

NCE-21 Poster Presentation

Sl. No.	Name	Designation	Affiliation	Poster Presentation Number	Abstract Title
1.	Haritha H	Research Scholar	Indian Institute of Space Science & Technology, Trivandrum	PP-001	Inhibiting the shuttle effect in lithium-sulfur batteries using a carboxylate anchored permselective separator
2.	Kailash Veerappan U K Mr	B.Tech Student	CSIR CECRI, Karaikudi	PP-002	Supercritical assisted synthesis of Fe ₃ C@C/RGO nanocomposite derived from Metal organic framework- An electrode material for asymmetric supercapacitor
3.	Packiyalakshmi P Ms	Research Scholar	CSIR CECRI, Karaikudi	PP-003	Zn ₂ GeO ₄ nanowires as an electrode material for energy storage applications
4.	Mani V Mr	Research Scholar	CSIR CECRI, Karaikudi	PP-004	K ₃ V ₂ (PO ₄) ₃ /C: A novel cost-effective insertion anode for sodium-ion battery
5.	Sree Raj K.A	Junior Research Fellow	Jain University, Bangalore	PP-005	Tuning the Synergistic Effects of Metallic VSe ₂ and Carbon Nanotubes for High Power Density Supercapacitor
6.	Gokulnath S Mr	Research Scholar	CSIR CECRI, Karaikudi	PP-006	Bio-carbon scaffold for sulfur cathode for real time Li-S battery applications
7.	Inthumathi K	Research Scholar	CECRI Chennai Unit	PP-007	La _{0.5} Ca _{0.5} CoO _{3-δ} as an efficient bi-functional catalyst for zinc-air battery application

8.	Padmavathi B	Research Scholar	Indian Institute of Technology, Madras	PP-008	TiO ₂ supported Platinum catalyst applications in PEM Fuel Cells
9.	Nikhil Chandran M K Mr	Research Scholar	CSIR CECRI, Karaikudi	PP-009	Preliminary studies on Developing NaCrO ₂ /C as cathode material for sodium ion battery
10.	Shivaraju G C	Research Scholar	CECRI Chennai Unit	PP-010	Ultrasonochemically-induced MnCo ₂ O ₄ nanospheres anchored on graphene sheet as a non-precious bi-functional cathode catalyst for rechargeable zinc-air battery
11.	Harsha Ms	PA II	CSIR CECRI, Karaikudi	PP-011	Structurally integrated Cobalt-free positive electrodes for Lithium-ion batteries
12.	Alok K. R. Paul Dr	Principal Scientist	CECRI Chennai Unit	PP-012	Charge-discharge studies of a commercial lithium-ion battery
13.	Vinoth R Mr	PA	CSIR CECRI, Karaikudi	PP-013	Screen printed, serpentine shaped interconnects based stretchable solid state supercapcitor
14.	Neethu K S Ms	Research Associate-I	CSIR CECRI, Karaikudi	PP-014	Glycine derived activated carbon as electrode material for supercapacitor applications
15.	Jeevanantham	Research Scholar	CECRI Chennai Unit	PP-015	CNT anchored hollow Co ₃ O ₄ microspheres for high areal capacity Lithium-Sulfur batteries
16.	Shilpa U	Research Scholar	CECRI Chennai Unit	PP-016	Reducing the NMC electrode electrolyte interface resistance by thin alumina coating for solid state battery application

