



Speaker Biography

Prof. R.S. Sirohi had been deeply engaged in academic administration and research since 2000 as Director IIT Delhi (Dec. 2000- April 2005), Vice-Chancellor Barkatullah University, Bhopal (April 2005-Sept. 2007), Vice-Chancellor of Shobhit University, Meerut (Oct. 2007-March 2008) and Vice-Chancellor of Amity University Rajasthan, Jaipur (March 2008-Oct.2009). Prof. Sirohi did his Masters in Physics in 1964 from Agra University and Post M.Sc. in Applied Optics and Ph. D. in Physics, both from Indian Institute of Technology, New Delhi in 1965 and 1970 respectively. Prof. Sirohi was Assistant Professor in Mechanical Engineering Department at Indian Institute of Technology Madras during 1971-1979. He became Professor in the Physics Department of the same Institute in 1979.

Prof. Sirohi worked as Humboldt Fellow at Physikalische - Technische Bundesanstalt Braunschweig, Germany (1974-75). He was a Senior Research Associate at Case Western Reserve University Cleveland, USA (1979-80). Prof. Sirohi was an Associate Professor at Rose Hulman Institute of Technology, Terre Haute, USA (1985-86). He was ICTP (International Center for Theoretical Physics, Trieste Italy) Consultant to Institute for Advanced Studies, University of Malaya, Malaysia and ICTP Visiting Scientist to the University of Namibia. He was Visiting Professor at the National University of Singapore (1996-97) and Humboldt awardee at the University of Oldenburg, Germany (1997-98). During September 2011 and May 2013, he was Distinguished Scholar in the Department of Physics and Optical Engineering, Rose-Hulman Institute of Technology, Terre Haute, IN (USA). During August 2013 and October 2016, he was Chair Professor at Tezpur University, Assam (India). **Currently he is serving as faculty member in the department of Physics at Alabama A&M University, Huntsville (USA).**

Prof. Sirohi is Fellow of several important academies/ societies in India and abroad including Indian National Academy of Engineering; National Academy of Sciences, Optical Society of America; Optical Society of India; SPIE (The International Society for Optical Engineering) and honorary fellow of ISTE and Metrology Society of India. He is member of several other scientific societies, and founding member of India Laser Association. Prof. Sirohi was also the Chair for SPIE-INDIA Chapter, which he established with co-operation from SPIE in 1995 at IIT Madras. He was invited as JSPS Fellow and JITA Fellow to Japan. He was a member of the Education Committee of SPIE.

Some selected awards (out of 21) received by Prof. Sirohi are:

- Humboldt Research Award (1995) by Alexander von Humboldt Foundation, Germany
- Galileo Galilei Award of International Commission for Optics (1995)
- Padma Shri, a national Civilian Award (2004)
- Holo-Knight, inducted into Order of Holo-Knights during the International Conference-Fringe 05-held at Stuttgart, Germany (2005)
- Life-Time Achievement Award by Optical Society of India (2007)
- Gabor Award 2009 by SPIE (The International Society for Optical



Engineering) USA (2009)

- Distinguished Alumni Award by Indian Institute of Technology Delhi (2013)
- Vikram Award 2014 by SPIE (International Society for Optical Engineering) USA (received 2015)

Prof. Sirohi is a member on several Boards and Committees in India. He was the President of the Optical Society of India during 1994-1996. He has been President of Instrument Society of India for three terms. He was on the International Advisory Board of the Journal of Modern Optics, UK and on the editorial Boards of the Journal of Optics (India), Optik, Indian Journal of Pure and Applied Physics. He was Guest Editor to the Journals "Optics and Lasers in Engineering" and "Optical Engineering". Currently he is Senior Editor of the International Journal "Optical Engineering", USA and Series editor of series on Optics, Photonics and Optoelectronics published by Institute of Physics, UK.

Prof. Sirohi has published 245 papers in national and international journals, 72 papers in Proceedings of the conferences/symposia and has authored/co-authored/edited thirteen books including five milestones for SPIE. He has participated in numerous international and national conferences and presented 166 papers. He has delivered 56 invited talks in various national and international conferences/symposia. He was Principal Co-ordinator for 26 projects sponsored by Government Funding Agencies and Industries. He has supervised 25 Ph.D. theses, 7 M.S. theses and numerous B.Tech., M.Sc. and M.Tech. theses.

Prof. Sirohi's research areas are Optical Metrology, Optical Instrumentation, Laser Instrumentation, Holography and Speckle Phenomenon.