

SusChemE 2015
POSTER PRESENTATION SCHEDULE

Date: 8th October 2015

P001 (SusChemE_008)	Fe Nanoparticles Supported On Graphene: A Sustainable Heterogeneous Catalyst for Efficient Conversion of Alcohols to Carbonyl Compounds with Extraction of H ₂ . <u>G. Jaiswal</u> ^{1,†} , <u>D. Jagadeesan</u> ^{*,†} , <u>E. Balaraman</u> ^{‡*}
P002 (SusChemE_010)	Biobased Products: Selective Hydrogenation of Levulini Acid And Γ-Valerolactone on Copper Supported Zirconia Catalysts To 1,4-Pentanediol And 2-Methyltetrahydrofuran. <u>Saurabh. C Patankar</u> ¹ , <u>Ganapati. D Yadav</u> ^{1*} , <u>Flora. T T Ng</u> ²
P003 (SusChemE_023)	Synthesis of Furfuryl Alcohol over Copper Supported On Dealuminated Cu-Al Layered Double Hydroxide. <u>H.R. Prakruthi</u> , <u>Venkatesha</u> , <u>B.S. Jai Prakash</u> , <u>Y.S. Bhat</u>
P004 (SusChemE_026)	Synthesis of Glycidol from Glycerol and Dimethyl Carbonate Using Ionic Liquid as a Catalyst <u>S.M.Gade</u> , <u>M. K. Munshi</u> , <u>V.H.Rane</u> and <u>A.A.Kelkar</u>
P005 (SusChemE_028)	Ultrasonic Waves Assisted Chemical Synthesis of Nickel Oxide –Water Nanofluids and Their Heat Transfer Characteristics. <u>Meher Wan</u> ¹ , <u>Punit K. Dhawan</u> ² , <u>Raja Ram Yadav</u> ²
P006 (SusChemE_029)	Highly Active and Reusable Li-Al Layer Double Hydroxide Catalyst for the Synthesis of Dimethyl Carbonates From Transesterification of Ethylene Carbonate and Methanol. <u>N.T.Nivangune</u> ¹ , <u>A.A.Kelkar</u> ^{1*} , <u>V.V.Ranade</u> ^{2*}
P007(SusChemE_035)	Production of Biopolymer from Algae Cultivated Using Seawater <u>Venus M. Chaudhary</u> , <u>Apurv M. Mhatre</u> , <u>Reena A. Pandit</u>
P008(SusChemE_042)	Copper Catalyzed Efficient Synthesis of 2-Benzimidazolone Scaffold from 2-Nitroaniline and Dimethyl Carbonate via Hydrosilylation Reaction. <u>Deepak B. Nale</u> , <u>Bhalchandra M. Bhanage</u> [*]
P009 (SusChemE_046)	Intensification of Ultrasound Assisted Epoxidation of Karanja Oil By Aqueous Hydrogen Peroxide. <u>Machhindra S. Bhalerao</u> ¹ , <u>Anand V. Patwardhan</u> ²
P010(SusChemE_101)	Sulfonated Mesoporous Polydivinylbenzene (PDVB) As Efficient Catalytic For Room Temperature Synthesis of Solketal. <u>Sathyapal R. Churipard</u> [‡] , <u>Pandian Manjunathan</u> [‡] , <u>Prakash Chandra</u> [‡] , <u>Ganapati V. Shanbhag</u> [‡] , <u>A.B. Halgeri</u> [‡] and <u>Sanjeev P. Maradur</u> ^{*‡}
P011(SusChemE_106)	Concentration of Glycyrrhizic Acid (GA) From Licorice Root Extract by Membrane Process <u>Sandeep P. Shewale</u> ¹ , <u>Virendra K. Rathod</u> ²
P012(SusChemE_115)	Decrystallization of Natural Cellulose via Hydrogen Bonding Disruption by Carbohydrate Binding Modules (Cbms). <u>Rao Suruchi</u> ¹ , <u>Anil Annamma</u> ² , <u>Lali Arvind</u> ³
P013(SusChemE_136)	Cationic Resin Catalyzed Polyricinoleate Synthesis. <u>Rajesh Vadgama</u> ¹ , <u>Annamma Anil</u> ¹ , <u>Arvind Lali</u> ¹
P014(SusChemE_141)	Exploring the Opportunities for Developing the Novel Chewing Gum Base for Drug Delivery. <u>Neha Mulchandani</u> ¹ , <u>Dhaivat Parikh</u> ² , <u>Nimish Shah</u> ¹
P015(SusChemE_144)	Designing Whole Cells for Bio-Transformation of Lignin Derived Aromatics <u>Suveera. V. Bellary</u> , <u>Aruna Mahesh</u> , <u>Arvind.M.Lali</u>

