

MULTIPLE FACULTY POSITIONS
Department of Industrial Engineering
Cullen College of Engineering
University of Houston

The Department of Industrial Engineering at the University of Houston is inviting faculty candidates for multiple open positions: *Two endowed full professors, one assistant/associate professor, and one non-tenure track teaching faculty.* Applications will be accepted until the positions are filled.

University: The Carnegie Foundation for the Advancement of Teaching has recognized the University of Houston as a research university with very high research activities. UH enjoys strong ties as a full member of the Texas Medical Center. Additionally, the University of Houston, a designated Hispanic-Serving Institution (HSI), is among the top 25 colleges and universities granting undergraduate degrees to Hispanics. The University of Houston is an ADVANCE institution, one of a select group of universities in receipt of NSF funds in support of our commitment to increasing diversity and the participation and advancement of women in STEM.

Department: The IE Department has 15 full-time faculty and approximately 350 students in programs leading to bachelor's, master's, and doctoral degrees. The department has recently embarked on an exciting period of research growth as well as student enrollment growth. Opportunities exist for collaboration with several departments in the College, University, and local community in the areas of healthcare, resilience, smart city & sustainability, manufacturing, and energy.

City of Houston: The University's 600-acre campus is only a short drive from downtown Houston, the fourth largest city in the nation. In addition to being the energy capital of the world, the Houston metropolitan area can boast of leading consulting engineers, construction, oil servicing, computer, telecommunication, and biomedical companies, as well as NASA's Johnson Space Center and the world-renowned Texas Medical Center. Greater Houston is a modern, rapidly growing, and economically thriving region. It has a full spectrum of cultural activities, as well as sports and outdoor activities.

Application Submission: Applications will be accepted until the position is filled. Applicants should submit (1) a cover letter highlighting the candidate's strengths and interest in the position, (2) a curriculum vitae, (3) a statement of research interest, (4) a statement of teaching interest, and (5) names and contact information of three references. Please go to [Prospective Faculty - University of Houston \(uh.edu\)](https://uh.edu/prospective-faculty) and complete your online application.

Requirements/Qualifications: The ideal applicant will be able to demonstrate the ability to function in a collaborative atmosphere with multiple stakeholders. Candidates must possess a solid commitment to engineering education using experiential learning and should demonstrate excellent communication skills. Applicants must possess a Ph.D. in systems engineering, industrial engineering, or other closely related engineering fields.

The policy of the University of Houston System and its universities is to ensure equal opportunity in all its educational programs and activities, and all terms and conditions of employment without regard to age, race, color, disability, religion, national origin, ethnicity, military status, genetic information, sex (including gender and pregnancy), sexual orientation, gender identity or status, or gender expression, except where such a distinction is required by law.

Endowed Professors – Industrial Engineering (FAC003545) (2 positions)

Description: The Department of Industrial Engineering (IE) at the University of Houston invites applications for the Durga and Sushila Agrawal Industrial Engineering Endowed Professorships at the rank of Full Professor and the Anuradha and Rani Agrawal Industrial Engineering Endowed Professorship at the rank of Full Professor to begin Fall 2025. We are looking for strong candidates with a solid methodological background in broad areas in industrial engineering; Operations Research, Manufacturing, Human Factors and Machine Learning with innovative applications in Healthcare, Energy, or Complex Systems.

Qualifications: Applicants must have an earned Ph.D. degree in industrial engineering or a closely related field. Candidates for the endowed professors must have demonstrated distinguished records in all aspects of research, teaching, and leadership with a sustained vibrant research program funded by competitive funding agencies. They are expected to develop and foster nationally recognized, cross-disciplinary research programs. Successful applicants must demonstrate a record of developing and maintaining a vigorous research program, sustaining a strong record of peer-reviewed publication, external funding, advising students, and teaching innovation.

Assistant/Associate Professor - Energy Transition Innovations (FAC003611) - Industrial Engineering – (1 position)

Description: The Department of Industrial Engineering (IE) at the University of Houston invites applications for tenure-track Presidential Frontier Faculty (PFF) candidates at the assistant or associate professor level with exceptional skills for inspiring, teaching, and cutting-edge interdisciplinary research in *Energy Transition Innovations through Process Systems Engineering and Optimization*. The Presidential Frontier Faculty program is a university-wide integrated interdisciplinary hiring campaign that is overseen by central university leadership and encompasses hiring a large cohort of convergence research faculty to work on energy, health, sustainability, and security.

Qualifications: Applicants must have an earned Ph.D. degree in industrial engineering or a closely related field. The candidate is expected to develop and foster nationally recognized, cross-disciplinary research programs. Successful applicants must demonstrate a record of developing and maintaining a vigorous research program, sustaining a strong record of peer-reviewed publication, external funding, advising students, and teaching innovation.

NTT Instructional Assistant Professor – Systems Engineering/Industrial Engineering (FAC003546) – 1 position

Description: The Department of Industrial Engineering (IE) at the University of Houston invites applications for a full-time Instructional Assistant Professor to begin in Fall 2025 for its newly established Bachelor's degree program in Systems Engineering located in Katy, TX.

Qualifications: Applicants must have an earned Ph.D. degree in systems engineering or a closely related field.

Duties: The responsibilities include (1) teaching three courses relevant to the program in Industrial and Systems Engineering per semester or equivalent course development duties as determined by the IE Department chair and (2) contributing to service and administrative tasks as required in the department.

Terms: It is a full-time, benefits-eligible, non-tenure-track position. Appointments are made on an annual 9-month basis, salary commensurate with experience.