DEPARTMENT OF ENGINEERING SCIENCE
(Tenure-Track) Assistant Professor
Starting Mid-August 2016

Refer to 104057 on all correspondence and inquiries regarding this position.

THE UNIVERSITY

Sonoma State University is one of the 23 campuses of the California State University. Located in the Sonoma County wine country, 48 miles north of San Francisco, the University has an enrollment of approximately 9,000 students. As of spring 2014, the University had 595 faculty with 41% tenure-track. The University is comprised of six schools: Arts and Humanities, Business and Economics, Education, Extended and International Education, Social Sciences, and Science and Technology. Degrees are offered in 46 majors at the bachelor’s level and 15 at the master’s level. Sonoma State University occupies 274 acres in the beautiful wine country of Sonoma County, in Northern California. Located at the foot of the Sonoma hills, the campus is just an hour’s drive north of San Francisco and 40 minutes away from the Pacific Ocean.

THE DEPARTMENT

The Department of Engineering Science offers a bachelor’s degree in Electrical Engineering with specializations in electronics and communications and a master’s degree with specializations in Communications and Photonics and Computer Hardware and Software Systems. The department benefits from strong ties with the high technology industries in Sonoma County, in particular Keysight Technologies, Tellabs, JDS Uniphase, and many individual local scientists and engineers. Housed in the Cerent Engineering Science Complex in Salazar Hall, the department has eight fully-networked state-of-the-art laboratories including the W.M. Keck Microanalysis lab, Rolf Illsley Photonics lab, Keysight Technologies Communications lab, Tellabs Access Technologies lab, Networking lab, Human-Computer Interaction lab, Software Engineering lab and Electronics lab. These labs are used for undergraduate and graduate instruction in science and engineering, faculty and graduate research and development, and as incubators for testing new ideas.

The Department takes pride in hands-on instruction and its focus on student-centered research and projects. Students are encouraged to actively participate in their studies and to be a part of engineering collaborations starting in their freshman year and culminating in their advanced senior design projects. Community-based and interdisciplinary research and scholarly activities are valued by the Department as well as strong linkages with local industry. The Department’s Industry Advisory Board provides advice and support and is currently focused on ABET accreditation for the undergraduate EE program.

Prospective applicants are encouraged to visit the department's (http://www.sonoma.edu/engineering) and Faculty Affairs’ (http://www.sonoma.edu/aa/fa) webpages.
DUTIES OF THE POSITION

The successful candidate will be expected to contribute to teaching of electrical engineering courses and creating laboratory activities at both undergraduate and graduate levels. Examples of such courses and laboratories are: Electronic Circuits, Digital Circuits & Logic Design, Microprocessors & Embedded System Design, Linear Systems, Analog & Digital Communications, Networking Protocols, RF Communications, VLSI and ASIC Design, FPGA, and Electromagnetic Theory & Applications.

The successful candidate is also expected to be actively involved in supervising undergraduate student-centered projects, master thesis projects, building collaborative research projects with campus and local community, external and internal grant writing, and interdisciplinary student team building. Furthermore, the candidate should be engaged in professional development and service activities, as well as taking responsibilities in activities related to ABET accreditation in electrical engineering.

In addition to teaching and scholarship, faculty are expected to engage in academic advising, to assist the department with program assessment, administrative and/or committee work, and to serve on campus-wide committees. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. Faculty are also encouraged to participate in Freshman and Sophomore year programs when available in their schools.

PROFESSIONAL QUALIFICATIONS

To be recommended for appointment, the candidate must have a Ph.D. in Electrical Engineering, Computer Engineering, or a closely related field. Candidates should have demonstrated expertise in one or more of the following fields with significant interest in working with interdisciplinary groups: VLSI design, embedded systems, optics and optical communications, sensor networks, RF & wireless communications, network architecture and design, and other closely related areas. Candidates are expected to create ties with local industry and also to help evolve the department’s curriculum in order to achieve ABET accreditation. Demonstrated theoretical and experimental foundation, previous teaching experience, and industrial experience are desirable but not required.

