

## **BRIEF RESUME**



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- Prof V Vasudeva Rao obtained his MSc from SV University, Tirupati and PhD in Physics from IIT Madras.
- He has served at IIT Kharagpur for 40 years (1982-2022) and retired as Professor (Higher Administrative Grade) from Cryogenic Engineering Centre. Presently he is working as a Visiting Professor in Department of Physics at IIT Tirupati
- His research areas include Semiconductor Engineering, Vacuum Technology, Superconductivity & Applications, Quantum Computing, Cryogenic Engineering.
- He has served as Head of Cryogenic Engineering Centre and Chairman of Hall Management Centre, IIT Kharagpur.
- He is a Fellow of Indian Cryogenics Council, Senior member IEEE and Life member of Indian Vacuum Society.
- He has visited Germany and France for advanced training in Vacuum and Cryogenic Technologies
- He has served as a consultant to Power Grid Corporation of India, Bharat Heavy Electricals Limited (BHEL), DRDO, Crompton Greaves, Schneider Electric and Applied Materials
- He has handled sponsored projects from government agencies (IPR, DST, CSIR, ISRO) and reputed industries.
- He has organized 35 short term courses (Self sponsored) on Vacuum Technology and Process Applications.
- He has co-authored a book on Vacuum Science & Technology and contributed book chapters on Superconducting Energy Storage.
- He has published 110 papers in reputed International and National Journals.
- He has guided 10 PhD's, 2 MS theses and 35 Mtech theses.
- He has delivered SWAYAM NPTEL course on Vacuum Technology and Process Applications.
- He is a Technical advisor to National Design and Research Forum (NDRF) and various industries.