

## PARALLEL SESSION – I

### AS: Advance Separation Techniques

Date : 27<sup>th</sup> Dec 2014

Time : 5:00 PM – 7:00 PM

Venue: L-1

1	AS/0007	<b>Madhubanti Bhattacharya, Bhaskar Bishayee, Mrinal Kanti Mandal</b> Lignin Recovery Using Rotating Disk Ultrafiltration Module From Rice Straw
2	AS/0008	<b>H.Jogarao , G.Kalyani</b> A Study On Cross Flow Membrane Module With Laboratory Synthesised Nano Filtration Membrane
3	AS/0009	<b>Kazuho Nakamura</b> Electrokinetic Phenomena In Membrane Filtration Processes
4	AS/0010	<b>Shashank Tiwari, K.R.Gota, S. N. Das , Piyush Pratap Singh</b> Synthesis, Characterisation And Photocatalytic Activity Of Iron Doped Titanium Dioxide Catalysts Using Different Light Sources
5	AS/0011	<b>Binoy Shah, Sagar Vagadiya, Parag Saxena, Priya Saxena</b> Advancements In Reactive Separation Technology
6	AS/0013	<b>Varun Ganatra, Aashay Dedhia, Alpana Mahapatra</b> Conventional Distillation And Vapor Compression Distillation - A Comparative Study
7	AS/0016	<b>Sunil Kumar, Vimal Chandra Srivastava, S.M. Nanoti, Abhishek Kumar</b> Removal Of Refractive Sulfur And Nitrogen Compounds From Gas Oil Using Solvent Extraction: Estimation Of Solubility Parameters And Their Application In Solvents Screening
8	AS/0017	<b>Amit Keshav</b> Reactive Extraction Of Pentanedioic Acid Using Secondary Amine In Ketones
9	AS/0018	<b>Satyabrata Mishra, S. Joshi, C. Mallika, N.K. Pandey, U. Kamachi Mudali And R. Natarajan</b> Effect Of Aqueous Phase Acidity On The Radiolytic Degradation Behavior Of Tri-N-Butyl Phosphate-N- Dodecane-Nitric Acid System
10	AS/0019	<b>Roshan Kumar Pramanik , Swagatika Dash</b> Removal Of Ni-Zn From Spent Catalysts Through Solvent Extraction Method
11	AS/0020	<b>Sunil Baran Kuila, Samit Kumar Roy</b> Pervaporative Dehydration Of Acetic Acid Using Novel Polymeric Ipn Membranes
12	AS/0022	<b>Rituraj, Anand V. Patwardhan</b> Study On Transport Of Cadmium Metal Ions Using Supported Liquid Membrane Using D2ehpa As Carrier And Sesame Oil As Diluent
13	AS/0023	<b>Vitthal Shingate, Vandana Prabhu, Anand Patwardhan</b> Glyoxlaic Acid (Goa) Removal Using Supported Liquid Membrane With Tri-N-Octyl Amine(Toa) As An Extractant
14	AS/0025	<b>Patolia Harshil, Lavina Babani, Parin D. Shah</b> Hybrid Materials In Coagulation / Flocculation Of Wastewater

