



The Combustion Institute

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Faculty Positions

The Department of Mechanical Engineering at Mississippi State University invites applications for three tenure-track Assistant Professor Positions in several areas of Mechanical Engineering. The areas of interest include Energy Systems, Combustion Engines, Dynamics and Vibrations, Mechanical Design, Fatigue, and Computational Engineering/HPC. Successful candidates will be expected to develop internationally-recognized, externally-funded, sustainable research programs and to make significant contributions to the department's teaching and service responsibilities.

The Department of Mechanical Engineering is one of eight academic departments in the Bagley College of Engineering. The Department offers an ABET-accredited undergraduate program in mechanical engineering, as well as graduate studies leading to M.S. and Ph.D. degrees. In addition, the department offers graduate distance M.S. and Ph.D. programs. The Department has approximately 940 undergraduates, 110 graduate students, 17 tenured and tenure-track faculty members, three clinical faculty, and two instructors. Annual research expenditures for the department are approximately \$12 million. Faculty members play a vital role in several college and university research centers (<http://www.me.msstate.edu>) and have developed strong research programs in the areas of computational engineering, energy systems design, materials science and engineering, and solid mechanics. Several faculty members have strong relationship with the Center for Advanced Vehicular Systems (<http://www.cavs.msstate.edu>), the Energy Institute (<http://www.ei.msstate.edu>), and other university research centers.

Essential Requirements and How to Apply

Applicants must have a Ph.D. in mechanical engineering or a closely aligned field (ABD's will be considered). Candidates are expected to have demonstrated the ability to conduct research at the highest level and to have a record of, or the promise for, outstanding teaching and supervision of students. Applicants must apply online by submitting a cover letter, curriculum vitae, names and contact information for at least three professional references, and a statement that describes research and educational interests. The online applicant site can be accessed by going to www.MSUJobs.msstate.edu and searching for PARF #496293 or by clicking directly on <http://explore.msujobs.msstate.edu/cw/en-us/job/496293/assistant-professor>. Screening of applications will begin as soon as they are received and will continue until the positions are filled.

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