Tenure-track Faculty Positions in the
UNIST Department of Industrial Engineering

Ulsan National Institute of Science and Technology (UNIST) was founded in 2009 as the fourth National Institute of Science and Technology in South Korea. Since its opening, UNIST has become a top-ranked research institute in South Korea and one of the world's leading universities in science and technology, despite being younger than its peers.

The Department of Industrial Engineering at UNIST was established in 2016 to counter a lack of related skills in the metropolitan city of Ulsan, the hub of Korean industry, where more than one million people live. Since 2018, the department has focused on the field of Data Science and developed strong undergraduate, MSc, and Ph.D. programs focusing on data-driven decision making.

The department is seeking applicants for multiple full-time, tenure-track or tenured faculty positions expected to begin in 2023 (any time). Appointments can be made at the Assistant Professor, Associate Professor, and Professor ranks, commensurate with the individual's records. Candidates should have a Ph.D. (or near completion of the degree for assistant professor-level applicants) in closely related disciplines (e.g., Industrial Engineering, Statistics, Computer Science) and demonstrate strong competence in research and teaching.

The department is currently searching for faculty candidates with the Graduate School of Artificial Intelligence at UNIST. Successful candidates are expected to lead excellent research in the areas of Data Science with two positions in the Department of Industrial Engineering and the Graduate School of Artificial Intelligence. As such, the department welcomes candidates who pursue publications in top journals and/or top conferences related to Data Science.

· Area: Methodological/theoretical areas of interest include but are not limited to statistics, stochastic optimization, machine learning, and data mining. Application domains of interest

include but are not limited to healthcare, manufacturing, and logistics.

· Note: UNIST is well-known as the best place for research and academic growth. In particular, the Department of Industrial Engineering at UNIST, where young and enthusiastic faculty members collaborate actively with experienced senior members, prides itself on its culture, capabilities, resources, and high-quality student body. The department searches for researchers who pursue original research for academic excellence and real impact, teachers who care for students, and talented and robust people eager for continuous growth and achievement. Our hiring philosophy is that instead of simply counting the number of publications, we seek applicants with academic intelligence, integrity, grit, and potential for excellent research and educational contributions.

The university offers a competitive compensation package. Faculty members at UNIST receive the highest starting salaries among all universities in Korea. Faculty members also receive generous start-up research grants and comprehensive benefits, including modern on-campus housing and moving expenses. In addition, a daycare center for children under the age 7 is available on campus. The teaching load is six credits per year (two major courses usually).

Interested candidates should apply electronically via http://invite.unist.ac.kr. Candidates should provide (i) a current C.V., (ii) a list of references, (iii) one-page summary statements describing research and teaching plans, and (iv) copies of five prominent research results at most. In addition, please visit the websites at https://ie.unist.ac.kr/ and https://aigs.unist.ac.kr for information about the Department of Industrial Engineering and the Graduate School of Artificial Intelligence, respectively.

Faculty members from the department will be available to meet candidates at the 2022 INFORMS Annual Meeting in Indianapolis. Please get in touch with Professor Sungil Kim at sungil.kim@unist.ac.kr. Candidates should reach out to the committee before October 15 to be considered for one of these interviews.