

Conference on Advances in Catalysis for Energy and Environment (CACEE-2018)

January 10-12, 2018

Tata Institute of Fundamental Research (TIFR), Mumbai

S.No.	Participant Name	Institute	Accommodation	Abstract Title
1	Aakash Mathur	IIT Indore	CETTM MTNL Guest House	Controlled surface modification and confinement induced enhanced photocatalytic activity of SiC for renewable energy and environmental remediation
2	Aarti Gautam	AMU, Aligarh	NA	CO ₂ conversion and separation using nano filtration.
3	Abdul Kaium Mia	SRM University, Kattankulathur	NA	Influence of Gas Adsorption on Surface Photovoltage in Pyrene based Tetratopic Ligands-ZnO Nanohybrids using Scanning Kelvin Probe
4	Abhijit Mahanta	Tezpur University	NA	Reducing agent free synthesis of PdNPs decorated on Mont. K 10 and its implication in a Suzuki type cross coupling reaction in water
5	Abhijit Mondal	TIFR, Mumbai	NA	Modified Cytochrome P450 for catalytic reaction of benzimidazole and analogues
6	Abhishek Dadhania	Charotar University of Science and Technology	CETTM MTNL Guest House	Magnetic nanoparticle supported acidic ionic liquid catalyzed Friedlander reaction: A facile approach for the synthesis of quinolines and fused polycyclic quinolines
7	Abhishek Dubey	Institute of Chemical Technology Mumbai	NA	A bioinspired magnetically recoverable Palladium nanocatalyst for Suzuki cross-coupling reaction
8	Adarsh Kumar	IIP, Dehradun	CETTM MTNL Guest House	Synthesis of Ru loaded Y-zeolite catalyst for hydrodeoxygenation of m-cresol
9	Aditi Halder	IIT, Mandi	NA	NA
10	Ajay Kothari	Reliance Industries Limited	NA	Effect Of Electron Donor On The Performance Of Chromium Catalyst System For Oligomerization Of Ethylene.
11	Ajay Kumar	IIT, Mandi	CETTM MTNL Guest House	Controlling The Kinetics Of Visible Light Induced Photocatalytic Activity Of Au-gC ₃ N ₄ Nanocomposites By Using Different Proteins.
12	Akshay Salkar	Goa University	CETTM MTNL Guest House	NA
13	Amal A. Muftah Muftah	Y. M. College, Pune	NA	NA
14	Amarja Naik	Goa University	CETTM MTNL Guest House	Enhanced photocatalytic degradation of Amaranth dye on mesoporous anatase TiO ₂ : evidence of C-N, N=N bond cleavage and identification of new intermediates
15	Amit Mishra	TIFR, Mumbai	NA	NA
16	Anindya Sundar Patra	IIT, Guwahati	CETTM MTNL Guest House	Electronic Structure Modification Of Lanthanum Manganite By Ruthenium Doping For Robust Photocatalytic Water Oxidation

