**List of ORAL Presentation**

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| **SI. No.** | **Name** | **Designation** | **Affiliation** | **Abstract Title** |
|  | PrabuMoni | Post Doc | University of Bremen Germany | Development of Ceramic Based Cathode Catalyst for Zinc-Air Battery Application |
|  | Sharmila S | Assistant Professor | Karpagam Academy of Higher Education | Electrical Performance of Zr doped Li4Mn5O12 for Lithium ion battery applications |
|  | Archana K S | Research Scholar | CSIR CECRI | Electrochemical Performance of Heat Treated and Plasma Treated Carbon Felt for Zinc Bromine Redox Flow Battery |
|  | Surendra Kumar Martha | Associate Professor | Indian Institute of Technology Hyderabad | Understanding Sodium Ion Storage and Diffusivity into CNT-TiO2 Hybrid Electrodes |
|  | Haritha H | Ph.D Student | Indian Institute of Space Science and Technology | Modified Separator Performing Dual Functions to Inhibit the Shuttle of Polysulfides for Lithium-Sulfur Batteries |
|  | AniruddhaMondal | Research Scholar | CSIR CSMCRI | Scalable synthesis of TiO2-rGO hollow sphere for effective anode material in Lithium-ion batteries |
|  | Reshma C | PhD. Scholar | IIST | Quadruple Confinement Effect of Intrinsically Functionalized Hierarchically Porous Carbon with Iron, Nitrogen and Oxygen onto sulphur/lithium polysulphides towards High-Performance Lithium Sulphur Battery |
|  | MohanaSundaram P | Chief Research Manager | IOCL | Effect of nano additive on performance of lead acid batteries |
|  | Vimala V | Research Scholar | National Institute of Technology Tiruchirappalli | Porous Polyaniline - Woodapple Carbon Composite As Electrode Material For Electro Chemical Energy Storage Devices |
|  | HEMALATHA KV | Assistant Professor | Coimbatore Institute of Technology | Graphite basedNiSe Spherical Nanoparticles For High Energy Density Supercapacitor |
|  | Santosh J. Uke | Assistant Professor | Department of Physics JDPS College Daryapur | Tri-ethanolamine-ethoxylate assisted hydrothermal synthesis of nanostructured MnCo2O4 with superior electrochemical performance for high energy density supercapacitor application |
|  | Sanjib Das Sharma | Senior Research Associate | Reliance Industries Limited | Economics of Green Hydrogen for CO2 Utilization and Energy Storage |
|  | Rakesh N | Ph. D. student | Indian Institute of Science Bangalore | Performance Analysis and Electrochemical Impedance Spectroscopy Studies on Hydrogen FueledOperation of an Electrolyte Supported SOFC (Solid Oxide Fuel Cell) Button Cell |
|  | Ditty Dixon Dr | Ramanujan Faculty | CSIR CECRI | In operando Investigation of Batteries and Fuel Cells by X-ray Absorption Spectroscopy (XAS) |
|  | Arpan Samanta | Senior Research Fellow | Indian Institute of Technology Kharagpur | Synthesis of Nitrogen-doped Interconnected Mesoporous Onion-like Graphitic Carbon Encapsulated CoFe Alloy for Enhanced Oxygen Reduction Reaction in Alkaline and Acidic Media |
|  | ROSHIMA K | JRF | CSIR NIIST | Pd modified Ni nano wire as an efficient electro-catalyst for methanol oxidation reaction |
|  | MALAYA KUMAR SAHOO | Research Scholar | IIT Madras | Synergetic Effects of Nb-MoC and Pt on Reduced Graphene Oxide to Promote the Electro-oxidation of Methanol |
|  | Avanish Shukla | Research Scholar | CSIR CECRI Chennai Unit | Composite Electrolyte Membrane with Polyaminobenzene Sulfonic Acid Functionalized Single Walled Carbon Nanotube and Sulfonated Poly(ether ether ketone) for Direct Methanol Fuel Cell |
|  | Unnikrishnan P | Research Scientist | Reliance Industries Limited | Green Process of DMC Production for Electrolyte Application in EV |
|  | Rama Kant Prof | Professor | University of Delhi | MultiscaleModeling of Electrochemical Systems: Disordered and Nanostructured Electrodes |
|  | Sukanta Chakrabartty | Research Scholar | IIT Kharagpur | Shape-controlled synthesis of Mo2C@NC for efficient electrocatalytic hydrogen evolution |
|  | sankararao | Assistant Professor | K L University | An efficient Bi2Se3 electrocatalyst for Electrochemical Evolution of Oxygen |
|  | Divyacatherin | SRF | SRM IST | Magnesium decorated Nickel nanorods supported on NiO foam for effective electrooxidation of Carbinol and CO |
|  | Mohammed Azeezulla Nazrulla | Research Scholar | CSIR CECRI | Reversible Dynamics of Si5B Nanocluster and its CO Activation: The Concept of Boro-Silicophilicity |
|  | Sunil Sachdev | Research Manager | IOCL | Theoretical and experimental studies on scale up of working electrodes for Photoelectrochemical (PEC) Water Splitting |
|  | Gregoire Herzog | Staff Researcher | CNRS Universite de Lorraine | Electrochemically Modulated Sample Preparation by Ion Extraction at Soft Interfaces |
