

Biography: Doctor Deodhar is a leading industry based researcher and inventor in electric machines R&D with 30+ years of experience at Hitachi of Japan, SPEED (Scottish Power Electronics & Electric Drives) Laboratory at Glasgow University of Scotland, and IMRA Europe SAS UK Research Centre (part of Aisin Group of Japan, which itself belongs to the Toyota Group of Japan), where he is currently working as a Project Manager on the design and analysis of a wide range of motors and actuators used in automotive components and systems. He holds Beng (Mumbai University), MTech (CEDT Indian Institute of Science) and PhD (Glasgow University) degrees, and is a Fellow Member of the UK based IET, and a Senior Member of the US based IEEE. He is a co-author for over one hundred publications at international conferences and peer-reviewed journals, including being a named co-inventor for over 40 international patent (applied or granted) documents. Doctor Deodhar has received numerous awards, including the IISc Gold Medal in 1991, the IAS Electric Machines Committee first prize paper Award in 1996, the IEEE T-IA journal second prize paper Award in 1998 and 2017, as well as best paper awards at various IEEE international conferences in 2010, 2012 and 2014.