Dr, S. Venugopal has retired from the Indira Gandhi Centre for Atomic Research (IGCAR), Department of Atomic Energy, Government of India, Kalpakkam, India on superannuation after serving 36 years. At that time of his retirement he was in the grade of 'Outstanding Scientist' and holding the position of Director, Metallurgy and Materials Group and Associate Director of the Group for Robotics, Irradiation Experiments, Remote Handling and Post Irradiation Examination of IGCAR.

He has obtained his B.E., Degree from Annamalai University in Mechanical Engineering and subsequently, he has undergone Advanced Training in Nuclear Engineering in Bhabha Atomic Research Centre Training School, Mumbai. He has obtained his M.S. (By Research) in Metallurgical Engineering from Indian Institute of Technology Madras, Chennai and Ph.D., and D.Sc., in Metallurgy from the University of Madras, during the course of his career at IGCAR.

He has pursued Post-Doctoral Research Studies in the Materials Directorate, Wright Laboratory, United States Air Force, Wright-Patterson Air Force Base, Ohio, USA under the coveted Resident Research Associateship Award of the National Research Council of United States of America. He has served as Guest Faculty and Visiting Professor in the Indian Institute of Technology, Madras and Visiting Professor in Department of Mechanical Engineering, University of Colorado at Boulder, Co, USA. He has served as Member in Academic Council, Anna University and Pondicherry Engineering College and Member, Board of Governors, National Institute of Technology Puducherry, Karaikal.

He is a recipient of 'Metallurgist of the Year -2001' award by Ministry of Steel, Government of India and the Indian Institute of Metals, 'SAIL Gold Medal' of Indian Institute of Metals in 2008, 'I.T. Mirchandani Award, Weldman Award and Sharp Tools Award' of Indian Institute of Welding, 'Life Time Achievement Award' from Lions Club International District 324AL and Lions Club of Pudupattinam in 2015 and 'Student Invention Talent Award' of National Research Development Corporation of India, twice,

He has been elected as a 'Fellow of Indian National Academy of Engineering (FNAE),' Life Fellow of the "Indian Institute of Metals (FIIM)," "Fellow of American Society of Materials International (FASM)" and "Fellow of Academy of Science, Chennai (FASc)."

He has more than 110 papers in journals, 60 papers in proceedings and 1 US patent at his credit.