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EDUCATION

- MSc** : Analytical Chemistry, University of Madras, CHENNAI (1982)
- PhD** : Physical Chemistry, Indian Institute of Technology-Madras, CHENNAI (1988)
- PDF** : X-ray Crystallography, University of Geneva, GENEVA, SWITZERLAND (1988-1990)
Condensed Matter Physics, University of Geneva, GENEVA, SWITZERLAND (1990-1992)

PROFESSIONAL CAREER

CURRENTLY

- **Professor** : Department of Chemistry, IIT-Madras, CHENNAI (2006 onwards)
- **Professor & Head** : National Centre for Catalysis Research (NCCR), IIT-Madras, CHENNAI (2016 onwards)
- **Coordinator** : MTech (Catalysis Technology), Dept. of Chemical Engineering, IIT-Madras (2016 onwards)
- **Visiting Professor** : International Research Organization for Advanced Science and Technology (IROAST), Kumamoto University, KUMAMOTO, JAPAN (2022 onwards)

FORMERLY

- **Regular Faculty** : Department of Chemistry, IIT-Bombay, Powai, MUMBAI (1992-2006)
- **Associate Faculty** : Energy Systems Engineering, IIT-Bombay, Powai, MUMBAI (1992-2006)
- **Visiting Professor** : School of Chemical Engineering, The University of Queensland, BRISBANE (2001)
- **Professor** : Department of Materials Chemistry, Tohoku University, SENDAI (2002-2003)
- **Visiting Professor** : School of Chemistry and Chemical Engineering, Queen's University, BELFAST (2023)
Delaware Energy Institute, University of Delaware, NEWARK (2023)
- **Adjunct Faculty** : School of Science and Health, University of Western Sydney, PENRITH (2013-2015)
 - + New Industry Creation Hatchery Center, Tohoku University, SENDAI (2006, 2013-2018)
 - + Golden Jubilee / Dai Ichi Karkaria Fellow: Institute of Chemical Technology, MUMBAI (2016-2017 / 1999-2000)
 - + Australian Institute for Bioengineering and Nanotechnology, The University of Queensland, BRISBANE (2008-2011)
 - + Department of Chemical and Process Engineering, University of Surrey, GUILDFORD (2018-2021)
 - + School of Chemical Engineering and Analytical Science, The University of Manchester, MANCHESTER (2018-2021)
- **Other Assignments**
 - + Visiting Academic, School of Chemistry, Cardiff University, CARDIFF, United Kingdom
 - + Visiting Academic, Global Innovative Centre for Adv. Nanomaterials, The University of Newcastle, Australia
 - + Visiting Academic, Department of Chemical & Biological Engineering, Monash University, CLAYTON, Australia
 - + Visiting Academic, Dept. of Surface Chemistry and Catalysis, Institute of Isotopes, BUDAPEST, Hungary
 - + Visiting Academic, Dept. of Condensed Matter Physics, University of Geneva, GENEVA, Switzerland
 - + International Visitor, N.D. Zelinsky Institute of Organic Chemistry, MOSCOW, Russia
 - + International Visitor, National Institute of Materials Science, TSUKUBA, Japan
 - + International Visitor, School of Chemical Sciences, Dublin City University, DUBLIN, Ireland
 - + International Visitor, School of Biotechnology, Dublin City University, DUBLIN, Ireland

AWARDS

- Winner, Royal Society of Chemistry Inspirational Award, London, 2022.
- Long Service Award, Royal Society of Chemistry, London, 2022.
- Distinguished Speaker, Platinum Seminar Series, Monash University, Clayton, 2018.
- Distinguished Lecture Series Award, The University of Manchester, Manchester, 2018.
- Rev. Fr. Yeddanapalli Memorial Award, Loyola College, Chennai, 2016.
- Dr. G.P. Kane Distinguished Speaker Award, Indian Institute of Chem. Engineers, Kolkata, 2016.
- Winner, Royal Society of Chemistry Service Award, London, 2014.
- Sistla Kameswari Young Scientist Award (Catalysis), Catalysis Society of India, Chennai, 2002.
- Mayavati Memorial Young Scientist Award (Solid State Chemistry), IASSCAS, Jammu, 2001.
- JCPDS Award, Int. Centre for Diffraction Data, Pennsylvania, 1990: Set 40, No.1204-1206.

FELLOWSHIPS

- Elected Fellow, Indian Chemical Society, Kolkata, 2023.
- Elected Fellow, The Academy of Sciences, Chennai, 2016.
- Elected Fellow, Madras Science Foundation, Chennai, 2015.
- Elected Fellow, The Royal Society of Chemistry, London, 2002.
- Elected Fellow, Maharashtra Academy of Sciences, Pune, 2001.

EDITORIAL BOARD

- Associate Editor, Frontiers in Chemical Engineering, Frontiers Media SA, 2019 onwards.
- Editorial Board Member, Materials Today Sustainability, Elsevier Publishers, 2018 onwards.
- Editorial Board Member, Catalysis in Green Chemistry and Engineering, Begell House Publishers, 2018 onwards.
- Editorial Board of Referees, ARKIVOC, Arkat USA Inc., 2024 onwards.
- Associate Editor, Advanced Porous Materials, American Scientific Publishers, 2013-2018.