17	Anirban Samanta	Ramakrishna Mission Vidyamandira	CETTM MTNL Guest House	Enzymatic Acceleration on Quantum Dot Cluster, Self-Assembled on a DNA Tetrahedral Nanocage
18	Ankita Mathur	IIT Mandi	CETTM MTNL Guest House	Multitudinous Roles of Glucosamine hydrochloride as Nitrogen Precursor towards Oxygen Reduction Reaction in Iron based catalysts
19	Anku Guha	TIFR, Hyderabad	CETTM MTNL Guest House	NA
20	Anupam Samanta	TIFR, Mumbai	NA	NA
21	Anurag Kumar	IIP, Dehradun	NA	Photochemical Oxidative Coupling of 2-Naphthols using in situ rGO/MnO ₂ Hybrid Nanocomposite under Visible Light Irradiation.
22	Anurag Mishra	Reliance Industries Limited	NA	New Titanium and Zirconium Complexes with Amide Containing Ligand: Syntheses, Structures and Polymerization Behaviour
23	Arjun C H	JNCASR, Bengaluru	CETTM MTNL Guest House	Dimethyl Ether Synthesis by CO ₂ Reduction on Novel Bifunctional Catalyst
24	Arkaprabha Giri	IISER, Bhopal	CETTM MTNL Guest House	NA
25	Arnab Das	TIFR, Mumbai	NA	Quest for a novel Cd-MOF for water oxidation
26	Arti Joshi	INST, Mohali	CETTM MTNL Guest House	NA
27	Arunmetha Sundaramoorthy	Anna University	NA	S-TiO ₂ and FeTiO ₃ Nanostructured Photoanodes for Enhanced Photovoltaic and Solar Water Splitting
28	Ashish Bahuguna	IIT, Mandi	CETTM MTNL Guest House	MoS ₂ - gC ₃ N ₄ Nanocomposite As Facile, Heterogeneous And Highly Efficient Green Catalyst For Organic Transformation Reactions
29	Ashish Kumar	IIT, Mandi	CETTM MTNL Guest House	Role Of Ti ³⁺ Sites And Oxygen Vacancies In Enhancing The Photocatalytic Activity Of Perovskite CaTiO ₃
30	Ashish Verma	IIT, Kanpur	NA	Chiral Cd(II) metal organic framework from achiral ligand by spontaneous resolution: Efficient heterogeneous catalyst for Strecker reaction of ketones
31	Ashish Yengantiwar	Fergusson College, Pune	NA	Efficient Water Reduction Of CuFeO ₂ Thin Films By Chemical Vapor Deposition
32	Ashutosh Kumar	IIT BHU, Varanasi	CETTM MTNL Guest House	One pot synthesis of nano-NiCo ₂ O ₄ /CeO ₂ catalyst for renewable hydrogen generation
33	Astha Shukla	IIP, Dehradun	CETTM MTNL Guest House	Synthesis of highly active Pd nanoparticle supported iron oxide nanocrystals for organic transformations
34	Atul Kulal	CSIR-NCL, Pune	NA	Hydrophobic WO ₃ /SiO ₂ catalyst for the liquid phase nitration of aromatics
35	Atul Wankhade	VNIT, Nagpur	CETTM MTNL Guest House	NA
36	Avani Chunduri	University of Mumbai	NA	Cobalt-Iron-Boride (Co-Fe-B) as an active nanocatalyst for hydrogen evolution reaction in both neutral and alkaline water
37	Ayan Maity	TIFR, Mumbai	NA	Dendritic Fibrous Nano-Aluminosilicates: Design, Synthesis and Application in Catalysis
38	Ayan Maity	TIFR, Mumbai	NA	Highly Monodisperse Dendritic Fibrous Nanosilica (DFNS): Sustainable Protocol Quantified by E-Factor and Their Applications in Light Harvesting Photonic Crystals
39	Ayan Maity	TIFR, Mumbai	NA	Chemistry of Formation of Dendritic Fibrous Nanosilica by Electron Microscopy and SAXS Study

40	Balasaheb Chandanshive	TIFR, Mumbai	NA	Morphological studies of Hydroxyapatite Nanostructures as a drug delivery device.
41	Baljeet Singh	TIFR, Mumbai	NA	Synthesis of 2D Silica Nanosheets Using KCC-1 Synthetic Protocol and Its Application in CO ₂ Capture
42	Baljeet Singh	TIFR, Mumbai	NA	Design and Synthesis of Carbon Nanocages with Tunable Pore and Particle Size using KCC-1 as Hard Template
43	Bandhana Devi	IIT, Mandi	CETTM MTNL Guest House	Poly-carboxyl decorated Fe (III) based xerogel derived multifunctional composite material (Fe ₃ O ₄ /Fe/C) as an efficient electrode material towards oxygen reduction reaction and supercapacitor application.
44	Bappi Paul	IIP, Dehradun	NA	Catalytic Oxidation of Aniline to Azoxybenzene over Ag/Fe ₂ O ₃ Catalyst Using H ₂ O ₂ as an Oxidant
45	Bilal Masood Pirzada	INST, Mohali	NA	Enhanced Stability and Photocatalytic performance over LaFeO ₃ /Ag ₂ CO ₃ Heterostructure Nanocomposites
46	Brundabana Naik	SOA University, Bhubaneswar	NA	Facile Fabrication of BiVO ₄ / gC ₃ N ₄ and MoS ₂ Nanocatalysts Decorated with Gold Nanoparticle for Photocatalytic Application
47	Charu Seth	TIFR, Mumbai	NA	Beyond the Conventional Hybrid Perovskites
48	Debananda Mohapatra	TIFR, Mumbai	NA	Post-graphene Era: 2D Layered Transition Metal Dichalcogenides For Energy Storage Application
49	Debashrita Sarkar	IISER, Kolkata	NA	Design of flower like Bi ₂ SiO ₅ microparticles and its application in water purification
50	Deepak Kumar Chauhan	INST, Mohali	CETTM MTNL Guest House	NA
51	Deepika Rani	INST, Mohali	CETTM MTNL Guest House	Excellent activity towards chemical fixation of CO ₂ by Metal-Organic Polymers based on trimesic acid
52	Devthade Vidyasagar	VNIT, Nagpur	CETTM MTNL Guest House	Silver/Silver (II) oxide (Ag/AgO) loaded graphitic carbon nitride microspheres: An effective visible light active photocatalyst for degradation of acidic dyes and bacterial inactivation
53	Dhanalakshmi Jayaraman	SSN, Chennai	CETTM MTNL Guest House	Screening of Ionic Liquids for CO ₂ Capture Process using COSMO-RS Model
54	Dinesh Kumar	GGs Indraprastha University, Delhi	CETTM MTNL Guest House	Methanol conversion to olefin on oxalic acid treated Al/MCM-41 in a fixed bed reactor
55	Disha Jain	IISc, Bangalore	CETTM MTNL Guest House	Carbon dioxide Reforming of Methane over Ce ₂ M ₂ O ₇ catalysts
56	Gandamalla Ambedkar	NIT, Warangal	NA	Synthesis and characterization of mesoporous gC ₃ N ₄ /CeO ₂ nanocomposites with improved photo catalytic activity on Methylene Blue dye degradation under visible light
57	Garima Jaiswal	CSIR-NCL, Pune	NA	Heterogenous manganese metal catalyzed hydrogenation of Nitro compounds
58	Gaurangi Gogoi	IIT, Guwahati	CETTM MTNL Guest House	Efficient Charge Transfers In A Noble Metal Free Hybrid Of gC ₃ N ₄ And MoS ₂ Integrated Onto Cd _{0.5} Zn _{0.5} S Promoting Enhanced Photocatalytic Activity
59	Gaurav Bartwal	University of Delhi	NA	Nickel Boride mediated chemoselective deprotection of 1,1-diacetates
60	Gautam Kumar Sarma	Rajiv Gandhi University, Arunachal Pradesh	CETTM MTNL Guest House	Synthesis and application of Mg/ Al Layered Double Hydroxide (LDH) for removal of aqueous fluoride