## PARALLEL SESSION – I

**BT : Bio Process Technology**

**Date : 27<sup>th</sup> Dec 2014**

**5:00 PM – 7:00 PM**

**Venue: L-2**

1	BT/0001	<b>Hima Shwetha , Ammu S Parvathy, Anjali Babu, Kavitha Krishnan, Biju Jacob</b> Isolation, Screening And Characterization Of Two Novel Biosurfactant - Producing Soil Bacterial Isolates Viz. Bacillus Sp. And Pseudomonas Sp., And Comparative Studies On Biosurfactant Production By Batch Submerged Aerobic Fermentation In Suspension And Immobilized Cell Cultures
2	BT/0004	<b>Nitosh Kuamr Brahma,</b> Fuel Cells And Bioreactor: A Method For Hydrogen Production By Microbes And Its Direct Uses As Alternative Energy.
3	BT/0006	<b>Vaishali M. Kulkarni, Prashant D. Gangawane , Anand V. Patwardhan</b> Dyeing Of Silk Using Pigment Extracted From An Isolated Bacteria
4	BT/0007	<b>Manikandan Kanagasabai Karuppaiya Maruthai,</b> Optimization Of Medium Components On Ethanol Production From Cashew Apple Juice
5	BT/0008	<b>M. Karuppaiya And K.Manikandan</b> Optimization Of Process Conditions Using Response Surface Methodology (Rsm) For Ethanol Production From Waste Cashew Apple Juice By Saccharomyces Diasticus
6	BT/0009	<b>Piyush B.Vanzara, Pooja A. Raja, Ranjan A. Sengupta</b> Effect Of Draft Tube, Its Height And Air Flow Rate On Growth Kinetics Of Baker's Yeast In Rectangular Draft Tube Bubble Column
7	BT/0013	<b>S.Poddar, S.Basu, A.Chakraborty, N.K.Brahma4</b> Bioreactor Optimization For The Characterization Of Growth Of Microbes And Their Corresponding Antimicrobial Agents
8	BT/0014	<b>R.Gopinadh, Ch.Ramakrishna , C.Ayyanna, Narayana Saibaba , R. Jagadhi</b> A Kinetic Model For Citric Acid Production And Biomass Formation By Aspergillus Niger
9	BT/0015	<b>Muthu Velayudham Ramanujam, Viruthagiri Thangavelu</b> Optimization Of Cultural Condtions And Process Parameters On The Production Of Cellulase Using Vegetable Waste
10	BT/0016	<b>Monali Chhatbar, R.A.Sengupta</b> Investigations On Inverse Fluidized Beds
11	BT/0017	<b>Aksaya Krishna, Dr Yj Rao</b> Synthesis And Characterisation Of Elastin Like Polypeptides
12	BT/0021	<b>Manoj P. Kamble, Ganapati D. Yadav</b> Kinetic Resolution Of Phenyl Glycidyl Ether Using Red Mung
13	BT/0022	<b>Oza, A.1, Chaurasia, S.P. And Ajay K. Dalai</b> Biochemical Andthermochemical Aspects Of Fermentation For Ethanol Production: A Review

## PARALLEL SESSION – I

**NP : New Process Technologies**

**Date : 27<sup>th</sup> Dec 2014**

**5:00 PM – 7:00 PM**

**Venue: L-3**

1	NP/0001	<b>Shital Munde, Tanushree Bhattacharjee</b> Degradation Of Melanoidin By Heat Activated Persulfate
2	NP/0003	<b>D. Mandal , Ashish Kumar,M.C Jadeja And B. K. Chougule</b> Granulation By Fluidization Technique - An Experimental Study
3	NP/0004	<b>P.Nirguna Babu, Raviteja M V, Prakash Binnal</b> Pilot Plant Studies On Subcritical Extraction Of Turmeric Oil
4	NP/0005	<b>Apurva Patel, Prof. Nimish Shah</b> Copper Recovery Methods From Diferent Wastes
5	NP/0008	<b>Ms. Benita Vaz, Mr. Bhushan Vartak, Dr. (Mrs.) Alpana Mahapatra</b> Heavy Oil Upgrading By Htl Technology
6	NP/0009	<b>Shabad Sabharwal, Y J Rao, Archna</b> Fibre Reinforced Clay Brick As A Building Material
7	NP/0011	<b>Devi Vara Prasad Ch, Arunachalam V</b> Effect Of The Formulation Of Ingredients And The Process Parameters On The Fracture Energy Of Htpb Based Composite Solid Propellant
8	NP/0012	<b>Shaikh Mohammed Nawayd, Usamah H. Tamboli, Somnath Nandi</b> Chemical Looping Combustion For Handling Solid Wastes
9	NP/0013	<b>Amol Shegokar, S. Basu</b> Electrolysis Of Co <sub>2</sub> In Low Temperature Electrochemical Cell
10	NP/0014	<b>Pratiksha R. Kale , Dinesh S. Bhutada , D.S.Bhatkhande</b> A Technical Overview On Alternative Methods For The Separation Of Racemic Carboxylic Acids: Lactic Acid As A Compound
11	NP/0015	<b>V. Krishnaa, S. Naveen Kumara, Reema Sarkaria, A. Hari Padmasrib, Kvr Charya And A. Venugopala</b> Bio-Glycerol Utilization: Synthesis Of 2,6-Dimethylpyrazine Over Mxoy-Mcr <sub>2</sub> o <sub>4</sub> (M = Mg, Fe, Co, Ni, Cu And Zn) Catalysts.
12	NP/0016	<b>Shah Disha, Saxena Priya</b> An Inherently Safer Design Perspective
13	NP/0017	<b>G.L.Devnani , Ankita Mishra , Dr. Santosh Sharma , Dr Ram Prasad</b> Synthesis And Characterisation Of Biolubricant From Esterification Reaction Of Oleic Acid And Iso-Amyl Alcohol
14	NP/0018	<b>M. Ashwani Kumar, Ch. Venumadhav, P.Thirumala Bai, M.Surendar, N. Lingaiah, P. S. Sai Prasad</b> A Novel Tri-Reforming Process For The Production Of Hydrogen From Glycerol: Performance Of Nial <sub>2</sub> o <sub>4</sub> Catalysts

