International Conference on Shaping the Energy Future: Challenges & Opportunities
Theme: Catalyzing Sustainable Future with Affordable Energy and Chemicals

CSIR - Indian Institute of Petroleum, Dehradun, Uttarakhand, India
April 23-25, 2025

List of Abstracts Accepted for the Presentation at the SEFCO-2025
(Progressive List)

Sr. No	Abstract ID	Full Name	Abstract Title	Presentation Mode
Theme: Carbon Capture, Conversion, and Storage (CCCS)				
1	CCCS-002	ATHIRA ABRAHAM	A baby step in assembling and integrating the components of an artificial photosynthesis device with forced heterojunctions toward improved efficiency	Poster
2	CCCS-003	Dr. Achinta Bera	FORMULATION OPTIMIZATION OF SURFACTANT-POLYMER FLOODING FOR ENHNACED OIL RECOVERY IN SANDSTONE RESERVOIRS	Oral/Poster*
3	CCCS-004	Sunil Kumar	Improved Cost Correlations for Compressors to Enhance Capital Cost Estimation Accuracy of Compression-Intensive Processes	Oral/Poster*
4	CCCS-005	Mr. Kapil D Dhotre	Carbon dioxide (CO2) Sequestration: Process Development and Intensification for the Preparation of Salicylic acid/Aspirin by catalytic carboxylation of phenol using supercritical carbon dioxide (CO2)	Oral/Poster*
5	CCCS-006	Dr. Nilesh Choudhary	MOLECULAR SIMULATION AND THERMODYNAMICS STUDIES FOR DECARBONISATION	Oral/Poster*
6	CCCS-007	Suman Dalakoti	Facile Synthesis of Mixed Matrix Membranes Embedded with MOF-Incorporated Mesoporous Silica Composite Fillers for Gas Separation	Oral/Poster*
7	CCCS-009	Ganesh S	Enhanced bimetallic beta-tricalcium phosphate (β-TCP) catalysts for CO2 hydrogenation to value added products	Poster
8	CCCS-010	Supriya Das	BODIPY-FUNCTIONALIZED HETEROBIMETALLIC Ru(II)-Fe(II) DYAD: A PROMISING AND SUSTAINABLE SINGLET OXYGEN PHOTOSENSITIZER FOR PHOTOCATALYTIC ORGANIC TRANSFORMATION	Oral/Poster*
9	CCCS-012	Aditya Mishra	Shale Exploitation: Integrating CCUS through Supercritical Carbon Dioxide Fracturing	Oral/Poster*
10	CCCS-013	PATEL UTTPAL CHANDRAKANTBHAI	HIGH-PERFORMANCE DES-MXENE COMPOSITE MEMBRANES FOR CO_2 CAPTURE: A STRUCTURAL AND PERMEABILITY STUDY	Oral/Poster*
11	CCCS-014	RAKSHITH VS	High-Throughput Process-Level Screening of Advanced Porous Materials for CO2 Capture via Pressure Swing Adsorption	Oral/Poster*
12	CCCS-015	Dr. Mrityunjaya Kumar	Experimental Investigation of Zr/CeO2-Al2O3 catalyst towards reduction of Carbon	Oral/Poster*

		Shukla	Monoxide emission in Diesel Engine	
13	CCCS-016	Aditya	Encapsulation of Mono/Bi-Metal in TS-1 Zeolites for CO_2 Conversion	Oral/Poster*
14	CCCS-017	AYUSHI TYAGI	Unravelling the Temperature-Driven Phase Transformation of NixPy and Their Impact on Hydrogenation Catalysis	Poster
15	CCCS-018	Ayush Pandey	Carbon dioxide adsorption in a multistage fluidized bed Reactor	Oral/Poster*
16	CCCS-019	Purushothaman S P	Catalytic hydrogenation of carbon dioxide using bimetallic catalyst supported on SBA-15 into value added products	Poster
17	CCCS-020	Anjali Sharma	Metal Exchange Zeolite for Coal Bed Methane Upgradation	Poster
18	CCCS-021	Remya Ranjith	DEVELOPMENT & PERFORMANCE EVALUATION OF DEEP EUTECTIC SOLVENT MEMBRANES FOR CO2/CH4 GAS SEPERATION: EXPERIMENTAL AND THEORETICAL INSIGHTS.	Oral/Poster*
19	CCCS-022	Guruprasad Bhattacharya	ELECTROCHEMICAL CONVERSION OF CO2 USING COPPER CHROMATE NANOMATERIAL ELECTROCATALYST	Poster
20	CCCS-023	Debkrishna Dey	Morphological Disintegration in Solid-State Transformation of Bi-phasic Zeolite	Poster
