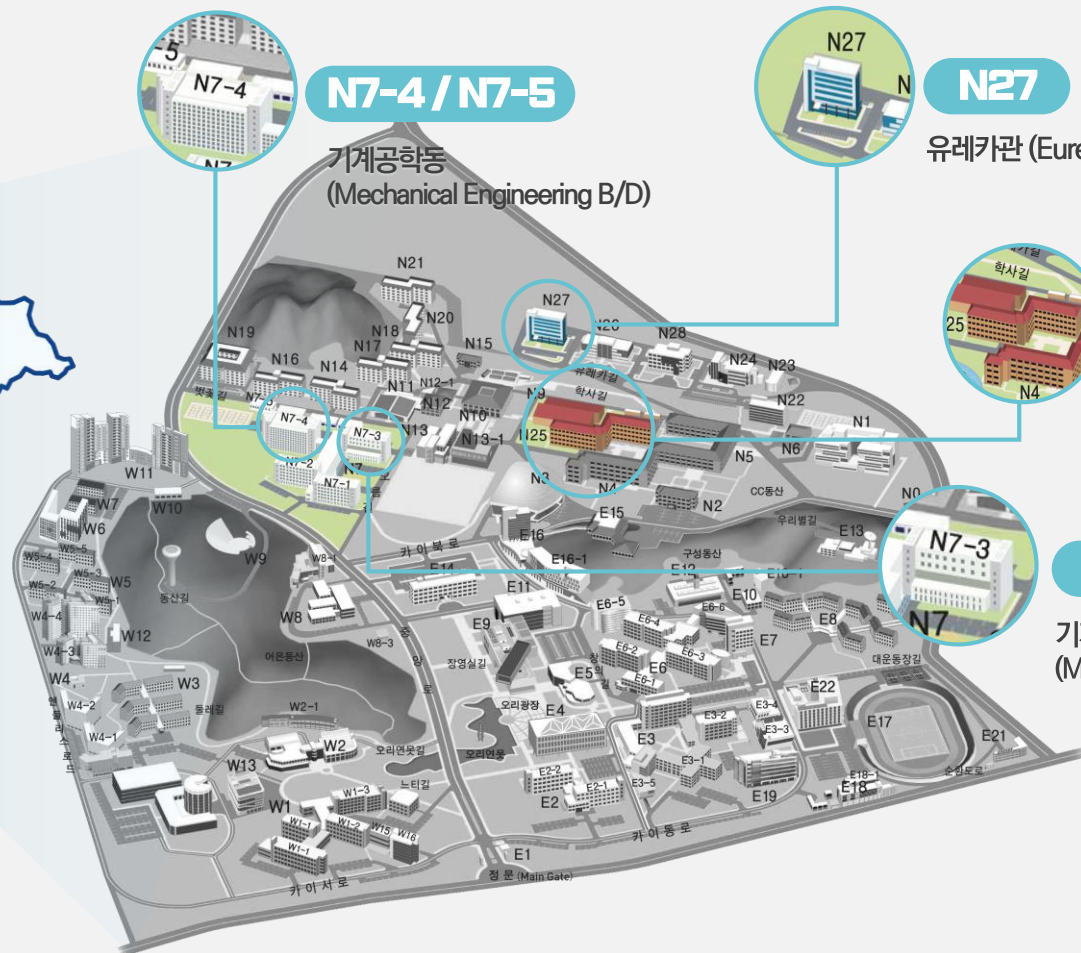
유레카관 (Eureka Hall)

N9

실습동 (Practice B/D)

N7-3

기계공학동
(Mechanical Engineering B/D)



Students (2024. 4)

Ratios by Programs

24.8%

Undergrad Program

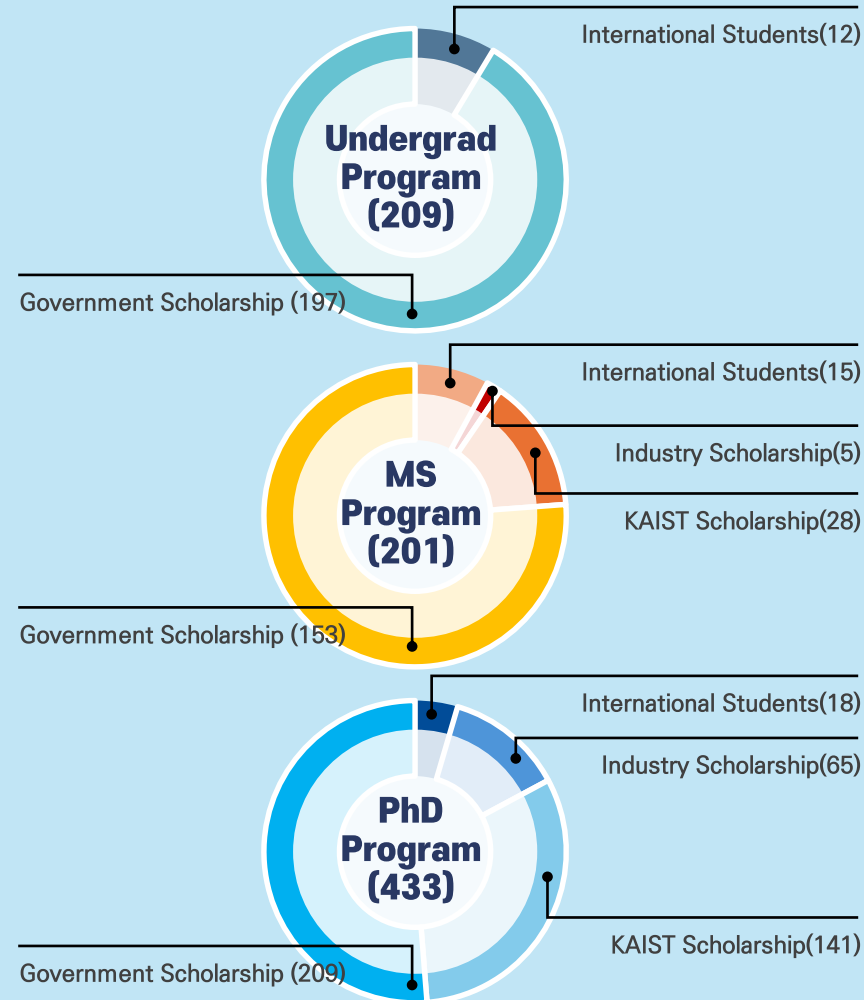
23.8%

MS Program

51.4%

PhD Program

Total 843



Ratios by Financial Support type

66.3%

Government (559)