17.	Sasikumar M	Research Scholar	Bishop Heber College, Tiruchirappalli	PP-017	Influence of Nano TiO ₂ as Ceramic Additives in P(VdF-HFP)-PVAc Based Flexible Composite Solid Polymer Electrolytes for Li-ion Battery Applications
18.	Hemavathi S	Scientist	CECRI Chennai Unit	PP-018	Overview of cell balancing methods for Li-ion battery Technology
19.	Vudisi Pavan Kumar	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-019	Surface Modification of Carbon Electrodes towards Improved Performance of Vanadium Redox Flow Battery (VRFB)
20.	Sreekala K	Research scholar	Indian Institute of Space Science and Technology Thiruvananthapuram	PP-020	Graphene-Lithium Cobalt Vanadate Composite as a Sulfur Immobilizer for High Performance Lithium Sulfur Batteries
21.	Murugan C Mr	Inspire-JRF	CSIR CECRI, Karaikudi	PP-021	Ultrasonic Aided Heterojunction Formation between g-C ₃ N ₄ and Bi ₂ WO ₆ Nanohybrid Materials and its Impressive Performance in Hybrid Electrochemical Energy Storage Device
22.	Akhila Das	Research Scholar	Cochin University of Science & Technology (CUSAT)	PP-022	PVDF-co-HFP based solid polymer electrolytes incorporated with silica nanoparticles for magnesium ion battery
23.	Harun Khan	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-023	Highly-Hydrophilic Nano-Flowered Co ₃ O ₄ on TGF for Vanadium Redox Flow Battery

24.	Nivedha L K	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-024	Exploring the cathode of Zn-Air battery with regard to binder and Ketjen black carbon modified non-precious metal catalyst
25.	Mariyappan K Mr	PA	CSIR CECRI, Karaikudi	PP-025	Pt- Supported Graphite Fibers Network for Enhancing Br ₂ /Br ⁻ Electrode Kinetics and its Performance in Zn-Br ₂ Hybrid Redox Flow Battery
26.	Divya Unny	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-026	An Experimental and computational investigation of novel pyrene-carbazole dyes for solar cell applications
27.	Duraisamy E	Research Scholar	Pondicherry University	PP-027	Transformation of Spent Honeycomb Biomass into Hierarchical Porous Carbon for High-performance Full Cell Lithium-ion Battery and Aqueous/Non-aqueous Ultracapacitors
28.	Kannadasan K	M.Tech Student	Pondicherry University	PP-028	Glass Adhesive as Sustainable Source for Generation of Silicon Anode Material for Lithium-ion Battery
29.	Neethu T. M	Research Scholar	Cochin University of Science & Technology (CUSAT)	PP-029	Electrospun Polyacrylonitrile based 3D network fibrous membranes as safe electrolytes for Lithium ion batteries
30.	Vivekanand	M.Tech Student	CSIR CECRI, Karaikudi	PP-030	Chemically Activated Carbon for High Energy Supercapacitors

31.	Sandhiya M Ms	DST-Inspire	CSIR CECRI, Karaikudi	PP-031	Fabrication of high performance redox additive based flexible supercapacitor using S-doped graphene
32.	Abirami V Ms	B.Tech Student	CSIR CECRI, Karaikudi	PP-032	Electrochemical Performances of Spinel-Layered Blended Cathode Materials For Lithium Ion Batteries
33.	Richa Gupta	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-033	Rechargeable Aqueous Zn-ion Batteries with Organic Cathode Materials
34.	Subramani K Dr	Research Associate	CSIR CECRI, Karaikudi	PP-034	Transformation of Spent Engine Oil in to Bi-functional Electrocatalyst: A Value-Added Journey of Electrochemical Energy Conversion and Storage
35.	Srinithi R	PA	CSIR CECRI, Karaikudi	PP-035	Influence of Interfacial Polymer Structure on the Electric Double Layer Formation for High-Performance Supercapacitors
36.	Uday Venkat Kiran Mr	PA	CSIR CECRI, Karaikudi	PP-036	A comparative analysis of cycle life of VRLA batteries
37.	Sivashankari D	Project Student	CSIR CECRI, Karaikudi	PP-037	Effect of different surface area of Graphene Nano platelets (as a negative plate additive) on the performance of lead acid battery
38.	Adith R V Mr	B.Tech Student	CSIR CECRI, Karaikudi	PP-038	Optimization strategies of electrolyte flow rate in Zinc-Bromine Redox Flow Batteries

