

Poster Day One (2.00 p.m. 26th October 2018, Pidilite Pavilion)

Poster Code	Author	Title
Advanced Separation Techniques		
P101	Abhishek Thakkar, Sunny Agarwal, Viraj Dalsaniya, Parth Sherathia	Pervaporation and Its Application for Process Intensification by Means of Hybrid Separation
P102	Varun Patil, Vaibhav Bangal, Atharva Karulkar	Chromatography
P103	Mistry Ronak Yogesh, Md. Saajid Ali, Gajare Ganesh Babaji	Composite-Membrane Filtration of Vehicular Exhaust to Reduce Air Pollution
Water Treatment		
P104	Alan Joy, Joel Paul, Aiswarya Rateesh, Priya Rajeev	Beneficial utilization and eradication of water hyacinth
P105	Sunil Chunduru	Zero liquid discharge
P106	Venkat Sashank P, Sameera VSravani G, Nikita K, Vandana K	Water Treatment by Granular Activated Carbon Filters and Mesopaper
P107	Manish Kumar Sinha, Amit Vaghasia, Yagna Hirpara, MaazManiar	An overview of micellar enhanced ultrafiltration technique for removal of heavy metal ions from wastewater
P108	Shivani vijay Kanoje, Vaddamani Saumya, Anirbhan Dey	Performance study on various low cost absorbents derived from natural sources for effective defluoridation of water
P109	Y.V. Shourie Chandra, Shresht Pratap Mathur, Y.Anjana Mahadev, Vaishnavi Nemaniwar	Removal of heavy metal pollutants from industrial waste-water using advanced techniques
P110	Kalyani Wadale, Pallavi Shete, Jasmin Tamboli.	Waste Water Treatment Using Upflow Anaerobic Sludge Blanket (UASB)
Reuse and Recycle		
P111	Pranoti Tandulkar, Srushti Ambekar, Kritika Singh, Dr. Swarda Mote	Preparation of Adhesive From Waste Orange Peels
P112	Rayannagari. Rukmini, Velivala. Tirumalaiah, Bheemireddy. Shiva Reddy	Electronic recycling & e-waste management
P113	Priya Shedame, Shubham Kale, Chetana Turare, Vinod Pakhale	Electricity Generation from Wastewater by Using Microbial Fuel Cell
P114	Pallavi Gulhane, Pranjali Chalkhure	Pyrolysis of Tyres
P115	Ritesh Lanjewar, Mayur Patil, Yugandhar Patil	Re-refining of used lubricating oil
P116	Hanuma N. Gote, Krunal R. Girhe	Recycle and Reuse of Polymers

P117	Harsh Vadgam, Punik Patel, Risidh Patel, Mitanshu Barot	Review on Waste Rigid Polyurethane Incorporated Concrete
P118	Solanke Deepa, Kharde Pranjal, Dedwal Yogesh	Use of Industrial Waste In Highway Construction
P119	Swati Kurup, Neelaambhigai M., Shriya Bijutkar	Use of waste plastic in road construction
P120	Vivek. Gosavi, Subodh Jangave	Waste Oil Management
P121	Shubham Chavan, Shardul Rahatade, Dr M.V.Bagal	Biodiesel Production From Waste Cooking Oil
P122	Himanshu Kamble, Sachin Mohite, Animesh Fartode	Converting waste plastic (pet) into quality fabric
P123	Punjabi Rohit vijay	Recovery process of lithium ion from spent Li-ion batteries
Environmental Management/ Biochemical		
P124	Nair Sidharth, Ghorpade Vaibhav, Nemade Vaibhav.	Bio-plastics: (An alternative to plastic for sustainable development)- A review
P125	Sanket Jog, Dhananjay Joshi	Availability of Feedstocks for Second Generation Biofuel production in India: A Review
P126	Pabal Aniket, Kanade Manasi, Raut Snehal Taufik Khan, Ravindra Hande, Dhananjay Bendre	Biodegradable Plastic
P127	Kartik Badkas, Atul Uttam, Ved Prakash, Suyogkumar Taralkar	Power efficient air filtration unit
P128	Ruchika K. Selokar, Smita S. Harshe, Kisan T. Bhangare	Carbon Sequestration (carbon captured and storage)
P129	Pratik R. Borse, Sanket J. Amrutkar, Hemant R. Sonawane	CO ₂ mitigation
P130	Sai Pradeep Varma, kalidindi, balaji sai vardhanmente, m basith, vamsi sai Krishna kandregula	Phytoremediation: A Green Technology to Remove Environmental Pollutants
P131	Anandkrishna S mahajan, E.Bindu, B. Arvind Nayak, Laxmi Prasanna	Removal of pollutants from environment by phytoremediation
P132	Kartika Srivastava, Omkar Debadwar, Namrata Bhusari	Advanced Zero Emission Technologies
P133	Fathima Jamaludeen, Ganga Anil George Jacob	Biomimicking of nasal passage for air purification
P134	P. Deo, G. Sude, P. N. Dange	Carbon dioxide capture from air using Direct Air Capture Technology
P135	Sandeep Shinde, P. Nikhilesh Varma, Shaik Zaid	Production of bio plastic from starch
Nuclear and Alternate Energy		

