

Brief Curriculum-Vitae

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Education: 1980-1983 BSc, Physics, Sri Venkateswara University - Distinction and IV Rank.
1983-1985 MSc, Physics, Sri Venkateswara University - First Class and V Rank.
1985-1990 PhD, Physics (Photovoltaic Materials), Sri Venkateswara University.

Academic positions: 1992-1997 Lecturer, Sri Venkateswara University.
1997-2002 Assistant Professor, Sri Venkateswara University.
2002-2006 Associate Professor, Sri Venkateswara University.
2006- Till date Professor, Sri Venkateswara University.

Administrative Experience

Director, Centre for 5 Year Integrated Programs, SV University (2007-2008)
Coordinator, MSc Integrated Course in Physics, SV University (2007-2010)
Chairman, Board of Studies, 5 Year Integrated Programs, SV University (2007-2008)
Coordinator, DST-FIST Programme (2014-16); UGC CAS-II Programme (2015-2020)

Honorary Titles

Visiting Professor, Northumbria University, Newcastle upon Tyne, UK.

Honorary Professor, Tokyo University of Sciences, Tokyo, Japan.

Awards / Fellowships

UGC Mid-Career Award (2017)
Best Teacher Award, Govt. of Andhra Pradesh (2015)
Marie Curie Fellowship, European Commission, Brussels (2011-2013)
JSPS Fellowship, Tokyo University of Sciences, Tokyo, Japan (Nov. – Dec., 2009)
Commonwealth Research Fellowship, Commonwealth Commission, UK (Oct. 2008 – March 2009).
Visiting Fellowship, INSA-Royal Society, UK (Nov., 2003 – Jan. 2004)
Visiting Fellowship, Engineering & Physical Sciences Research Council (EPSRC), UK (May – July 2001, 2002)
Commonwealth Research Fellowship, Commonwealth Commission, UK (1999 – 2000)
Visiting Fellowship, Ministry of Science, Govt. of Israel (June – Aug., 1998)
BOYSCAST Fellowship, Dept. of Science and Technology, New Delhi (1997 – 1998)
Chinese Fellowship, Ministry of Human Resource Development, New Delhi (May – June, 1996)
DAAD Fellowship, DAAD Foundation, Germany (April – June, 1995)

Teaching activity: Teaching MSc (Physics), MSc (Nanomaterials) and MTech (Energy Management) students on subjects - Solid State and Semiconductor Physics, Statistical Mechanics, Nuclear Physics, Mathematical Physics, Analytical Techniques, Solar Photovoltaics and Thin Films Physics at the Department of Physics, Sri Venkateswara University since 1992.

Research activity: Conducting research in polycrystalline thin films such as CuGaSe₂, CuInSe₂, CuGaTe₂, CuInGaSe₂, SnS, CdS, ZnCdS, CdO, ZnO, ZnS, ZnSe, ZnSSe, In₂S₃, In₂O₃, ZnMnO and ZnMgO since 1996 leading to the development of solar photovoltaic cells and other devices for the last 32 years.

Research Supervision: Ph. D. - 21; M. Phil. - 7; M. Sc. / M. Tech. Project works: 18

Research grants: Projects completed: 10; On-going: 3 (Slovenia, Russia)

Publications: Invited Reviews / Book Chapters: 2;
Journals: International – 104; National - 26,
Invited Talks: 21; Patents: 2 (UK)
Conference presentations: International-62; National -78

Membership in Professional bodies

Life Member - Semiconductor Society of India, Solar Energy Society of India, Instruments Society of India, Indian Vacuum Society, Society for Solid State Sciences.
Member - Association of British Scholars, AP Academy of Sciences

Abroad visits: Visited Italy, Germany, China, Israel, UK, France, Thailand, Greece, Japan, Macao, Cyprus, Crete, Singapore, Belgium, Taiwan, Estonia, Slovenia, Belarus.