20%

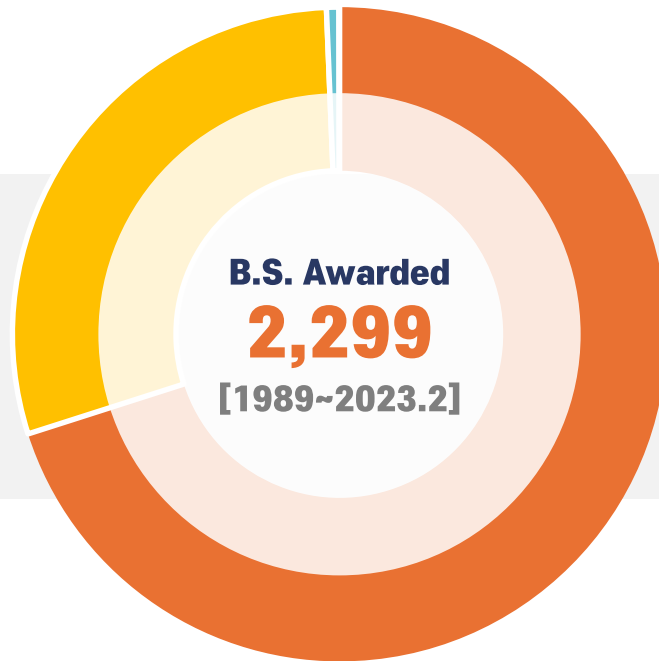
KAIST (169)

8.3% Industry (70)

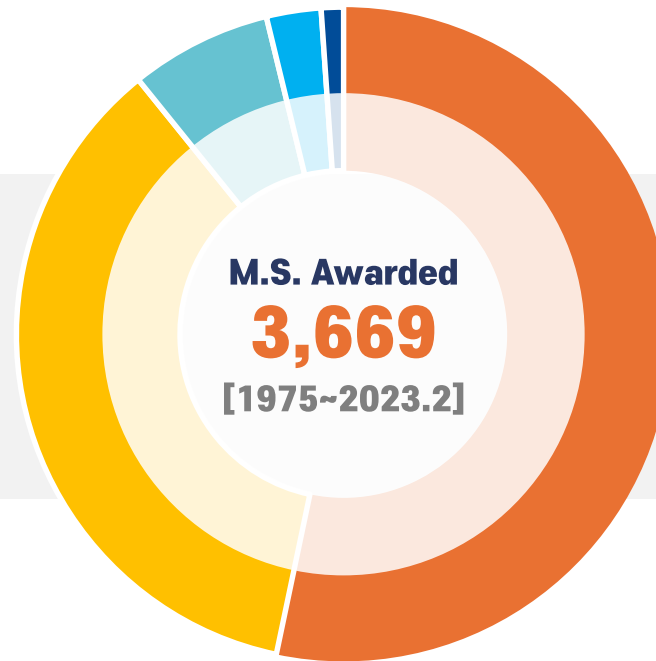
5.3% International (45)



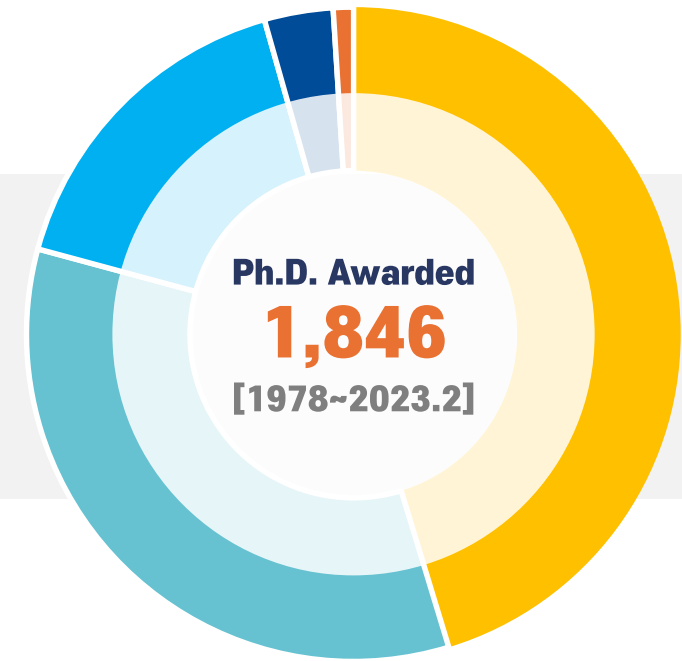
Post Graduation Survey (2023. 2)



- Higher Degree **68.2%**
- Industry **28.5%**
- Research Institute etc. **3.3%**



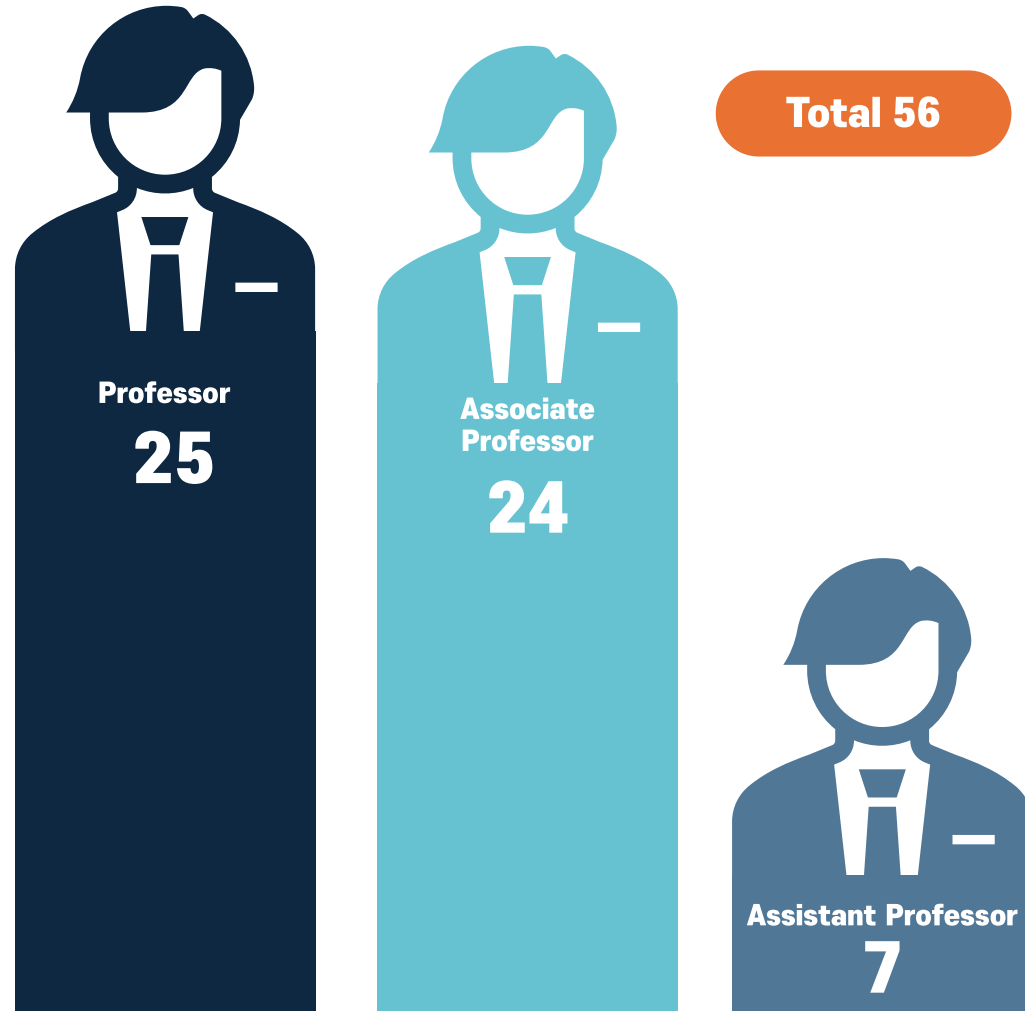
- Higher Degree **40.2%**
- Industry **41.9%**
- Research Institute **11.3%**
- University **3.3%**
- Government Office etc. **3.3%**