61	Gayatri Gaikwad	P. J. L. College of Engineering, Nagpur	CETTM MTNL Guest House	Designing visible light harvesting core/shell model: TiO ₂ /CoSe photocatalyst
62	Gitika Rani Saha	IIT(ISM), Dhanbad	CETTM MTNL Guest House	Catalytic CO ₂ Hydrogenation to Methanol Production
63	Gongutri Bora	CSIR-NEIST, Assam	NA	Synthesis of Indole and Oxindole from Aniline via Ir(III)-Catalyzed Carbenoid Functionalization
64	Gouri Tudu	IISER Kolkata	NA	Poly(ionic liquid)-Capped Luminescent Nanocrystals for the Selective Detection of Heavy Metal Ions
65	Gunjan Purohit	University Of Delhi	CETTM MTNL Guest House	Sustainable synthesis of nanomaterial and their catalytic potential for one pot multicomponent reactions
66	Gurmeet Singh	IIP, Dehradun	NA	NA
67	Hariprasad Narayanan	IIT, Madras	CETTM MTNL Guest House	On the Role of Surface Functionalities in the Photon-Assisted Reduction of Carbon Dioxide over Graphitic Carbon Nitride (g-C ₃ N ₄) Surfaces
68	Harpreet Kaur	IIT, Mandi	CETTM MTNL Guest House	Cd-based Multifunctional Metal-organic Framework For Iodine Capture And Catalysis
69	Harshad Patil	Reliance Industries Limited	NA	Effect of Nanosilica Dispersed Nucleating Agent On Crystallization Of PP
70	Harshita Baranwal	University of Lucknow	NA	NA
71	Hemant Kumar Verma	National Physical Laboratory, Delhi	CETTM MTNL Guest House	Effect of Co-doping on the photocatalytic activity of ZnO nanorods
72	Honey Mary Joseph	CUSAT, Cochin	CETTM MTNL Guest House	Visible light driven photocatalytic selective organic transformations using CNT incorporated TiO ₂ systems
73	Ishani Khurana	CFEES-DRDO, Delhi	NA	Efficiency Of Chemically Modified Graphene Oxide For The Removal Of Explosives From Water
74	Jaini Nagar	TIFAC-SCET, Surat	CETTM MTNL Guest House	Application of ZnO Nanoparticles (Multiple forms) for wastewater treatment
75	Jaspal Singh	GGs Indraprastha University, Delhi	CETTM MTNL Guest House	Au-TiO ₂ plasmonic nanohybrid for efficient photocatalytic degradation of organic dyes
76	Jinal Thakkar	M S University of Baroda	NA	Reusable, Cheap and highly sensitive Enzyme-Carbon nanotube based amperometric detection of organophosphorous pesticide
77	Kamal Kumar Paul	IIT, GUWAHATI	CETTM MTNL Guest House	Solar Light Driven Photo-electrocatalytic Hydrogen Evolution by Pd Nanoparticle Decorated CuO Nanocrystal/TiO ₂ (B) Nanobelt Heterostructure
78	Kapil Mohan Saini	University of Delhi	NA	Ag(I)-Catalyzed Cycloisomerization Reactions: Synthesis of Substituted Phenanthrenes and Naphthothiophenes
79	Kashyap Jyoti Tamuli	CSIR-NEIST, Assam	NA	An Efficient Ru-Catalyzed Alkyne Homocoupling Reaction under Microwave Irradiation
80	Kishore Kumar Mayuranathan	IIT, Madras	NA	Bismuth based oxide materials for SOFC anodes
81	Krishna Vishwakarma	TIFR, Mumbai	NA	NA
82	Kshama Sharma	TIFR, Hyderabad	NA	Mechanistic insight into catalytic activity of a shaped aluminum Metal Organic Framework: Influence of crystal structure and aluminum active sites
83	Kunal Pednekar	TIFR, Mumbai	NA	NA
84	Lalita Sharma	IIT, Mandi	CETTM MTNL Guest House	Kinetic Investigation Of Hydrogen Evolution Reaction By Ni And NiMoO ₂ Supported On Reduced Graphene Sheets