21	CCCS-024	Dr. Radhapada Manna	Enhanced electrocatalytic CO2 reduction strategy through Cu2O/CdS heterojunctions	Poster
22	CCCS-025	Akhil Kumar Gupta	Post combustion CO2 capture using novel aqueous amine blend of 1-(2-Amino Ethyl) Piperazine (AEP) and 3-Dimethyl amino-1-propanol (3-DMA-1-P): Thorough absorption and desorption analysis	Oral/Poster*
23	CCCS-027	Shreyas Kulkarni	Enhancing CO_2 Capture: Composite Ionogel Membranes with DES-IL Blends for Efficient Gas Separation	Poster
24	CCCS-029	Poonam Chatturvedi	Pt NPs loaded CeO2-Bi4Ti3O12 Composite Heterojunction with Improved and Selective Photocatalytic Activity for CO2 Reduction in the Gas Phase	Poster
25	CCCS-030	Dr. Swapnil Dharaskar	Deep Eutectic Solvent Gel Membranes for Efficient CO2 Separation Applications: Experimental and DFT Prediction Analysis	Oral/Poster*
26	CCCS-034	Ashutosh Darak	Polyamine mediated mesoporous Silica adsorbents for Carbon Dioxide Capture	Oral/Poster*
27	CCCS-035	Dr. Mahuya Bandyopadhyay	Tailored Micro/Mesoporous Silicoaluminophosphates for CO_2 Sequestration via Cyclic Carbonate Formation	Oral/Poster*
28	CCCS-037	Dr. Dinesh Jagadeesan	Hydrogenation of Cobalt containing Calcium Carbonate	Poster
29	CCCS-038	Anirban Mukherjee	Electrochemical reduction of CO2 using 2D gC3N4 supported Indium doped-Bi2S3: Study of the role of Indium doping on the selectivity of products	Oral/Poster*
30	CCCS-039	Gaurav Gaur	Catalytic process for the production of alkylated aromatics using CO2	Poster
31	CCCS-042	Satyajit Panda	Tailored Ni based catalyst for CO2 mitigation	Oral/Poster*
32	CCCS-044	Chhanda Mondal	Catalytic Fixation of CO_2 into Cyclic Carbonates Using Side-Chain Appended Metallopolymer: A Sustainable Approach to Carbon Utilization	Oral/Poster*
33	CCCS-045	Gnanasekaran G	Atomic Carbon adsorption and removal on Nickel based Bimetallic Catalysts Ni3M (M= Fe, Co, Cu) in DRM reaction: A First principles study	Poster

34	CCCS-047	Trilochan Bhunia	Thermally Switchable Perovskite and Its in situ Generated Molecular Level Nanocomposite for Dry Reforming of Methane	Poster
35	CCCS-049	Neeraj Kala	Effects of various Co-complexing agents on the Double metal cyanide catalyst for the synthesis of Polyether Carbonate Polyol	Poster
36	CCCS-050	Vasu Chaudhary	Aligning India's Climate Goals: Insights from Global Emission Trends and Mitigation Strategies	Oral/Poster*
Theme: Crude Oil & Coal: Exploring Innovations and Opportunities (CCIO)				
37	CCIO-001	Reetu Raj	3Es-analysis of coal-biomass based gasification/co-gasification integrated CI engine	Oral/Poster*
38	CCIO-002	Nishant Markandeya	Catalyst-Free Depolymerization of Polycarbonate and Optimization Using Response Surface Methodoogy (RSM)	Oral/Poster*
39	CCIO-003	RAVINDRA KUMAR	Influence of various catalysts on pyrolysis yields from low-density polyethylene wastes for sustainable fuel recovery	Oral/Poster*
40	CCIO-004	Mansi Awasthi	THE CONSTITUTIVE ANALYSIS OF PLA-MODIFIED BITUMEN TO ENHANCE BITUMINOUS PROPERTIES OF THE BASE BITUMEN	Poster
41	CCIO-005	Chhaya Thadhani	Hydrogenolysis of Polyethylene by Metal-Organic Framework Confined Single-Site Ruthenium Catalysts	Poster
42	CCIO-006	Anjali Dimri	Alternate Production of Alpha Olefins from Thermo-Catalytic Pyrolysis of Waste Plastic	Poster
43	CCIO-007	Awantika	PERFORMANCE EVALUATION OF UTILIZATION OF WASTE TYRE CRUMB RUBBER (CR) TO IMPROVE RHEOLOGICAL PROPERTIES OF MODIFIED BITUMEN	Poster
