

Raman P. Singh, PhD

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Dr. Raman P. Singh serves as the Associate Dean for Engineering at OSU-Tulsa and as the Head of the School of Materials Science and Engineering in the College of Engineering, Architecture and Technology at Oklahoma State University (OSU). He also serves as the Director of the Helmerich Advanced Technology Research Center on the OSU-Tulsa campus and is appointed as the Helmerich Family Endowed Chair Professor of Engineering. Raman holds M.S. and Ph.D. degrees in Mechanical Engineering and Applied Mechanics from the University of Rhode Island, and a B.Tech. degree in Mechanical Engineering from the Indian Institute of Technology-Kanpur, India. Prior to joining OSU in 2006 he was a faculty member at the State University of New York at Stony Brook, and before that a post-doctoral scholar at the California Institute of Technology.

Raman's research interests are in the failure mechanics of advanced and complex material systems, with an emphasis on the development of new techniques for material failure characterization. His academic interests are in recruiting, mentorship, and retention of non-traditional and underrepresented student groups. His research has been funded by the National Science Foundation, NASA, the Oklahoma Center for the Advancement of Science & Technology, the Oklahoma Transportation Commission, the US Army Research Office, the Department of Energy, and industry. He has authored or co-authored several archival journal publications and conference proceedings, and holds two patents. He is an active member of the Society of Experimental Mechanics (SEM) and serves as an Associate Technical Editor for *Experimental Mechanics*. He is also a member of the American Society of Mechanical Engineers (ASME) and The Minerals, Metals & Materials Society (TMS). Besides academia, Raman enjoys travel, restoring cars, backpacking, photography, and spending time with his two daughters.