The Department of Mechanical Engineering at South Dakota State University invites applications for three nine month, tenure track faculty positions at the Assistant Professor rank starting Aug 22, 2016. SDSU actively seeks to increase social and intellectual diversity among its faculty and staff. Women, minorities, veterans, and persons with disabilities are encouraged to apply.

RESPONSIBILITIES: The successful candidates’ responsibilities will be to teach undergraduate and graduate courses in Mechanical Engineering, advise undergraduate and graduate students, conduct research and scholarship in appropriate fields of expertise, and mentor student projects. Successful candidates will be expected to develop externally-funded research programs, participate in scholarship, and perform professional outreach and general service.

MINIMUM QUALIFICATIONS:
- Ph.D. in Mechanical Engineering or closely related field by appointment date.
- Expertise in one or more of the following technical areas:
  - Dynamic Systems/Automatic Controls/Robotics/Mechatronics.
  - Non-Destructive Testing, Fatigue and/or Fracture Mechanics, Advanced Materials.
  - Advanced Manufacturing.
- Demonstrated effective verbal and written communication and motivational skills.

PREFERRED QUALIFICATIONS:
- Ph.D. degree from a school with an ABET-accredited B.S. program in Mechanical Engineering.
- Demonstrated effective teaching experience in an ABET-accredited program.
- A research record and evidence of the ability to develop externally-funded research with emphasis on one or more of the desired focus areas.
- Capable of teaching and scholarly work in more than one subject area in the field of expertise.
- Relevant practical engineering experience in industry.
- Experience in experimental/laboratory-based research.

SALARY: Commensurate with qualifications.

UNIVERSITY/COMMUNITY:
South Dakota State University is a land grant institution and the state's largest institution of higher education with an enrollment of approximately 12,500 students. SDSU began offering the course of study leading to a BSME degree in 1884. The Mechanical Engineering Department offers an ABET-accredited B.S. program with a historic focus on quality undergraduate engineering education. The department also offers both M.S. and Ph.D. degrees. There are more than 400 undergraduates and 40 graduate students currently enrolled in the program.

SDSU is located in Brookings, South Dakota, a community of approximately 22,100 near the east central border of South Dakota on Interstate 29. The city has an excellent K-12 education system, is accessible to major medical facilities, has an active cultural and social environment, and has numerous lakes and parks within driving distance. It is 50 miles north of Sioux Falls, a city with
a population of approximately 150,000. Minneapolis-St. Paul and Omaha are within easy driving distance. Several multi-national companies have major facilities in or near Brookings, including 3M, Bel Brands, Valero Energy, Daktronics, and Larson Manufacturing. Brookings was recently ranked as the safest college town in the U.S. by SafeWise.com.

APPLICATION DEADLINE: Positions are open until filled with full consideration given to applications received by December 1, 2015.

APPLICATION PROCESS: SDSU accepts applications through an on-line employment site. To apply, visit: https://yourfuture.sdbor.edu, search by the position title, view the job announcement, and click on “apply for this posting.” The system will guide you through the electronic application form. The employment site will also require the attachment of a cover letter, which should specifically address how the candidate meets the qualifications as outlined in the advertisement; curriculum vitae; and a reference page with the contact information for three professional references. Please contact SDSU Human Resources at (605) 688-4128 if you require assistance with the electronic application process.

Any offer of employment is contingent on the university’s verification of credentials and other information required by law and/or university policies, including but not limited to, a criminal background check.

For questions on the position, contact Dr. Zhong Hu, Search Committee Chair at Zhong.Hu@sdstate.edu or (605) 688-5426.

South Dakota State University is committed to affirmative action, equal opportunity and the diversity of its faculty, staff and students. Women, veterans, persons with disabilities, and minorities are encouraged to apply. Arrangements for accommodations required by disabilities can be made by emailing HR@sdstate.edu. SDSU prohibits discrimination on the basis of race, color, creed, religion, national origin, citizenship, ancestry, gender, marital status, pregnancy, sexual orientation, age, disability, veteran’s status or any other protected class in the offering of all educational programs and employment opportunities. Individuals with concerns regarding discrimination should contact: Equal Opportunity Officer/Title IX Coordinator, Human Resources, Administration 100, SDSU, Brookings, SD 57007. Phone: (605) 688-4128.