## PARALLEL SESSION – I

**MT : Mass Transfer**

**Date : 27<sup>th</sup> Dec 2014**

**5:00 PM – 7:00 PM**

**Venue: L-4**

1	MT/0006	<b>Gupta Ravikant, Vinod Kumar Yadav, Vineet Kumar, Sri Chand</b> Ultrafiltration Of Peg 9000: Study Of Resistance In Series Model And Correlation
2	MT/0009	<b>G.B.Radhika, Shyma, P.Akhil, T.Harshavardhan</b> Microwave Thin Layer Drying Model For Black Pepper (Piper Nigrum)
3	MT/0011	<b>Munna Verma, Chanchal Loha, Amarnath Sinha, Pradip Kumar Chatterjee</b> Effect Of Process Parameters On Fluidized Bed Drying Of Biomass–A Review
4	MT/0013	<b>Namburu Ravali, Heena Chaudhary, Deepmalawadhani</b> EFFECT OF Ph ON PHASE BEHAVIOUR OF MICROEMULSION
5	MT/0014	<b>Vijay Singh Sikarwar, M.G. Hemanath, V. Vinod, G. Padmakumar, P. Selvaraj, K.K. Rajan</b> Prediction Of Impurity Precipitation Pattern Over The Wire Mesh Of Integrated Cold Trap
6	MT/0016	<b>Priti Kumari , Khushboo Chaudhary, Madhu Agarwal</b> “ENERGY ANALYSIS IN Multicomponent SEPERATION BY DISTILLATION”
7	MT/0020	<b>B.Sudheer, K.Venkata Krishna, S.K.Madeena, P.Moses</b> Optimising Methods Of Oil Spills By Using Sea Food Waste (Chitosan)
8	MT/0021	<b>I. G. Chaudhary, S. V. Singh</b> Review: Solid Liquid Mass Transfer Coefficient In Two Phase Agitated Vessels
9	MT/0022	<b>Padmesh Awasthi , Dr. Santosh Sharma, Dr.Ram Prasad, G.L. Devnani</b> Liquid-Liquid Equilibrium Studies For The System Composed Of Water, Ethanol And Vegetable Oils
10	MT/0025	<b>S.Varaha Prasad ,T.Srinivas , Dr.P.Vijay, Dr. K.S.R Murthy</b> Removal Of Heavy Metal Ions From Industrial Effluents Using Low Cost Adsorbents (Batch Study)
11	MT/0027	<b>Ajay Sujan, Raj K. Vyas</b> Application Of Artificial Neural Network (Ann) And Support Vector Regression (Svr) For Developing Correlation For Hydrodynamic Parameters In Bubble Column
12	MT/0029	<b>Sandeep V. , Chandramouli G. , Anil B. Vir, S. Pushpavanam</b> Extraction Of Nitric Acid Using Tri-N-Butyl-Phosphate (Tbp) In Batch And Minichannel
13	MT/0032	<b>S. Balasubramonian, Alwin M. Tomya, D. Sivakumar, Shekhar Kumar, U. Kamachi Mudali And R. Natarajan</b> Mass Transfer Model For Miniature Rdc Using Back Flow Model

