



Assistant/Associate Professor of Mechanical Engineering

THE DEPARTMENT OF MECHANICAL ENGINEERING AT ROWAN UNIVERSITY invites applications for multiple tenure-track/tenured faculty positions at the Assistant/Associate Professor rank. Successful candidates must have a commitment to teaching excellence at undergraduate and graduate levels, develop a nationally recognized externally funded research program, and contribute to the institution and profession through service. Candidates for the Associate Professor position should have an established record of research, teaching, and service commensurate with the higher rank.

A doctorate in mechanical engineering or closely related field is required for appointment. In addition, excellent written and oral communication skills are expected. Although outstanding candidates in all areas of mechanical engineering will be considered, the preferred areas of research interest and expertise are **digital design & manufacturing, multi-physics modeling & simulation, and electronic packaging design**. Applications from women and minority candidates are especially encouraged. Review of applications will begin immediately and the deadline to apply is January 15, 2022. The position start date is September 1, 2022. Any questions about this search can be directed to Dr. Ratneshwar (Ratan) Jha, *Professor & Head* of Mechanical Engineering (jhar@rowan.edu).

The Henry M. Rowan College of Engineering provides a unique, minds-on, hands-on experience that is distinct, and is routinely recognized for its innovation and commitment to excellence. We offer degree programs in the following disciplines: biomedical, chemical, civil & environmental, construction management, electrical & computer, engineering entrepreneurship, engineering management, and mechanical engineering. The College currently enrolls about 1560 undergraduates and 230 MS/PhD students and has received over \$13 million in research funding annually over the last three years. Most recently, U.S. News & World Report ranked the College #19 and the mechanical engineering department #11 out of more than 200 programs in our category nationwide.

The Mechanical Engineering department is home to 400 undergraduates, 40 MS/PhD students, 16 faculty members, and three staff members. The ME undergraduate program has consistently received high recognition by employers and academic peers with multidisciplinary “engineering clinics” as a hallmark (<https://engineering.rowan.edu/programs/mechanical/clinics/index.html>). We are now seeking to further strengthen graduate research and teaching, while maintaining the excellence of the undergraduate program, through multiple faculty hiring. The major research strengths of the department include *advanced manufacturing, material science & engineering, and thermal-fluid sciences*. Our faculty are core team members of the newly established *Advanced Materials & Manufacturing Institute* at Rowan aimed to strengthen materials related research and education. The new faculty members will complement and expand research expertise in the department and build strong connections with government/industry in the region and beyond. Further information about the College/Department is available at <https://engineering.rowan.edu/>.

Rowan University is an R2 (High Research Activity) Carnegie-classified Doctoral University offering bachelor's through doctoral programs to nearly 20,000 students through its campuses in Glassboro, Camden and Stratford, New Jersey, and online. *U.S. News & World Report* has ranked Rowan #88 among national public universities for 2022. The Henry M. Rowan College of Engineering is located on the main campus in Glassboro, NJ, 20 miles southeast of Philadelphia. The University comprises eight colleges and five schools: William G. Rohrer College of Business; Henry M. Rowan College of Engineering; Ric Edelman College of Communication & Creative Arts; College of Education; College of Humanities & Social Sciences; College of Performing Arts; College of Science & Mathematics; Cooper Medical School of Rowan University; Graduate School of Biomedical Sciences; School of Earth & Environment; School of Health Professions; School of Osteopathic Medicine, and an Honors College that spans across disciplines. The institution is also home to the South Jersey Technology Park, which fosters the translation of applied research into commercial products and processes.

All applications must be submitted through Rowan University's Career Site. Interested candidates should **submit a single PDF** that includes the following items in the order listed: 1) letter of interest, 2) curriculum vitae, 3) research statement and plans, 4) a statement of teaching philosophy and creating inclusive learning environment, and 5) full contact information for at least three references. **Each of the items, except curriculum vitae, should be no more than two pages.** Reference letters will be requested at a later date when necessary.

Rowan University is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military service, protected veteran status, affectional or sexual orientation, atypical cellular or blood trait, genetic information (including the refusal to submit to genetic testing), or any other category protected by law. For the complete Rowan University non-discrimination and affirmative action policy see: <https://sites.rowan.edu/equity/docs/policies/eo-statement.pdf>.

All positions are contingent upon budget appropriations.

Application Portal:

<https://jobs.rowan.edu/en-us/job/495758/assistantassociate-professor-mechanical-engineering>