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P016(SusChemE_145)	MODELING AND SIMULATION OF PLATE HEAT EXCHANGERS WITH GENERALIZED CONFIGURATION <i>Faizan Ahmad¹, Sadaf Zaidi¹</i>
P017(SusChemE_146)	Magnetically Recyclable Iron Oxide Nanoparticles for the A-Cyanation of Amines under Acid-Free Conditions and the Formal Synthesis of Praziquantel. <i>Mahendra Patil, Anant R. Kapdi and A. Vijay Kumar*</i>
P018(SusChemE_148)	Synthesis and Characterization of Fe ₃ O ₄ @Nitrogen Doped Reduced Graphene Oxide for Lead Sensor. <i>Kota V M K Kireeti, Neetu Jha*</i>
P019(SusChemE_151)	Synthesis of Modified Lipids by Enzymatic Interesterification <i>Monali R. Kavadia, Manish G. Yadav, Annamma A. Odaneth, ¹Arvind M. Lali</i>
P020(SusChemE_154)	Ionic Liquid Mediated Degradation of Lignin to Platform Chemicals <i>Mallikarjun Patil, Arvind Lali</i>
P021(SusChemE_157)	Enzymatic Synthesis of Sugar Fatty Acid Ester <i>Manish G. Yadav, Rajesh N. Vadgama, Annamma A. Odaneth, Arvind M. Lali</i>
P021(SusChemE_011)	Application of Ionic Liquids as Catalysts in the Synthesis of HMF from Chitosan <i>Dr Sunil S. Joshi¹, Dr Kiran V. Pandare², Priyanka Bhongale¹, Sagar Chaudhary¹ and Anubhuti Bhatnagar¹</i>
P022(SusChemE_184)	Selective Enzymatic Removal of Arabinose from Maize Bran Holocelullose. <i>Sneha Sawant¹, Mukesh Pednekar¹, Annamma Anil¹, Arvind Lali¹</i>
P023(SusChemE_185)	Transesterification of Jatropha Oil by Lipase Enzyme from <i>Aspergillus Niger</i> Strain of Petroleum Stock Contaminated Soil. <i>Narasimhan V¹, Valentin Bhimba B²</i>
P024(SusChemE_020)	Preparation of 1D Ag/MnO ₄ Catalyst for the Selective Oxidation Of Styrene. <i>Shankha Shubhra Acharyya, Sachin Kumar Sharma and Rajaram Bal</i>
P025(SusChemE_187)	Mining Of Organisms Associated With Green Macroalgae <i>Ulva Spp.</i> For Enzymes Capable Of Depolymerizing Ulvan and Cellulose. <i>Valerie J. Rodrigues¹, Lucy Akinmosin², Sharon Huws², Annamma A. Odaneth¹, Arvind M. Lali¹</i>
P026(SusChemE_205)	Adsorptive Removal of Congo red Dye Using Surfactant Modified Carbon-Doped TiO ₂ <i>Vrushali Chaudhari¹, S. Mayadevi², J. K. Kim³, L. C. Campos³, L. Ciric³ A. K. Goswami¹, S. K. Sonar²</i>
P027(SusChemE_205)	Clean Synthesis Of 4-Methoxyphenol from Hydroquinone and Methanol Using Ionic Liquid as Catalyst. <i>Priyanka Bhongale, Dr. Sunil Joshi, Dr. Vivek Ranade</i>

