The Civil & Environmental Engineering Department at Worcester Polytechnic Institute invites applications for a tenure track faculty position in Architectural Engineering (AREN) at the rank of assistant professor. The ideal candidate should have demonstrable capabilities for high-quality teaching in one of the following two areas: building electrical / control systems (i.e., generation and power distribution, lighting, and sensing and control systems) or building envelope systems (i.e., assembly design, energy modeling and control, and design and manufacture of smart components and materials). Candidate is expected to have a Ph.D. in Architectural Engineering (or a Ph.D. in a closely related field with an undergraduate degree in the field of architecture, or architectural, mechanical or electrical engineering).

The Civil & Environmental Engineering Department (http://www.wpi.edu/academics/cee/) at WPI has 17 full-time faculty members and offers undergraduate degrees in civil engineering, environmental engineering and architectural engineering to 320 students. The department offers graduate degrees in civil and environmental engineering to 90 graduate students. The AREN undergraduate program was established in 2012 and we are seeking an energetic and motivated individual who will play a leading role in the growth and further development of the program.

This individual should have demonstrable capabilities for high-quality research. The successful candidate will develop a recognized record of scholarship including externally funded research and journal publications. Successful collaboration on multi-disciplinary teams is highly encouraged. The selected candidate is expected to support the teaching, project advising and research mission of the Civil & Environmental Engineering Department, as well as render service to the architectural engineering profession, the AREN Program, and the university.

WPI, founded in 1865 and located one hour west of Boston, is one of the nation’s oldest technological universities. WPI is a highly selective private university with an undergraduate student body of over 4,000 and 1,900 full-time and part-time graduate students enrolled in more than 50 Bachelor’s, Master’s, and PhD programs. Its innovative project-enriched curriculum engages students and faculty in real-world problem solving, often at one of WPI’s global project centers. U.S. News and World Report consistently rank WPI among the top national universities. College Factual – USA Today lists WPI in the top 10 Best Engineering Schools in the U.S. (August 2014).

Applications should include curriculum vitae, statements of teaching and research interests, and a list of five professional references. Applications from women and minority candidates are especially encouraged. Applications should be submitted through the WPI HR website (http://apptrkr.com/528578). This search will remain open until the position is filled.

Further inquiries should be directed to Professor Tahar El-Korchi, chair of the search committee and head of the Civil and Environmental Engineering Department, (tek@wpi.edu) or to Professor Roberto Pietroforte, Director of the AREN program (roberto@wpi.edu).

A pre-employment criminal records check is required.

To enrich education through diversity, WPI is an affirmative action, equal opportunity employer.