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Bhupesh Kumar Lad is a Professor in the Department of Mechanical Engineering at the Indian Institute of Technology Indore (IIT Indore). He received a Ph.D. degree in Mechanical Engineering from the Indian Institute of Technology Delhi in 2010. Bhupesh worked with GE Global Research Centre, India, as a Research Engineer from 2010 to 2011. He has also served as Associate Dean, Research and Development, at IIT Indore for over four years. His primary research interests include smart manufacturing, reliability engineering, and prognostics. He has published various research articles in international journals of repute. He is one of the authors of the book *Machine Tool Reliability* published by Wiley and Scrivener, the USA in 2016. Bhupesh is the investigator of various research projects funded by national and international funding agencies and is leading the activities of the Industry-Academia Consortium on Smart Manufacturing ([IndAC-SM](#)). Bhupesh received the Hamied-Cambridge Visiting Lecture Fellowship of the University of Cambridge, UK, in 2016. Bhupesh was the recipient of the Newton grant (2016-2018) and the Industry-Academia Partnership Program (IAPP) grant (2018-2021) of the Royal Academy of Engineering, London. Bhupesh recently received the Distinguished International Associate (DIA) Fellowship from the Royal Academy of Engineering (RAE), London.