

PARALLEL SESSION – VII

AS: Agro Based Technology

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-1

1	AS/0072	Satya Sagar, Moses Punnepalli, Ritika Thaduri , CH.Ramya KINETIC STUDY OF PHENOL DEGRADATION BY USING CANDIDASLOOFFI
2	AS/0073	Neetu Singh, Uc Sharma Effect Of Different Inert Gases In Breaking The Ethanol-water Azeotrope By Diffusion Distillation
3	AS/0076	Snehasis Biswas, Vikas Kumar And Pradip Chowdhury CHROMIUM (VI) SEPARATION BY BULK LIQUID MEMBRANE TECHNIQUE
4	AS/0077	Kishore Khushalani, Akanksha Maheshwari, Shaktinath Das Adsorption And Kinetic Study Of Methyl Orange Dye Using Hen Feather As Adsorbent
5	AS/0078	Divya N. Mehta A REVIEW ON PERVAPORATION: Polymeric MEMBRANE DESIGN FOR ORGANIC LIQUID MIXTURE SEPARATION
6	AS/0083	Jitendra Kumar Singh, Sushant Upadhyaya , S. P. Chaurasia Experimental Study On Water Desalination By Vacuum Membrane Distillation (Vmd)
7	AS/0091	A.Muthu Kumara Pandian, S.Venatesh Babu, C.Karthikeyan And M.Rajasimman HYDRODYNAMICS AND OPTIMIZATION STUDIES IN A FLUIDIZED BED BIOREACTOR WITH LOW DENSITY BIOMASS SUPPORT FOR TANNERY WASTEWATER TREATMENT
8	AS/0085	M.Rajasimman, S.Sathian, C.Karthikeyan Application Of Statistical Design For The Optimization Of Process Parameters In A Modified Sbr For Textile Dye Wastewater
9	AS/0086	Somiron Borthakur, Panchali Bharali And Swapnali Hazarika PAMAN DENDRIMER BASED MEMBRANE FOR CO2/N2 SEPARATION
10	AS/0087	M M Bora And Swapnali Hazarika SEPARATION OF ROTTLEIN DYE FROM RAW PIGMENT OF MALLOWUS PHILIPPENSIS (GONGAI) FRUITS THROUGH REACTIVE EXTRACTION PRINCIPLE
11	AS/0089	Kavya S. Kumar, Venugopal Tammishetti, Kaustubh Joshi, Pradip And Beena Rai Design Of Experiments Studies To Optimize THE SELECTIVE DISPERSION-FLOCCULATION PROCESS FOR BENEFICIATION OF ALUMINA RICH IRON ORE SLIMES

PARALLEL SESSION – VII

GCET: : Green Chemistry Engineering & Technology

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-2

1	GT/0046	Patil Pravin, Prof. Ganapati D Yadav Discovery And Characterization Of A Highly Efficient Biocatalyst By Phylogeny-Based Enzymatic Substrate Specificity Prediction
2	GT/0054	Wasim Ahmed , Princy Gogoi, Sonia K.Samson, T.R.Manikkandan, P.Kantha Bhabha Two Stage Hydrogen Production Using Maize Stalk Hydrolysate
3	GT/0055	S.Indhumathi, S. Aarthi Priya, Sonia K.Samson, T.R.Manikkandan, P.Kantha Bhabha Effect Of Pretreatment Methods On Biohydrogen Production From Maize Stalk
4	GT/0056	Sahil Inamdar, Bhoomika Sheth, Akshay Tharval Lemon Batteries As A Substitute To Conventional Fuel
5	GT/0058	S C Patankar, A G Sharma, G D Yadav Selective Hydrogenation Of Succinic Acid To γ -Butyrolactone Using Alumina Aerogel And Xerogel Supported Mono And Bimetallic Catalysts
6	GT/0059	Govind V Waghmare, Virendra K. Rathod Immobilized Lipase Catalyzed Hydrolysis Of Waste Cooking Oils
7	GT/0060	Sujeet Kumar, Atul Sharma, Amritanshu Shukla, Jaya Joshi Thermal Performance Studies Of A Test Cell Having Phase Change Materials
8	GT/0061	Mahesh R Nimkarde, Prakash D. Vaidya Biofuels: Comparison Between Biodiesel And Renewable Diesel
9	GT/0062	Karan Mathur, Rahul Godara Production Of Fuel From Algae
10	GT/0063	Rayan Kundu, Biswajit Debnath Green Computing: A Review
11	GT/0064	Abhijit Deepak Talpade, G. D. Yadav Selective Hydrogenation Of 5-Hydroxymethyl Furfural (Hmf) Using Bimetallic Nanocatalyst: A Greener Approach
12	GT/0067	Swati Misra,Varsha Sharma and A.K. Srivastava Development of an efficient and a cost effective process for Poly-3- hydroxybutyrate (PHB) production from cheese whey by Bacillus megaterium

