

Best ORAL Presentation Award per THEME of CHEMCON 2021, Bhubaneswar, India

Sl. No.	Theme Area	Oral Paper ID	Name of Authors
1	Mineral Processing	EPR-505	Minimol M, Vidya Shetty K, Saidutta MB
	Paper Title	Bioleaching of Zinc from E-waste	
2	Process Intensification and Novel Separation Processes	PI-398	Ritu Parashar, B. C. Nailwal, N. Goswami, Soumitra Kar, A. K. Adak, A. K. Singha, S.C. Parida, S. Mukhopadhyay
	Paper Title	Composite palladium-based membranes for separation and recovery of hydrogen in bio-jet fuel production unit	
3	Green-Industrial-Sustainable Chemistry and Engineering	GCT-549	Payoja Praharaj, Upasana Mohapatra, Sony Pandey
	Paper Title	PHA-based bioplastic production using mixed microbial cultures in wastewater with different organic waste substrates	
4	Advanced Techniques in Chemical Engineering	ATCE-213	Sandeep B. Mundhe, Prakash G Jadhav, Vishal G Beldar, Suyogkumar V. Taralkar
	Paper Title	RSM-CCRD application in process optimisation for extraction yield of derivatives of anthraquinone from aloevera	
5	Environmental Engineering: Wastewater Treatment	WT-480	Rajagopal perumalsamy, Chithra Kumarana , Gowri Rajagopal
	Paper Title	Realtime tracking of electrocoagulation treatment of coloured waste water through RGB analysis and kinetics evaluations	
6	Environmental Engineering: Safety Health Environment	EE-460	Praveen Kumar Solasa, N Saravanan, SK Manu
	Paper Title	Design and realization of residual butadiene gas management system for HTPB polymerization process	
7	Environmental Engineering: Solid Waste Management	SWM-254	Venkata Sai Nikhil Pampana
	Paper Title	Direct production of crude stainless steel from the mine waste by arc smelting process	
8	Green Energy	ESFBS-513	Smrutirekha Swain, Suddhasatwa Basu
	Paper Title	Construction of g-C ₃ N ₄ / SnNb ₂ O ₆ heterostructure in supercapacitor for energy storage	
9	Nano Science and Technology	NT-579	Bappaditya Das, Rajen Kundu
	Paper Title	Preparation of graphene oxide from coal	
10	Process Modelling and Simulation	MSP-415	Bhavikkumar Mahant, Omkar Singh Kushwaha, Rajnish Kumar
	Paper Title	Simulated natural gas hydrate storage and modelling	

11	Computational Fluid Dynamics	CFD-239	SWAGATIKA DASH, Swati Mohanty
	Paper Title	CFD modelling for separation of heavy and light rare earths from RE chloride Solution	
12	Petroleum and Polymer	PET-466	Janardan Singh, Ani K Johnb, Saravanan Nc, Muraleekrishnan Rd, S A Ilangovan
	Paper Title	Ageing studies on polyamic acid resin and the product Polyimide (Kapton) film	
13	Process Safety Responsible Care	SHE-187	Doli Hazarika
		Biodegradable antiviral facemask	
14	Biochemical Engineering and Food Technology	BB-226	Ishita Goyal, Shushil Kumar, Deepak K Ojha
	Paper Title	Techno-economic analysis of integrated torrefaction cum palletization of paddy straw to bio-briquettes/pellets	
15	Other Areas Of Chemical Engineering	TD-78	Jugal N Anil, Dnyaneshwar R. Bhawangirkar, Jitendra S. Sangwai
	Paper Title	Effect of equation of state (SRK, RK), activity coefficient model (Wilson, NRTL, mUNIFAC) and guest dependent reference hydrate vapour pressure on hydrate phase equilibrium prediction	
16	Hydro & Electro Metallurgical Processes	HEM-209	Archita Mohanty, Niharbala Devi, Sumitra Nayak
		Hydrochloric acid as the lixivant for recovery of metal values from spent lithium-ion battery	
17	Transport Phenomena and Fluid Mechanics	TMM-410	Anil Pathrose, Samiran Sengupta, Vimal Kotak, Istiyak Khan, Sujay Bhattacharya
	Paper Title	Effect of spacing between the nozzle tip and inlet of the mixing chamber on performance of a miniature jet pump – an experimental study	