HONOURS

- Vice-President, Catalysis Society of India, Madras, 2018 onwards.
- Honorary Treasurer, Royal Society of Chemistry–South India, 2015-2021.
- Member, Dublin City University's Research College & Advisory Panel, 2014-16.
- Honorary President & Honorary Treasurer, RSC–South India, 2011-2015.
- Member, Indo-Hungary Delegation (Catalysis), Chennai, 2010.
- Treasurer, Catalysis Society of India, 2003-2005.
- Secretary, Catalysis Society of India (Mumbai Chapter), 2002-2004.

RECOGNITION

- Professor T. Balakrishnan Endowment Lecture, University of Madras, Chennai, 2022.
- Member, Mission Mode Project: Catalysis for Sustainable Development, CSIR, 2017-2019.
- Member, Empowerment & Equity Opportunities for Excellence in Science, DST/SERB, 2016-2018.
- Member, Programme Advisory Committee Member (Phys. Chem.), DST/SERB, 2012-2015.
- Rev. Sr. Annamma Philip Endowment Lecture, Stella Maris College, Chennai, 2012.
- Professor S. Lakshmi Narasimhan Endowment Lecture, A.M. Jain College, Chennai, 2012.
- Member, German Excellence Initiative, DFG, Bonn, 2011.
- Professor N. Venkatasubramanian Endowment Lecture, Vivekananda College, Chennai, 2010.

DISTINCTION

- Member, Board of Management, Vels Institute of Sci., Technol. & Adv. Studies, Chennai, 2019-2023.
- Member, Higher Secondary Textbook (Chemistry - 2nd Year) Writing Committee, SCERT, Chennai, 2019.
- Member, Higher Secondary Textbook (Chemistry - 1st Year) Writing Committee, SCERT, Chennai, 2018.
- Group Leader, IIT-Madras, Delegation to the University of Cardiff, Cardiff (UK), 2018.
- Member, Indo-French Delegation (Catalysis Design by NMR), Lille (France), 2017.
- Group Leader, IIT-Madras, The University of Manchester (UK) and IIT-Madras Delegation, 2017.
- Group Leader, IIT-Madras, Delegation to the University of Manchester, Manchester (UK), 2015.
- Coordinator, RSC – India Road Show, IIT-Madras, Chennai, 2014.
- Speaker, The New Indian Express ThinkEdu Conclave, Chennai, 2014.
- Member, The University of Queensland, and India Delegation to Brisbane, 2014.
- Member, UK Science & Innovation Network/RSC Delegation to Durban (South Africa), 2014.
- Group Leader, Indo-Russian Delegations, St. Petersburg/Chennai/Novosibirsk (Russia), 2013/2011/2009.
- Member, Indo-UK Delegation (Catalysis), Pune, 2006.

STUDENTS' PRIZES

- Bhagyalakshmi & Krishna Ayengar Prize (Surya K. Vatti), Awarded at the 60th Convocation, IIT-Madras, 2023.
- Best Oral Presentation Award, Int. Con. on Recent Trends in Material and Magnetism (Vandana Verma), 2022.
- Best Poster Award, EUROMOF2021, Krakow (Rimita Bose), 2021.
- Best Thesis Award - LANGMUIR PRIZE (Rajesh K. Parsapur), Chemistry, IIT-Madras, 2019.
- CSI Best Poster Award, 17th National Workshop on Catalysis, Delhi (Sanjeev Gupta), 2019.
- IMMS10 Best Paper, 10th Int. Mesoporous Materials Symposium, Los Angeles (Surya K. Vatti), 2018.
- Hindustan Platinum Best Paper, 23th Natl. Workshop on Catal., Bengaluru (Sanjeev Gupta), 2018.
- RSC-NIT Symp. on Heterogeneous Catalysis and Sustainable Chemistry, Trichy (Sanjeev Gupta), 2016.
- Hindustan Platinum Best Paper, 17th National Workshop on Catalysis, Hyderabad (K. Suthagar), 2016.
- Prof. Ramamurthy Endowment Prize for Best M.Sc. Dissertation (V.V. Kumar), 2012.
- Hindustan Platinum Best Poster, 15th National Workshop on Catalysis, Chennai (B. Kuppan) 2011.
- Hindustan Platinum Best Paper, 2nd Indo–Pacific Conf. on Catalysis, Pune (Vidya Krishna), 2000.
- Hindustan Platinum Best Paper, 14th Natl. Symp. on Catal., Chennai (R.J. Mahalingham), 1998.

PUBLICATIONS : Author / Co-author of **400+** Research Papers and about **25** Patents.

THESIS SUPERVISED : Ph.D. (**21**) M.Tech. (**18**) M.Sc. (**25**)

LECTURES DELIVERED : Plenary Talks (**15**); Keynote Lectures (**25**); Invited Talks (**200+**); Guest Lectures (**100+**)