39.	Naresh R Mr	PA	CSIR CECRI, Karaikudi	PP-039	Porous Carbon 3D Matrix for Enhancing the Br ₂ /Br ⁻ Redox Reaction in Zn-Br ₂ Redox Flow Batteries
40.	Shankar K Mr	B.Tech Student	CSIR CECRI, Karaikudi	PP-040	Fabrication of flexible Vanadium Pentoxide electrodes using Pulsed Laser Deposition for Li-ion thin-film batteries
41.	Arun S Mr	PA	CSIR CECRI, Karaikudi	PP-041	Effects of carbon surface area and morphology on performance of stationary lead acid battery
42.	Dinesh Babu .V	B.Tech Student	CSIR CECRI, Karaikudi	PP-042	Free standing Co ₃ O ₄ thin film electrodes for supercapacitor applications by using Pulsed Laser Deposition/ Hydrothermal method.
43.	Ratnaji T	Research Scholar	Vellore Institute of Technology, Chennai	PP-043	Electrochemical performance of bio waste derived porous carbon for supercapacitor applications.
44.	Akshaya.S	Research Scholar	Bharathiar University, Coimbatore	PP-044	An efficient rGO/NbSe ₂ counter electrode as a catalyst for the reduction of electrolyte in dye sensitized solar cell
45.	Velmurugan R	Research Scholar	CSIR CECRI, Karaikudi	PP-045	Highly Adhesive and Crystalline V ₂ O ₅ Thin Film Electrodes with Superior Supercapacitor Performances
46.	Siva Priya D	Research Scholar	Sacred Heart College (Autonomous), Tirupattur	PP-046	Cyprus rotundus based porous carbon for supercapacitor application
47.	Valanarasu M	Research Scholar	Vellore Institute of Technology, Chennai	PP-047	Fabrication of porous carbon electrode for electric double layer capacitor from leather solid waste

48.	Sathishrajan M Mr	B.Tech Student	CSIR CECRI, Karaikudi	PP-048	Permselective Separators for Lithium-Sulfur Batteries
49.	Sujithkrishnan	Research Scholar	Pondicherry University	PP-049	Nanostructured SiO ₂ /Fe ₂ O ₃ Composite as Anode Material for Lithium-ion Battery
50.	Karthick S N Dr	Assistant Professor	Bharathiar University, Coimbatore	PP-050	Appraising the Performance of Chromium Sulfide as Storage Material in Supercapattery Device
51.	Vignesh V (Navamathavan)	Research Scholar Associate Professor	Vellore Institute of Technology, Chennai	PP-051	Electrochemical Investigation of Emerging Nanostructured Composite/Hybrid Electrodes for Supercapacitor Applications
52.	Sibichackravarthu	B.Tech Student	CSIR CECRI, Karaikudi	PP-052	Sulfur -doped Graphene NanoPlatelet as a novel electrode material for application in supercapacitor
53.	Arunachala Kumar S P	M.Tech Student	Pondicherry University	PP-053	2D MXene/VN nanocomposites based ink for screen-printable all solid-state flexible micro-supercapacitors
54.	Aishwarya M	B.Tech Student	CSIR CECRI, Karaikudi	PP-054	Fabrication of Zn doped Cobalt Oxide thin film electrodes by hydrothermal synthesis for symmetric micro-capacitor devices
55.	Aakash Carthick R	M.Tech Student	Pondicherry University	PP-055	Facile Solid-State Synthesis and Characterization of Na ₂ Mg ₂ TeO ₆ based Na-ion Conductor for Energy Storage Device Applications

