

**International Conference on Chemical and Environmental Sciences
(ICCAES 2024)
(HYBRID MODE)**

**Organised by
Department of Basic Science and Humanities
Institute of Engineering & Management, Kolkata
11-13 January, 2024**

**Programme Schedule
Day 1- 11.01.2024**

Time (IST)	Speakers	Event
(4:15-5:00) pm	Inaugural Session	Link: https://zoom.us/j/97707566329?pwd=≡aGRqdIFSQytPQWIybVY2aW9LVkIjWQT09 Meeting ID: 977 0756 6329 Passcode: 091892
(5:00-5:15)pm	Tea Break	
Plenary Talk		
Session Chair: Dr. Saswati Barman, Professor, Department of Basic Science and Humanities, Institute of Engineering & Management, Kolkata		
(5:15- 6:00)pm	Dr. B.C. Ranu, INSA Honorary Scientist in the School of Chemical Sciences, Indian Association for the Cultivation of Science, Jadavpur, Kolkata Title: Green Chemistry- The Nature Inspired Chemistry	Link: https://zoom.us/j/97707566329?pwd=≡aGRqdIFSQytPQWIybVY2aW9LVkIjWQT09 Meeting ID: 977 0756 6329 Passcode: 091892
Keynote Speeches: Invited Talks		
Session Chair: Dr. Debabrata Mondal, Professor, Department of Chemistry, University of Calcutta, Kolkata		
(6:00- 6:30) pm	Dr. Antoni Llobet, Professor, Institute of Chemical Research of Catalonia (ICIQ), Spain Title: Hybrid Molecular Materials for Solar Fuels	Link: https://zoom.us/j/97707566329?pwd=≡aGRqdIFSQytPQWIybVY2aW9LVkIjWQT09

		<p>QT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(6:30- 7:00)pm	<p>Dr. Gary Brudvig, Professor, Molecular Biophysics and Biochemistry, Director, Yale Energy Sciences, Yale University, USA</p> <p>Title: Water Oxidation Catalysis with Atomically Defined Active Sites on Nanostructured Materials for Solar Energy Applications</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkIwQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(7:00- 7:30)pm	<p>Dr. Ebbe Nordlander, Professor, Chemical Physics, Lund University, Sweden</p> <p>Title: Organometallic complexes with antimalarial properties</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkIwQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>

[Day 2 - 12.01.2024](#)

Technical Session I: Invited Talks

Session Chair: Dr. Smarajit Polley, Assistant Professor, Biological Sciences, Bose Insitute, Kolkata

Time	Speaker	Topic
(10:00-10:45) am	<p>Dr. Hirak Chakraborty, Professor, School of Chemistry, Sambalpur University, Odisha</p> <p>Title: Protein machines and lipid assemblies: interdependence in membrane fusion</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkIwQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(10:45 11:30) am	<p>Dr. Punyasloke Bhadury, Professor, Department of Biological Sciences, IISER, Kolkata</p> <p>Title: Biological tracking of nitrogen pollution in mangroves- biomonitoring using 'omics' based approach for mangrove restoration</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkIwQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(11:30- 1:00)		

pm	Contributed Poster Session**
(1:00- 2:00)pm	Lunch Break
(2:00- 4:00) pm	<p>Workshop on IPR, Biosafety and Ethics</p> <p>Dr. Mahuya Hom Choudhury, Scientist C and Nodal Officer, Patent Information Center, West Bengal State Council of Science & Technology, Department of Science and Technology and Biotechnology, Government of West Bengal.</p>

[Day 3 \(13.01.2024\)](#)

Technical Session II: Invited Talks

Session Chair: Dr. Partha Dutta, Associate Professor, Department of Chemistry, Maharaja Manindra Chandra College, Kolkata

Time	Speaker	Topic
(10:15- 11:00) am	<p>Dr. Srijan Aggarwal, Professor, Department of Civil, Geological, and Environmental Engineering, University of Alaska Fairbanks, USA</p> <p>Title: Sulfate-reducing bacterial consortia for acid mine drainage treatment in cold regions</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkJKWQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(11:00-11:45) am	<p>Dr. Navid Saleh, Associate Professor, Civil Architectural & Environmental Engineering, University of Texas, Austin, USA</p> <p>Title: Converging Indigenous Knowledge with Western Scientific Knowledge to Combat Water Crises.</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkJKWQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(11:45- 12:30) pm	<p>Dr. Sobhan Sen, Professor, School of Physical Sciences, Jawaharlal Nehru University, Delhi</p> <p>Title: New Family of Fluorescent Probes for Spectroscopy and Imaging of Cell-Membrane.</p>	<p>Link: https://zoom.us/j/97707566329?pwd=aGRqdIFSQytPQWIybVY2aW9LVkJKWQT09</p> <p>Meeting ID: 977 0756 6329</p> <p>Passcode: 091892</p>
(12:30- 1:30) pm	Lunch Break	
(1:30- 3:30)pm	Contributed Oral Sessions* **	

Valedictory session

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(3:45 -3:55) pm

Conference summary

(3:55-4:05) pm

Announcement of awards

(4:05-4:15) pm

Concluding Remarks

Vote of Thanks by Prof. Kakoli Dutta, Conference Convenor, Institute of Engineering & Management, Kolkata