Programme

11:30 AM	Welcome address by Shri K Dasgupta, Acting Director, CSIR-CGCRI
11:40 AM	Tribute to Founder Director, Dr Atma Ram by Acting Director
11:45 AM	Address by Prof H S Maiti, Former Director, CSIR-CGCRI and INAE Distinguished Professor, Govt College of Engineering & Ceramic Technology, Kolkata
12:00	Introduction of Speaker, Dr Sourav Pal, Director, CSIR-National Chemical Laboratory, Pune by Prof H S Maiti
12:05 PM	11th Atma Ram Memorial Lecture by Dr Sourav Pal
13:05 PM	Presentation of Mementos to Dr Sourav Pal and Prof H S Maiti by Acting Director
13:10 PM	Declaration of CSIR-CGCRI's Research Scholars' Day - 2014 Awards by Dr S K Bhadra, Chief Scientist & ATM, CSIR-CGCRI

कार्यक्रम

11.30 बजे पूर्वाह	श्री कमल दाशगुप्ता, कार्यवाहक निदेशक, सीएसआईआर-सीजीसीआरआई द्वारा स्वागत भाषण
11.40 बजे पूर्वाह	कार्यवाहक निदेशक द्वारा संस्थापकनिदेशक डॉ. आत्माराम को श्रद्धांजलि ज्ञापन
11.45 बजे पूर्वाह	प्रो. एच. एस. माइती, संस्थान के पूर्व निदेशक एवं आइएनएई लब्धप्रतिष्ठ प्रोफेसर, गवर्नमेन्ट कॉलेज ऑव इंजीनियरिंग एण्ड सिरामिक टेक्नोलॉजी, कोलकाता द्वारा संबोधन
12.00 बजे	प्रो. एच. एस. माइती द्वारा वक्ता डॉ. सौरव पाल, निदेशक, राष्ट्रीय रासायनिक प्रयोगशाला, पुणे का परिचय
12.05 बजे अपराह	डॉ. सौरव पाल द्वारा ग्यारहवां आत्माराम स्मृति व्याख्यान
13.05 बजे अपराह	कार्यवाहक निदेशक, सीएसआईआर-सीजीसीआरआई द्वारा डॉ. सौरव पाल और प्रो. एच. एस. माइती को स्मृति चिन्ह प्रदान
13.10 बजे अपराह	डॉ. एस. के भद्र, मुख्य वैज्ञानिक एवं एटीएम, सीएसआईआर-सीजीसीआरआई द्वारा सीएसआईआर-सीजीसीआरआई रिसर्च स्कॉलर्स दिवस - 2014 पुरस्कारों की घोषणा

The 11th Atma Ram Memorial Lecture

Chemical Science in Shaping Functional Materials and Technologies of the Future

by Dr Sourav Pal, Director, CSIR-National Chemical Laboratory, Pune

11वां आत्माराम स्मृति व्याख्यान

भावी प्रौद्योगिकियों एवं प्रकार्यात्मक पदार्थों के निर्माण में रसायन विज्ञान की भूमिका

वक्ता : डॉ. सौरव पाल, निदेशक, राष्ट्रीय रासायनिक प्रयोगशाला, पुणे

26th August, 2014

सीएसआईआर - सीजीसीआरआई

CSIR-CGCRI

About the Speaker: Dr Sourav Pal took over as the ninth Director of CSIR-NCL with effect from 1st December 2010. Previously he had served as the head of Physical and Materials Chemistry Division at the National Chemical Laboratory (CSIR-NCL), Pune from 2002 to 2010. Dr Pal is a distinguished theoretical chemist. He has contributed to diverse areas of theoretical chemistry which span the intellectually demanding and challenging aspects of methodological and conceptual developments. His contribution to the response theory formulation for closed and open shell atomic and molecular systems is well recognised in India and abroad. He has contributed significantly to the area of chemical reactivity and density functional theory response. In recent years he has contributed to the catalytic and hydrogen storage materials using computational material science to interesting chemical applications.

