

Cultivating Global Technology-Management Leaders
and a Partner for Corporate Innovation-driven Growth.

Graduate School of Management of Technology

MOT

Master's & Doctoral Programs

- Introduction to the Graduate School
- Curriculum
- Why Hoseo MOT?
- Faculty
- Industry-Academia Partnerships
- Admissions Guide

Training Global Innovation Leaders and Solving Real Corporate Problems >

- A leading graduate school that integrates technology and management to develop global innovation leaders who drive industry.
 - Global Management of Technology (MOT) curriculum.
 - Fostering practice-oriented talent with capabilities for **corporate growth** and **innovation** via the fusion of technology and management.
- **Mission & Vision**
 - Vision: Nurture specialized MOT professionals to enhance the innovation competitiveness of small and mid-sized enterprises (SMEs/“middles”).
 - Mission:
 - Position ourselves as the **world's No.1 MOT graduate school** that **solves real corporate problems**.
 - Apply **field-centered ABL (Actual-task Based Learning)** in collaboration with **industry-government-research** partners.
 - Develop global leaders through the **convergence of technology and management**.
- **Education Objectives**
 - Build capability to establish **technology-based business strategies**.
 - Strengthen **on-site application** and **problem-solving skills**.
 - Provide **convergence education** that responds to new technologies (AI•IT•IoT•Bio) and industrial change.
 - Foster competencies for **corporate innovation** and **global commercialization**.

Advanced Industrial Technologies

I High Tech I

- AI
- Big Data
- Smart Factory
- Smart Car
- Bio
- Cloud
- IoT

Management of Technology

Latest Management Methods

I Management I

- New Business Development
- Product Design
- Strategic Alliance
- Global Management
- Product and Quality Management
- Human Resource Management
- Finance
- High-Tech Marketing

Technology Strategy I

Technology road-mapping & innovation management.

I Commercialization Capability

Applying new technologies to markets & creating profit.

Process Innovation I

Productivity improvement & problem solving.

I Global Commercialization

International collaboration & overseas market entry.



Operating an industry-demand-driven MOT curriculum >

• Program goals & key competencies (Master's / Ph.D.)

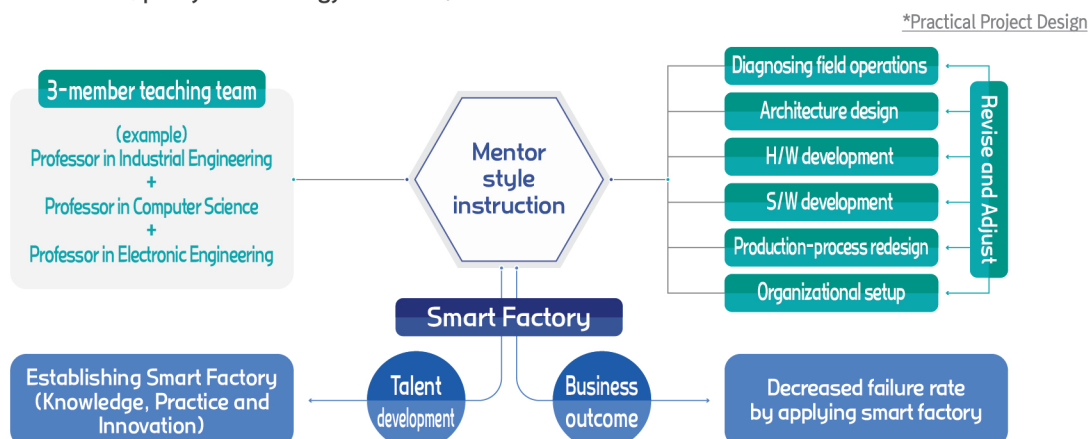
	Master's Program (MOT Master)	Doctoral Program (Ph.D. in MOT)
Goal	Train practice-oriented professionals with the ability to apply MOT theory on site.	Train research/strategy leaders who deepen MOT theory and contribute to policy and industrial advancement.
Core competencies	Strategy formulation, technology planning, field-based projects.	Original research execution, policy proposals, interdisciplinary leadership.
Target students	Employees of industry/SMEs/mid-sized firms, professionals in start-ups & technology commercialization, and managers.	Professionals from industry, research institutes, and policy sectors; aspiring professors/instructors.

