



**National Symposium on Green Chemistry
& Technology for Sustainable Development
January 18-19, 2019**



**Department of Chemical Engineering
G H Patel College of Engineering & Technology
V. V. Nagar, Anand- 388120**

List of Selected Abstracts for Poster

Sr. No.	Title of Abstract	Authors	Affiliation	E-mail
NSG 19	Recent advances in graphene/polyamides nanocomposites	Himanshu V Madhad Dilip V Vasava	School Of Science, Ahmedabad	dilipvasava20@gmail.com
NSG 25	Review on Development of Heterogeneous Metal Catalysts for Oxidation Reactions	Priyank Khirsariya Harish Katariya	V.V.P Engineering College, Rajkot	priyank.khirsariya.ch@vvp edu link.ac.in
NSG 29	Bioplastic	Vedang patel Rahul Rathod Vishal Saini Saunak patel	GCET, Anand	rahul81823@gmail.com
NSG 31	Bioresources: Hydrogels from Lignin with Magnetic Properties	NiharJivani Linka Desai Prashant Bavadiya Kishan Dobariya	GCET, Anand	niharjivani60@gmail.com



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NSG 32	A Comprehensive Study on the Heavy Metal Contamination in Ground Water at Vadodara and Bharuch Industrial Zones of Gujarat, India	K. K. Tiwari Richa Tiwari	SICART, Anand	drkktiware14@rediffmail.com
NSG 34	Municipal Water Treatment	Kartik Shah Varun Patel Vidhi Panchal	GCET, Anand	ashokgm333@rediffmail.com dragmatani@gmail.com
NSG 36	Study of Pyrolysis & Co-Pyrolysis of Municipal Sewage Sludge with Plastic Waste for Production of Bio-Oil	DarshitNasit Hardik Pipliya Kuldeep Dhorajiya	GCET, Anand	dnasit96@gmail.com
NSG 37	Recent Developments in Chemical Synthesis with Biocatalysts in Ionic Liquids	Manan Raichura Yash Patel	GCET, Anand	mananraichura2204@gmail.com
NSG 39	Green Chemistry Potential for Past, Present and Future Perspectives	Kansagara Prince KatharotiaParth Shobhasana Sandip	GCET, Anand	sandipshobhasana@gmail.com



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NSG 41	Recycling Properties of Styrofoam for Waste Water Treatment and Its Applications	Shaan Harish Dharmik Shah Chirag Vidja Brij Patel Endrick Contractor	GCET, Anand	ashokgm333@rediffmail.com dragmatani@gmail.com
NSG 42	Enhancement of Permeate Flux using Ultra Filtration Technique of Dairy Effluent	Darshan Parth Hardik <i>Patel</i>	GCET, Anand	darshanrosary@gmail.com
NSG 46	Design & Development of Electro-Chemical Cell for Dye Wastewater Treatment	Shah Ketul, Shelar Harshi, SatyajeetVahora Prajapati Hardikkumar	GCET, Anand	ketulshah2825@gmail.com
NSG 50	Poly vinyl alcohol as a water-soluble green polymer	Patel Urja Vachhani Pinkal Sojitra Ajay	GCET, Anand	urjamesh15@gmail.com



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NSG 52	Green packaging based on Agriculture waste: An efficient way to waste Management	HinalVachhani Kalp Upadhyay Yash Patel	GCET, Anand	kalp1403u@gmail.com
NSG 57	Extraction Efficiency Enhancement (E3) of Rotating Disk Column Obtained From Pilot Scale	Mayur Khode Mathurkumar Bhakar Anand Metre	GCET, Anand	mayurpkhode@gmail.com
NSG 61	Advancement in modification of polyvinylidene flouride (PVDF) membrane to enhance the efficiency for waste water treatment	DhwaniVaghani Raj Pindoria Arpit Patel Bharti Saini	PDPU, Gandhinagar	dhwani.vch16@sot.pdpu.ac.in
NSG 66	Towards Continuous Pyrolysis of Agricultural Wastes	Urvish Patel Jignesh Makwana Sanjib Kumar Karmee Gaurav Mishra	SPRERI, Anand	thermo@spreri.org



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NSG 70	Glycerol as a green solvent in organic synthesis	Urvish Makwana Jay Kotadeeya Kostav Goswami Kashyap Barasiya	GCET, Anand	urvishmak23@gmail.com
NSG 71	Hybrid Solar Wind Power Generation System	BhumitRaithatha RajdeepBarad Rahul Dave Dr. Smita Joshi	GCET, Anand	blackper103042018@gmail.com sbjoshi69@gmail.com
NSG 72	Low Cost Solar Simulator	Keyur Nimavat Hardik Patel SejalRathva Dr. Smita Joshi	GCET, Anand	sbjoshi69@gmail.com
NSG 77	Multiutility Vehicle and Rangefinder for Defense Sector of India	Aakash Bhoi, Viraj Raj, Deep Chauhan, Dr. Smita Joshi	Department of Mechanical Engineering and Applied Science and Humanities G H Patel College of Engineering & Technology, Vallabh Vidyanagar-388120	smitajoshi@gcet.ac.in



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NSG 78	Dye Industry Waste Water Treatment and Colour Removal Using Sugarcane Bagasse	Urvish Makwana, Kaustav Goswami, Jay Kotadeeya, Kashyap Barasiya1	G H Patel College of Engineering & Technology, Anand, Gujarat- 388120	urvishmak23@gmail.com
NSG 79	Polymeric Graphitic Carbon Nitride as Heterogeneous Organo-Catalyst from Photochemistry to Sustainable Chemistry	Suraj Kapadiya, Sandeep Nath and Jigesh Mehta	School of Engineering, P P Savani University, Kosamba, Surat, Gujarat, India – 394125	jigesh.mehta@ppsua.ac.in
NSG 80	Solar Seed Sawyer For Agricultural Development of India	Neel Patel, Jeet Chaliawala, Aryan Macwan, Dr. Smita Joshi	Department of Mechanical Engineering & ASH G.H. Patel College of Engineering and Technology Vallabh Vidyanagar-388120	neelpatel1178@gmail.com , sbjoshi69@gmail.com