P136	Shruti R. Ghime, Rutuja N. Lande, Sudarshan Katkade, Prof. Parag Sutar	Thermal Energy Storage with Phase Change Material
P137	Mansi Garg , Maitri Updadhay	Energy conservation and management
P138	Disha Panchawadkar, Shreya Bhat Pratiksha D. Khurpade	Study of recent advances in carbon nanomaterials and sustainable solutions of its energy and environmental remediation
P139	Kiran Jadhav, Vikas Jadhav, Avinash Game.	Fuel cell technology
P140	Nilesh Durge, Kartik Pathode, Saksham Dhande	Fossil Fuels And Future Energy
P141	SaiKeerthi Jogannagari, Ranganadh Kollapureddi	Microbial Fuel Cell (MFC)
P142	Ruchika Shelokar, Vivek Gosavi	Nuclear Power as a Basis for Future Electricity Generation
P143	J Raviprakash, K Sudheergoud, G Suchitra, Mounika, U Akhila	Circumstances on bio-film reactor
P144	Shyamli Pandey, Saakshy Satish Shukla, B R Natrajan	Status of nanolignin production in context of eco- friendly applications
P145	Sanjukta Gawali, Deepshankrla Saxena	Microalgal hydrogen production

Poster Day Two (12.00 p.m., 27th October 2018, Pidilite Pavilion)

Poster Code	Author	Title
Green Chemistry and Engineering		
P201	Swapnil Martode, Mahesh Jumde, Swapnil Hadake, Shraddha shende	Algae Photobioreactor (PBR): A Clean Source of Energy
P202	Amol Joshi, Harsh Hambar, Avishi Oswal, Rohan Chaudhari, Gomti Borkute, Prof. Dr. Shachi Nigam	Solar Panel for Sustainable and Green Energy using Natural Dyes
P203	Rahimulla Khan, Shantanu Joshi. Siddharth Satbhai	Target specified use of Fertilizers
P204	Vaishnavi Nemaniwar, Shourie Chandra, Anjana Mahadev, Shresht Pratap Mathur	The Eco-Battery: Li-ion Battery
P205	Harshita Agrawal, Abhishek Katoch, Sanjeev Gautam	A Peer review on MOF as Hydrogen Storage and Photo Degradation material