• Curriculum structure (two tracks: optionally can select types of degree)



• Practice-centered teaching method

- **ABL (Actual-task Based Learning):** "Learning by Doing" to solve companies' real issues.
- **Team projects** using company problems
- **Evening (online)** classes plus **Saturday (on-site)** sessions for working professionals.
- **Invited expert seminars; policy & technology site visits.**



Hands-on University Industry Team Projects in Advanced Strategic Technologies

• Create outcomes in DX capability (Skill-up), innovation-led growth (Scale-up), and overseas expansion (Scope-up).

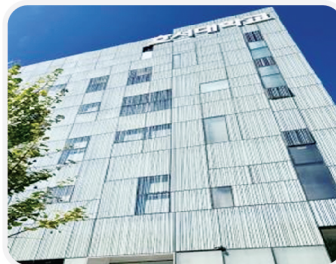
- First among regional private universities to be designated a specialized institution for advanced technology-management talent development (2016, 2020, 2025 — three consecutive selections).
- Lead R&D organization for the “Regional Intelligence Innovation Talent Development” initiative, the Chungnam Intelligence Innovation Center (CORE-AI Center)
 - Possesses leadership and a strong network, steering a consortium of 5 universities and 114 companies in the Chungcheong region.
- Dynamic, proactive industry-academia support via a 3-Campus, 4-Center infrastructure
 - On-site corporate problem consulting (Field ABL) by teams of faculty, working-professional students, and external experts.
- Flagship CEO Academy — “Global Innovation Leader Vision School (the GIVE program)”, a non-degree program
 - Runs non-degree offerings to strengthen SME digital transformation, innovation-driven growth, and ESG management, including short overseas training.
 - GIVE = Global Innovation Vision and Entrepreneurship — sharing and spreading a global innovation vision and entrepreneurship.

3
Campuses

Practical
Education



Asan Campus (Education)



KTX Campus (Seminar)



Venture Lounge (Consulting)

4
Centers

Collaboration
b/w
University
-Industry



GOI R&D Hub Center
(Global expansion),



Global Technology
Commercialization Support Center
(Commercialization)



Chungnam Intelligence
Innovation Center
(Manufacturing intelligence)



ABL Tech-Commercialization
Cooperative
(collaborative implementation).

• Testbeds for corporate R&D and pilots

- Companies have access to a semiconductor packaging pilot line and labs for their semiconductor prototypes



Semiconductor Nanotechnology
Support Center



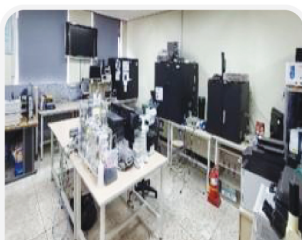
Semiconductor Display FAB
(fabrication facility)



MEMS Process Support Lab



Metrology & Analysis Lab
(Measurement & Analysis Lab)



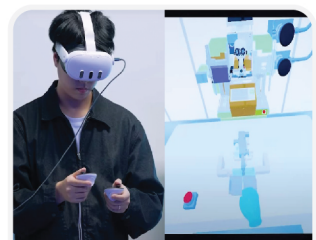
Design/Drive (Actuation)
/Simulation Support Lab



Semiconductor
/Packaging Lab



Semiconductor/Packaging
Practicum (Hands-on Training)



Future Mobility Lab, Display Test Lab,
Display Demo Lab, and AR/VR Test Lab.

Cultivating global technology-management leaders and a partner for corporate innovation-driven growth.