Dr Pal brings with him, apart from his extra-ordinary scholarship and contributions to science, a deep understanding of CSIR-NCL and has had privilege of working with four previous Directors of CSIR-NCL namely Dr L K Doraiswamy (1978-1989), Dr R A Mashelkar (1989-1995), Dr Paul Ratnasamy (1995-2002) and Dr S Sivaram (2002-2010).

Dr Sourav Pal obtained his integrated masters degree in Chemistry from Indian Institute of Technology (IIT) Kanpur in 1977. He received his PhD degree from Calcutta University and joined CSIR-NCL in 1982. He was a post-doctoral fellow at the University of Florida, Gainesville, USA (1986-87) and has been Alexander von Humboldt Fellow at the University of Heidelberg, Germany (1987). He was a visiting Professor at the University of Arizona, Tucson, USA (1995) and the Institute for Molecular Sciences, Okazaki, Japan (1997). He is currently also an adjunct Professor at Indian Institute of Science Education and Research, Pune.

Dr Pal has been recognised by several awards and honours for his contribution to science and technology including the prestigious Shanti Swarup Bhatnagar Award in Chemical Sciences in 2000. He is a recipient of the Prof R P Mitra Memorial Lecture Award, Delhi University, 2010, INSA Dr Jagdish Shankar Memorial lecture Award, 2006, Chemical Research Society of India (CRSI) Silver Medal, 2009, Bimla Churn Law memorial Lecture Award of IACS, Kolkata, 2005, P B Gupta Memorial Award of IACS, 1993 as well as INSA and CSIR Young Scientist Awards in 1987 and 1989, respectively. He is a Fellow of The Indian National Science Academy (2003), Indian Academy of Sciences (1996) and National Academy of Science (1998). He is also a Fellow of The Maharashtra Academy of Sciences (1994), J C Bose National Fellow of Department of Science and Technology from 2008 and Dai-ichi Karkaria Endowment fellow of ICT, Mumbai, 2004-05. He is also a Fellow of the Royal Society of Chemistry (2011). He is elected as the President of Chemical Research Society of India for a tenure of three years from April 1, 2014. He is also the first recipient of SASTRA-CNR Rao Award in Chemistry & Materials Science for the year 2014.

Dr Pal serves on the editorial boards of several international and national journals in chemistry and has guided over 20 PhD theses. He has published about 200 papers in International peer reviewed journals. He has authored a book titled “Mathematics in Chemistry” and contributed to chapters in several books. He is invited to deliver plenary / keynote / highlighted lectures in several institutions and national conferences over the years. He delivered Charles A Coulson Lecture in University of Georgia, February, 2014

Abstract: Chemical Science in Shaping Functional Materials and Technologies of the Future: Smart and functional materials will have a key role in shaping the new technologies in future. Tremendous growth in materials has also brought into light the importance of inter-disciplinary research. Together with disciplines of physics, biology and engineering, chemical science has been a key contributor to the growth of novel functional materials. Synthetic chemistry and biology, tools of spectroscopic characterization along with modelling and simulation have combined with physical insight in the above development. The materials are key to developments in opto-electronics, gas storage, important catalysts in conversion process, separation as well as energy materials in the area of harnessing renewable energy resources of hydrogen, solar and other forms. The talk will also focus on our recent research in the computational chemistry in the area of catalysis and hydrogen storage.

Director and Staff Members of
CSIR - Central Glass and Ceramic Research Institute, Kolkata

cordially invite you to

The 11th Atma Ram Memorial Lecture

“ Chemical Science in Shaping Functional Materials and Technologies of the Future ”

to be delivered by

Dr Sourav Pal, FNA, FASc, FNASc, FRSC
Director, CSIR - National Chemical Laboratory, Pune

at 12:05 PM on 26th August, 2014
in Meghnad Saha Auditorium of the Institute

Kolkata
23rd August, 2014

Director
CSIR-CGCRI