P206	Rasmeet Singh, Abhishek Katoch, Sanjeev Gautam	Hydrogen as Next Generation Fuel: a Review
P207	P. Shivani, Harika Sreepada	Sugarcane Bagasse as a potential microbiological medium.
P208	Manish Bhargav, Bhuvana Chandrika, Sai Harshith, Dheeraj Aryan	Biological Hydrogen Production from Micro Algae
Nanomaterials		
P209	Yash V. Thakare, Vikram A. Pawar Chinmay J. Phanse	Nanoplasmonics-a boon for technological applications
P210	Ganji Radha, Sunil Siddharth	Synthesis, characterisation of Fe doped Titanium dioxide Nanoparticles
P211	Gajare Ganesh Babaji, Pranjali Almale, Kashmira Jadhav	Zinc Oxide Nanoparticles for Revolutionizing Agriculture: Synthesis and Applications
P212	Mehul K., Jitendra M. , Shubham K., Hrushikesh P.	Nano-Materials: VantaBlack
P213	Sreejith Nair	A review on the development of Nanocatalysts for PROX of CO
P214	Pratishtha Rao, Lakshika Kotak, Utkarsh Maheshwari	A Review on the Enhancement of Textile Properties with the Help of Nanomaterials
P215	Vidhika Damani, Dhiraj Jain, Rajiv Nair	Nanotechnology and the versatility of its properties and applications
P216	Muhammed Afnas, Arjun P V, Achuth M, Jishnu G Mohamed Aslam	Highly Porous Silica Nanofibre as Catalyst for Alkaline Fuel Cell
Energy conservation and Management		
P217	Manali M Kulkarni, Yoshada S Patil, Ashish V Mohod	Spent nuclear fuel for the generation of electricity
P218	Ch surya teja, d ajay chandra, Chsurya varsha	Urine turned into sustainable power sources for electronic devices
P219	Pooja Vishwakarma, Gauri Pinjan, Pankaj Vardhe	Biosorption: A potential Removal Technique for Heavy Metals
P220	Venkat Sainath Reddy, V. Laxmi Sai	Usage of solar boilers in industries
P221	Kanishk Pandey, Aditya Gupta	Algae: The Future Power House
P222	Krunal Nagpure, Himanshu Patel	Biodiesel-the future green fuel
P223	Kunal Dawale, Aamir Deshmukh, Dr. Manisha Bagal	Production of bioethanol from agricultural waste
P224	Pranav Santhosh, Safa Ashraf, Irene Wilson, Anandhu Babu	Ultrasonic assisted Biodiesel Production from Microalgae using Novel Catalyst
P225	Aanchal Vashisht, Sakshi Srivastava	Alternative Fuels in Cement Industries

P226	G. Rushita Sree	Geothermal Energy
Food Security		
P227	Swastika Gosavi , Aditya Gohad	Review on Food Security
P228	Ms. Kakul R. Singole Ms. Gauri M. Thavi	Radiation In Food Preservation
Process Engineering and Control		
P229	Veda Varshitha .M	Polyhydroxyalkanoates: A Review To Study Its Production And Characteristics
P230	Shubham Masane, Shreelekh Wankhede	Thermally Sprayable Coating
P231	Prernachalimadugu, Battineni Meghana, Sanjana Kududula, K Siri Nigam.	Continuous manufacturing - the wave of the future
P232	Anirban Pal, Kingshuk Halder, Ritwija Panda	A review paper on biodiesel production by heterogeneous catalyst by transesterification of waste cooking oil
P233	Arulmani K , Bharathraj K	Adsorption Equilibrium, isotherm and Kinetics for different adsorbents – Review
P234	Arun Prasanth, Krishna Prasanth	Algae as an adsorbent for the removal of dyes- Review
P235	Vignesh Dhandapani , Devabalaji K S	Removal of Metal by Adsorption using Algae in batch reactor – A review
P236	Nitin Patil, Yogesh Desale	Conversion of waste carbon dioxide gas to bulk liquid fuel suitable for automobiles.
P237	Muhammed Salih, Mohammed Azil , Sajin Jose, Jubair , Rameez P	Integrated Crude Cocos Fuel : Coconut Methyl Ester As Biofuel In Diesel Engine
Healthcare Technology		
P238	Ashish Gaurkar, Apeksha Bhoware	Polylactic acid : Advancement in health care
P239	Ayesha Sayyed, Yash Nanaware, Ajinkya Andge	Targeted Drug Delivery System
P240	Nihal Wath , Yash Tambe	Artificial Intelligence And Industrial Internet of Things

P241	Hasan Shahid, Prithveeraj Wavre	Case Study on Energy Saving Opportunity with Variable Frequency Drive (VFD)
P242	Shivashish Kulshreshtha, Prince Siddhartha	Industrial internet of things with AI