

Assistant Professor/ Associate Professor/ Professor
Oklahoma State University

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Posted Aug. 29, 2024, set to expire Feb. 27, 2025

Job Title Assistant Professor/ Associate Professor/ Professor
Department Electrical & Computer Engineering
<http://ece.okstate.edu>
Institution Oklahoma State University
Stillwater, Oklahoma

Date Posted Aug. 29, 2024

Application Deadline Open until filled
Position Start Date Jul. 31, 2025

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Electrical and/or Electronics
Computer Engineering

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Job Description

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Oklahoma State University (OSU) in Stillwater, Oklahoma, is inviting highly motivated and qualified candidates to apply for two open-rank tenure-track or tenured faculty positions in the School of Electrical and Computer Engineering (ECE). The positions available can be filled at the assistant, associate, or full professor level, depending on the candidate's experience and qualifications. The focus areas for these roles are Solid State/Electronics (including radio frequency mixed signal IC design, biosensors, and CMOS) and Computer Engineering (encompassing computer architecture, embedded systems, software engineering, edge computing, cybersecurity, IoT, and VLSI design). Outstanding candidates in other areas of Electrical and Computer Engineering will also be considered on a case-by-case basis.

The School of ECE currently has 19 full-time faculty members, 460 undergraduate students and 70 graduate students. The ECE operates numerous laboratories including a) the VLSI Computer Architecture Research Laboratory, b) the Laboratory for Advanced Sensing, Computation and Control, c) the Power Grid Modernization Laboratory, d) Ultrafast Terahertz Optoelectronics Laboratory and e) the Mixed-Signal VLSI Laboratory. Numerous opportunities exist for collaboration with OSU's internationally recognized Unmanned Systems Research Institute (USRI), the New Product Development Center and the Innovation Foundation. Research thrusts within the ECE include a) Communications, Networks, and Internet-of-Things (IoT), b) Electromagnetic Wave Propagation and Systems, c) Energy and Power, d) Image Formation, Signal Processing and Machine Vision, e) Intelligent Control Systems and Robotics, f) Photonics and Electro-Optics, g) Solid State Electronics and Systems, and h) Very Large-Scale Integration (VLSI), Computer Architecture and Embedded Systems. External grants managed by the ECE exceed \$12 million, and the annual research expenditure is over \$3 million.

The School of ECE offers the BS, MS, MEng, and PhD degrees in Electrical Engineering and the BS degree in Computer Engineering with an option in Software Engineering. The ECE's baccalaureate programs are ABET accredited. Candidates must have an earned Ph.D. or equivalent in electrical engineering or computer engineering, or closely related engineering field. Successful candidates will be expected to teach electrical and computer engineering courses, develop an externally funded, internationally recognized research program, excel in teaching at both the undergraduate and graduate levels, advise graduate students, and serve the ECE and their profession. Strong oral and written communication skills, and the ability to work individually and in teams are expected. Engineering experience within industry or government laboratories is desired, but not required. Candidates who can utilize, share, leverage, and develop existing ECE laboratories are especially encouraged to apply.

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Contact Information

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

Contact Fransisca Bolin
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