

Assistant/Associate Professor of Construction Engineering
Louisiana State University

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Posted Nov. 20, 2024, set to expire Mar. 24, 2025

Job Title	Assistant/Associate Professor of Construction Engineering
Department	College of Engineering, Department of Civil and Environmental Engineering https://www.lsu.edu/eng/cee/index.php
Institution	Louisiana State University Baton Rouge, Louisiana
Date Posted	Nov. 20, 2024
Application Deadline	Open Until Filled
Position Start Date	Nov. 20, 2024
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Construction Engineering/Management Civil Engineering
Job Website	https://lsu.wd1.myworkdayjobs.com/LSU
Apply Online Here	https://lsu.wd1.myworkdayjobs.com/LSU
Apply By Email	
Job Description	

The Department of Civil & Environmental Engineering at Louisiana State University (LSU) invites applications for a tenure-track Construction Engineering faculty position at the assistant/associate professor level. The start date for this appointment is anticipated to be Fall of 2025.

LSU is designated as the Flagship University in the state of Louisiana, has a total enrollment of more

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than 35,000 students, and is the only public university in the state to be designated a Carnegie Research I University. The LSU College of Engineering has experienced significant enrollment increases in recent years and is located in the 400,000-square-foot Patrick F. Taylor Hall that has recently received a \$110 million renovation. LSU is located in Baton Rouge which has a metropolitan-area population of more than 850,000. The university's location, within one of the world's largest petrochemical corridors and in close proximity to the Mississippi River and its dynamic delta, provides significant opportunities for infrastructural, coastal, and environmental engineering research. Current strengths of the department include structures/infrastructures, mechanics of materials, coastal engineering, geotechnical engineering, traffic/transportation engineering, environmental engineering, and groundwater hydrology and hydraulics. Additional information about the department can be found at: <https://www.lsu.edu/eng/cee/index.php>. Questions about the hiring process can be directed at the search committee chair, Dr. Ayman Okeil (aokeil@lsu.edu).

Responsibilities:

50% Teaching undergraduate and graduate courses and providing service to the Department of Civil & Environmental Engineering, College, and University.

50% Developing and sustaining an independent, extramurally funded, research program.

Required Qualifications: Applicants should have a Ph.D. degree in Civil Engineering and have demonstrated a strong interest in research and scholarship. In addition, applicants should possess the personal and professional qualities to achieve excellence in teaching (both basic courses and design courses in structural engineering) and advising students at both undergraduate and graduate levels. Applicants should have the necessary qualifications for professional registration and are expected to become registered professional engineers within the pre-tenure period of their appointment.

Minimum Qualifications for Assistant Professor: Ph.D. in Civil Engineering or related discipline.

Minimum Qualifications for Associate Professor: Ph.D. in Civil Engineering or related discipline five (5) years' experience, a proven track record of published research, and the ability to attract external research funding.

Preferred Qualifications: Preference will be given to candidates who have developed or have the potential to develop a sustainable research program focusing on one or more innovative and ground-

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breaking structural engineering areas. The department is prioritizing the following areas: Artificial Intelligence (AI) and Data Analytics (DA) applications to better understand and improve construction of the built environment, including AI applications in the engineering of civil infrastructure, digital twins, data-driven damage detection and decision-making, smart structural health monitoring/infrastructure sensing, hybrid/multiscale testing, or other related fields. The use of AI and DA to improve the understanding of the behavior of infrastructure materials and systems and the prediction of the intensity and frequency of natural hazards are also of interest. However, candidates with a strong scholarly record in all areas of structural engineering are encouraged to apply. The expertise of the new hire will complement the current research thrusts, including structural repair and rehabilitation, structural reliability, dynamic effects, computational mechanics, modeling, cementitious materials, and wind engineering.

Special Requirements: The application package should be submitted online as a single PDF file with the application materials organized as follows: (a) cover letter; (b) complete curriculum vitae; (c) names and contact details of at least three references; and (d) two statements (i) research interests and direction; and (ii) statement on teaching interests and philosophy.

Original transcripts and three letters of recommendation addressed to Dr. George Z. Voyiadjis, Chair of CEE are required prior to hire.

Salary will be commensurate with qualifications and experience. An offer of employment is contingent on a satisfactory pre-employment background check. Review of the applications will start on December 15, 2024, and continue until the position is filled. Apply online and view a more detailed ad at: www.lsusystemcareers.lsu.edu. Position # ???/?/ ???/?

EEO/AA Policy

LSU IS COMMITTED TO DIVERSITY AND IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

Contact Information

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Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Search Committee Chair
Dr. Ayman Okeil
Louisiana State University
3255 Patrick F. Taylor Hall
Baton Rouge, LA 70803

Contact E-mail aokeil@lsu.edu