

Prof. Dr. Kannan Srinivasan

Broad Area: Chemical Sciences

Specialization: Heterogeneous Catalysis & Materials Chemistry

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Education:

M.Sc from IIT Madras, Chennai, India in 1990

Ph.D. from IIT Madras, Chennai, India in 1995

Post-Doctoral Fellow at National Chemical Laboratory, Pune, India in 1996

Current Affiliation:

Director, CSIR-Central Salt and Marine Chemicals Research Institute (CSIR-CSMCRI; www.csmcri.res.in)

Professor, Academy of Scientific & Innovative Research (AcSIR), India

Research Profile: Author of 80+ research publications over 2600 citations with h-index of 32, reviews, a book on catalysis entitled "Catalysts and Surfaces: Characterization Techniques", several book chapters and primary inventor of eight original patents which includes three granted US Patents (along with family of patents in 11 other countries like EU, China, CA).

Given many invited lectures in universities and institutions both nationally and internationally and presented work in various national and international conferences both in India and in abroad; Member of the delegation representing the country in the field of catalysis.

Handled several research projects and graduated many Ph.D. (8 completed; 3 ongoing), M.Tech and M.Sc students (19). Currently, the group has three doctoral students/project staff.

Awards & Honors: CSIR Young Scientist Award and INSA Medal for Young Scientist - 1998

Alexander von Humboldt Fellow - 2001-02, Prof.H.Knozinger, LMU, Germany

JSPS-INSA Research Fellow - 2003-04, Prof.T.Hattori and Prof.A.Satsuma, University of Nagoya, Japan

Raman Research Fellow – 2009, Prof. Tom Mallouk, The Pennsylvania State University, USA.

Dharamsi Morarji Chemical Company Visiting Fellowship by Institute of Chemical Technology, Mumbai for the year 2013-14

Secretary, Catalysis Society of India 2011-2013, Executive Committee Member, Catalysis Society of India 2009-2015; RSC Affiliate member, 2012-16; ACS Member, 2015-18

Editor – News Brief - Bulletin of Catalysis Society of India

Member, Editorial Board - Frontiers in Environmental Chemistry

Member, Affiliate Member, Royal Society of Chemistry (2012-2016)

Member, American Chemical Society (2015-2018)

Fellow – Gujarat Science Academy, 2016

Fellow – Royal Society of Chemistry, 2016

CRSI Bronze Medal - 2018

Research interests: Layered double hydroxides (LDHs); Catalysis for fine and specialty chemicals, in particular for perfumery chemicals; Chemicals and fuels from bio-renewable; CO₂ utilization for chemicals; C-C bond forming reactions using solid base catalysis; Delamination of LDHs including polymer-LDH(bio-polymer) nanocomposites; Environmental remediation of anions

ResearcherID Link: www.researcherid.com/rid/B-9286-2008