56.	Lena	M.Tech Student	Pondicherry University	PP-056	Citric acid assisted combustion synthesis of $K_2Mg_2TeO_6$ based solid state electrolyte for potassium-ion battery
57.	Allwin Richard Y	Research Scholar	Alagappa university, Karaikudi	PP-057	Study of Lipid Interaction with metal oxide for DNA Biosensing
58.	Himanshi Goel	Junior Research Scholar	Delhi University, Delhi	PP-058	Single Potential Step Chronoamperometry for EC Reaction at Rough Electrodes: Theory and Experiment
59.	Mohana Soundari D	Research Scholar	University of Madras, Chennai	PP-059	Synthesis of Silver nanoparticles dispersed polypyrrole lignosulfonate nanocomposite and study of its application on electrochemical detection of Dopamine
60.	Reshma Kaimal	Research Scholar	National Institute of Technology, Trichy	PP-060	Laser-induced decoration of carbon nanotubes with Pd nanoparticles for electrochemical methanol oxidation
61.	Ranjani B	Research Scholar	University of Madras, Chennai	PP-061	Fabrication of Anthraquinone 2-carboxylic acid Decorated HNT for Electrochemical Detection of hydrogen peroxide
62.	Kalaiyarasi J	Research Scholar	University of Madras, Chennai	PP-062	Electrochemical detection of omeprazole in drug formulations using S-doped $g-C_3N_4$ modified electrode

63.	Muraliraj A Mr	PA-II	CSIR CECRI, Karaikudi	PP-063	Electrochemical Detection of Urea from Sweat Using Modified Screen Printed Electrodes
64.	Pandian K (Kalaiyarasi)	Professor	University of Madras, Chennai	PP-064	Sensitive simultaneous voltammetric detection of Paracetamol and Caffeine using TsCuPc primed graphene sheet modified electrode
65.	Vanitha S	Research Scholar	University of Madras, Chennai	PP-065	Electrochemical Determination of Tinidazole in Drug and Urine samples at Silver nanoparticles deposited polythionine protected MoS ₂ modified GCE
66.	Tamilselvi N	Research Scholar	University of Madras, Chennai	PP-066	Silver nanoparticles dispersed Aniline oligomer functionalized HNT modified GCE for electrochemical sensing of Folic acid
67.	YashlyYesudas K	M.Sc Student	Vellore Institute Of Technology(VIT), Vellore	PP-067	In-situ Release of Fe Impurity in Carbon Nanomaterial and its Scanning Electrochemical Microscopic Imaging as a Prussian Blue- Electrocatalyst
68.	Venkata Ratnam K Dr	Assistant Professor	GITAM (Deemed to be University), Bengaluru	PP-068	A non-enzymatic electrochemical tyrosine sensor using Nickel oxide nanoparticles
69.	Eldhose V Varghese	Research Scholar	Newman College Thodupuzha, Kerala	PP-069	Molecular imprinted poly-(anthranilic acid-2-benzimidazol aniline) for selective electrochemical detection of cadmium in aqueous media

70.	Reen Maria Lawrence	PA	CECRI Chennai Unit	PP-070	Non-Precious Electrocatalyst for Ammonia Production at Ambient Condition
71.	Sanu K. Anand	Research Scholar	Cochin University of Science & Technology (CUSAT)	PP-071	A simple and sensitive voltammetric sensor for the individual as well as simultaneous determination of serotonin and tyramine
72.	Agnus T mathew Dr	Research Scholar	CHRIST (Deemed to be University), Bengaluru	PP-072	TEMPO mediated electrochemical oxidation of Benzyl alcohol by β -CD-Ppy modified carbon fiber paper electrode
73.	Manna Rachel Mathew	Research Scholar	Cochin University of Science & Technology (CUSAT)	PP-073	L-Arginine/Graphene oxide modified glassy carbon electrode for the simultaneous determination of guanine, adenine and thymine
74.	Varsha M V	Research Scholar	Indian Institute of Space science and Technology Thiruvananthapuram	PP-074	Electrochemical Determination of Caffeine using Metal Organic Framework based Material
75.	Mageswari GV	Research Scholar	Vellore Institute of Technology, Vellore	PP-075	Ferricyanide ion exchange cetyltrimethylammonium bromide chemically modified electrode for the electrocatalytic oxidation of ascorbic acid and insitu synthesis of prussian blue
76.	Tamilselvi G.	Inspire Fellow	Indian Institute of Technology Madras, Chennai	PP-076	Enhanced electrocatalysis by 1-amino 2-naphthol modified multiwalled carbon nanotubes in acetonitrile : A case study using ascorbic acid sensing

