58th Annual Convention of Chemists (ACC 2021)

International Conference on Recent Trends in Chemical Sciences (RTCS-2021)

Inorganic Chemistry Section (22nd-23rd *December*)



Venue: Department of Chemistry



Scientist-in-Charge



Prof. Saurabh Das (Mob: 91238 65911) E-mail: saurabh.das@jadavpuruniversity.in Department of Chemistry, Jadavpur University

Advisor



Prof. Samaresh Bhattacharya (Mob: 9830203354), E-mail: samaresh_b@hotmail.com) Department of Chemistry, Jadavpur University

Convener



Prof. Chandan Mukherjee (Mob: 8011016571) E-mail: cmukherjee@iitg.ac.in Department of Chemistry, Indian Institute of Technology Guwahati

Program Schedule

22nd December, 2021, Wednesday

10:00 -10:10

Introductory Remarks by:

Scientist-in-Charge: Prof. Saurabh Das, Convener: Prof. Chandan Mukherjee, and

Advisor: Prof. Samaresh Bhattacharya

Session 1

Oral Presentation to be evaluated for award 10:10-11:25

Chairman cum jury member:



Prof. Narsimha N Murthy, Department of Chemistry, IIT Madras



Prof. Tapan K. Paine IACS, Kolkata



Prof Deepak Chopra IISER, Bhopal



Prof. M. D. Pandey BHU, Banaras

Invited and Endowment Lectures

Chairman:



Prof. U. P. Singh, Department of Chemistry, IIT Roorkee

L1 11:30-12:00



Professor A S R Anjaneyulu 60th Birth Day Commemoration Award Lecture

Professor Surajit Chattopadhyay

Department of Chemistry, University
of Kalyani, Kalyani, Nadia, West

Bengal – 741235, India

Title: Transition metal complexes in stoichiometric and catalytic transformations

Chairman:



Prof. Rajeev Gupta, Department of Chemistry, University of Delhi

LZ 12:U5-12:35	L2	12:05-12:35
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Professor Sakya S. Sen

Inorganic Chemistry and Catalysis Division, CSIR-National Chemical Laboratory, Pune, India

Title: Amidinatohypersilylsilylene: A New Synthon in Silicon Chemistry

L3 12:40-13:10



Professor Manindranath Bera

Department of Chemistry, University of Kalyani, Kalyani, Nadia, West Bengal – 741235, India

Title: Structural and Functional Aspects of Multinuclear Metal Complexes Supported by Carboxylate-Based Ligands

Recess: 13:20 – 14:00

Chairman:



Prof. Ramaswamy Murugavel Department of Chemistry, IIT Bombay

L4	14:00-14:30
LI	14.00-14.50

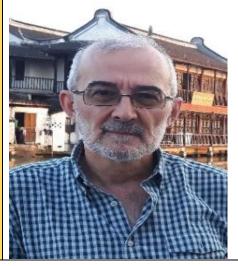


Professor Iti Gupta

Indian Institute of Technology Gandhinagar, Palaj Campus, Gandhinagar-382355, India

Title: BODIPY based bio-sensors and PDT agents

L5 14:35-15:05



Professor Mauro Botta

Department of Sciences and Technological Innovation, University of Eastern Piedmont "Amedeo Avogadro", Viale Teresa Michel 11, 15121-Alessandria, Italy

Title: The surprising complexity of the [Ln(AAZTA)]-chelates revealed by NMR in the frequency and time domain

Recess: 15:15 – 15:30

Chairman:



Prof. Rabindranath Mukherjee Department of Chemistry, IIT (ISM) Dhanbad

L6 15:40-16:10



Professor Antoni Llobet

Institute of Chemical Research of Catalonia (ICIQ), Barcelona Institute of Science and Technology (BIST), Av. Països Catalans 16, E-43007 Tarragona, Spain

Title: Molecular Water Oxidation Catalysts Anchored on Conductive and Semiconductive Surfaces

Chairman:



Prof. Gopal Das, Department of Chemistry, IIT Guwahati

L7 16:15-16:45



Professor Vellaichamy Ganesan
Department of Chemistry, Institute
of Science, Banaras Hindu
University, Varanasi 221005, UP,
India

Title: Metal porphyrins and phthalocyanines on porous supports for the electrocatalytic oxygen reduction reaction

L8 16:50-17:20



Professor Snehadrinarayan Khatua

Centre for Advanced Studies, Department of Chemistry, North-Eastern Hill University, Shillong-793022, Meghalaya, India

Title: Luminescence tuning of d6-metal polypyridine complexes for sensing and bioimaging.