## PARALLEL SESSION – I

**NR :Novel Reactors And Catalysts**

**Date : 27<sup>th</sup> Dec 2014**

**5:00 PM – 7:00 PM**

**Venue: L-5**

1	NR/0002	<b>H. G. Manyar, B. Yang, H. Daly, R. Morgan, K. Morgan, A. Goguet, P. Hu, J. Szlachetko, J. Sá, G. D. Yadav, C. Hardacre</b> Advances In Selective Hydrogenation Of A,B-Unsaturated Aldehydes And Ketones Using Porous Manganese Oxide (Oms-2) And Platinum Supported Oms-2 Catalysts
2	NR/0003	<b>C. Beula And P. S. T. Sai</b> Enhancement Of Esterification Of Acetic Acid With Ethanol - Catalysed By Bronsted Acidic Ionic Liquids
3	NR/0005	<b>Susanta K Jana, Isha Arya And Avanish Kumar</b> Analysis Of Gas-Liquid And Gas-Liquid-Solid Foam-Bed Reactors
4	NR/0006	<b>M. Surendar, K. Upendar, B.Haribabu T.V. Sagar, N. Lingaiah &amp; P.S. Sai Prasad</b> Glycerol Steam Reforming On Co/Zro2 Catalysts
5	NR/0008	<b>Y Jyothi, Peddinti.Nagaiah, G.V. Ramesh Babu, K Murali, M Ashokraju, P Veera Somaiah, K S Rama Rao, B David Raju</b> Gas Phase Catalytic Hydrogenolysis Of Diphenyl Ether Over Nickel Supported Kit-6
6	NR/0009	<b>P. Thirumala Bai, B. Hari Babu, M. Ashwani Kumar, N.Lingaiah,V.V.Basava Rao, P. S. Sai Prasad</b> Oxidative Dehydrogenation Of Ethane Utilising Co2 Over Sulphate Modified Sba-16 Supported Cr2o3
7	NR/0010	<b>Kiran B. Dhopte And Parag R. Nemade</b> Synthesis Of Phosphotungstic Acid Grafted On Functionalized Graphene Oxide For Oxidation Of Fatty Alcohol
8	NR/0011	<b>Vimala Dhanala, Sunil K. Maity And Debaprasad Shee</b> Oxidative Steam Reforming Of Isobutanol Over Alumina Supported Nickel Catalyst
9	NR/0012	<b>K. Upendar, G. Parameswaram, J. Mahammad Rafi, N. Lingaiah And P.S. Sai Prasad</b> Formation Of Glycerol Carbonate From Glycerol And Dimethyl Carbonate Catalyzed Over Titania Nanotubes
10	NR/0014	<b>Kalpesh H. Bhadra And Ganapati D. Yadav</b> Acetylation Of Anisyl Alcohol Over 20% Caesium Substituted Tungstophosphoric Acid Supported On Meso Cellular Silica
11	NR/0015	<b>Venkata Chandra Sekhar Palla, Debaprasad Sheeand Sunil K. Maity</b> Dehydration Of Octanol Over Silica-Alumina Mixed Oxide Catalysts
12	NR/0017	<b>Nammi Balu Vara Prasad And K.Yamuna Rani</b> Modeling And Analysis Of A Novel Membrane Reactor To Integrate Hydrogenation And Dehydrogenation Reactions
13	NR/0018	<b>Thanki Mayur, Vyas Krunal, Saxena Priya And Ruparelia Jayesh</b> Studies On Effect Of Varying Composition Of Electrocatalytic Coating In Dye Wastewater Treatment
14	NR/0019	<b>M.S. Tiwari, G.D.Yadav And F.T.T.Ng</b> Kinetics Of Selective Hydrogenation Of 3, 4-Dimethoxybenzophenone In Liquid Phase Over Pd/C Catalyst
15	NR/0020	<b>Shivaji L. Bhanawase And Ganapati D. Yadav</b> Green Synthesis Of Vanillyl Mandelic Acid From Guaiacol And Sodium Glyoxylate Over Novel Silica Encapsulated Magnesium Hydroxide