- Industry **48.8%**
- Research Institute **32.5%**
- University **13.3%**
- Government Office **2.9%**
- Startups etc **2.5%**

Research Fields of Faculty

ME



Research Areas

Sub total 56

Robotics, Control and Mobility

12

Materials, Mechanics and Manufacturing

19

Energy, Environment and Ocean

13

Healthcare, Nano and Optics

12

New Faculty



AHN, Song Ih



NAM, Donguk



KIM, Ji Tae



HWANG, Joonsik

Education - 학부과정

학부과정 이수요건

	23학년도 이후 입학생	22학년도 이후 입학생	16학년도 이후 입학생	15학년도 이전 입학생
졸업이수학점	총 138학점 이상 이수	총 136학점 이상 이수		총 130학점 이상 이수
학과지정 기초선택	총 9학점 이상 이수(복수전공 이수자는 3학점 이상 이수) 기초선택 3과목(선형대수학개론, 응용미분방정식, 응용해석학) 중 2과목 이상을 포함 하여 9학점 이상 이수			
전공	총 45학점 이상 이수 •전공필수: 9학점 (기계기초실습(3), 창의적시스템구현I(3), 공학설계(3), 전공필수과목 9학점 초과 이수시, 초과학점은 전공선택 학점으로 인정될 수 있음) •전공선택: 36학점 (기반과목 9개 ‘고체역학, 동역학, 시스템모델링 및 제어, 열역학, 열전달, 유체역학, 응용전자공학, 재료와 가공의 이해, 진동공학’ 중에서 5과목 이상 이수)	총 48학점 이상 이수 •전공필수: 12학점 (기계기초실습, 기계공학실험, 창의적 시스템 구현, 공학설계) •전공선택: 36학점 (기반과목 9개 ‘고체역학, 동역학, 시스템모델링 및 제어, 열역학, 열전달, 유체역학, 응용전자공학, 재료와 가공의 이해, 진동공학’ 중 반드시 5과목 이상 수강))	총 59학점 이상 이수 •전공필수: 12학점 (기계기초실습, 기계공학실험, 창의적 시스템 구현 + 공학설계(2014학년도부터)) 전공선택: 47학점 (기반과목 9개 ‘고체역학, 동역학, 시스템모델링 및 제어, 열역학, 열전달, 유체역학, 응용전자공학, 재료와 가공의 이해 + 진동공학(2014학년도부터)’ 중 반드시 7과목 이상 이수)	

Education - 대학원과정

대학원과정 이수요건

	석사과정 (논문석사)	박사과정
졸업이수학점	총 36학점 이상 이수	총 63학점 이상 이수
공통필수	<p>3학점</p> <p>학과 지정 과목: CC500 Scientific Writing, CC510 전산응용개론, CC511 확률 및 통계학, CC512 신소재과학개론, CC522 계측개론, CC530 기업가정신과 경영전략</p> <p>※ 리더십 강좌는 무학점이나 2002학년도 입학생부터 반드시 이수해야 함. (일반장학생과 외국인 학생 제외)</p> <p>※ CC020 윤리 및 안전 I</p> <p>※ CC532 협력시스템설계 과목은 Renaissance Program 참여 학생과, 일반장학생으로 입학한 석사과정 학생이 수강한 경우 CC과목으로 인정함</p>	<p>3학점</p> <p>학과 지정 과목: CC500 Scientific Writing, CC510 전산응용개론, CC511 확률 및 통계학, CC512 신소재과학개론, CC522 계측개론, CC530 기업가정신과 경영전략, CC020 윤리 및 안전 I</p>
전공필수	없음	
선택	<p>총 21학점 이상 이수 (기계공학과 개설교과목 12학점 이상 이수)</p> <p>※ 복수학위 학생의 경우, 선택과목을 타대학(원) 기이수학점으로 인정받으면, 인정받은 학점은 기계공학전공에서 개설된 선택과목을 이수한 것으로 인정할 수 있다.(KAIST-TUB 복수학위 제외)</p> <p>※ 특강과목 이수 : 총 9학점 이내 인정</p>	총 30학점 이상 이수
연구	<p>총 12학점 이상 이수 (세미나 2학점 필수)</p>	총 30학점 이상 이수

대학원생 복지

ME

Stipend 제도

01

- 1) 내용 : 석·박사과정 학생의 안정적인 학업 및 연구환경 조성을 위해 매월 기준금액 이상의 학연지원금을 지원
- 2) 대상 : 석·박사과정 재학생(국비학생, KAIST장학생)
※ 연차초과자, 산학장학생, 일반장학생 및 일부 학과 제외
- 3) 기준금액 : (석사) 80만원/월/인, (박사) 110만원/월/인

석사학자금

02

- 1) 대상 : 석사과정(국비학생) 재학생(연차초과 제외)
- 2) 금액 : 265,000원/월/인

일반조교수당

03

- 1) 대상 : 박사과정(국비학생) 재학생(연차초과자 제외)
- 2) 금액 : 450,000원/월/인

국비TA수당

04

- 1) 대상 : 석·박사과정 재학생(국비학생, 연차초과자 제외)
- 2) 금액
 - 석사과정 : I유형 535,000원/월/인, II유형 267,500원/월/인
 - 박사과정 : I유형 550,000원/월/인, II유형 275,000원/월/인



Materials, Mechanics and Manufacturing



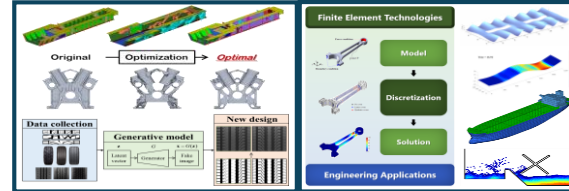
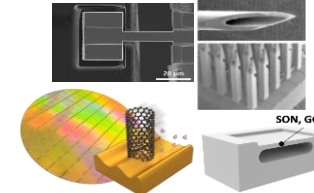
We keep strengthening our global leadership in the field of Materials, Mechanics, and Manufacturing by establishing fundamentals in mechanics, by analyzing and applying new materials and structures, and by developing design and production strategies based on innovative theories and AI algorithms to realize high-reliability, high-precision, and intelligent system, which is essential in the key national industries, including automotive, semiconductor, aerospace, shipbuilding, electronics, and energy.