85	Larionette P L Mawlong	IIT, Guwahati	CETTM MTNL Guest House	Solar Light Driven Enhanced Photocatalysis by CVD Grown Monolayer MoS ₂ Film on TiO ₂ Nanorods Array
86	Leena George	TIFR, Mumbai	NA	Design of Tantalum Oxide Coated Fiber Density Controlled Dendritic Fibrous Nanosilica for Sustainable Catalysis
87	Mahak Dhiman	TIFR, Mumbai	NA	Catalysis at Sub-Nanometer Scale: Pseudo-Single Atoms of Gold and Platinum on Dendritic Fibrous Nanosilica (DFNS)
88	Mahak Dhiman	TIFR, Mumbai	NA	Plasmonic Catalysis by Hot-Spot Engineering in Gold Coated Dendritic Fibrous Nanosilica (DFNS)
89	Mahendra Patil	Institute of Chemical Technology, Mumbai	NA	Ruthenium nanoparticle supported supramolecule based catalyst for aerobic oxidation of alcohol in aqueous medium: Further tuned for one pot oxidation and reduction switchable transformation using same catalyst.
90	Manideepa Sengupta	University of Kalyani, West Bengal	NA	Selective Heterogeneous Hydroamination over Cu/Cu ₂ O Nanoparticle Interface
91	Manoj K. Ghosal	CSIR-NCL, Pune	NA	Subtle and Unique Interaction of Ag + O ₂ : NAP-UPS investigations
92	Manoranjan Kumar	IIP, Dehradun	NA	NA
93	Mayank Gupta	IIT, Kanpur	NA	From Zn(II)-Carboxylate to Double Walled Zn(II)-Carboxylate Phosphate MOF: Change in the Framework Topology, Capture and Conversion of CO ₂ , and Catalysis of Strecker Reaction
94	Md. Waseem Hussain	IISER, Bhopal	CETTM MTNL Guest House	Microporous Organic Polymers Involving Thiadiazolopyridine For High And Selective Uptake Of Greenhouse Gases At Low Pressure
95	Meena Yadav	IIT, BHU	CETTM MTNL Guest House	Methyl transesterification of Schleichera oleosa oil as feedstock using potassium aluminum oxide as effective catalyst
96	Mehali Mehta	TIFAC-SCET, Surat	NA	NA
97	Mohd Taher	TIFR, Mumbai	NA	Biocatalytic hydroxylation of alkanes using thermostable cytochrome P450 enzyme CYP175A1
98	Mrinal Pai	BARC, Mumbai	NA	Ethylene Glycol Mediated Synthesis of TiO ₂ Enhanced Photocatalytic Activity under Sunlight
99	Muthuraja P	Alagappa University Karaikudi, Tamil Nadu	CETTM MTNL Guest House	Palladium catalyzed Synthesis of thienopyridines derivatives
100	Naveen Kumar Veldurthi	IISc, Bangalore	CETTM MTNL Guest House	Cocatalyst free Z-schematic enhanced H ₂ evolution over LaVO ₄ /BiVO ₄ composite photocatalyst using Ag as an electron mediator
101	Nazia Siddiqui	IIP, Dehradun	CETTM MTNL Guest House	Hydrogenation of 5-hydroxymethylfurfural to 2, 5 dimethylfuran over nickel supported tungsten oxide nanostructured catalyst
102	Noopur Jain	IISc, Bangalore	NA	Pt dispersed on alpha and beta MnO ₂ : Insights into phase formation and CO oxidation activity
103	Parimal Parikh	SV National Institute of Technology, Surat	NA	NA
104	Pavul R Raj	IIT, Madras	CETTM MTNL Guest House	Electrochemical Performance of Novel Mesoporous LiFePO ₄ /(CMK-8) Composite in Aqueous Electrolyte
105	Payal Joshi	SVKMs NMIMS University, Mumbai	NA	NA