## PARALLEL SESSION – I

ES : Environmental Science And Engineering

Date : 27<sup>th</sup> Dec 2014

5:00 PM – 7:00 PM

Venue: L-6

1	ES/0004	<b>Sankha Chakraborty, Mousumi Roy, Parimal Pal</b> A Techno Management Study Of Arsenic Rejects
2	ES/0005	<b>Izumi Hirasawa, Naoko Imura</b> Recovery Of Sunstance From Wastewater By Using Crystallization
3	ES/0006	<b>Kirtikishan Yandapalli, Pradeep Chalasani, Inkollu Sreedhar</b> Production Of Biodiesel From Rice Bran Oil And Ethanol Catalyzed By Calcium Oxide
4	ES/0008	<b>Pratichi Singh, R. Prasad, Rajbala And J. Pandey</b> A Novel Calcination Route For Precursor Of Nico2o4 Catalyst For Total Oxidation Of Co And Hydrocarbon Emissions From Lpg Fuelled Vehicles
5	ES/0009	<b>Manisha Choudhary, Sudarsan Neogi</b> Extraction Of Natural Coagulant From The Seeds Of Tree Moringa Oleifera To Treat Turbid Water
6	ES/0010	<b>Pankaj K. Pandey, A.N.Pathak</b> De-Fluoridation Of Water: A Review
7	ES/0011	<b>S.M.Ahuja</b> Common Problems In Industrial Cyclone Separators And Other Related Equipment
8	ES/0012	<b>Shweta Dixit, Sanjeev Garg</b> Cloning Of Azoreductase Gene From Klebsiella Species
9	ES/0013	<b>Bisweswar Das, Binay Deogam, Bishnupada Mandal</b> Rates Of Absorption Of Carbon Dioxide Into Aqueous Solutions Of Bis(3-Aminopropyl)Amine
10	ES/0014	<b>Rakhee Das, Mohammad Jawed, L. Boeing Singh</b> Public Awareness Towards Drinking Water And Acceptability Of Public Private Partnership (Ppp) In South-West Guwahati – A Case Study
11	ES/0018	<b>N.P.Uthayashunkar , S.Hariharan , P.Rajesh , A.Vivek Jor Bharath, Dr.D.Prabhakaran</b> Effective Utilisation Of Bio-Wastes In The Synthesis Of Soap
12	ES/0019	<b>Trupti Telang, M P. Deosarkar And Sanjay Kamble</b> Defluoridation Of Water Using Fe-Al Mixed Metal Hydroxides
13	ES/0023	<b>Priyanka Saini, Vijaya Kumar Bulasara, Akepati S Reddy</b> Pre-Treatment Of Textile Industry Wastewater Using Ceramic Membranes
14	ES/0025	<b>Shivabasappa K.L., Santosh T R, Rathan B</b> Plastic Waste To Fuel – Equivalent To Petrol And Diesel