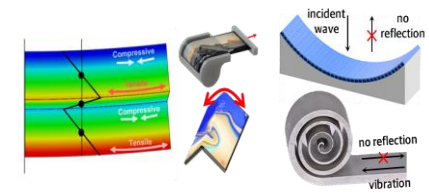
Customized & Personalized Manufacturing with High Process Flexibility



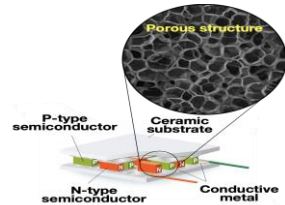
Optimized Design, Computer Modeling & Simulation, Digital Twin



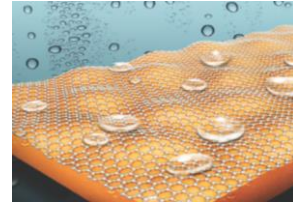
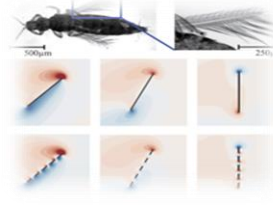
Micro/Nano Ultra-Precision Machining & Measurement



Rollable/Foldable Multi-Layered Devices & Noise/Vibration Cancelling Composite Structures



Mechanical Design using Advanced Nano Materials



Fluid-Structure-Environment Interaction



AI/Big-Data Infused Design & Manufacturing

- Establish fundamentals in mechanics to quantitatively understand and effectively utilize physical phenomena that exist in a variety of ways from everyday life to industries.
- Analyze thermal & mechanical characteristics of various materials, such as metals, polymers, ceramics, composites, and advanced materials, and their structures and systems.
- Understand mechanics and develop analysis techniques for macroscopic systems such as automobiles, aerospace, and shipbuilding, and for microscopic systems such as semiconductors, electronic components, and secondary batteries.
- Develop optimal design techniques and advanced production processes, which is essential for high value-added manufacturing industries.
- Realize intelligent and autonomous material characterization and manufacturing processes for future customized flexible production system.
- Utilize AI and big data in the entire manufacturing cycle, 'material development – shape design – process optimization'.

Materials, Mechanics and Manufacturing

ME

Faculty



JEON, Wonju



KIM, Dae Gyoum



KIM, Hyungsoo



KIM, Ji Tae



KIM, Sanha



KIM, Seongsu



KIM, Taek-Soo



LEE, Ikjin



LEE, Jungchul



LEE, Phill-Seung



LEE, Seung Seob



LEE, Seungchul



NAM, Donguk



OH, Ilkwon



RYU, Seunghwa



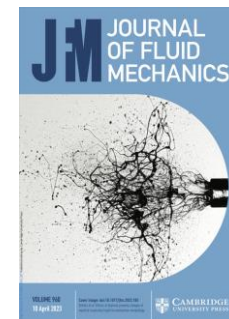
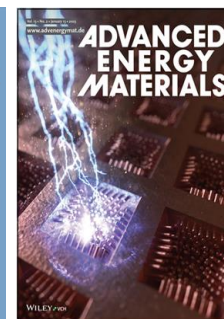
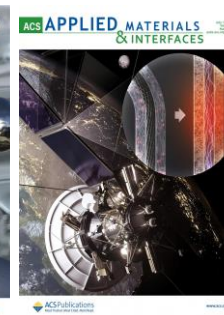
SIM, Gi-Dong



YOON, Jeong Whan



YOON, Yong Jin



Robotics, Control and Mobility



Our research group aims to enhance the visibility of mechanical engineering technologies required by the 4th Industrial Revolution and to support related domestic industries for global technological competitiveness. Our research areas include intelligent robots and future mobility that represent cutting-edge research in mechanical engineering and, in addition, medical and rehabilitation robotic research that can improve the quality of human life.



Humanoid and multi-legged robots



Medical, rehabilitation and wearable robots



Future mobility, transportation and mobile robots



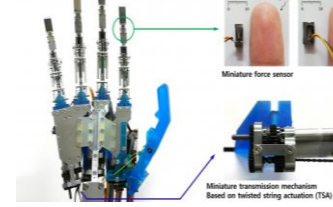
Machine learning and computer vision



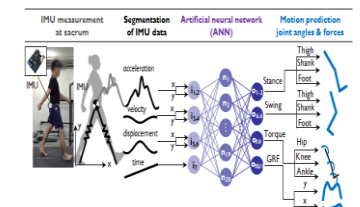
Vibration, sound, vision and emotional engineering



Soft robotics, sensors and actuators



Design and control of mechatronic systems



Biomechanics and machine-learning based healthcare

- Design and control of mechatronic systems representing intelligent advanced machines as the combination of mechanical and electronic systems
- Future mobility and mobile robot technologies that will change the paradigm of transportation and logistics
- Humanoid and multi-legged robots as new mobility platforms to overcome the limitations of existing mobile robots
- Medical, rehabilitation and wearable robots that will play a key role in improving the quality of human life in a rapidly aging society
- Development of soft robot, sensor and artificial muscle driver technology to overcome the limitations and disadvantages of existing sensors and actuators
- Emotional engineering technology that analyzes the characteristics of hearing and visual functions and actively reflects them in product design
- Maximize the usefulness of technology in real-world physical environments by incorporating software technology, machine learning and computer vision technology into machine/hardware systems

Robotics, Control and Mobility

ME

Faculty



CHOI, Seibum



HWANGBO, Je Min



KIM, Jinwhan



KIM, Kyung Soo



KONG, Kyoungchul



KYUNG, Ki-Uk



LEE, Doo Yong



NOH, Minkyun



PARK, Hae-Won



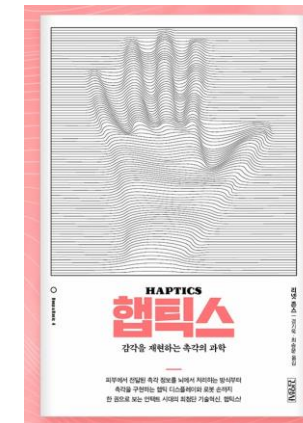
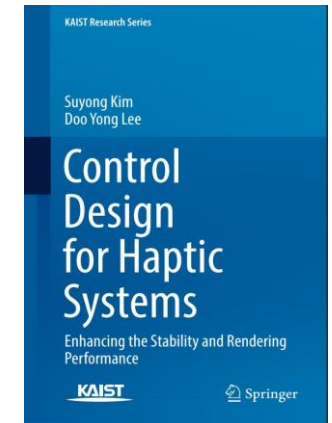
PARK, Hyung-Soon



PARK, Yong-Hwa



YOON, Kuk-Jin



Energy, Environment and Ocean

ME

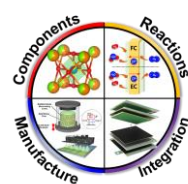
Research on state-of-the-art technologies for response to climate change and sustainability: Carbon-neutral & Eco-friendly & Highly Efficient Energy Conversion/Storage/Transfer System, Carbon-neutral Power Generation, Ocean Renewable Energy (Wind Power/Photovoltaics/Tidal Power), Large-scale Energy Storage.