|  | Saurav K Guin | Scientific Officer F | BHABHA Atomic Research Centre | Computation of Faradaic Current from Experimental AC Voltammogram by Evolving Fractional-Order Calculus |
|  | Kaleesh Kumar M | Research Scholar | CSIR CECRI | Confined Self-Assembly of Copper Micro- and Nano-spheres within Self-assembled Curcumin-Cysteine and Their Electrochemical Properties |
|  | Shekher Kummari | Senior Research Fellow | National Institute of Technology Warangal | Electropolymerized Conducting Polymer Layer on Multi-walled Carbon Paste Electrode as Sensing Matrix for Sensitive Detection of Anti-Viral Drug Valganciclovir in Biological Samples |
|  | Arul P | Research Scholar | The Gandhigram Rural Institute | Electrochemical Synthesis of Flower like Cu-MOF Supported Carbon Based Composites and their Ultrasensitive Non-Enzymatic Detection of Glucose in Human Blood Serum |
|  | Manusha P | Ph.D Scholar | Vellore Institute of Technology | Design and Synthesis of Phenothiazine substituted Imidazolium Salt for Electrochemical Detection of Sulfite |
|  | Tamilselvan A Dr | NPDF | CSIR CECRI | Improved electrocatalytic activity of Au@ Fe3O4 nanoparticles for sensitive dopamine sensor |
|  | SRIKANT SAHOO | TECHNICAL OFFICER | BHABHA ATOMIC RESEARCH CENTRE | Electrochemically Ultrasensitive Detection of Hydrogen Peroxide using Carbon Materials Entangled with Ferrite Composites materials |
|  | Balamurugan T | SENIOR RESEARCH FELLOW | CSIR CECRI | Ni-Based metal–organic framework derived Ni@Carbonnanotubesubstratefor“Bilirubin” sensing and electrocatalytic water reduction |
|  | Mageswari G | Research Scholar | Vellore Institute of Technology | Phenolic Pesticide(Pronto®)-Carbon Nanotube Chemically Modified Electrode and Its Electro-oxidative Interaction with L-Cysteine |
|  | S. Michelraj | Project Assistant | CSIR CECRI | Enzymatic Biosensor for Sweat Lactate Detection Using 3-Aminophenylboronic acid Modified Flexible Polyester-strip Electrodes |
|  | Chinmoy Bhattacharya | Research Scholar | IIEST Shibpur | Improved Photoelectrochemical properties of Gd-modified Cuprous Oxide thin films |
|  | SreekanthMandati | Project Scientist | ARCI Hyderabad | CI(G)S Thin Films Solar Cells on Flexible Substrates by Pulse Electrodeposition |
|  | Lavanya J | Lecturer | CIPET | Synthesis and characterization of electrodeposited gold nanoparticle/porous graphenenanoribbonnanocomposite |
|  | Parnapalle Ravi | Research Scholar | CSIR CECRI | Enhanced photocatalytic H2 evolution on TiO2-nanorods decorated with CuNi@Cr2O3 core/shell structured nanoparticles |
|  | Vinu Mohan A.M. | Inspire Faculty | CSIR CECRI | Screen printed highly flexible super capacitors for wearable electronics applications |
|  | Viji Premkumar | Project Assistant | CSIR CECRI | Cerium oxide – Carbon Composite: A Potential Electrocatalyst for Methanol Oxidation |
|  | Sankeerthana B | Research Scholar | IIT Madras | Graphitic Carbon Nitride Supported CoFe2O4 Nanoparticles as BifunctionalElectrocatalysts for Durable Hydrogen and Oxygen Evolution Reactions |
|  | Bongu Chandra Sekhara | Postdoctoral fellow | ICGM-AIME, University of Montpellier, France. | Biredox Ionic Liquids: New Opportunity for High Energy Supercapacitors |
|  | Balamurugan Devadas | Post Doctoral Research Fellow | University of Chemistry and Technology | Electrochemical Synthesis of 2-Iodoxybenzoic Acid as Highly Selective Metal-free Organic Oxidation Agent |
|  | Twinkle Paul | Research Scholar | IIT Madras | Mechanistic analysis of Zinc electrodeposition process in acidic sulphate bath |
|  | Vanithakumari S. C. | Scientific Officer | Indira Gandhi Center for Atomic Research | Stability and long term durability of superhydrophobic coatings on titanium |
|  | Prince Kumar Baranwal | Student | Indian Institute of Technology Guwahati | Mechanistic Investigation of Carbon Steel Dissolution in Ammonium Chloride and Thiosulfate Solution |
|  | Cindrella Nishmitha Gonsalves | Student Researcher | National Institute of Technology Karnataka | Enhanced Corrosion Protection of Magneto-electrodeposited Ni-Mo Alloy Coatings |
|  | Arun Kumar Singh | Principal Scientist | Tata Steel Limited | Corrosion characterization of Rust Preventive Oil by Scanning Kelvin Probe Techniques |
|  | Nithyaa J | Project Assistant | CSIR NIIST | Durable Hydrophobic Coating Based Cerium phosphate nanorod/Siliconised Epoxy for synergistically improved Corrosion Protection |
|  | AmuthanDekshinamoorthy | Project Assistant | CSIR CECRI | Scanning Tunneling Microscopy – a tool to probe the catalyst corrosion at the atomic level |
|  | Kamalakanta Routray | Senior Research Scientist | Reliance Industries Limited | Predicting and Mitigating Corrosion in a Refinery from Laboratory Studies |