



Prof. Gopalan Jagadeesh is currently working as a Senior Professor in the Department of Aerospace Engineering, Indian Institute of Science (IISc) Bangalore, India. He is the Founder Chairman of Centre of Excellence in Hypersonics, IISc, Bangalore. He mentors several start-ups in aerospace and biomedical space that are formed with equity participation from IISc to commercialize several of his discoveries related to shock waves.

Prof. Jagadeesh is one of the leading researchers in Hypersonic Aerothermodynamics and shock wave propagation in complex fluids, which are the most advanced fields of research relevant to space, defense and innovative terrestrial applications. He has published over 350 papers in peer reviewed International Journals, conferences and edited 3 books. He has TWENTY-FIVE PATENTS on various discoveries related to Shock Waves and hypersonic flow control.

He is currently the President of the International Shock Wave Institute, Japan and also the Society for Shock Wave Research India. He is a Fellow of the prestigious Royal Aeronautical Society, (UK), Indian Academy of Sciences, National Academy of Sciences, National Academy of Engineering and Associate Fellow of American Institute for Aeronautics and Astronautics. He has been bestowed upon with several awards in recognition of his professional achievements.

Recently he was bestowed with the prestigious 'Rajyotsava Award – 2023' by the Govt. of Karnataka for significant life time contributions to science and technology. Prof. Jagadeesh is very passionate about spreading scientific temper especially among rural children. He has interacted with over 525,000 high school/college students in India till date, to propagate the benefits of shock wave research and spirit of innovation.