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P028(SusChemE_191)	Carbonylative Synthesis of Phthalimides and Benzoxazinones Using Phenyl Formate as an Efficient Carbon Monoxide Source. <i>Sujit P. Chavan and Bhalchandra M. Bhanage*</i>
P029(SusChemE_198)	Comparative Study of Epoxidation of Soybean Oil. <i>Pravin Tadakar¹, V L Gole¹, Shantanu Sagar¹, Saili Indurkar¹, Preeti Snadhu¹, Ganesh Thorat¹</i>
P030(SusChemE_210)	Catalytic Ozonation of Dye Wastewater Mineralization and Enhance Biodegradability. <i>Manoj B. Mandake, Chandrakanth Gadipelly, Virendra K. Rathod*</i>
P031 (SusChemE_220)	Production and Purification of Inulinase from Fungal Source and Its Potential Application <i>Deepali Magadam¹, Ganapati D. Yadav^{2*}</i>
P032(SusChemE_041)	Amino Functionalized Graphenes as Base Catalysts in Condensation Reactions S.C.Thakare, R. V. Jayaram
P033(SusChemE_086)	High Temperature Carbon Capture Using Of Limestone Doped With Flyash. <i>B.Sreenivasulu^a, I.Sreedhar^{a,*}, K.V.Raghavan^b, B.Mahipal Reddy^c</i>
P034 (SusChemE_202)	Study aqueous phase hydrogenation of bio-oil model compound croton aldehyde on Ru/C catalyst <i>Chetan D. Pawar, Prakash D. Vaidya*</i>
P035(SusChemE_201)	CuO-Graphene Nanocomposite Based Enzyme Free Glucose Biosensor. <i>Shweta Lad¹, Neetu Jha²</i>
P036(SusChemE_203)	One-pot Green Synthesis of Graphene Oxide for Electrochemical Detection of Compound <i>Aayushi Kushwaha¹, Neetu Jha^{1*}</i>
P037(SusChemE_219)	Novel Synthesis of Dehydrozingerone from Vanillin and Acetone over Hydrotalcite as Catalyst: Effect of Catalyst Composition and Calcination on Activity and Selectivity <i>Shivaji L. Bhanawase¹, Ganapati D. Yadav²</i>
P038(SusChemE_218)	Selective Oxidation of Bioglycerol with Molecular Oxygen over Novel Heterogeneous Catalyst. <i>Godfree P.Fernandes and Ganapati D. Yadav</i>
P039(SusChemE_217)	Biobased Green Process: Selective Hydrogenation Of 5-Hydroxymethyl Furfural (HMF) To 2, 5 Dimethyl Furan (DMF) Under Mild Conditions Using Pd-C _{2.5} H _{0.5} PW ₁₂ O ₄₀ /K-10 Clay. <i>Anil B.Gawade¹, Manishkumar S. Tiwari¹, Ganapati D.Yadav^{1*}</i>
P040(SusChemE_216)	Novelty of N-Arylation of Indole and Imidazole with Aryl Halide under Mild Reaction Conditions Using CuFe ₂ O ₄ Magnetic Nanoparticles <i>Akhil V. Nakhate and Ganapati D. Yadav*</i> ,
P041(SusChemE_215)	Cationic Dye Removal by Chlorosulfonic Acid Treated Peanut Husk: Characterization, Equilibrium, Kinetics and Thermodynamics Study