44	CCIO-008	Azeem Khan	Optimizing Gas Chromatography Parameters for Thermally Unstable Dicyclopentadiene Mixtures Analysis	Oral/Poster*
45	CCIO-009	Diwakar Chauhan	Post - functionalization of waste polymeric materials	Poster
Theme: Energy Transition, Energy Efficient Practices and Future Mobility (EEEF)				
46	EEEF-001	Kundan Kumar	Solid-State Direct Regeneration of Spent Lithium Cobalt Oxide Cathodes for Li-Ion Batteries	Oral/Poster*
47	EEEF-002	Dr. Sumit Kumar Pramanik	Nanostructured Organic Electrolytes: Tailoring Self-Assembly to Unlock the Potential in Sodium-Ion Batteries	Oral/Poster*
48	EEEF-009	Pramod R Junghare	Bimetallic Nanoparticles Supported on Nitrogen-containing Carbon Nanofibres for Oxygen Reduction Reaction.	Oral/Poster*
49	EEEF-011	Mayur Madhav Kakade	Optimization of device geometry to ensure core annular flow for energy-efficient pipeline transportation.	Oral/Poster*
50	EEEF-015	Kanchan Gangwar	From Data to Discovery: The Role of AI in Sodium-Ion Battery Research	Oral/Poster*
51	EEEF-023	Dr Barnasree Chanda	High entropy oxide based air electrode material for potential Solid Oxide Fuel Cell applications	Oral/Poster*
52	EEEF-030	Gaurav Lunawat	Turning Back the Carbon Clock: Hydrogenated Hydrocarbon Production for Sustainable Transportation Fuels	Oral/Poster*
53	EEEF-031	Vinayak. S	Investigating optimization and combustion applications of Oxy-hydrogen generator	Oral/Poster*
54	EEEF-032	Tanmoy Ghosh	Disorder-Driven Optimization of Thermoelectric Performance in AgSbTe2	Oral/Poster*

55	EEEF-034	Omvir Singh	Efficient Coproduction of 5-Hydroxymethyl Furfural and Furfural from Biomass Utilizing different heterogenous Catalysts: A Sustainable Approach	Oral/Poster*
56	EEEF-035	AASH MOHAMMAD	ELECTROCHEMICAL PERFORMANCE OF VANADIUM REDOX FLOW BATTERY CELL-STACK WITH SPLIT SERPENTINE FLOW CHANNELS	Oral/Poster*
57	EEEF-003	Amir Sohel	NiNb metallic glass as a stand-alone electrode-catalyst for urea-assisted hydrogen generation	Poster
58	EEEF-004	ABDUL KADIR M. POONAWALA	Enhancing Ignition Techniques for Spray Combustion Analysis of Novel Propellants in High-Pressure Environments	Poster
59	EEEF-005	Komal Kumari	AGAR-AGAR DERIVED ACTIVATED ULTRA-POROUS CARBON AS AN ELECTRODE MATERIAL FOR SYMMETRICAL SUPERCAPACITOR	Poster
60	EEEF-006	Shubham	Mechanical Energy Harvesting through Piezoelectric Iontronic Tactile Device	Poster
61	EEEF-007	Nazreen VM	Process Intensification of Pt-Fe Bimetallic Electrocatalyst Synthesis For Proton Exchange Membrane Fuel Cell	Poster
62	EEEF-008	Sachin Jagdish Patel	Process Optimization in Low-Temperature Electrolysers Using Aspen Plus.	Poster
63	EEEF-010	Yash Srivastava	Selective recovery of lithium from waste lithium-ion batteries through carbothermal reduction with waste pine needle	Poster
64	EEEF-013	Susmita Mazumdar	Octahedron-Shaped Manganese Doped Nickel Selenide for High Performance Asymmetric Supercapacitors	Poster
65	EEEF-014	Rinki Singh	Recycling of end-of-life solar panels, using solvent treatment and pyrolysis for components and energy recovery.	Poster
66	EEEF-016	Shrinkhala Anand	Polyelectronic Approach to synthesize PEDOT loaded Hydrogel for in air and under water soft electronic application	Poster
67	EEEF-017	Khushboo Mishra	Next Generation Thermoelectric materials designed for Power generation from waste heat (WHtP)	Poster
68	EEEF-018	Syed Abuzar Suhail	A Net Zero Refinery Approach Using Renewable Electricity, Green Hydrogen, and CO_2 Capture	Poster