106	Prabhakar Reddy Kasala	CSIR-NCL, Pune	NA	Metallic Cobalt to Spinel Co ₃ O ₄ : Electronic Structure Evolution by Near-Ambient Pressure Photoelectron Spectroscopy
107	Prabhakar Shrivastava	VNIT, Nagpur	NA	Catalase immobilization on Silica@Cobalt Ferrite for catalysis
108	Pradeep Kumar	University of Delhi	NA	Chemoselective Azidation of <i>o</i> -Alkynylaldehydes over [3+2] Cycloaddition and Subsequent Staudinger Reaction: An Access to Benzonaphthyridines/Naphthyridines
109	Pradeepta Babu	Siksha 'o' Anusandhan University, Odisha	CETTM MTNL Guest House	NA
110	Pradip Tekade	Jankidevi Bajaj College of Science, Wardha	CETTM MTNL Guest House	Strengthening of Supercapacitive Properties of Graphene Oxide-Polyaniline Composite by Dispersion of α -Al ₂ O ₃ Nanoparticles
111	Prakash Rathod	SPPU, Pune	NA	Polyvinyl benzylchloride and Polyacrylic acid Encapsulated Magnetically Retrievable Nanocatalysts for controlled Heck Coupling Reaction
112	Prakash Sahoo	Indian Oil R&D Indsutry	NA	Bio-mimetic CO ₂ capture: Role of matrix for stabilization of carbonic anhydrase
113	Pranay Morajkar	Goa University	CETTM MTNL Guest House	NA
114	Prasad Vs	IISER, Trivandrum	CETTM MTNL Guest House	Superior Electrocatalytic HER Performances of Oxygen incorporated WS ₂ Nanoclusters
115	Pravin Shinde	NCL, Pune	NA	Tuning the Surfaces of Mesoporous Silica Nanoparticles
116	Priya Arora	Dr. B R Ambedkar National Institute of Technology, Jalandhar	NA	H ₄ [W ₁₂ SiO ₄₀] and capsaicin modified core-shell SPIONs: Excellent catalysts for the synthesis of various pyrazole derivatives
117	Purna Kanta Boruah	CSIR-NEIST, Assam	NA	Recyclable Magnetic Metal Oxide/Graphene Nanocomposites Synthesis for the Photocatalytic Removal of Water Contaminants Under Sunlight Irradiation
118	Pushpendra	INST, Mohali	CETTM MTNL Guest House	Synthesis of MgCo ₂ O ₄ Nanomaterials by Citrate-gel Method for Biomimetic Water Oxidation
119	Rahul Purbia	NIT, Rourkela	CETTM MTNL Guest House	Morphology Controlled Synthesis of Ag/TiO ₂ Plasmonic Photocatalyst
120	Rajesh Belgamwar	Dr. Ambedkar College, Nagpur	NA	NA
121	Rajinder Kumar	INST, Mohali	CETTM MTNL Guest House	Nano-structured Materials Synthesized from Transition Metal Carbides / Nitrides for Electrocatalytic Applications
122	Ramiz Sheikh	TIFR, Mumbai	NA	Bio-Nanoconjugation of Mutant Cytochrome P450cam For Biocatalysis
123	Ranjita Das	VNIT, Nagpur	CETTM MTNL Guest House	Synthesis and characterization of ZrO ₂ @GO nanocomposite: The visible light active photocatalyst for Rh-B degradation.
124	Ranjith P	IISER, Trivandrum	CETTM MTNL Guest House	Electrochemically exfoliated few-layered phosphorene quantum dots as an efficient catalyst for Oxygen Evolution Reaction
125	Rashmi Kumari	IIT(ISM), Dhanbad	CETTM MTNL Guest House	Dry reforming of Methane over Nickel based catalyst
126	Ravishankar Kadam	Institute of Chemical Technology, Mumbai	NA	Organosilane Oxidation by Dendritic Fibrous Nanosilica (DFNS) Supported Silver
127	Reni George	Cochin University of Science and Technology, Kochi	CETTM MTNL Guest House	Bovine liver catalase immobilized on MCF (Mesocellular Foam) for bio-degradation of phenol