77.	Rashmi Bhaskaran	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-077	Pt-Pd Electrodeposited on Titanium Support for Methanol Oxidation in Direct Methanol Fuel Cells
78.	Karthickraj A G Mr	Project-JRF	CSIR CECRI, Karaikudi	PP-078	Photoanode Driven Photoelectrocatalytic Reduction of Carbon Dioxide with Ag Dendrites Decorated Titania Nanotubes
79.	Jai Janarthanan L Mr	PA-II	CSIR CECRI, Karaikudi	PP-079	Electrochemical Detection of Methyl Parathion Using Flexible and Disposable electrode
80.	Ram Prasad Y.V.S.S	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-080	Electrodeposited Tin on Copper Foam for Enhanced Electrochemical Reduction of CO ₂ to Formic Acid
81.	Mohamed Shahid	Research Scholar	Indian Institute of Technology, Delhi	PP-081	Kinetics of Methane Electro-Oxidation in Pure and Composite Anodes of La _{0.3} Y _{0.1} Sr _{0.4} TiO _{3-δ}
82.	Venkadesh A Mr	PA	CSIR CECRI, Karaikudi	PP-082	Facile synthesis of Cu-MOF/graphene composite for electrochemical determination of caffeine
83.	Sriram P Mr	PA	CSIR CECRI, Karaikudi	PP-083	High Performing Water Splitting Electrocatalysts Derived from Ionic Liquid Assisted and Electrodeposited Intermetallic Ni _x Ta _y P. Sriram ¹ and Shailendra K. Jha ^{1,2,3}

84.	Arun Karmakar	Research Scholar	CSIR CECRI, Karaikudi	PP-084	Tellurized Ni foam overtook the State-of-the-art Pt/C in High Rate Hydrogen Evolution
85.	Anil Kumar U	PA	CECRI Chennai Unit	PP-085	Non-Precious Electrocatalysts: A Co/Co ₃ O ₄ supported N-doped Carbon for Oxygen Reduction Reaction Application
86.	James Nelson D	Research Scholar	The Gandhigram Rural Institute-DU, Gandhigram	PP-086	GQDs-AuNPs Composite Modified Electrodes for the Simultaneous Determination of Nitrophenol Isomers
87.	Muthukrishnan K	Research Scholar	The Gandhigram Rural Institute-DU, Gandhigram	PP-087	Chitosan derived carbon dots modified electrode for the determination of vitamins
88.	Narayanamoorthi	Research Scholar	The Gandhigram Rural Institute-DU, Gandhigram	PP-088	Metal Nanoparticles-doped COF composite as non-enzymatic electrochemical sensor for hydrogen peroxide with excellent sensitivity and selectivity
89.	Aarthi P Ms	PA	CSIR CECRI, Karaikudi	PP-089	Gas-phase electrocatalytic conversion of carbon dioxide to fuels over mixed oxides gas diffusion electrodes
90.	Sandhya A	Research Scholar	Vellore Institute of Technology, Chennai	PP-090	Water splitting by photo electrochemical technique using nano MoS ₂ as photo catalyst for hydrogen generation

91.	Mathankumar M	Research Scholar	CSIR CECRI, Karaikudi	PP-091	Fabrication of Laser Ablated 1T-MoS ₂ for Improved Hydrogen Evolution Reaction
92.	Harini S	M.Tech Student	Periyar Maniammai University, Vallam	PP-092	Influence of Oxygen Partial Pressure on Laser Ablated MnSnO ₃ Thin Films for Dopamine Sensing
93.	Subhashini S	B.Tech Student	CSIR CECRI, Karaikudi	PP-093	Selenizing Cu foam for Hydrogen Evolution Reaction in acid for 1 V reduction in Overpotential
94.	Sridhar S M	B.Tech Student	CSIR CECRI, Karaikudi	PP-094	Comparative OER study on Cobalt selenide catalysts prepared in DNA and in hydrothermal approaches
95.	Sivakumar C Dr	Prin. Scientist	CSIR CECRI, Karaikudi	PP-095	A voltammetric probe based on GCE modified with MWCNT-polyaniline composite film for sensing of Pb(II) and Cu(II) ions in soil
96.	Rishabh Kumar	B.Tech Student	CSIR CECRI, Karaikudi	PP-096	Electrocatalytic water Oxidation using binder free CoS-DNA catalysts with low loading
97.	Mohanraj S Mr	PA	CSIR CECRI, Karaikudi	PP-097	Inkjet-printed multiplexed electrochemical platform: Application towards cancer biomarker detection
98.	Shreenidhi J Ms	B.Tech Student	CSIR CECRI, Karaikudi	PP-098	Two dimensional graphene modified electrode for simultaneous determination of ciprofloxacin and caffeine