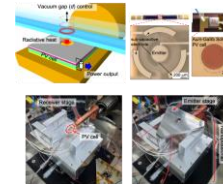
Liquid Hydrogen Storage



Cryogenics Cryocooler Design Applied Superconductivity



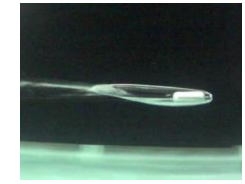
Fuel Cells / Electrolysis Cells



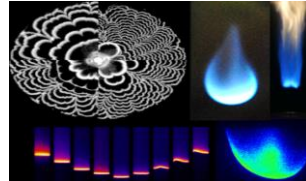
Energy Conversion Devices



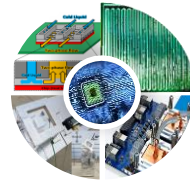
Carbon-neutral Energy Technology



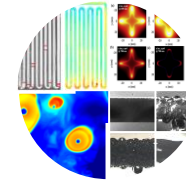
Fluid Mechanics / Supercavitation

Environmental Fluid Dynamics /
Environmental Sensing

Clean Combustion Technology



Cooling Technology for Semiconductor



Heat Transfer Enhancement



Hydrogen Energy System



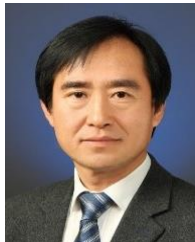
Autonomous Surface Ship Technology

- New energy conversion and storage technology for green hydrogen production and eco-friendly power generation
- Multi-scale energy system design for CO₂ capture and emission reduction technology & hybrid/hydrogen engine toward carbon-neutrality
- Free-shape liquid hydrogen storage & Cryogenic applications research & Superconducting quantum computers
- Heat transfer & fluid mechanics-based technologies including combustion system control, AI-based heat exchange design, nanoscale thermal energy transfer, and supercavitation
- Global infrastructure technology for marine data-based statistical analysis, renewable energy exploration technology and intercontinental energy transport system
- Thermal management technology for wearable & portable devices and data management center for artificial intelligence / big data / cloud computing

Energy, Environment and Ocean

ME

Faculty



BAE, Choong sik



BAE, Joong myeon



CHANG, Dae jun



CHO, Yeun woo



HWANG, Joonsik



JEONG, Sangk won



KANG, Joon sang



KIM, Nam il



KIM, Sung jin



KIM, Sung yong



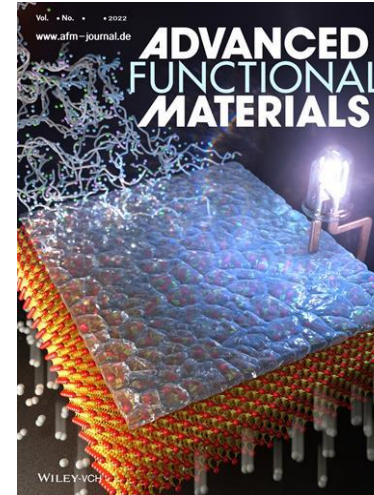
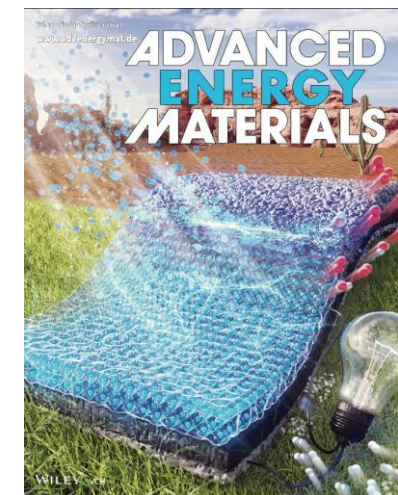
LEE, Bong jae



LEE, Kang taek



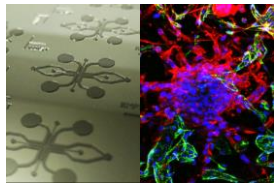
NAM, Young suk



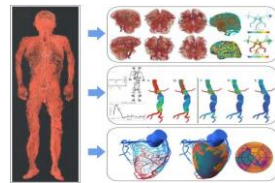
Healthcare, Nano and Optics



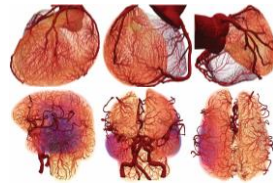
We investigate the mechanical properties of biological systems ranging from cells to tissues to the human body, and develop sensors, microfluidic chips, disease models, biomaterials, and algorithms for diagnosis and treatments. We also perform researches on the high-tech sensors, actuators, and displays based on the design and manufacturing of micro/nanoscale materials and structures. In addition, we develop novel photonic measurement, machining, patterning, and imaging technologies, and explore their application to healthcare and various industrial manufacturing processes.



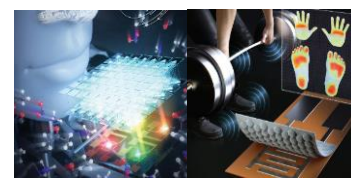
Lab-on-a-chip & organ-on-a-chip



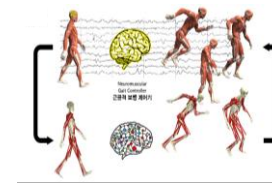
Diagnosis of Cardiovascular Disease



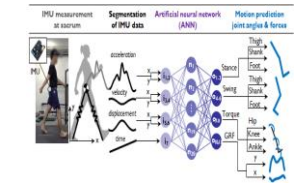
Computational Biomechanics



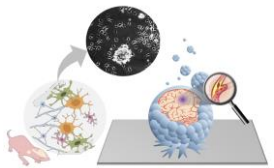
Micro/nano-structure based environment
& healthcare sensors



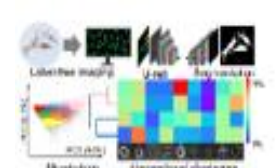
Human musculoskeletal digital twin



AI-based human dynamics estimation



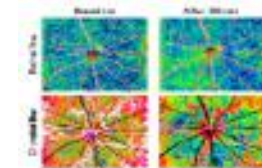
Cell-Based Disease Model



AI-Based Cellular Morphotyping



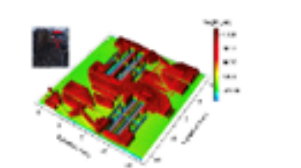
Optical biomedical imaging technology



Photonic blood flow imaging for early
disease diagnosis



Ultra-fast laser based
ultra-precision patterning



Ultrahigh-speed & Precision
3D photonic imaging

- Development of organ and disease models, AI-based cell classification algorithms, and patient-specific drug screening technologies
- Understanding the dynamics and control mechanisms of the musculoskeletal and nervous systems for human movement and apply them to customized healthcare and sports training
- Development and application of computerized methods for accurate understanding of biological and industrial systems
- Development of cutting edge photonic imaging technologies and application to healthcare and industrial manufacturing processes
- Development of ultrafast laser-based ultra-precision measurement/control/manufacturing/patterning technologies
- Development of nanosensor devices and systems and application to healthcare and environment IoT