128	Rimzhim Gupta	IISc, Bangalore	NA	New insights into morphological effect of zinc oxide in ZnO-CdS-Ag ternary nanocomposite towards photocatalytic inactivation of E. coli under UV and visible light
129	Rishi Gupta	IIP, Dehradun	CETTM MTNL Guest House	Mitigation of biogas over Ni-Co nano composites for production of syngas
130	Ritu Rai	INST, Mohali	CETTM MTNL Guest House	NA
131	Rohan Kunkalekar	Parvatibai Chowgule College, Goa	CETTM MTNL Guest House	Synthesis of Nano-Catalysts by Facile Route for Sustainable Hydrogen Generation from Alkaline Sodium Borohydride Solution
132	Ruchi Jain	CSIR-NCL, Pune	NA	Olefin oxidation on morphology dependent spinel cobalt oxide catalysts
133	Ruchika Tanwar	GGs Indraprastha University, Delhi	CETTM MTNL Guest House	Enhanced Visible Light Photocatalytic Degradation of Toxic dyes on BiOCl modified by Ferrite-Polymer
134	Rustam Singh	TIFR, Mumbai	NA	Dendritic Fibrous Nanosilica Supported Gold Nanoparticles (DFNS/Au) as an Artificial Enzyme
135	Rustam Singh	TIFR, Mumbai	NA	Visible Light Assisted Water Splitting Using Plasmonic Au/TiO ₂ Supported On Dendritic Fibrous Nano-Silica (DFNS)
136	S.V.N. Pammi	Chungnam National University, South Korea	CETTM MTNL Guest House	Resistive Switching Properties of Pure and Doped MAPbI ₃ Thin Films by Chemical Vapor Deposition Method.
137	Sachin Sharma	IIP, Dehradun	CETTM MTNL Guest House	Methanol synthesis from carbon dioxide and hydrogen over modified Cu/ZnO/MgO promoted catalyst
138	Sachin Wadhai	Savitribai Phule Pune University	CETTM MTNL Guest House	Improved Photochemical Activity of CdTiO ₃ -TiO ₂ Nanocomposite towards Hydrogen Evolution and Dye Degradation
139	Sadhan Jana	IISER, Bhopal	CETTM MTNL Guest House	Visible-Light-Induced Oxidant and Metal-Free Dehydrogenative Cascade Trifluoromethylation and Oxidation of 1,6-Enynes with Water
140	Saikumar M	National Institute of Technology-Warangal	NA	A facile one pot green synthesis of bimetallic Ag/Au deposited graphene and its improved photocatalytic H ₂ evolution under solar light irradiation from water splitting.
141	Sanjay Kokane	Savitribai Phule Pune University	CETTM MTNL Guest House	Rapid mass production of ultrafine ZnS nanocrystals supported rGO as promising material for photocatalysis application
142	Sanjeev Gupta	IIT, Madras	CETTM MTNL Guest House	Photocatalytic Hydrogen Evolution over Novel Ordered Mesoporous Titania (TMF-108)
143	Sankar Das	S N Bose National Center for Basic Sciences, Kolkata	CETTM MTNL Guest House	Hierarchical Flower-Like MnO ₂ Nanostructures: Efficient Catalyst for Waste Water Treatment
144	Sankeerthana Bellamkonda	IIT, Madras	CETTM MTNL Guest House	Graphitic Carbon Nitride: An Efficient Photocatalyst for Fuel Generation from Water
145	Shiv Kumar	University of Delhi	NA	Chemoselective Oxidative Esterification and Iodocyclization of Hydroxyalkynyl Aldehydes
146	Shobha Waghmode	Abasaheb Garware College, Pune	CETTM MTNL Guest House	Bimetallic Nanoparticle Assisted Suzuki and Heck C-C Coupling Reactions
147	Shreeya Bhonge	Abasaheb Garware College, Pune	NA	NA
148	Shreya Sarkar	JNCASR, Bengaluru	NA	Evolution of Dealloyed PdBi ₂ Nanoparticles as Electrocatalysts with Enhanced Activity and Remarkable Durability in Hydrogen Evolution Reaction
149	Shrikrishna Dattatraya Sartale	Savitribai Phule Pune University	CETTM MTNL Guest House	NA