99.	Michelraj S Mr	PA-II	CSIR CECRI, Karaikudi	PP-099	Enzymatic Electrochemical Detection of Lactate Using Screen Printed Electrodes
100.	Lokesh Kumar	M.Sc Student	Vellore Institute of Technology, Vellore	PP-100	Plant based ZnO nanoparticle film casted glassy carbon electrode for dopamine sensing
101.	Kosame Saikiran Mr	B.Tech Student	CSIR CECRI, Karaikudi	PP-101	Copper based electro-catalyst for electrochemical CO ₂ reduction to value added products
102.	Shalini Devi K Dr	DST-SERB NPDP	CSIR CECRI, Karaikudi	PP-102	Detection of Asparagine Levels in Leukemic Cells and Monitoring the Cell Proliferation with an Enzyme Modified Using Carbon Black Biosensor
103.	Sudalaimani S Mr	PA	CSIR CECRI, Karaikudi	PP-103	Growth of Au nanoarchin flowers on poly(o-toluidine) polymer matrices by galvanic displacement route: Application as an efficient recyclable catalysts for reduction of 4-nitrophenol
104.	Ahalya G	Research Scholar	National Institute of Technology, Trichy	PP-104	Guar Gum based Polymer Gel Electrolyte for Dye-Sensitized Solar Cell Applications
105.	Gopi S	Research scholar	Gachon University, Seongnam-si, South Korea	PP-105	Porous Organic Polymer- derived Ni, Cu modified Porous Carbon for highly efficient for Oxygen Evolution Reaction
106.	Rajagopal V	Res. Scholar	CSIR CECRI, Karaikudi	PP-106	N-rich metal nanoparticles doped amorphous porous organic polymer catalyst for electrochemical reduction of CO ₂

107.	Balasubramanian	Research Scholar	Manonmaniam Sundaranar University, Tirunelveli	PP-107	Investigation on Copper Niobium oxide photocathode and its PEC performances
108.	Shobana M K Dr	Asst. Prof.(Sr.)	Vellore Institute of Technology, Vellore	PP-108	Synthesis and Characterization of cobalt ferrites nanoparticle
109.	Narmatha S Ms	PA-I	CSIR CECRI, Karaikudi	PP-109	Amending Hole Transport Capabilities through Heterostructure of Bismuth Vanadate and Graphitic Carbon Nitride in Photoelectrocatalytic Water Splitting
110.	Mala Maruthi	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-110	Redox chemistry of lead-free metal halide perovskites for electrochemical systems
111.	Keerthiga G	Assistant Professor	SRM Institute of Science and Technology, Kattankulathur	PP-111	Metal Organic Framework for Electrochemical Reduction of Carbon dioxide
112.	Vijayapradeep. S	M.Tech Student	Periyar Maniammai Institute of Science and Technology, Vallam,	PP-112	Study of Nanostructured Solid Polymer Electrolyte Films for High-performance Micro-Supercapacitors
113.	Vinoth S Mr	Inspire-JRF	CSIR CECRI, Karaikudi	PP-113	Manipulation of Charge Transport by Heterostructure of g-C ₃ N ₄ /BiOI nanohybrid in Photoelectrochemical Water Splitting