Healthcare, Nano and Optics

ME

Faculty



AHN, Song Ih



**JEON, Jessie
Sungyun**



KIM, Hyun jin



KIM, Jung



KIM, Jung won



KIM, Young jin



KOO, Seung bum



OH, Wang yuhl



PARK, In kyu



PARK, Sun yung



**SHIN, Jennifer
Hyunjong**



YOO, Hong ki



ME Startups

ME

Faculty Startups



Founder GWEON, Dae-Gab
Year of establishment 2006
Web page <http://www.nanoscope.co.kr>



Founder KWON, Dong-Soo
Year of establishment 2018
Web page www.roensurgical.com



Founder BAE, Joongmyeon
Year of establishment 2009
Web page <http://www.hnpower.co.kr>



Founder LEE, Seung Seob
Year of establishment 2021
Web page <http://a2us.co.kr>



Founder OH, Jun-Ho
Year of establishment 2011
Web page www.rainbow-robotics.com



Founder KIM, Kyung-Soo
Year of establishment 2021
Web page www.f-ev.co.kr



Founder OH, Jun-Ho
Year of establishment 2011
Web page www.rainbow-robotics.com



Founder CHANG, Daejun
Year of establishment 2023
Web page <http://gigaette.com>



Founder LEE, Seung Seob
Year of establishment 2017
Web page <https://www.jmicro.co.kr>



Founder HWANG BO, Jemin
Year of establishment 2023
Web page raionrobotics.com

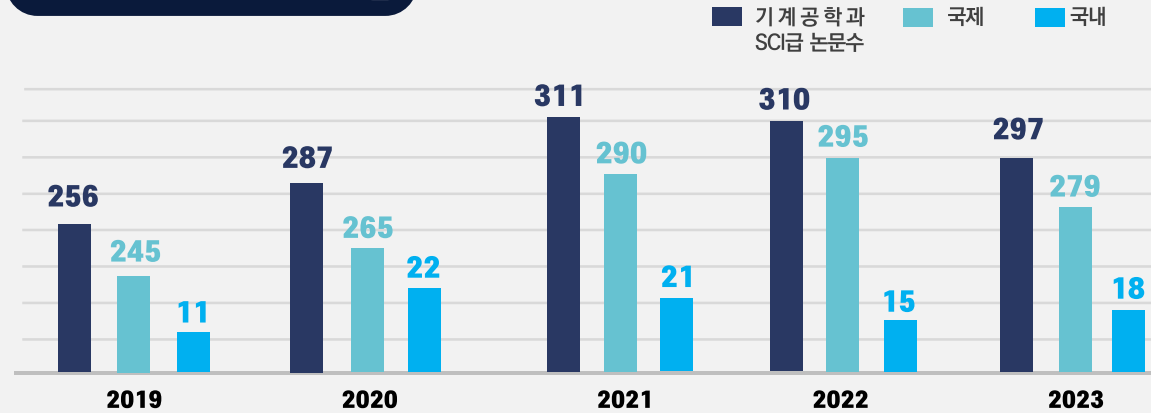


Founder KONG, Kyoungchul
Year of establishment 2017
Web page www.angel-robotics.com

Research

ME

연도별 SCI급 논문 현황



2023년도 연구비 수주현황

연구비 수주액 **771억**

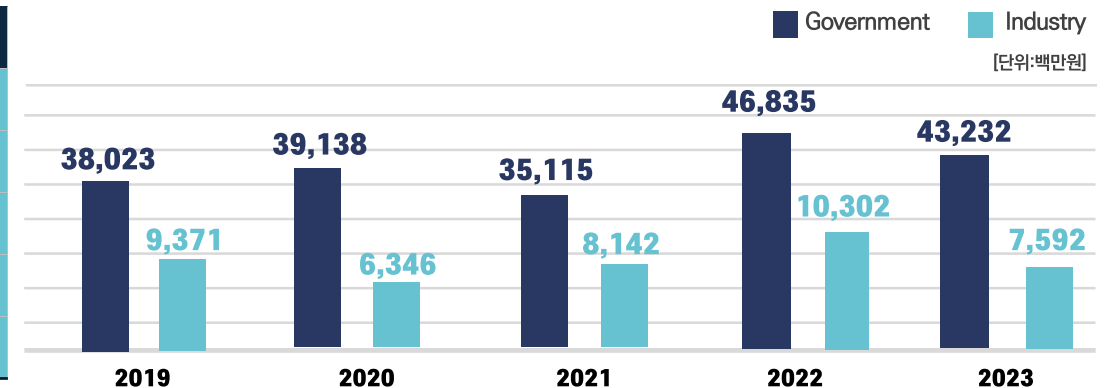
연구비	금액(억)	과제 수
3억 미만	435	465
3억 이상 5억 미만	165	44
5억 이상 10억 미만	92	13
10억 이상	79	4
계	771	526

※ 과제 시작연도를 2023년 기준으로 산정한 자료임.

과제구분별 연구비 수주액

[단위: 일 억원]

연도	정부출연	민간출연	총 합계
2019	380	94	474
2020	391	63	454
2021	351	81	432
2022	468	103	571
2023	432	76	508



Centers



Center for Noise and Vibration Control (NOVIC+)

Year established : 1993
Prof. Youngjin Park

Human-Robot Interaction Research Center

Year established : 2004
Prof. Kyung, Ki-Uk

Humanoid Robot Research Center

Year established : 2005
Prof. Park, Hae-Won

Ultrafast Optics for Ultraprecision Technology Research Group

Year established : 2008
Prof. KIM, Young-Jin

High Speed Mechanical Properties Data Center

Year established : 2010
Prof. YOON, Jeong Whan

Kaist Ocean Technology Center

Year established : 2011
Prof. LEE, Phill-Seung

Center for Functionally Antagonistic Nano-Engineering: Creative Research Initiatives (CRI)

Year established : 2015
Prof. Il-Kwon Oh

Korea Innovative Technology Startup Center

Year established : 2016
Prof. BAE, Joongmyeon

Rehabilitation Engineering for Neurological disorders Worldwide Center (RENEW Center)

