



**Department Head, Mechanical and Civil Engineering**  
**College of Engineering and Science**  
**Florida Institute of Technology, Melbourne, FL 32901**

The College of Engineering and Science at Florida Institute of Technology invites applications and nominations for **Department Head of Mechanical and Civil Engineering (MCE)**. We seek a visionary leader with strong academic and leadership background to grow research and scholarship while maintaining excellence in undergraduate and graduate education. The successful candidate must possess an extensive research background, with proven administrative, management and interpersonal skills as well as a strong commitment to diversity and inclusion among the faculty and students.

Required qualifications include a Ph.D. in Civil Engineering, Mechanical Engineering, or a closely related field. All candidates should qualify for tenure at the full professor level.

The MCE department has four Programs: Mechanical Engineering (BS, MS, and PhD), Civil Engineering (BS, MS, and PhD), Construction Management (BS) and Engineering Management (MS). The undergraduate programs in Mechanical and Civil Engineering are ABET accredited and the Construction Management BS Program is accredited by the American Council of Construction Education (ACCE).

The Mechanical Engineering Program has research strengths in Design and Manufacturing with a focus in Additive Technologies, Robotics, and Thermal Sciences. This research is supported by active laboratories in Laser Materials Processing, Advanced Material Characterization, Robotics, Mechatronics, Heat Transfer and Material Testing, Adsorption and Energy Technology, Advanced Functional Materials for Sustainability, and Innovations in Sustainable Energy and Thermal Systems. The Civil Engineering program has research strengths in multi-hazard risk assessment and mitigation with a focus on hurricanes, sustainable reuse of waste materials in roadways, and cutting-edge enhancement of construction materials. Among other agencies, the Department currently receives research funding from Air Force, DOD, DOE, FDOT, General Motors, NASA, NSF, Office of Naval Research, Rolls Royce, and USDA.

The Department is also focused on providing an outstanding learning experience to our students through small class sizes, personal attention, and real-world, industry-sponsored capstone design projects. As a result of the outstanding preparation provided to the students, Florida Tech is currently ranked 6<sup>th</sup> in Student Experience (The WSJ/College Pulse Student Experience rankings), and 17<sup>th</sup> in an Employability Survey (2023 Times Higher Ed Employability Survey). More details about the Department can be found at <https://www.fit.edu/mechanical-and-civil-engineering/>

To apply, send a single PDF document to <https://floridatech.wd5.myworkdayjobs.com/en-US/floridatechcareers> containing: 1. Cover letter, 2. Curriculum Vitae, 3. Statement of plans and vision for the Department, 4. Statement of research experience and interests, 5. Statement of teaching experience and philosophy, 6. Diversity statement, and 7. Contact information for at least three references. Applications received by **January 15, 2024** will be given full consideration, but the position will be open until filled. The Department is building a diverse faculty committed to teaching and working

in a multicultural environment. Women, minorities, individuals with disabilities, and veterans are encouraged to apply.

For further information about this search, please contact:

Dr. Ratneshwar (Ratan) Jha, Search Committee Chair

*Department Head & L3Harris Chair Professor*

Department of Aerospace, Physics and Space Sciences

Email: [rjha@fit.edu](mailto:rjha@fit.edu) Phone: (321) 309-3112

### **Equal opportunity**

Florida Tech does not discriminate on the basis of race, color, gender, religion, sexual orientation, national origin, disability, genetic information, age, pregnancy, parenting status, veteran status or retirement status in its activities and programs. In accordance with Title IX of the Education Amendments of 1972, Florida Tech does not discriminate on the basis of sex. Inquiries concerning the application of the non-discrimination policy may be directed to the Office of Title IX at John E. Miller Office Building (401QAD), 150 West University Blvd, Melbourne, FL 32901, [TitleIXCoordinator@fit.edu](mailto:TitleIXCoordinator@fit.edu), or 321-674-8885, or to the U.S. Department of Education Office for Civil Rights.

### **Americans with Disabilities Act**

Please notify us at least five days in advance if a reasonable accommodation for a disability is needed by calling the Office of Human Resource at 321-674-8100.

### **The Annual Security and Fire Safety Report**

In compliance with the Clery Act, the University annually provides a report to each student and current employee, as well as to prospective employees and students, that provides a detailed disclosure of information regarding campus security practices (including Emergency Response Plan, Timely Warnings, Emergency Notifications, Missing Persons, fire safety policies, fire prevention data, and Crime Log policies), as well as crime and fire-related incident statistics for the preceding year. The Annual Security and Fire Safety Report is available online at: <https://www.fit.edu/hr/annual-security--fire-safety-report/>.

### **Official Transcripts**

Official transcripts of all collegiate work must be sent directly from the attended institution to the Office of Human Resources prior to the first day of employment. All international degrees must have a course-by-course official evaluation and translation sent to the Human Resources Office directly from an evaluation company affiliated with the National Association of Credential Evaluation Services, Inc. (NACES).

*We are an E-verify employer.*