69	EEEF-019	Yash Dattakumar Hede	Evaluation of Thermoelectric properties of Cu_2O-CuI-rGO nanocomposites: An eco-friendly and low-cost alternative.	Poster
70	EEEF-020	SOUVIK SAU	Exploring ZnMn2O4 spinel nanostructures: a potential material for efficient supercapacitor electrodes	Poster
71	EEEF-021	Shriparna Roy	Optimized NiCrO3 nanostructures for future energy storage applications	Poster
72	EEEF-022	Manisha Kundu	2D MoO3/PVDF-HFP NANOCOMPOSITES FOR FLEXIBLE PIEZOELECTRIC NANOGENERATOR AND WIRELESS MECHANOSENSOR APPLICATIONS	Poster
73	EEEF-024	Dr. Madhuchhanda Sarkar	Studies on Fatty Acid Based Composite Phase Change Materials for Thermal Energy Storage	Poster
74	EEEF-025	Monisha Sarkar	A High Performance Triboelectric Nanogenerator Based on MoS 2 /PVDF-HFP Nanocomposite for Flexible Electronics Applications	Poster
75	EEEF-026	RAKESH UPADHYAY	Catalytic Oxidation of CO and diesel soot over Zr Doped CeO2 -Al2O3	Poster
76	EEEF-027	Shoaib Ahmed	Oxidative Coupling of Methane using Li/MgO Catalyst	Poster
77	EEEF-028	Diwakar Patel	Waste Corncob-Derived Activated Carbon for Supercapacitor Applications: Synthesis, Characterization, and Performance Evaluation	Poster

78	EEEF-029	Avinash Suryakant Mhetre	COMPUTATIONAL FLUID DYNAMIC STUDY FOR PREDICTION OF FILM THICKNESS IN VERTICAL FALLING FILMS: EFFECT OF KAPITZA NUMBER AND INLET VELOCITY	Poster
79	EEEF-033	Mansi tiwari	Development and Characterization of Eco-Friendly Lubricants from Madhuca Longifolia and Ricinus Communis Oils via a 3-Step Chemical Modification Process	Poster
80	EEEF-036	NIVEDITA JHA	Thermal Denitration of Ammonium Nitrate: A Sustainable Approach	Poster
81	EEEF-037	PUNIT SHARMA	Polystyrene Copper based Triboelectric Nanogenerators (TENGs) for sustainable Power solution	Poster
Theme: Hydrogen Production, Storage, and End-Use (HPSE)				
82	HPSE-001	Manshu Dhillon	Novel GO hoisted SnO2-BiOBr bifunctional catalyst for the remediation of organic dyes under the illumination of visible light and electrocatalytic water splitting	Oral/Poster*
83	HPSE-002	Dr. Harshawardhan Pol	Indigenous Bipolar Plate Development for Various Energy Applications	Oral/Poster*
84	HPSE-003	Madhura Deshpande	CFD simulations of two-phase flow in water electrolyzers for hydrogen generation	Oral/Poster*
85	HPSE-004	Phulladweepa Patra	Exfoliated Cobalt-Doped Manganese Oxide Nanosheets: An Efficient and Stable Electrocatalyst for Hydrogen Evolution Reaction in an Alkaline Medium	Oral/Poster*
86	HPSE-005	Dr. Shoroshi Dey	Tailoring the reactivity of CeO2 towards bi-functional electrocatalytic activity for efficient Overall Electrochemical Water Splitting	Oral/Poster*
87	HPSE-006	Vijay Kailas Vaishampayan	Bifunctional Nanofiber supported CuFe2O4 for Hydrogen and Oxygen Evolution Reactions	Oral/Poster*
88	HPSE-008	Dileep Kumar	Single-atom Cu doped TiO2 photocatalyst for Photocatalytic Hydrogen Generation	Oral/Poster*
89	HPSE-009	Dev Sankar Choudhuri	Morphology and phase-controlled synthesis of iron oxide nanoparticles and understanding their electrocatalytic activity	Poster
90	HPSE-010	G. Vishnu Tej	Spearheading Machine Learning Innovations to Optimize Proton Exchange Membrane Fuel Cells	Oral/Poster*
91	HPSE-011	Elvy Rena Braganca	Combustion-Synthesized $Ni_{0.75}Co_{0.25}Fe_2O_4$ Nanospinel: A Promising Electrocatalyst for Water Splitting and Energy Storage	Poster
92	HPSE-012	PRERNA TRIPATHI	Trifunctional Self-assembled Graphene-Metal Sulfide Electrodes for electrochemical reactions	Oral/Poster*
