New Faculty Search: Assistant Professor (Tenure Track) 
Emphasis in Computational Solid/Structural Mechanics

The department of Mechanical Engineering at University of Mississippi (popularly recognized as “Ole Miss”), Oxford, MS is seeking to fill a Tenure-Track Assistant Professor position in Computational Solid/Structural Mechanics to start in August 2015. Candidates should have proven expertise in the multiscale modeling of structural, heterogeneous materials, and/or energy systems that are complementary and synergistic with existing research areas in the School. The computational mechanics topics include but are not limited to: micro/meso-scale solid mechanics, mechanics of biological systems, and mechanics of materials for energy applications. The successful candidate is expected to make a significant contribution to the School’s research activities and to build a strong, externally funded research program. The candidate should also have a marked interest in, and demonstrated talent for, teaching in both the undergraduate and graduate programs. The candidate is expected to foster a balanced program of research and instruction that integrates the perspectives of computational mechanics, structural dynamics, and materials science. The candidate is also expected to develop strong collaborative research in the area of computational mechanics with faculty performing experimental research in blast response of composite materials, multiscale modeling of biological materials, and energy harvesting systems.

University of Mississippi is a public institution that was founded in 1844. It has a total undergraduate enrollment of about 16,677, its setting is rural, and the campus size is 3,391 acres. It utilizes a semester-based academic calendar. The Oxford campus is ranked as one of the nation’s 10 safest. For the sixth time in seven years, the University of Mississippi has been recognized as one of the nation’s “Great Colleges To Work For” by the Chronicle of Higher Education.

Interested candidates should submit a CV with a cover letter by January 15, 2015. The letter should discuss research plans, laboratory requirements, and teaching interests. Candidates should hold a Ph.D. from a reputed institute and demonstrate potential for outstanding research and a commitment to teaching. Candidates should arrange for at least 3 letters of reference to be submitted to the Chair of the search committee at following address:

Arunachalam M. “Raj” Rajendran, PhD
Chair and Professor
Department of Mechanical Engineering
229 Carrier Hall
University of Mississippi, Oxford, MS 38655