Name	Prof. Kwon Yeong-il
Key Experience	- Dean, MOT, Hoseo University - Head, K-ICT Big Data Center - Corporate Planning Office, POSDATA Co., Ltd.
Degree	Ph.D. in IT Service Management, Soongsil University.
Courses	- Big-Data Service Strategy - Global Platform Business



Name	Prof. Cheong Hee-woon
Key Experience	- Vice Dean, MOT, Hoseo University - CEO, Advanced Plasma Tech Co., Ltd.
Degree	Ph.D. in Engineering, Seoul National University
Courses	- Technology Strategy - Product Design



Name	Prof. Kim Hak-su
Key Experience	- SK hynix - Member of Economic, Social & Labor Council
Degree	Ph.D. in Business Administration, Gachon University.
Courses	- Organizational Behavior - Global Strategic Tie-up & Negotiation



Name	Prof. Park Byoung-ki
Key Experience	Head, National Human Resources Development Consortium
Degree	Ph.D. in Engineering, Hoseo University.
Courses	- Industrial Safety Management - ICT Industry Safety Trends.



Name	Prof. Park Sung-bum
Key Experience	- Dean, Venture Research, Hoseo University - LG CNS - National Information Society Agency (NIA)
Degree	Ph.D. in Business Administration, KAIST
Courses	- New Technology Commercialization Strategy - Quality Management



Name	Prof. Shin Gun-kwon
Key Experience	- President, Korea Association of Computer Accounting - Advisor for Municipal Administration, Cheonan City
Degree	Ph.D. in Business Administration, Sogang University
Courses	AI & Statistics Research Methodology



Name	Prof. An Kyong-man
Key Experience	- Associate Director of Research, LUCAA/Cell Co., Ltd. - Postdoctoral Researcher, Johns Hopkins University.
Degree	Ph.D. (Neurobiology), POSTECH.
Courses	- AI & Bio-Industry - Industrial Applications of Biochips.



Name	Prof. Lee Jong-won
Key Experience	- Vice President, Academic Affairs, Hoseo University - Co-founder, Cyworld - Advisor to the Presidential Office (Cheong Wa Dae) and the Ministry of Trade, Industry & Energy.
Degree	Ph.D. in Management Engineering, KAIST.
Courses	- High-Tech Marketing - Entrepreneurship & Innovation.



Name	Prof. Jeon Won-yong
Key Experience	- Research Professor, Sungkyunkwan University - Guest Editor, Chemosensors - Research Fellow, Dankook University
Degree	Ph.D. in Science, Dankook University.
Courses	- Analysis & Discussion of Advanced Materials Industry Technology - High-Tech Marketing Management



Name	Prof. Hwang Young-kyu
Key Experience	- Research Fellow, Nanyang Technological University - Senior Researcher, Sungkyunkwan University.
Degree	Ph.D. in Engineering, GIST (Gwangju Institute of Science & Technology)
Courses	- Intro & Applications of Next-Generation Semiconductor Materials - Trends in Advanced Semiconductor Technology



Name	Prof. Suh Won-kyo
Key Experience	- Head, Industry-Academy Cooperation Foundation, Hoseo University - Samsung Electronics (Semiconductor Division) - CEO, Hana Materials Co., Ltd.
Degree	Ph.D. in Business Administration, Hoseo University.
Courses	- Business Strategy - Cost Management Accounting.



Name	Prof. Kim Hyun-cheol
Key Experience	- LG Corp., LG Sangnam Press Foundation - LG Electronics, LG Display
Degree	Ph.D. in Management of Technology, Hoseo University
Courses	- Technology Management - Entrepreneurship



Name	Prof. Seo Hyo-sun
Key Experience	- Group Lead, Purchasing Team, Samsung Electronics - Posted to Samsung Electronics' China Semiconductor Research Center
Degree	M.A. in Chinese Economics, Sungkyunkwan University
Courses	Global Commercialization Strategy



