



Brief Curriculum Vitae of

Dr. Ranjan Vepa

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PROFILE :

Dr. Ranjan Vepa (Ph. D. Stanford, M. A. Sc. Waterloo, MRAeS, CEng.) is a Lecturer with the School of Engineering and Material Sciences at Queen Mary, University of London as well as the Programme Director for the Avionics Programme.

Ranjan received his Ph.D. in Applied Mechanics from Stanford University in 1975, specialising in the area of Aeroelasticity under the guidance of the Late Prof. Holt Ashley. Prior to joining Queen Mary he was with NASA Langley Research Center, where he was awarded a National Research Council Fellowship and conducted research in the area of unsteady aerodynamic modelling for active control applications. Subsequently he was with the Structures Division of the National Aeronautical Laboratory, Bangalore India and the Indian Institute of Technology, Madras, India. Ranjan was invited by Queen Mary College, in 1984, as a Visiting Fellow by Prof. G. J. Hancock.

Ranjan is a staunch believer in interdisciplinary research and undertakes research projects on the design and development of smart medical devices involving concepts based on navigation. He is particularly interested in the application of satellite navigation to the design of aerospace flight control and automatic landing systems and to UAV navigation and control systems. Finally Ranjan contributes exclusively to and publishes in highly respected international journals.

Ranjan also spends considerable time in contact with undergraduate students. He is not only a popular lecturer and a passionate teacher but also known for the pastoral support he offers to the students in his Department.

EDUCATION :

Ph. D.(Applied Mechanics) Stanford University, U.S.,(1975)
M. A. Sc. (Mech. Engg.) University of Waterloo, Canada, (1971)
B. Tech.(Mech. Engg.) Indian Institute of Technology, Madras, India, (1969)

MEMBERSHIP OF PROFESSIONAL BODIES

Chartered Engineer, (Reg. No. 525798),
Member, Royal Aeronautical Society, London. (MRAeS), (Mem. No.: 1363046),
Fellow of the Higher Education Academy (Rec. ref. 6376)
Member of the IEEE and the IEEE Engineering in Medicine and Biology Soc. (M. No. 90394231)