



*Department of Chemistry & Centre of Advanced Studies in Chemistry  
Panjab University, Chandigarh*

Cordially invites you to the

**Professor BawaKartar Singh Memorial Lecture**

On

**“The Real and Metaphorical Chemistry of Innovations”**

By

**Sumit Bhaduri**

Visiting Professor at IISER (Mohali)

Friday, 26<sup>th</sup> August, 2016 at 11:00 am

**Venue: Prof. R.C. Paul Auditorium, Department of Chemistry,  
Panjab University, Chandigarh**

Vice-Chancellor Professor Arun K. Grover shall preside

Chairperson, Chemistry  
Professor P. Venugopalan

Department Coordinator  
Dr. Navneet Kaur (Asstt. Prof.)

Sumit Bhaduri earned his B Sc degree (1968) from Presidency College, Kolkata, after which he did a Tripos (1971) and PhD (1974) at the University of Cambridge, UK. He was a Royal Society Post-Doctoral Fellow at the University of Milan (1975) followed by post-doctoral work at Cambridge in 1976, and at Northwestern University (1984). **Academic and Research Achievements:** On returning to India in 1977, Bhaduri joined Alchemie Research Center, the central research



laboratory of the ICI group of companies in India. He along with his other colleagues set up the laboratory and initiated strategic research programs in general, and homogeneous oxidation and cluster catalyzed reactions in particular. He resigned from ICI India in 1995 and was with ACC Research and Consultancy Directorate from 1996 to 1998, where he worked on environmental catalysts, ceramics, etc. He was invited to join Reliance Industries Limited (RIL) in 1999 and was a consultant to RIL first as the Head of R&D and then as the Senior Scientific Advisor till 2010. Bhaduri, along with his colleagues, developed and implemented the manufacturing technology of Ziegler-Natta polypropylene catalyst at Reliance Industries Limited. He has over 100 research articles to his credit and obtained several international patents. He has written a book on Homogeneous Catalysis and has taught as a Visiting Faculty at Northwestern University (USA) for many years. He has also been an Invited Professor at IIT Bombay, University of Bordeaux (France) and currently at IISER (Mohali). **Awards and Honours:** Bhaduri was a SERC lecturer and received the SS Bhatnagar Prize in Chemistry in 1992. He was elected a Fellow of the Indian Academy of Sciences, Bangalore in 1989 and a fellow of Indian National Science Academy in 1993.