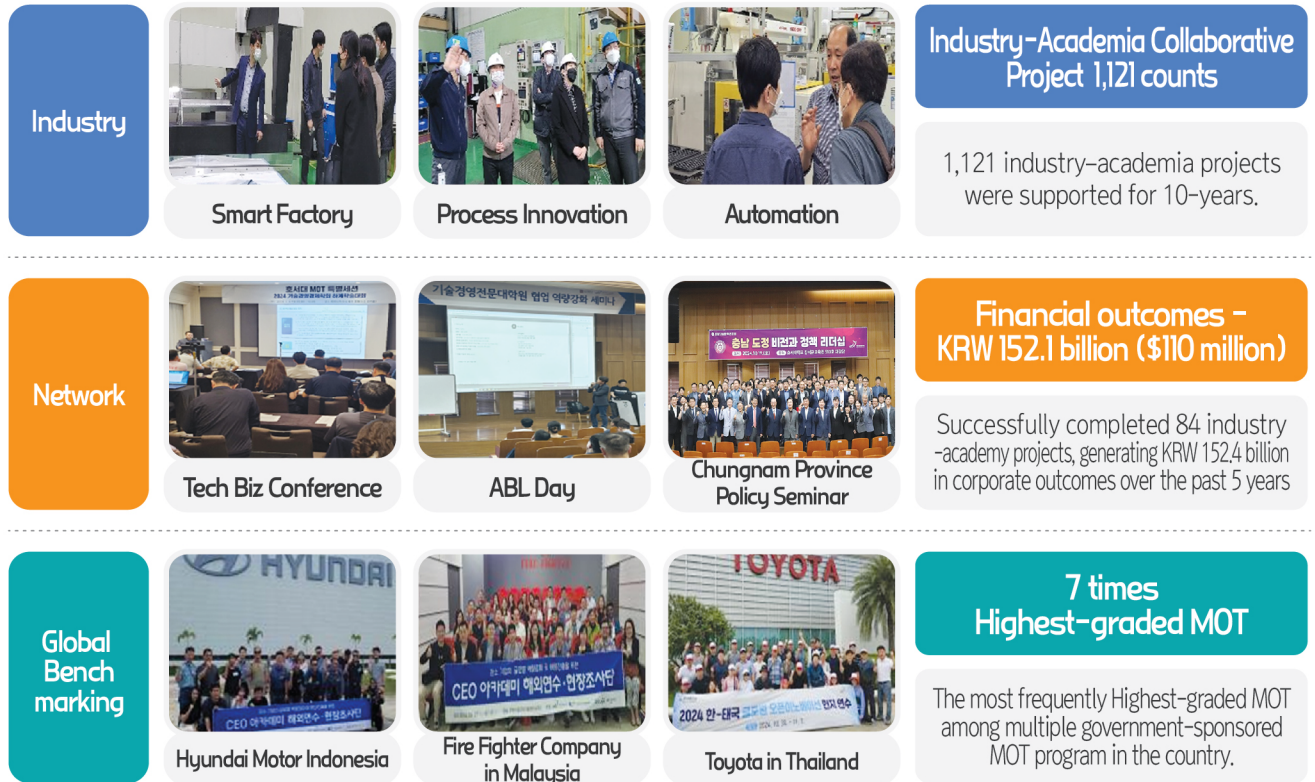
Name	Prof. Chae Chung-sik
Key Experience	- Daewoo, SK, Hana Financial, LG affiliates - Director, University Development Planning Support Team, Hoseo - Head, Hoseo IR Center.
Degree	Ph.D. in Management of Technology, Hoseo University
Courses	AI-Based Business Strategy Planning



Name	Prof. Kim Dong-hoe
Key Experience	- Head, Cheonan Branch, Ministry of Employment & Labor - Commissioner, Daejeon Regional Labor Office.
Degree	Ph.D. in Venture Management, Hoseo University.
Courses	Managerial Approaches to Major Issues & Conflicts.

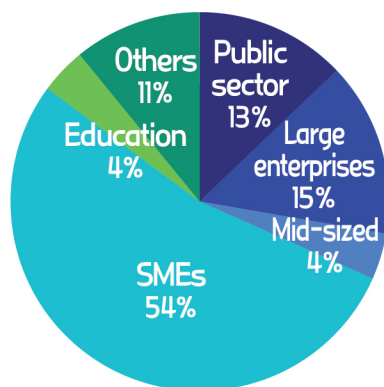
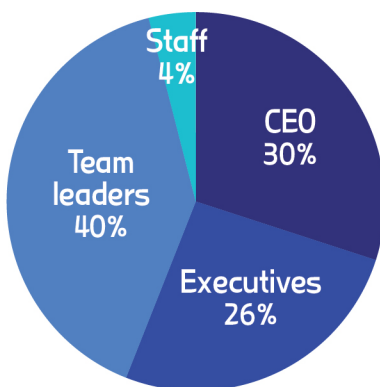
Global open innovation based on industry academia research government collaboration

- Operates a practice-focused research & education platform connecting industry and government with the technology field
 - an organic Public-Private Partnership (PPP) with national agencies, companies, and research institutes.
- Through cooperative projects among central ministries (e.g., MOTIE, MOE), local governments, and universities, accelerates AI innovation and digital transformation (DX) for companies.