Year established : 2019
Prof. PARK, Hyung-Soon

KAIST-HHI Research Cooperation Center

Year established : 2019
Prof. LEE, Phill-Seung

AI(Advanced and Intelligent) Platform Center for Manufacturing

Year established : 2020
Prof. YOON, Jeong Whan

KAIST-CERAGEM Next Generation Healthcare Research Center

Year established : 2021
Prof. PARK, Hyung-Soon

Research center for next-generation metalsupported protonic ceramic fuel cells

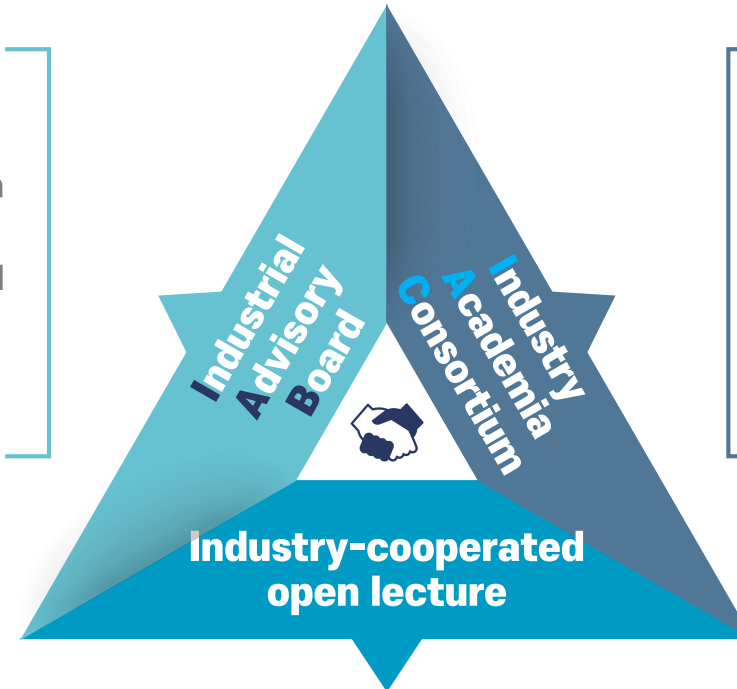
Year established : 2021
Prof. BAE, Joongmyeon

Daedong-KAIST Research Center for Mobility

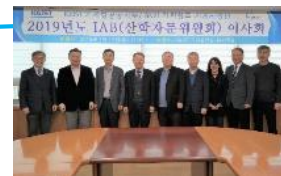
Year established : 2022
Prof. KIM, Kyung-Soo

Industry Collaboration Status

- Consultation and Evaluation of Department education and research activities
- IAB Annual Boards Meeting consisting of ten industry representatives
- Systematization of Industry cooperation and Providing specialized human resources
- Direct bridge between KAIST-Industry for promoting cooperation and mutual relationship



- Establishing systematic collaboration specifically for academic-industry challenges
- Consulting technology problems in Industry
- Dispatch of cooperation human resources
- Educating specialized human resources



- Providing research expertise from traditional and new areas of ME

198 open lectures held since 1982

Industry Collaboration Programs

ME

1999

**SHI-KAIST** Samsung Heavy Industries**POSCO-BK21**

2005

**HANON-KAIST** Hanon Systems**DHI-KAIST** Doosan Heavy Industries

2006

**DI-KAIST** Doosan Infracore**DSME-KAIST** Daewoo Shipbuilding and Marine Eng.

2008

**STX-KAIST** Daewoo Shipbuilding and Marine Eng.

2010

**SCP-KAIST** Samsung Corning Precision Materials**LG-KAIST** LG Electronics**MI-KAIST** Microinspection

2013

**KATECH-KAIST** Korea Automotive Technology Institute

2015

**HHI-KAIST** Hyundai Heavy Industries

2016

**HYUNDAI-KAIST** Hyundai Motor co.

2018

**NAVER LABS-KAIST** Naver Labs.**KIMM-KAIST** Korea Institute of Machinery & Materials

2021

**CERAGEM-KAIST** CERAGEM

2022

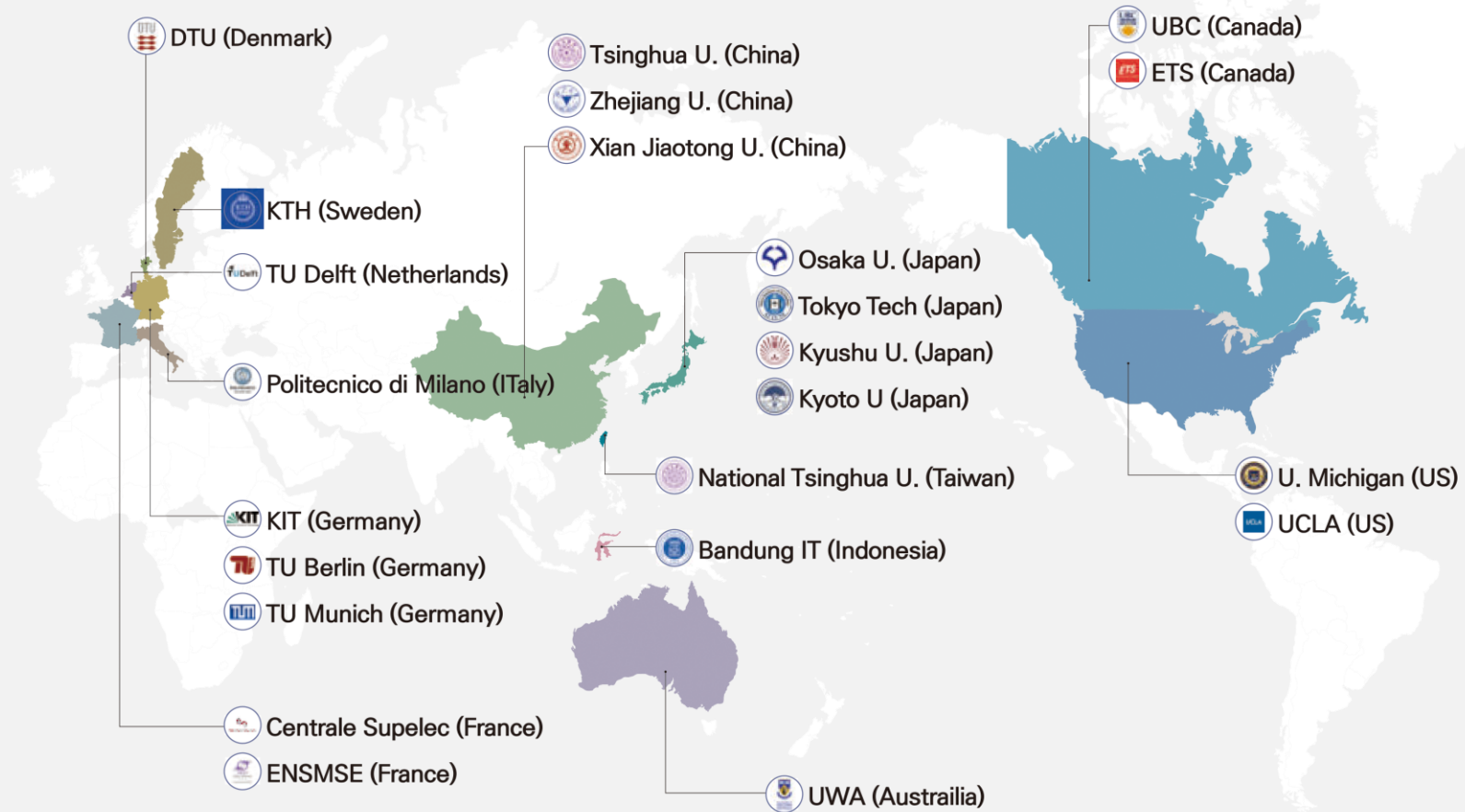
**DAEDONG-KAIST** Daedong

2024

**HYUNDAI-KAIST** Hyundai Electric**LIG Nex1-KAIST** LIG Nex1

International Collaboration

ME

**Dual Degree Program**

In-bound 54 students/ Out-bound 19 students (2014~2024)