## PARALLEL SESSION – I

PD : Process Dynamics And Control

Date : 27<sup>th</sup> Dec 2014

5:00 PM – 7:00 PM

Venue: L-7

1	PD/0001	<b>Pawankumar Borale And S.R. Inamdar</b> Scale-Up And Automatic Control Of A Crystallizer To Produce Large Size Crystals
2	PD/0002	<b>Rahul Thakre And S.R. Inamdar</b> Signal Processing And System Integration Of A Distillation Column With A Side-Rectifier
3	PD/0004	<b>G. Prabhaker Reddy , P. Subba Rao</b> Artificial Neural Networks Based Model Predictive Control Of A Bioreactor
4	PD/0006	<b>Susmitha Kumari. S And M. Chidambaram</b> Multimodel Identification And Control Of Relative Humidity In Ducts
5	PD/0008	<b>Santosh Shinde, Prashant Shevgaonkar</b> State Estimation Of Styrene Polymerization Using Unscented Kalman Filter
6	PD/0010	<b>Parul Arora, Alok Gupta</b> Model Predictive Control And Pid Controller To Control Molecular Weight In Batch Emulsion Polymerization: A Comparative Study
7	PD/0011	<b>Lavanya Alladi, A. Seshagiri Rao</b> Optimal H2 Imc Design Of Cascade Control Systems For Time Delayed Unstable Processes
8	PD/0012	<b>Prabhansu, Malay Karmakar, Prakash Chandra, P.K.Chatterjee</b> Technological Advancement In Circulating Fluidized Bed Gasification: Case Study
9	PD/0016	<b>Munna Kumar, Awadhesh K. Tiwari, Koteswara Rao Maradana And R.S.Singh</b> Control Of Ph Neutralization Process Using Nonlinear Adaptive Scheme Along With Self-Tuning Pid Controller
10	PD/0017	<b>Dr. Ganesh P, Sujithkumar R</b> Analysis Of Frequency Response Characteristics Of Pressurecoupled Liquid Propellant Vaporization Process
11	PD/0019	<b>Ketaki Tikekar, Ashok Kumar Verma</b> Hybrid Ann Model For Ph Control
12	PD/0020	<b>Arpit Jain, Himanshu Tyagi, Akshay Jha , Imran Rahman</b> Non-Linear Model Predictive Controller Based On Recursive Orthogonal Least Squares
13	PD/0021	<b>P. Anand, Ch. Venkateswarlu, V. Sai Pushpitha, T. Vignaytha Reddy</b> Dynamic Optimization Of A Copolymerization Reactor Using Artificial Neural Networks And Differential Evolution
14	PD/0022	<b>A.S.Pundir, Kailash Singh</b> Pid Controller Design For Cascade Cstrs: A Model Reduction Approach
15	PD/0024	<b>Madhavi V. Sardeshpande ,Suraj Gupta , Vivek V. Ranade</b> Determination Of Gas Holdup In A Gas-Liquid System In Str Using Ert
16	PD/0026	<b>Himanshu Tyagi, Arpit Jain, Akshay Jha , Imran Rahman</b> Non-Linear Model Predictive Controller Based On Recursive Orthogonal Least Squares

## PARALLEL SESSION – I

NT : Nano Technology

Date : 27<sup>th</sup> Dec 2014

5:00 PM – 7:00 PM

Venue: L-8

1	NT/0002	<b>Rajib Ghosh Chaudhuri, Santanu Paria</b> Comparative Studies On Optical Properties Of Solid And Hollow Au Nanoparticles Synthesized In Wet Chemical Method
2	NT/0003	<b>Parimala.S, Dr. Suja George</b> Synthesis Of Nano Alumina For Defluoridation Of Water
3	NT/0004	<b>Rabindranath Jana, Arijit Bhattacharya, Debajyoti Naskar, Saptarshi Chatterjee And Keka Rana</b> Performance Properties Of Poly (3-Hexylthiophene) / Fullerene Derivative (Pcbm) Based Photovoltaic Devices: Effect Of Corona Poling
4	NT/0006	<b>Sudhir K Singh</b> Effect Of Nanopatterning On Phase Transitions
5	NT/0007	<b>S. Ghosalkar , S. Aich, And B. Roy</b> Development Of Metal Doped Bismuth Vanadate (Bimevox) Nano Catalyst Systems
6	NT/0009	<b>D.B. Pal, D.D. Giri, S.K. Srikar, P.K. Mishra</b> Electrospinning Synthesis Of Cu/CeO <sub>2</sub> Composite Nanofibers And Their Characterization
7	NT/0014	<b>Soumyadip Majumder, Sudarsan Neogi</b> Influence Of Calcination Temperature And Ph On Antimicrobial Activity Of Cupric Oxide Nanoparticles Against Gram Positive And Gram Negative Bacteria..
8	NT/0016	<b>Nabakumar Pramanik , Ananta Kumar Atta, Alpna Mahapatra</b> Synthesis Of Poly Vinyl Alcohol Phosphate Modified Nanosized Calcium-Hydroxyapatite
9	NT/0018	<b>Aravindh.G1, Anand.M.L, Prasath.G, Sivakumar.P ,Thirumarimurugan.M</b> Preparation Of Carbon Nano Tubes And Its Behavior Studies
10	NT/0019	<b>Manohar A. Bhosale And Bhalchandra M. Bhanage</b> A Facile Synthesis Of Uniform Spherical Cu/Cu <sub>2</sub> O Nanoparticles With High Catalytic Activity For Buchwald–Hartwig Amination Reaction
11	NT/0020	<b>Shambojit Roy, Shaila Thakur, Sudarsan Neogi</b> Synthesis And Characterisation Of Magnetite Nanoparticles (Fe <sub>3</sub> O <sub>4</sub> ) By Co-Precipitation Technique
12	NT/0026	<b>Shabana Shaik, Shirish H Sonawane</b> Hematite And Magnetite Production Using Cavitation Method
13	NT/0027	<b>Sadanand Y. Guhe, Suresh Kharmate, Prachi Aparanji, Kishore Shindepatil</b> Anti-Bacterial Activity Of Copper Nanoparticles
14	NT/0028	<b>Monojit Chakraborty, Anamika Chowdhury, Sunando Dasgupta</b> Molecular Dynamic Simulation Of A Moving Nano-Droplet On Gradient Surfaces