114.	Sudhanshu Pandey	Research Scholar	Pondicherry University	PP-114	Nanostructured Pt-Co Bimetallics Anchored on Nitrogen-doped Carbon Derived from Polyaniline as Electrocatalyst for Fuel Cell Application
115.	Parameswaran T. M.	PA	CECRI Chennai Unit	PP-115	Non-Precious Metal doped Carbon Nanosheets for Oxidation Reduction Reaction in Low Temperature Fuel Cell Cathode
116.	Soundarya Mary A Ms	Inspire-JRF	CSIR CECRI, Karaikudi	PP-116	Reconciling Experimental and Theoretical Studies for Ca doped BaSnO ₃ Photoanode in Dye Sensitized Solar Cells
117.	Bhojanaa M S Ms	Inspire-JRF	CSIR CECRI, Karaikudi	PP-117	Modulating Hole Migration via Heterostructure of Graphitic Carbon Nitride and Titanium Dioxide in Photoelectrocatalytic Water Splitting
118.	Parnapalle Ravi Mr	PA-II	CSIR CECRI, Karaikudi	PP-118	Cu ₂ S Sensitized CdS/Ta ₂ O ₅ Nanocomposite for Efficient Photocatalytic Hydrogen Evolution Under Visible Light Irradiation
119.	Dipsikha Ganguly	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-119	Cobalt encapsulated N doped carbon nanotubes as non-Pt oxygen reduction reaction catalyst for proton exchange membrane applications

120.	Balamurugan K	Research Scholar	CSIR CECRI, Karaikudi	PP-120	Electrochromic performance of Ion Assisted magnetron sputtered Nb metal decorated TiO ₂ thin films
121.	Mayuresh Janpandit	B.Tech Student	CSIR CECRI, Karaikudi	PP-121	Development of hetero atom doped Graphene as cathode material for chlor-alkali cell assembly
122.	Sakthivel R	Research Scholar	CECRI Chennai Unit	PP-122	Copper –Pyromellitic Acid Incorporated with Sulfonated Polyether Ether Ketone (sPeek) Composites for Proton Exchange Membrane Fuel Cells
123.	Murugasenapathi NK Mr	PA	CSIR CECRI, Karaikudi	PP-123	Pinhole-free shell-isolated nanostructures for interference-free Electrochemical Surface Enhanced Raman Spectroscopy
124.	Namrata Upadhyay	Technical Officer D	Indira Gandhi Centre for Atomic Research, Kalpakkam	PP-124	Electrochemical Noise Analysis to Study the Nitrogen Effect on the Pitting Corrosion of Stainless steel using Wavelet
125.	Muthu Lakshmi L	Post Doctoral Fellow (NPDF-SERB)	Madurai Kamaraj University Madurai	PP-125	k-Carrageenan/Sodium alginate biocomposite as a novel inhibitor for corrosion inhibition of SS ₃ O ₄
126.	Anitha R	Research scholar	PSGR Krishnammal College for Women, Coimbatore	PP-126	Sulphamethazine derivative as potential corrosion mitigator: - Experimental and theoretical approach

127.	Srinivas Mannepalli	Scientific officer D	IGCAR, Kalpakkam	PP-127	Localized Corrosion behavior of thermally aged nitrogen alloyed 316 SS weld metals
128.	Kannan P Dr	Post Doctoral Researcher	CHRIST (Deemed to be University)	PP-128	Phenyltrimethylammonium tetrachloroaluminate ionic liquid as corrosion inhibitor for carbon steel protection in acid environment
129.	Poonam Singh DR	Prin. Scientist	CSIR CECRI, Karaikudi	PP-129	Factors affecting internal corrosion in oil and gas industries
130.	Sowmya Ramkumar Dr	Assistant Professor	PSGR Krishnammal College for Women, Coimbatore	PP-130	Eeperimental and quantum chemical studies on the corrosion Inhibition of Indoloimidazoles in acid medium
131.	Ulagammal V Ms	PA	CSIR CECRI, Karaikudi	PP-131	Ultrasonically assisted macrocyclic ring coating on copper metal for corrosion protection in 3.5% NaCl medium
132.	Monika R	Scientist	CSIR CECRI, Karaikudi	PP-132	Studies on corrosion detection using artificial Intelligence and machine learning (AI-ML) Based System
133.	Jithu Jayaraj	Research Scholar	CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST)	PP-133	Development and characterization of corrosion resistance lanthanum phosphate coating for magnesium alloys via chemical conversion and sol-gel route

