



**1<sup>st</sup> KIIT-CRSI Seminar**  
**‘Modern Trends in Chemical Sciences’**

**Venue: Campus 11, Auditorium, KIIT University,  
Patia, Bhubaneswar, Odisha 751024**

<b>September 05, 2023 (TUESDAY)</b>	
<b>REGISTRATION (8:30 AM - 9:00 AM)</b>	
<b>INAUGURAL PROGRAM (09:00 - 09:25)</b>	
9:00 - 9:01	Convener, CRSI Local Chapter Dr. Rojalin Sahu, KIIT deemed to be University, Bhubaneswar
9:01 - 9:03	About the School and Department of Chemistry Prof. Prasanta Rath, Dean, KIIT deemed to be University, Bhubaneswar
9:03 - 9:07	About CRSI Prof. N. Jayaraman, Indian Institute of Science, Bangalore, Secretary General, CRSI
9:07 - 9:12	About the Institution Prof. J. R. Mohanty, Registrar, KIIT deemed to be University, Bhubaneswar
9:12 - 9:17	Opening Remarks Prof. Saranjit Singh, Pro-Vice Chancellor, KIIT deemed to be University, Bhubaneswar
9:17 - 9:22	Welcome Address Prof. Vinod K. Singh, Immediate Past President, CRSI
9:22 - 9:23	Vote of Thanks by Convener, CRSI Local Chapter, Dr. P. C. Ravikumar, NISER Bhubaneswar
9:23 - 9:24	Felicitation to Speakers and Chairpersons by KIIT deemed to be University
<b>TEA/COFFEE BREAK (9:25 - 9:45)</b>	
<b>GENERAL TALKS</b>	
<b>Chairperson:</b> Dr. Ramanuj Narayan, Director, CSIR-IMMT Bhubaneswar	
09:45 - 10:10	<i>Keynote Lecture (KL-01):</i> <i>Role of Teachers in Shaping the Career of Students</i> Prof. S. Chandrasekaran, IISc Bangalore & Former President, CRSI
10:10 - 10:35	<i>Special Invited Lecture (SIL-01):</i> <i>Chemistry – Preparing for the Future</i> Prof. Shantanu Bhattacharya, Director, IISER Tirupati
<b>SCIENTIFIC SESSION</b>	
<b>Chairperson:</b> Dr. Karuna Kar Nanda, Director, Institute of Physics (IOP), Bhubaneswar	
10:35 - 11:00	<i>Special Invited Lecture (SIL-02):</i> <i>Asymmetric Dearomatization Reaction</i> Prof. Vinod K. Singh, Founder Director, IISER Bhopal & Former President, CRSI

