



Orissa Chemical Society

Extended Lecture Series 2020



Organized by
Department of Chemistry
Dhenkanal Autonomous College, Dhenkanal

International Conference on
'Recent Advances in Chemical Science'

28th and 29th November 2020

Program

Day 1
28th Nov 2020, Saturday

Inaugural Session: 10.30 – 10.50 AM
Session Chair: President, OCS

10.30 – 10.35 AM	Dr. Shashadhar Samal President Orissa Chemical Society	Welcome address
10.35 – 10.40 AM	Dr. (Mrs.) Rashmi Mishra Principal Dhenkanal Autonomous College	Address by the Patron of the conference
10.40 – 10.45 AM	Dr. Priyaranjan Mohapatra Secretary-cum-Treasurer Orissa Chemical Society	Scope and importance of OCS extended lecture series
10.45 – 10.50 AM	Dr. Debasis Mohanty Convenor OCS Extended Lecture Series	Exposing front-line research to students in peripheral educational institutions

TECHNICAL SESSIONS

Technical Session I

Session Chair: Dr.(Mrs.) Subasini Lenka

10.50 – 11.30 AM	Keynote Address Prof. P. K. Iyer IIT Guwahati	Designing Functional Materials for Sensors, Optoelectronics, and Healthcare Applications
11.30 – 12.00 Noon	Plenary Lecture 1 Prof. S. K. Sahoo SVNIT Surat	Fluorescent Sensors based on Aggregation-Induced Emission
12.00 – 12.25 PM	Invited Talk Dr. R. Sarma University of Kentucky USA	Bio-inspired Membranes: Application Towards Pollutant Degradation and Value-Added Transformation

Technical Session II

Session Chair: Prof. Satyaban Jena

12.25 – 12.50 PM	Invited talk Dr. S. K. Rout Ludwig-Maximilians-Universität München, Germany	New Approaches for Organic Synthesis may Apply to Drug Discovery
12.50 – 01.15 PM	Invited talk Dr. M. Sahoo Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu	An introduction to X-ray Absorption Spectroscopy: Delineating Nitrogen Location in N-TiO ₂ -thin films

Panel Discussion Session

Session Chair: Prof. Gopabandhu Behera

01.15 – 01.30 PM	Panel Discussion Day 1 Closing Remarks by Session Chair
---------------------	---

For further details, please contact:

Dr. Debsis Mohanty, Convenor, OCS-Extended Lecture Series, E-Mail maildebasismohanty@gmail.com Phone: +919861391190

Dr. Priyaranjan Mohapatra, Secretary-cum-Treasurer, OCS, priya_chem@vssut.ac.in, racs.dkl@gmail.com Phone +919337046418

Day 2

29th Nov 2020, Sunday

Technical Session III

Session Chair: Prof. Bijaya Kumar Mishra

10.30 – 11.00 AM	Plenary Lecture 2 Prof. Aditya N. Panda IIT Guwahati	Understanding a Bimolecular Chemical Reaction: Quantum and Classical Studies
11.00 – 11.25 AM	Invited talk Dr. K. K. Nanda Pontificia Universidad Católica de Chile	Chemical Energy Storage in Small Molecules
11.25 – 11.50 AM	Invited talk Dr. B. P. Biswal Ashoka University, Hararyana	Emerging Porous Materials Towards Molecular Separation and Solar Fuel Production

Technical Session IV

Session Chair: Prof. Bhishma Kumar Patel

11.50 AM – 12.15 PM	Invited talk Dr. L. N. Nanda The Hebrew University of Jerusalem, Israel	Asymmetric Total Syntheses of Butanolide and Butenolide Natural Products Using Donor-Acceptor Cyclopropanes
12.15 – 12.40 PM	Invited talk Dr. A. Karmakar Centro de Química Estrutural, Instituto Superior Técnico	Development of Amide Functionalized Metal-Organic Frameworks for Heterogeneous Catalytic Applications
12.40 – 01.05 PM	Invited talk Dr. F. A. S. Chipem Manipur University	Computational Study on the Electronic Structure of Substituted Polycyclic Aromatic Hydrocarbons

Panel Discussion Session

Session Chair: Prof. Ashok Kumar Mishra

01.05 – 01.20 PM	Panel Discussion Day 2 Closing remarks by Session Chair
01.20 – 01.30 PM	Closing Function Closing remarks by President, OCS Announcement of Next OCS Event by the Secretary, OCS Vote of Thanks by Dr. D. Mohanty, Convenor, OCS Extended Lecture Series

For further details, please contact:

Dr. Debsis Mohanty, Convenor, OCS-Extended Lecture Series, E-Mail maildebasismohanty@gmail.com Phone: +919861391190
Dr. Priyaranjan Mohapatra, Secretary-cum-Treasurer, OCS, priya_chem@vssut.ac.in, racs.dkl@gmail.com Phone +919337046418

Panel Chairs

Day 1, 28.11.20
01.15 – 01.30 PM



Prof. Gopabandhu Behera
Professor of Chemistry (Retd.)
Sambalpur University, Burla

Day 2, 29.11.20
01.05 – 01.20 PM



Prof. Ashok Kumar Mishra
Professor and Dean Academics
IIT, Madras

PANELISTS



Prof. Smruti Prava Das
Professor
Ravenshaw University
Cuttack



Prof. Sagar D. Delekar
Professor
Shivaji University
Kolhapur, Maharashtra



Prof. Ajay Kumar Behera
Professor
Sambalpur University
Burla



Prof. Narayan Pradhan
Professor
IACS, Kolkata



Prof. Nigamananda Das
Professor
and Director CDC
Utkal University
Bhubaneswar



Prof. Paritosh Mohanty
Professor
IIT Roorkee



Prof. Ratan Kumar Dey
Professor
and Vice-Chancellor (Acting)
Central University, Jharkhand



Prof. Sarat Kumar Swain
Professor
and Dean Academics
VSSUT, Burla

The participants can ask questions in the interactive window.