93	HPSE-013	Amit Kumar Verma	Upconversion Nanomaterial Integrated β-SiC Nanosystem for Efficient Hydrogen Production under Visible Light	Poster
94	HPSE-015	Ajith U K Nair	EXPERIMENTS AND SIMULATIONS ON A PROTOTYPE SWISS-ROLL COMBUSTOR FOR HYDROGEN PRODUCTION	Oral/Poster*
95	HPSE-018	Sujana Chandrappa	Crucial impact of dopant's valence state on visible-light induced H2 evolution of Ir-doped BaTiO3 photocatalyst	Oral/Poster*
96	HPSE-020	Arvind	Rice-husk derived Ni-doped Carbon as an Electrocatalyst for Hydrogen Evolution Reaction	Poster
97	HPSE-021	Sanya kamboj	Enhanced anion exchange membranes with Al-Li_2O nanoparticles improve conductivity, durability, and strength for electrolysis	Poster
98	HPSE-022	Kalki kamini .K	Modified CoFe2O4/Ti-SBA-15 bifunctional catalyst for photocatalytic water splitting	Poster

99	HPSE-025	Yukti Setia	EFFECT OF MoN/MoP2 INTERFACE FOR AN EFFICIENT CONVERSION OF ETHANOL TO VALUABLE PRODUCT	Poster
100	HPSE-026	Abhinav Dadhich	Fe-Doped Ceria as a cost effective electrocatalyst for efficient oxygen evolution reaction	Poster
101	HPSE-027	Dhakane Vishal Uttam	CFD Modeling of Hydrodynamics for Hydrogen Production in a Fluidized Bed Reactor of the Cu-Cl Cycle	Oral/Poster*
102	HPSE-028	Bhupendra Bairwa	Recovery of H2 from Industrial gases using Polyetherimide based membrane - An overview	Poster
103	HPSE-032	Ashwin Mekkad	PERFORMANCE EVALUATION OF HIGH TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELLS	Oral/Poster*
104	HPSE-033	Dr. Malaya Kumar Sahoo	Mo-MODIFIED Ni3N/Ni2S HETEROINTERFACE: A HIGH-EFFICIENCY CATALYST FOR SUSTAINABLE H2 AND SULFUR RECOVERY FROM Na2S SOLUTIONS	Oral/Poster*
105	HPSE-034	Rajasekar Saravanan	Development of (Zr1-xCexO2-δ) as internal reformable catalyst for SOFC fuel-electrode	Oral/Poster*
Theme: Renewable Chemicals and Energy (RCEN)				
106	RCEN-001	Dr. Taraknath Das	Pyrolysis of sawdust with Perovskite-type catalysts LaNixFe(1-x)O3/(Support) to produce Hydrogen-rich gas	Oral/Poster*
107	RCEN-003	NIVEDHITHA T R	Aqueous Glycerol to Glyceric acid and Green Hydrogen by Visible Light Driven Photocatalysis with Ni/Co(PO4)2-TiO2 : Parallel Utilization of Holes and Electrons	Oral/Poster*
108	RCEN-006	Dr N NARENDER	Eco-friendly one pot protocol for the Synthesis of alkyl levulinates from bioderived furfuryl alcohol using Oxone.	Poster
109	RCEN-008	Shivali Dhingra	Advancing Photocatalysis for Biomass Valorization in Synergism with Solar Fuel Production: A Sustainable Paradigm towards Circular Bio-economy	Oral/Poster*
110	RCEN-009	S Prabakaran	Computational Analysis of Swirl Gas Turbine Combustion for Turbulent Air and Oxy-Combustion of Ammonia/Kerosene Blends	Oral/Poster*
111	RCEN-010	Himanshu Raghav	Effect of Synergy on Selective Low-Temperature Dehydrogenation of Propane to Propylene over Defect-Induced Copper Titanium Catalyst	Poster
112	RCEN-011	Ravina	Boosting Hydrogen Evolution via CoIn2S4/MoSe2 Heterostructure for Efficient Photocatalysis	Poster
113	RCEN-013	Abhishek Pathak	Process Development for Selective Adsorption of Anacardic acid from Cashew Nut Shell Liquid (CNSL) on Ion Exchange Resin (IER)	Oral/Poster*
114	RCEN-014	Kirti	Leveraging the Cooperative Photocatalysis for the Concurrent Production of Solar Fuel and Value-added Chemicals: Mediated by the Metal-free Porphyrin-based Polymeric Framework	Poster
