



Bio of Dr. Shamim

Dr. Shamim is a Professor of Mechanical Engineering at the Masdar Institute of Science and Technology. He earned his doctorate in mechanical engineering and a master's in aerospace engineering from the University of Michigan - Ann Arbor. He received a second master's in mechanical engineering from the University of Windsor, Canada, and holds his bachelor's degree in mechanical engineering from the N.E.D. University in Karachi, Pakistan. Prior to joining the Masdar Institute, Dr. Shamim was a tenured faculty member in the Department of Mechanical Engineering at the University of Michigan-Dearborn. During his sabbatical and summer leaves from the University, Dr. Shamim also held visiting faculty appointments at the Massachusetts Institute of Technology, National University of Singapore, American University of Sharjah, NED University of Engineering & Technology, Oak Ridge National Laboratory and Ford Motor Company.

Dr. Shamim specializes in the broad area of sustainability with special focus on clean energy technologies. His research and consulting work has been supported by several grants from the NSF, US Department of Defense, US Department of Energy, automotive, aerospace, and oil companies, and the government of Abu Dhabi. He has been actively involved in many professional organizations including ASME, SAE and Combustion Institute. He is a recipient of SAE International Ralph Teetor award (2004) for excellence in teaching.