134.	Jerin K. Pancrecious	Research Scholar	CSIR-NIIST	PP-134	Wear and Corrosion Performance of Ni-SiC-LDH Composite Coating on Aluminium Alloy
135.	Amuthan D Mr	Res. Scholar	CSIR CECRI, Karaikudi	PP-135	Investigation of extended metal-organic networks as corrosion inhibitors for Copper
136.	Aparna Banerjee		Homi Bhabha National Institute & Bhabha Atomic Research Centre, Mumbai	PP-136	Behaviour of Zr-2.5%Nb alloy subjected to high temperature & corrosive atmosphere
137.	Abhra Shau Dr	Research Scientist	Reliance Industries Limited, Ghansoli, Navi Mumbai	PP-137	Electro-reduction of CO ₂ to valuable chemicals – A sustainable solution to global warming
138.	Vasudevan S Dr	Sr. Prin. Scientist	CSIR CECRI, Karaikudi	PP-138	Removal of 2-(2-methyl-4-chlorophenoxy) propionic acid (MCPP) from water by on-site electro-generated zinc hydroxide
139.	Sozhan G Dr	Chief Scientist	CSIR CECRI, Karaikudi	PP-139	Sulfur-Doped Carbon – An Electrocatalyst for Electro-Fenton System for the Removal of Organic Contaminants
140.	Malini R Dr	Sr. Scientist	CSIR CECRI, Karaikudi	PP-140	Removal of Cr(VI) and Pb(II) from Contaminated water using Sacrificial Metal based Permeable Reactive Barrier

141.	Gitika Singh Ms	Research Scholar	SIES Indian Institute of Environment Management, Nerul, Navi Mumbai	PP-141	Analytical applications of metal ion-mediated electrochemical oxidation technique
142.	Chrysanthus Andrew Mr	CSIR-TWAS Fellow	CSIR CECRI, Karaikudi	PP-142	Electrodeposition of Nickel-Phosphorus Alloy from Eutectic Solvent
143.	Kiruba M Ms	Research Scholar	CSIR CECRI, Karaikudi	PP-143	Role of diols on the potential/current oscillation during the electrodeposition of cobalt
144.	Syam Babu D	Research Scholar	CSIR-National Environmental Engineering Research Institute (NEERI)	PP-144	Importance of external aeration on arsenite removal by iron electrocoagulation
145.	Mythilishri R	M.Tech Student	Anna University, Chennai	PP-145	Taguchi Analysis for Decolorization of Dye wastewater Using Tubular Electrochemical Reactor
146.	Akansha J	Research Scholar	CSIR-National Environmental Engineering Research Institute	PP-146	Treatment of Dairy Industry Wastewater by Electrocoagulation Process
147.	Vinisha Boddu	Research Scholar	Indian Institute of Technology Madras, Chennai	PP-147	Electrochemical reduction of hexavalent chromium using three-chambered electrolytic cell
148.	Mohanraj P	Research Scholar	NIT, Calicut	PP-148	Removal of Hexavalent chromium ions from wastewater using high potential capacitive deionization (CDI) method

149.	K R Mohan Rao Dr	Assistant Professor	GITAM (Deemed to be University), Andhra Pradesh	PP-149	Influence of Plasma Nitriding on Corrosion Resistance of Steel
150.	Menaga M	Research scholar	PSGR Krishnammal College for Women, Coimbatore	PP-150	Prazosin: as corrosion inhibitor for mild steel in acidic medium
151.	Vishnu Prataap R K	Research Scholar	CSIR CECRI, Karaikudi	PP-151	A High-throughput electrodeposition of catalyst compositions using Scanning Flow Cell