Preference will be given to candidates with industry experience, demonstrated collaboration with other interdisciplinary research teams, and a demonstrated record of excellence in undergraduate and graduate teaching.

To be recommended for tenure, the candidate must demonstrate satisfactory performance in four areas: teaching effectiveness; scholarship, research, creative achievement and professional development; service to the University; and public service and service to the community. Although tenure may be granted at any time, contract provisions specify that "the normal period of probation shall be a total of six (6) years of full-time probationary service and credited service, if any. Any deviation from the normal six (6) year probationary period shall be the decision of the President following his/her consideration of recommendations from the department or equivalent unit and appropriate administrator(s).” Tenure is required for promotion above the level of Associate Professor.

RANK AND SALARY

The salary range is approximately $75,000 - $82,000.
HOW TO APPLY

Do not send materials to facultysearch@sonoma.edu. To apply for this position, go to www.sonoma.edu/jobs and select Job Opportunities. If you are not currently employed at Sonoma State University, select the External Applicants box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select Apply Now. If you have not applied for a job at Sonoma State University previously you will be asked to Register Now in order to proceed. After submitting the application letter and curriculum vitae, please proceed to My Career Tools to attach the additional required documents. Your statement of research interests may be a statement of scholarship and/or creative activity if appropriate to your discipline. PDFs are the preferred format for all submissions. Once you have submitted all materials, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email facultysearch@sonoma.edu.

Please submit:

- **Required**
  - Application letter
  - Curriculum vitae

- **Additional Required Documents**
  - Statement of Research Interests
  - Teaching Philosophy
  - Student Evaluations
  - Contact Information for 3 References

Letters of Recommendation will be requested from finalists only.

Official transcripts may be required at the time of hire.

Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee’s identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act.

APPLICATION DEADLINE

The deadline to apply to this position is by November 24, 2015.

Questions concerning this position may be directed to:

Dr. Farid Farahmand, Search Committee and Department Chair  
Email: farahman@sonoma.edu  
Phone: (707) 664-3491

Questions concerning the application process may be directed to: facultysearch@sonoma.edu.

104057 - PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.
EQUAL EMPLOYMENT OPPORTUNITY

The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.

MANDATED REPORTING REQUIREMENT

This position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

CAMPUS SAFETY REPORTS

Jeanne Clery Act – Annual Security Report
Sonoma State University's Annual Security Report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus buildings or property owned or controlled by Sonoma State University and on the public property within, or immediately adjacent to and accessible from the campus.

The report also includes institutional policies concerning campus security, alcohol/drug use, crime prevention, reporting of crimes, sexual assault and other matters. You can download a copy of this report by accessing the Police and Parking Services website: Jeanne Clery Act - Annual Security Report, or receive a copy by contacting Police and Parking Services at (707) 664-2143.

Campus Housing Fire Safety Report
Sonoma State University’s Annual Campus Housing Fire Safety Report, in compliance with The Campus Fire Safety Right-to-Know Act, contains information about fire statistics, fire safety systems, and safety practices and standards for campus housing. The Campus Housing Fire Safety Report is available at the Housing Services website or you can contact Housing Services at (707) 664-2541 to receive printed information or additional information.

BACKGROUND CHECK

Successful candidate is required to complete a background check prior to assuming this position.

SMOKE-FREE CAMPUS

Sonoma State University is proud to be a smoke-free campus within the California State University System. Effective July 1, 2015, Smoking and other uses of tobacco products, such as smokeless tobacco, the use of e-cigarettes and similar devices, are prohibited on Sonoma State owned, controlled or leased property, as well as in vehicles owned, leased, or rented by the University, parking lots and residential space.

View Benefits Summary

SONOMA STATE UNIVERSITY

Department of Engineering
1801 East Cotati Avenue
Rohnert Park, CA 94928-3609

Faculty Affairs in the Office of the Provost