150	Shruti Gupta	University of Delhi	CETTM MTNL Guest House	Phosphine mediated synthesis of novel triphenylphosphanylidene -7,9-diazaspiro[4.5]dec-1-ene-2-carboxylates
151	Shubhadeep Adak	IIP, Dehradun	NA	NA
152	Shweta Pawar	Institute of Chemical Technology, Mumbai	NA	Polydopamine as an organocatalyst for the biomimetic synthesis of benzimidazoles and quinoxalines
153	Shwetha Shetty	IISc, Bangalore	NA	Tuning the surface oxygen vacancies in SrTiO ₃ nanocubes for efficient electrocatalysis
154	Simanta Kundu	Shibpur Dinobundhoo Institution Howrah, WB	CETTM MTNL Guest House	High Surface Area Silica Supported Photocatalyst for UV and Visible Light Active Photocatalytic Hydrogen Generation
155	Sindhuja Dharmalingam	NIT, Tirichirappalli	CETTM MTNL Guest House	Polymer bound Cu(I) complexes catalyzed synthesis of imines
156	Sivagami Rajaram	NIT, Tirichirappalli	CETTM MTNL Guest House	Excellent Catalytic Activity of Magnetically Recoverable Fe-Pt-MWCNT Nanocomposite Towards Asymmetric Transfer Hydrogenation of Aromatic Ketones
157	Sk Manirul	Islam University of Kalyani, West Bengal	NA	Design and synthesis of functionalized porous materials and their catalytic applications
158	Smita Majumder	NERIST, Arunachal Pradesh	NA	Synthesis and Some Properties of Magnesium tetrakis(4-sulphonatophenyl)porphyrin in the Presence of Lipids, CO ₂ and Pseudohalides
159	Sonali Bhandari	Shree Guru Gobind Singh Tricentenary University	NA	Spectroscopic Techniques used to Probe Transesterification Reaction
160	Sonika Jain	University of Lucknow	CETTM MTNL Guest House	NA
161	Sonu Bhandari	IIP, Dehradun	CETTM MTNL Guest House	NA
162	Soumendu Roy	IISER, Pune	CETTM MTNL Guest House	Revealing the Role of Electrostatics in Gold-Nanoparticle-Catalyzed Reduction
163	Soumini C	CUSAT, Cochin	NA	Nano gold doped ceria modified mesoporous SBA-15 for the catalytic reduction of para nitro phenol
164	Soumyabrata Roy	JNCASR, Bengaluru	CETTM MTNL Guest House	Novel Catalysts for Enhanced Thermocatalytic CO ₂ conversion to Methanol: An Approach Towards Commercialization of Advanced CO ₂ Conversion Technology
165	Sourav Ghosh	IISER, Kolkata	NA	Textural Engineering Approach of Mesoporous Copper Oxide for CO Oxidation
166	Sourav Khan	IIT, Madras	CETTM MTNL Guest House	Facile Synthesis of Ordered Mesoporous Zirconia and Ceria-Zirconia
167	Sreekanth Narayanaru	TIFR, Hyderabad	CETTM MTNL Guest House	Doped Graphene for Electrocatalytic CO ₂ Reduction Reaction
168	Srishti Rawat	University of Delhi	CETTM MTNL Guest House	CuO @ Fe ₂ O ₃ NPs catalyzed C1-alkynylation of tetrahydroisoquinolines under green conditions
169	Subhajyoti Samanta	IIT, Ropar	CETTM MTNL Guest House	Thermal Catalysis vs. Photocatalysis: A Case Study with FeVO ₄ /g-C ₃ N ₄ Nanocomposites for the Efficient Activation of Aromatic and Benzylic C-H Bonds to Oxygenated Products
170	Subhasis Das	IIP, Dehradun	NA	Ni-Co over nanoparticles over modified mesoporous silica towards efficient reforming of methane
171	Sudarsanam Putla	KU Leuven, Belgium	NA	Manganese Oxide Dispersed CeO ₂ Nanorods for Solvent-free, Aerobic Oxidative Coupling of Amines to Valuable Imine Products

172	Sujoy Bandyopadhyay	IISER, Bhopal	CETTM MTNL Guest House	Conjugated Porous Organic Polymers: Potential Testbed for Fluorescence-based Sensing, Photocatalysis and Energy Storage
173	Sumit Bawari	TIFR, Hyderabad	CETTM MTNL Guest House	Mapping the Hydrogen Evolution Reaction in Graphene-hBN van der Waals Heterostructures
174	Suneel Kumar	IIT, Mandi	CETTM MTNL Guest House	Multifunctional Ternary Nanocomposites Of ZnO-MoS ₂ -rGO: A Highly Efficient Heterogeneous Catalyst With Remarkably Enhanced Sunlight Driven Photocatalytic Hydrogen Evolution
175	Suresh Bandi	VNIT, Nagpur	CETTM MTNL Guest House	α -Fe ₂ O ₃ /rGO Nanocomposites for Gas Sensing Applications
176	Surya K. Vatti	IIT, Madras	CETTM MTNL Guest House	Photocatalytic Degradation of 4-Chlorophenol over Novel Ordered Mesoporous Titania (TMP-123)
177	Sushma Rawool	BARC, Mumbai	NA	NA
178	Swapnil Warkhade	VNIT, Nagpur	NA	Designing visible light harvesting core/shell model: TiO ₂ /CoSe photocatalyst
179	Syamsai Ravuri	VIT University, Vellore	CETTM MTNL Guest House	Synthesis and investigation of 2D-Molybdenum carbide MXene sheets for electrochemical energy storage
180	Tandava V Siva Rama Krishna	Indian Institute of Chemical Technology, Hyderabad	NA	Three-Dimensional ZnIn ₂ S ₄ /g-C ₃ N ₄ /Graphene Heterojunction Nanocomposite with Enhanced Visible-Light Photocatalytic Activity for H ₂ production from water splitting
181	Tanmoy Biswas	IISER, Kolkata	NA	Dicationic ionic liquid based heterogeneous polymeric catalyst: Efficient CO ₂ fixation under ambient condition
182	Tanya Gupta	National Institute of Standards and Technology, Gaithersburg	CETTM MTNL Guest House	Challenges in Imaging/spectroscopy of materials and processes in liquid environment
183	Topi Ghosh	IIT, Indore	CETTM MTNL Guest House	Benign approach for methyl-esterification of oxygenated organic compounds using TBHP as methylating and oxidizing agent
184	Tushar Sakpal	University of Twente, Netherlands	NA	Structure dependent activity of CeO ₂ supported Ru for CO ₂ methanation
185	Umesh Nakate	SPRC, CBNU, Jeonju, Korea	NA	Solution processed NiO nanoplates for improved hydrogen gas sensor application
186	Upasana Gulati	University of Delhi	CETTM MTNL Guest House	Development of Copper Nanocatalysts for Decarboxylative Organic Coupling Reactions
187	Vasanthakumar Punitharaj	NIT, Tiruchirappalli	CETTM MTNL Guest House	Non-Precious Metal Based MOF's as Transfer Hydrogenation Catalyst
188	Venkata Dasireddy	National Institute of Chemistry, Slovenia	CETTM MTNL Guest House	Pathways for biomass-derived lignin to hydrocarbon fuels
189	Venugopala Rao Battula	INST, Mohali	CETTM MTNL Guest House	Metal-free Graphitic Carbon Nitride for the Selective Synthesis of Imines through Dehydrogenative condensation of Benzyl alcohol with Amine in Visible Light
190	Vijay Kumar	Institute of Chemical Technology, Mumbai	NA	Formation of Cu ₂ O-Cyclodextrin Nano Superstructures during Aerobic Oxidation of Alcohols under Aqueous Conditions and their Catalytic use: A Simultaneous Catalysis and Metal Waste Valorisation (SCMWV) Method
191	Vijay Yadav	Institute of Chemical Technology, Mumbai	NA	'Salzyme' – Enzyme mimicking metal salt as an alternative catalyst for organic synthesis.
192	Vilas Phapale	Reliance Industries Limited	NA	Novel internal donor development for propylene polymerization