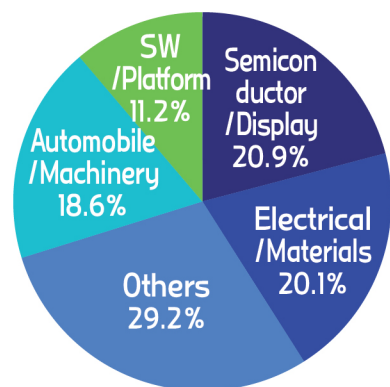


- Hoseo MOT is a global open-innovation platform that has built the networks needed by SMEs and mid-sized companies.
 - The network forms an industrial ecosystem composed mainly of in-service professionals with backgrounds in government, industry, and research institutes.
 - Semiconductors (managers/executives from Samsung Semiconductor, Samsung Display, SK hynix, etc.): over 20%.
 - Automotive (managers/executives from Dongseo Federal-Mogul, Yura Corporation, etc.): over 25%.

Alumni composition (by position and by organization)



Enrolled Student composition (by industry field)



- Support the innovation-driven growth of our 'family companies' by cultivating talents from industry, from central and local governments, and also from overseas

The world's largest MOT master's & doctoral degree programs >

• Department / Intake

Department (Major)	Majors	Degrees		Intake
		Master	Ph.D.	
Dept. of Convergence Technology Management (three majors)	Convergence Technology Industrialization	Master of MOT	Ph.D. in MOT.	· Master 26 · Ph.D. 35
	Global Technology Commercialization			
	AI Convergence	Master in MOT Engineering	Ph.D. in MOT Engineering	
Dept. of Industrial Digital (two majors)	Industrial Data Science			
	Semiconductor · Display Convergence			
Dept. of Industrial AI Engineering (four majors)	Semiconductor-AI · Display-AI · Marine-AI · Future Mobility-AI	Master in MOT Engineering	-	· Master 22 (separate recruitment)

• Eligibility

Degrees	Eligibility
Master's & Doctoral (same)	① Holders of both a bachelor's and a master's degree from an accredited university in Korea or abroad, or those expected to obtain them by February of the intended year of entry. ② Those legally recognized as having equivalent academic qualifications. ③ Cross-disciplinary applications are allowed.

• Requirement for graduation

Degrees	Duration	Semesters	Classes	Credits	Requirement
Master's	2 years	4 semesters	- Weekday evening online/offline - Saturday on-site classes	36 credits	Thesis or project report
Doctoral	3 years	6 semesters			Thesis

• Selection

Domain	Contents	Major Evaluations
Document screening	Application & personal statement	Study plan, fit with the major, key experience, and academic background.
Interview	On-site interview	

• Timeline

Domain	Timeline	Note
1. Online application	Late Oct. - early Nov.	Application through Uwayapply site (http://www.uwayapply.com)
2. Document submission	By mail or in-person after online submission Address: (31499) 79-gil 20, Hoseo-ro, Asan-si, Chungcheongnam-do, South Korea(Kang Seok-Gyu Education Hall, Rm 510).	
3. Interview	Mid Nov.	Will separately notify schedule and Location
4. Admission decision	Mid Dec.	Will announce through MOT webpage (http://mot.hoseo.ac.kr)
5. Registration	Early Feb.	
6. Semester begins	Early Mar	

*Typical timeline; may vary by academic calendar

※ Contact Hoseo MOT admission team

E-mail mot@hoseo.edu

Homepage <http://mot.hoseo.ac.kr>



World-class MOT Leader!

Graduate School of
Management of Technology(MOT)

HOSEO UNIVERSITY



호서대학교
HOSEO UNIVERSITY

Graduate School of Management of Technology (MOT)
Admissions Office: Hoseo University Graduate School of MOT

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