## PARALLEL SESSION – I

**GCET : Green Chemistry Engineering & Technology**

**Date : 27<sup>th</sup> Dec 2014**

**5:00 PM – 7:00 PM**

**Venue: Placement Cell**

1	GC/0002	<b>Himani G. Choudhary And Dr. Seema Sekhri</b> Natural Dyeing Of Silk With Modrants Extracted From Plants And Evaluation Of Their Color Strength And Fastness Characteristics
2	GC/0003	<b>Sujit P. Chavan And Bhalchandra M. Bhanage</b> Pd/C: An Efficient And Heterogeneous Protocol For Oxidative Carbonylation Of Diols To Cyclic Carbonate
3	GC/0006	<b>Neha Mulchandani And Parin Shah</b> Making Plastics Out Of Carbon Dioxide - A Step Towards Green Environment
4	GC/0008	<b>Anandkumar B. Jain And Prakash D. Vaidya</b> Aqueous-Phase Hydrogenation Of Syringaldehyde Using Ru/C Catalyst
5	GC/0009	<b>V. Rekha, N. Raju, C. Sumana, P. S. Sai Prasad And N. Lingaiah</b> Continuous Hydrogenolysis Of Glycerol Over Alumina Supported Bi Metallic Ni-Ag Catalysts
6	GC/0010	<b>Chetana V. Baviskar And Prakash D. Vaidya</b> Hydrogen Production From Biomass Pyrolysis Liquids: A Model Compound Study Using 2-Butanone
7	GC/0011	<b>Sachin G. Bhandare And Prakash D. Vaidya</b> Mild Aqueous-Phase Hydrogenation Of Lactic Acid Using A Heterogeneous Ru/C Catalyst
8	GC/0012	<b>Abhishek Bulchandani, Priya Tyagi And Parin Shah</b> Greener And Efficient Method For Synthesis Of H-Acid
9	GC/0014	<b>Shailesh J. Patil And Prakash D. Vaidya</b> Renewable Diesel Via Catalytic Hydrotreatment Of Jatropha Oil
10	GC/0015	<b>Siddharth Sharma, Ajay K. Singh, K. C. Basavaraju And Dong-Pyo Kim</b> Flowchemistry Of Isocyanides: An Approach Towards Better Process
11	GC/0016	<b>P. Tirumala Rao, V. A. L. G. Gopala Rao And Dr. G. Sheshamma</b> Determination Of Naphthalene Oil (Dno) By Uv-Vis Spectrophotometry In Coal Tar
12	GC/0019	<b>Arun P , Satyanarayana Murty Pudi And Prakash Biswas</b> Acetylation Of Glycerol Over Sulphated Alumina Catalysts: Reaction Parameter Study