193	Vinay Thakur	Mumbai University	NA	NA
194	Vinod Kumar	Kirori Mal College, University Of Delhi, Delhi	NA	Exploration of doped SnO ₂ nanocrystals for H ₂ generation
195	Vitthal Saptal	Institute of Chemical Technology, Mumbai	NA	Bifunctional Ionic Liquids Derived from Biorenewable Sources as Sustainable Catalysts for Fixation of Carbon Dioxide
196	Vivekanand Sharma	IIT, Kanpur	NA	Cu(II)-MOF Showing High Capacity CO ₂ Gas Adsorption and Capable of Fixing CO ₂ From Air
197	Vrushali Joshi	Goa University	CETTM MTNL Guest House	Pt-Decorated MWCNTs-Ionic Liquid Composite-Based Hydrogen Peroxide Sensor to Study Microbial Metabolism Using Scanning Electrochemical Microscopy
198	Yogesh Jadhav	Savitribai Phule Pune University	CETTM MTNL Guest House	Band Gap and Band Edge Engineering in Cu ₂ Zn _x Fe _{1-x} SnS ₄ Alloy Nanocrystals for Thin Film Solar Cell Applications
199	Yukti Arora	TIFR, Mumbai	NA	Tale of BiVO ₄ as an Energy Storage Material
200	Zubair Ahmed	INST, Mohali	CETTM MTNL Guest House	NA

Poster Dimensions

Poster dimension will be 33 inches (Width) by 46 inches (Height).

Reaching TIFR

[If you are staying in CETTM CETTM MTNL guest house:](#)

Buses for TIFR venue will depart from main gate at 7 am sharp. If you miss the bus, kindly make your own arrangements to reach TIFR.

[If you are coming from airport:](#)

TIFR is at the southern end of Mumbai. It is about 25 km from the domestic airport and 30 km from the international airport.

Prepaid taxis are available from the airports. One can also use cabs like Meru, Tab, etc. Their booths are inside the terminal. Ola is also available via app booking.

On the way from the airport to TIFR, one can take the sea-link between Bandra and Worli to avoid some traffic. Ask the driver to do so, for this you will have to pay a toll of ~ Rs. 65 which is not covered in the pre-paid fare.

[If you are coming from train station:](#)

Two railway stations, CST (Victoria Terminus, VT) or Church Gate is about 5 km away. Take a taxi from there (no autos are allowed in this area) and ask driver for Navy Nagar, Colaba, and TIFR is at the end of the road after the bus stop terminus in Navy Nagar.

For directions to TIFR, ask for Navy Nagar, Colaba, and TIFR is at the end of the road after the bus stop terminus in Navy Nagar.

Reaching CETTM Guest House

[Address](#)

Center For Excellence in Telecom Technology And Management (CETTM) Also commonly known as CETTM MTNL Training Hostel Office of the Chief General Manager (Training), CETTM, CETTM MTNL, Technology Steet, Hiranandani Gardens, Powai, Mumbai-400076

[Phone\(s\)](#)

+912225704466/45

[Website](#)

<http://cettm.CETTM MTNL.in/>

CETTM Hostel (CETTM MTNL) is located in Hiranandani Gardens, Powai, Mumbai (Bombay). Tell the auto / taxi driver that you want to go Hiranandani in Powai. (Hiranandani exists in other parts of Mumbai. So Hiranandani at Powai is important. (The driver will not know the CETTM MTNL guest house). In Hiranandani, the Hiranandani hospital and Rodas hotel in Hiranandani are landmarks to get to CETTM hostel or guest house.