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	<u>Pradnya Ingle</u> ¹ , <u>Virendra K. Rathod</u> ²
P042(SusChemE_214)	Synthesis of Novel Silica Supported Mixed Metal Salt of Dodecatungstophosphoric Acid and Its Catalytic Application for Solvent Free Tetrahydropyranylation of Benzyl Alcohol <u>Rohitkumar G. Singh</u> ¹ , <u>Ganapati D. Yadav</u> ¹
P043(SusChemE_213)	Bioinspired Green Synthesis of Silver Nanoparticles Tagged On Mesoporous Polymethacrylate for Disinfection of Water. <u>Richa Tiwari</u> ¹ , <u>Ronak Malde</u> ¹ , <u>Pamela Jha</u> ¹ and <u>Sandeep B. Kale</u> ^{1*}
P044(SusChemE_212)	Supramolecular Catalytic Metallodendrimer on PMMS for Regioselective Synthesis of B-Amino Alcohols under Solvent-Free Conditions <u>Richa Tiwari</u> , <u>Sachdeo H. Daware</u> , <u>Pamela Jha</u> and <u>Sandeep B. Kale</u> [*]
P045(SusChemE_211)	Considerations on the use of enzyme-assisted extraction in combination with sonication to recover bioactive xylose sugar from DFRB. <u>Sagar M. Gadalkar</u> , <u>Virendra K. Rathod</u>
P046(SusChemE_220)	Biocatalysis in Synergism with Acoustic Cavitation as a Green Approach to Synthesis Citronellyl Acetate: Optimization and Kinetic Study. <u>Prerana D. Tomke</u> ¹ , <u>Virendra K. Rathod</u> ^{1*}
P047(SusChemE_069)	Efficient LPO over triple nanocomposite of rGO and Mn-Co Oxides. <u>Bhanu P. Solanki</u> , <u>Ajay Jha</u> , <u>Chandrashekhar V. Rode</u> [*]
P048(SusChemE_058)	Oxazoline Preparation from glycerol using a bimetallic catalyst. <u>Rajan Pandya</u> , <u>Chandrasekhar V. Rode</u> [*]
P049(SusChemE_074)	MCM-41 Supported Iron (III) Chloride Catalyst for Claisen Rearrangement of Aryl Allyl Ethers <u>Sachin S. Sakate</u> ^{1,2} , <u>Pratik Mane</u> ² , <u>Chandrashekhar V. Rode</u> ^{*2}
P050(SusChemE_082)	One pot synthesis of glycidol from glycerol and DMC over solid base catalyst <u>Sharda Kondawar</u> , <u>Chetana Patil</u> , <u>Chandrashekhar V. Rode</u>
P051(SusChemE_110)	Triphenyl (3-sulfopropyl) phosphonium functionalized PWA on Silica catalyzed Hosomi-Sakurai reaction. <u>Sumit B. Kamble</u> , <u>Chandrashekhar V. Rode</u> [*]
P052(SusChemE_111)	Influence of pretreatment conditions on the activity of Cu-Al catalyst for selective hydrogenolysis of glycerol to 1,2-propanediol. <u>Rasika B. Mane</u> , <u>Aparna S. Potdar</u> , <u>Shiwanand Patil</u> , <u>Sadhana Rayulu</u> ² , <u>Chandrashekhar V. Rode</u> ¹
P053(SusChemE_209)	Preservation of coconut inflorescence sap (Neera) and preparation of value added neera products <u>Annie Eapen</u> [*] , <u>Praseeda K.C.</u> , <u>Aneeta Joy</u> , <u>Sumi S Nair</u>

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P054(SusChemE_070)	Adsorptive removal of Methylene Blue dye using Montmorillonite K10 Supported N-doped TiO ₂ <i>Prachi D. Dwidmuth¹, S. Mayadevi², J. K. Kim³, L. C. Campos³, L. Ceric³, J. B. Naik¹, S. K. Sonar²</i>
P055(SusChemE_221)	Carbon dioxide (CO ₂) catalysed novel synthesis of N-heterocyclic compounds. <i>Kalidas B. Rasal, Ganapati D. Yadav</i>