<b>Chairperson:</b> Prof. Pradeep Vavia, Director, Institute of Chemical Technology (ICT), Bhubaneswar	
11:00 – 11:25	<i>Special Invited Lecture (SIL-03):</i> <i>Artificial Neural Networks in Chemical Dynamics</i> <b>Prof. N. Sathyamurthy, Founder Director, IISER Mohali &amp; Former President, CRSI</b>
<b>PHOTOGRAPHY SESSION (11:25 – 11:30)</b>	
<b>TEA/COFFEE BREAK (11:30 - 11:45)</b>	
<b>Chairperson:</b> Prof. Mrutyunjay Saur, Director General, R&D, KIIT & CEO of KIIT	
11:45 - 12:10	<i>Special Invited Lecture (SIL-04):</i> <i>Design of Efficient Catalysts: Computational Modeling</i> <b>Prof. Sourav Pal, Former Director, IISER Kolkata &amp; Former President CRSI</b>
<b>Chairperson:</b> Prof. Gopal Kundu, KIIT Bhubaneswar	
12:10 – 12:35	<i>Special Invited Lecture (SIL-05):</i> <i>Efficient Photoelectrochemical and Photoconducting Nanoheterostructures</i> <b>Prof. Ashok Ganguli, Director, IISER Berhampur</b>
<b>Chairperson:</b> Prof. V. R. Pedireddi, IIT Bhubaneswar	
12:35 – 13:00	<i>Special Invited Lecture (SIL-06):</i> <i>Purpose-built Molecules and Molecular Assemblies for Therapeutic Applications: A Proof of Concept</i> <b>Prof. Amitava Das, IISER Kolkata &amp; Former Director, CSMCRI, Bhavnagar</b>
<b>LUNCH (13:00 - 14:00)</b>	
<b>POSTER PRESENTATION SESSION (14:00 - 15:30)</b> <b>Chairpersons:</b> Prof. Ashok Mishra, Prof. V. R. Pedireddi, Prof. Alakesh Bisai <b>Co-chairpersons (poster evaluation):</b> Dr. Shantanu Pal (IIT Bhubaneswar), Dr. Tabrez Khan (IIT Bhubaneswar), Dr. U. Lourderaj (NISER, Bhubaneswar), Dr. Suraj Tripathy (KIIT University), Dr. Akilesh Singh (IIT Bhubaneswar), Dr. Bikas Kumar Jena (CSIR-IMMT), Dr. Saroj Kumar Samal (NIT Rourkela), Dr. Bibhuti Bhushan Parida (Berhampur University), Dr. Priyabrat Dash (NIT Rourkela), Dr. Nimai Mishra (ICT Bhubaneswar), Dr. Malay Kumar Rana (IISER Berhampur), Dr. Adinarayana Doddi (IISER Berhampur), Dr. Lisa Roy (ICT Bhubaneswar), Dr. Laxmidhar Rout (Berhampur University), Dr. Anasuya Roychowdhury (IIT Bhubaneswar), Dr. Rupam Dinda (NIT Rourkela), Dr. Bama Prasad Bag (CSIR-IMMT), Dr. Santanu Bhattacharya (IISER Berhampur), Dr. Soumendra Rana (IIT Bhubaneswar), Dr. Tuhin Patra (IIT Bhubaneswar), Dr. Tirupati Barla (IISER Berhampur), Dr. Biplab K. Patra (CSIR-IMMT), Dr. Sumit Saha (CSIR-IMMT), Dr. Seetaram Mohapatra (Ravenshaw University), Dr. Sabita Nayak (Ravenshaw University), Dr. Satyanarayan Pal (Utkal University),	
14:00 - 15:30	<b>POSTER PRESENTATIONS</b>
15:30 - 15:45	<b>TEA/COFFEE BREAK (15:30 - 15:45)</b>
<b>Chairperson:</b> Dr. Debasis Dash, Director, Institute of Life Sciences, Bhubaneswar	

15:45 – 16:10	<i>Special Invited Lecture (SIL-07):</i> <i>Novel Fluorimetric Strategies for Detection of Faecal Pigments in Water</i> <b>Prof. Ashok Mishra, Professor and Dean (Academic Research), IIT Madras</b>
16:10 – 16:35	<i>Special Invited Lecture (SIL-08):</i> <i>Biomimetic Total Synthesis of Complex Natural Products</i> <b>Prof. Alakesh Bisai, IISER Kolkata</b>
16:35 – 17:00	<i>Special Invited Lecture (SIL-09):</i> <i>Pyridoneimine <math>\leftrightarrow</math> Imidopyrinium Resonance Structures and Functions</i> <b>Prof. N. Jayaraman, IISc Bangalore.</b>
<b>American Chemical Society Session and Poster Prizes</b>	
17:00-17:10	<b>Mr. Rajesh Parishwad, American Chemical Society (ACS)</b>
<b>Royal Society of Chemistry Session and Poster Prizes</b>	
17:10-17:20	<b>Dr. Rajdip Roy, Royal Society of Chemistry</b>
<b>VALEDICTORY SESSION (17:20 - 17:30)</b>	
17:20 – 17:25	Remarks by Prof. N. Jayaraman, Secretary General, CRSI
17:25 – 17:30	Vote of Thanks by Dr. P. C. Ravikumar, Convener, CRSI Bhubaneswar Chapter