Dual degree

복수학위프로그램 Outbound 절차

01 모집

- 모집기간
 - 9월 경(1차) / 3월 경(파견학생 선발)
- 모집대상
 - 기계공학과 석사과정(22년 가을학기 및 23년 봄학기 합격생)

02 선발

- 선발기준
 - 학업(GPA 3.5 이상) 및 영어성적 등을 고려하여 선정
 - * 학과 학사위원회 개최하여 심의/의결을 거쳐 적격자 2~3명을 선발 예정 (단, 적격자가 없을 경우 선발하지 않음)
 - * 천재지변, 전란, 재해, 전염병 등 불가항력적 상황 발생시 파견이 취소될 수 있음
- 내용
 - 가. 석사과정 4~5학기 중 1,4학기는 KAIST에서, 2,3학기는 파견학교에서 수학
 - 나. 언어 : TUB, KIT(독일어 및 영어), DTU, ITB, Tokyo Tech, PoliMi(영어), CS, INSA Lyon, EMSE(프랑스어 및 영어)
 - 다. 논문
 - 양교 중 한 학교에서 작성/제출: TUB, PoliMi, INSA Lyon, EMSE
 - 양교 모두 각각 작성/제출: KIT, DTU, ITB, Tokyo Tech, CS
 - ※ 배정된 연구실 TO이외에 extra로 TO 추가 배정
- 제출서류 : 수학계획서 / 학부 성적표 / 공인영어성적표 및 제2외국어 성적표가 있을 경우 함께 제출

03 최종합격

- 최종 합격
 - 학사위원회 심사 이후 최종합격 통보
- 출국 전 진행 사항
 - 1) 미휴학 파견 신청 → 출국 4주 전 까지 신청
 - 2) Invitation letter from partner University → 미휴학파견 신청 시 함께 업로드.
 - 3) 파견서약서 (첨부) → 출국 전 제출
 - 4) 보험증서본 → 출국 전 제출
 - 5) 체재지 도착 증명서 (첨부) → 출국 후 현지 도착하여 제출

Dual degree



복수학위프로그램 파견대학

학위	협정 체결대학	학과	분야	비고
석사	Technische Universitat Berlin (Berlin, Germany)	Fakultat fur Verkehrs-und Maschinensysteme	Manufacturing 분야	TUB
	Karlsruhe Institute of Technology (Karlsruhe, Germany)	Mechanical Engineering	M.E. 전 분야	KIT
	Technical University of Denmark (Copenhagen, Denmark)	Mechanical Engineering	M.E. 전 분야	DTU
		Electrical Engineering	Robotics, Biomechanics 등	
		Engineering Acoustics	Acoustics	
		Wind Energy	Wind Energy	
	Bandung Institute of Technology (Indonesia, Bandung)	Mechanical Engineering	M.E. 전 분야	ITB
	Tokyo Institute of Technology (Tokyo, Japan)	School of Engineering	M.E. 전 분야	
	Central Supelec (France)		M.E. 전 분야	CS
	Institut National des Sciences Appliquees de Lyon (France)	Mechanical Engineering	M.E. 전 분야	INSA Lyon
	Ecole Nationale Supérieure des Mines de Saint-Etienne (France)		M.E 전 분야	EMSE
	Politecnico di Milano (Milano, Italy)	Mechanical Engineering	고체/생산/동역학	PoliMi
		Energy Engineering	열/유체	

ME NEWS 2024

ME

Team KAIST, 국제로보틱스 대회 MBZIRC 준우승



Team KAIST, led by students from the labs MORIN (of Prof. Jinhwan Kim) and USRG (of Prof. Hyunchul Shim), and with PABLO AIR as a partner, won the 2nd Place Winner position in the MBZIRC Maritime Grand Challenge, an international robot competition.

공경철 교수 창업기업, (주)엔젤로보틱스 코스닥 상장

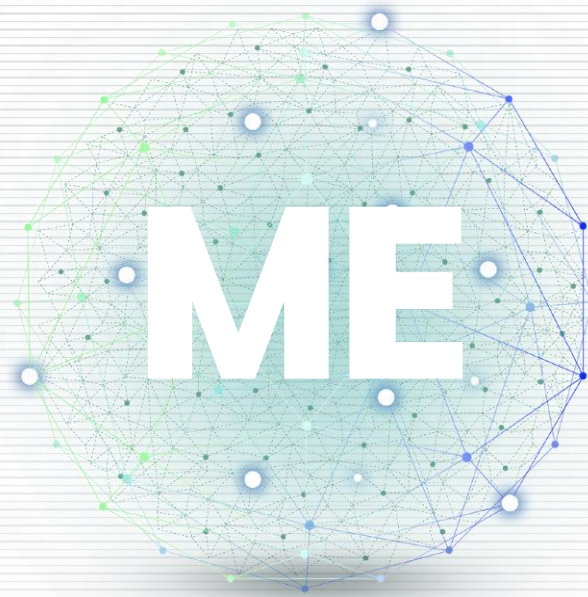


Angel Robotics went public on the KOSDAQ market on March 26th. Angel Robotics combines robotics with ergonomics technology to develop various robots that are worn on the body to assist muscle strength. The company has ▲ human behavior intention identification technology, ▲ driver technology that enables precise force control, ▲ human-adaptive walking trajectory and assistive force generation technology, and based on these, it operates four brands, including ▲ Angel Medi (gait rehabilitation wearable robot), ▲ Angel Suit (daily life support wearable robot), ▲ Angel Gear (musculoskeletal protection wearable suit), and ▲ Angel Kit (infinitely scalable robot parts).

삼성전자, 오준호 명예교수 창업기업 (주)레인보우로보틱스 지분 약 15% 인수



Samsung Electronics Co. said Thursday it has acquired additional shares of Rainbow Robotics, in a move to enhance its robotics business, a sector it sees as having a huge growth potential. Samsung said in a regulatory filing that it bought 913,936 shares of the South Korean robot company for around 27.8 billion won (US\$21.2 million), raising its stake in the company to 14.99 percent, from the previous 10.22 percent Samsung purchased in January.



Thank you



Engineering for
Value Creation