



MULTIPLE FACULTY POSITIONS
Department of Industrial Engineering
Clemson University

The Department of Industrial Engineering (IE) invites applications for tenure / tenure-track faculty positions at the assistant professor rank starting in August 2022. The College of Engineering, Computing and Applied Sciences at Clemson University is building strategic, cross-disciplinary faculty clusters to advance research and education in several thrusts. These positions are part of the AI cluster in Health Innovation & Human Performance, whose members will leverage their expertise in AI, machine learning, cybersecurity, autonomy, sensing, and analytics in collaborative research pursuits with faculty across and beyond the College. Transformative AI/ML systems and applications call for novel solutions that span perception of the physical world, processing of diverse genres of data, decision making, controlling physical devices and systems, and interacting with human and society. With its cross-disciplinary focus, joint appointments with multiple departments are encouraged for positions in this cluster. Successful candidates will demonstrate experience in driving high-impact interdisciplinary research in AI/ML systems and applications.

We are specifically seeking candidates with strong methodological background in areas such as human-AI partnership, human-systems integration, human performance modeling, data analytics, and the interface of operations research and AI/ML. The expected rank is assistant professor, but applicants with outstanding records of accomplishments will be considered at the rank of associate professor.

The Department of Industrial Engineering currently has 23 full-time faculty members with additional growth expected over the next few years. We have a student population of over 550 undergraduate students, 100 M.S. students, and 40 Ph.D. students. Furthermore, our online Master of Engineering (MEng) program has over 80 enrolled students. Additional information about the Department can be found at <http://ie.clemson.edu>.

Clemson University is South Carolina's public land-grant University. As a Carnegie R1 Institution, the University has excellent research resources, including the Palmetto Cluster – a top 500 global high-performance computing cluster. The College of Engineering, Computing and Applied Sciences encourages impactful interdisciplinary work, and this culture of collaboration includes joint appointments in other departments and schools on campus, as well as extensive work with several industry partners. The University, College, and Department are committed to building a diverse and inclusive community of scholars dedicated to working and teaching in a multicultural environment. In addition, Clemson University recognizes that many prospective candidates for faculty positions have dual career needs. The Dual Career Program in the Office of the Provost provides support when considering employment opportunities within the university and in the surrounding community.

Successful candidates must possess a Ph.D. in industrial engineering, operations research, human factors engineering, or a related field at the time of appointment. Competitive candidates will demonstrate the ability to develop an independent, rigorous, externally funded research program, show a strong commitment to undergraduate and graduate teaching excellence, contribute to the department's mission, and commit to our diversity and inclusion goals.

Applicants should submit the following items via Interfolio at <http://apply.interfolio.com/99992>: (1) a cover letter, (2) curriculum vitae, (3) statement of research interests and future plans, (4) statement of teaching interests and experience, (5) statement on diversity and inclusion, (6) up to three representative publications (merged in a single PDF file), and (7) a list of three professional references including names, email addresses and phone numbers. Inquiries should be directed to the search committee chair, Dr. Divya Srinivasan at sriniv5@clemson.edu. Review of applications will begin on Jan 31st 2022 and continue until the positions are filled.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment and encourages applications from minorities and women.