115	RCEN-015	Pranit Samanta	Production of Cyclohexylphenol in Liquid Phase: Impact of T-site Specific Dealumination of Zeolite Beta	Poster
116	RCEN-016	Thamizharasi P	Biodiesel Production from Transesterification of Jatropha oil with MeOH over K-CaO Supported on Mesoporous Carbon Catalyst	Poster
117	RCEN-017	Dr. Ranjit Kumar	Transfer Hydrogenation Reaction Using Ag Nanoparticles Supported on alpha-MnO2	Oral/Poster*
118	RCEN-018	Dr M Rama Krishna	Degradation of phenol using Dairy Biomass	Oral/Poster*
119	RCEN-019	Rinki	Development of metal and nitrogen doped carbon as cathode catalyst by urea-formaldehyde and jamun seed powder for power generation in single chamber MFC	Poster
120	RCEN-020	Abhishek Kumar	Sustainable Synthesis of Biomass Derived Porous Carbon using Microwave Energy for Next-Generation Energy Storage	Oral/Poster*

121	RCEN-021	Poorna Tyagi	Benzene-Rich Aromatics from Used Cooking Oil over Supported Zeolite	Poster
122	RCEN-023	Mayank Bahuguna	Economic Modified Rice Husk Biochar for Azo Dyes adsorption	Oral/Poster*
123	RCEN-024	Anish Kumar Mazumdar	Synthesis and Characterization of PdOx Nanoparticle Deposited TiO2 for Photocatalytic Nitrogen Reduction under Solar Light	Poster
124	RCEN-025	Nongmaithem Joyshree Devi	Removal of pharmaceutical impurities using magnetic biochar, an advanced material derived from biomass	Oral/Poster*
125	RCEN-028	Mridusmita Dutta	Enhanced the phenolic monomers in the bio-oil using hydrothermal liquefaction of rice straw with Ni/Kaolin catalysts.	Poster
126	RCEN-029	Nisha Rathi	METHANE-RICH GAS PRODUCTION THROUGH PYROLYSIS OF SAWDUST USING ACTIVATED BIOCHAR-BASED CATALYST	Poster
127	RCEN-030	Dr. Keshav Prasad Dabral	Life Cycle Assessment of a Single-Step Hydro-Processed Drop-In Sustainable Aviation Fuel Produced from Used Cooking Oil	Oral/Poster*
128	RCEN-031	Bijoy Biswas	Potassium carbonate base assist catalytic hydrothermal liquefaction of rice straw: Effects of process parameters on products yield and characterizations	Poster
129	RCEN-033	NGOMADE LEMOUPI SERGES BRUNO	Optimization at the pilot scale of enhanced biodiesel production from high FFA Podocarpus falcatus oil through simultaneous transesterification and esterification with zirconia-supported ZSM-5	Poster
130	RCEN-034	PATEL P ASHOK	Bioprospecting of novel thermophilic amylase-producing microorganism	Poster
131	RCEN-035	Preetanshika Tracy	Integrated microbe-based biorefinery for dual valorization of biomass and UCO into xylitol and lipase	Oral/Poster*
132	RCEN-037	Sakshi Manekar	Optimization of catalyst composition and process parameters for reductive depolymerization of lignin to produce aromatics.	Oral/Poster*
133	RCEN-038	Ekta Naik	Application of Response Surface methodology in the development of Eco-friendly biolubricants from Brassica carinata oil and its characterization	Poster
134	RCEN-039	Dr M Vimudha	Multi-layered cellulosic material from renewable resources for sustainable footwear applications	Oral/Poster*
135	RCEN-041	Janaki Komandur	Catalytic hydrodeoxygenation of bio-oil produced from co-pyrolysis of biomass and plastic waste	Oral/Poster*
136	RCEN-042	SADHNA SEMALTY	CATALYTIC SYNTHESIS OF SULFUR-BASED POLYMER VIA INVERSE VULCANIZATION METHOD	Poster
137	RCEN-043	Karan Sharma	Oxidative Desulfurization of Fuels using Deep Eutectic Solvents	Poster
138	RCEN-045	Kirtika Kohli	Eco-Friendly Sanitary Napkins from Invasive Biomass	Poster

*: Decision to oral or poster presentation will be communicated by 28th March