Poster Presentation 17:30-19:00

Chairman cum jury member:



Prof. Kaushik Ghosh, Department of Chemistry, IIT Roorkee

Other Jury Members



Prof. Subrata Ghosh IIT, Mandi



Prof. Sanjib Kar NISER, Bhubaneswar



Prof. A. Thirumurugan IISER, TVM

23rd December, 2021, Thursday Session 1

Oral Presentation to be evaluated for award 10:00-11:30

Chairman cum jury member:



Prof. Narsimha N Murthy, Department of Chemistry, IIT Madras



Prof. T. K. Paine IACS, Kolkata



Prof Deepak Chopra IISER, Bhopal



Prof. M. D. Pandey BHU, Banaras

Invited and Endowment Lectures

Chairman:



Prof. Srinivasan *Natarajan*The Solid State and Structural Chemistry Unit, IISc, Bangalore

L9 11:30-12:00



Professor H L Nigam
Memorial Award Lecture
Professor Shyamal Chattopadhyay
Indian Institute of Engineering Science
and Technology, Howrah, 711103,
West Bengal, India

Title: Biomimetic Chemistry-Learning from Nature to Design Environmentally Benign Catalysts

Chairman:



Prof. Manish Bhattacharjee, Department of Chemistry, IIT Kharagpur

L10	12:05-12:35
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Professor R. Boomi Shankar

Department of Chemistry and Centre for Energy Science, Indian Institute of Science Education and Research (IISER), Pune, Pune – 411008, India,

Title: Hybrid Organic-Inorganic Ferroelectrics for Piezoelectric Energy Harvesting Applications

L11 12:40-13:10



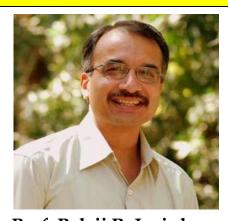
Professor Shaikh M. Mobin

Centre for Biosciences and Bio-Medical Engineering, Discipline of Chemistry, Indian Institute of Technology Indore 453552, India.

Title: Click reaction driven fluorescent organometallic complexes labelled as a cellular organelle tracker in live cells and a rare Au…H interactions

Recess: 13:20 – 14:00

Chairman:



Prof. Balaji R. Jagirdar Department of Inorganic and Physical Chemistry, IISC, Bangalore

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L12	14:00-14:30		

Professor Tharamani C. N.

Department of Chemistry, Indian
Institute of Technology Ropar,
Rupnagar 140001, Punjab, India

Title: Design of non-noble metal catalyst with potential efficacy for clean energy conversion

L13 14:35-15:05



Professor Kanishka Biswas

New Chemistry Unit & International Centre for Materials Science, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur P.O., Bangalore 560064, India,

Title: Enhanced Atomic Ordering and Nanostructuring Boost the Thermoelectric Performance to an Ultra-high Value

Recess: 15:15 – 15:30

Chairman:



Prof. Abhishek Dey, School of Chemical Sciences, IACS, Kolkata

L14	15:40-16:10		Professor Richard Winpenny Department of Chemistry, School of Natural Sciences, The University of Manchester, Oxford Road, Manchester, UK	
			Title: Supramolecular Assemblies Made from Heterometallic Rings	
L15	16:15-16:45		Professor Jitendra K. Bera Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh-208016, India Title: Ligand Electronic Asymmetry in Organometallic Catalysis	
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Session 5

Poster Presentation and Valedictory 17:00-18:30