PARALLEL SESSION – VII

BC: Bio Chemical Engineering

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-3

1	BC/0002	Mahendra Singh, Harsh Dubey, Mahrshi Trivedi, Mrnarasimhareddyavuru Prospective And Development Of Biobutanol From Sugarcane Bagasse For Use As Biofuel
2	BC/0003	Sebakranjan Roy, Amalesh Sirkar Aqueous Phase Mass Transfer Coefficient Correlation For Simultaneous Fermentation And Extraction Process Of Ethanol Production Under Agitated Condition
3	BC/0004	Robinson Timung, Vaibhavvasantgoud Essential Oil Extraction From Java Citronella (<i>Cymbopogon Winterianus</i> Jowitt) Using Hydro-Distillation
4	BC/0005	Soubhik Kumar Bhaumik, Rick Sundar, Salman Ahmed Particle Sorting Using Dielectrophoresis
5	BC/0006	Tripti De, Jaya Sikder, C. M. Narayanan Design And Analysis Of Bioreactors For Biodiesel Synthesis
6	BC/0007	Avinash Chandra, Sanjana Bansal Extraction Of Essential Oil From Curcuma Longa L.
7	BC/0015	Jayaprakash C, Chittraran M, Riswan Ali Sb Process Parameter Based Optimization On Pectinase Production Using Aspergillus Awamori And Aspergillus Niger
8	BC/0017	Chandrima Chakraborty, Ranjanachowdhury, Pinaki Bhattacharya Study On Non-Ideal Behavior Of An Anaerobic Filter (Af) Undergoing Biodegradation Of Oleic Acid Based Synthetic Effluent
9	BC/0018	Ch.Vramachandramurthy, K.Dayana, Ch.V.N. Sowjanya Studies On Biosorption For The Removal Of Cr (Iii) From Aqueous Solution Using Marine Macro Algae
10	BC/0101	Prernagoyal, Siddharth Jain Hydrothermal Pretreatment Of Biomass Field Straw For Bioethanol Production

PARALLEL SESSION – VII

PM: Process Modeling And Simulation

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-4

1	PM/0055	Moiz Bookwala, Sonali Bhattacharjee, Prof. Arvind Prasad COP For Refrigerants Using Economizer And Cascade Cycle
2	PM/0056	Dharmansh, Paresh P. Chokshi Electro-Hydrodynamic Stability Of Electrified Jet
3	PM/0057	A. Hari Priya, B. Lalita, P.Mythili, P. Kalpana Modeling and Simulation of Metal Ingot Reheating Process in A Soaking Pit
4	PM/0058	K Bethanavel, Abhishankar Kumar, Sridharakumar Narasimhan Analysis Of Input Signal Performance For Identification Of Distillation Column
5	PM/0059	P. Swapna Reddy, K.Yamuna Rani, Sachin C Patwardhan Prediction Of Phase Stability Using Artificial Neural Network (Ann) Model: Application To A Reactive Batch Distillation Process
6	PM/0060	Aniruddha Kulkarni , Prasad Pawar, Chirayu Thakur, Prof. P.N.Dange Modeling And Simulation Of Air Pollution From Stationary Sources
7	PM/0061	P. N. Gangadhar, V. Sumanth Choudhary, G. Harish, S. V. Lakshmi, I. R. Srinivas Modeling And Simulation Of Ethyl Acetate Reactive Distillation Column Using Aspen Plus Software
8	PM/0062	Uttya Das, Sourav Moldal, Sneeegdharoop Bhattacharyya, Dr. Monal Dutta, Dr. Jayanta K. Basu Shirking Core Model For Prediction Of Inter Particle Mass Transfer Coefficient And Effective Pore Diffusivity For Adsorption Of Direct Dye
9	PM/0064	Aishwarya Aloni, Priyadarshini Lenka, Parag Saxena Development Of Models For The Prediction Of Properties Of Blends Of Biodiesel
10	PM/0067	Priyanka Sen, Soumya Bhattachariya, Deblina Mukherjee, Anurag Kumar, Dr. Monal Dutta Response Surface Methodology For Prediction Of Adsorption Capacity Of Acacia Char
11	PM/0068	Dr. M.J.Khalil, Kartik Sharma A Model For Heat Transfer Of Gas Flow In A Packed Bed Reactor

PARALLEL SESSION – VII

FT: Food Technology And Food Security

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-5

1	FT/0002	Aruna Singh , Mahesh Ganesapillai, Aswinvenugopal, V.Ananth Krishna And N.Tapankrishna Response Surface Methodology, Kinetic Modeling And Fourier Transform Infrared Analysis For Extraction Of Betanin From Beta Vulgaris
2	FT/0003	G S Nirmala, Melvin Mathew, Dipankarsarmah, , And Aruna Singh Osmotic Dehydration Coupled With Microwave Drying Of Musa Acuminata: Kinetics And Optimization
3	FT/0004	G.B.Radhika, Shyma, N.Annapurnadevi,G. Sai Anudeep Drying Characteristics Of Microwave Dried Bay Leaves
4	FT/0006	Debolina Banerjee, Monojit Chowdhury , Sauradeepmajumdar, Ranjana Chowdhury, Pinaki Bhattacharya Parameter Optimization Of Microencapsulation Of Lactobacillus Casei (Ncim) Through Rice Bran Oil Based W/O/W Type Internal Gelation
5	FT/0008	A. Maheshwari, S. Bajpai, S. Gautam, A. Gautam, S. Agrawal Application Of Box-Behnken Design For Pumpkin Drying
6	FT/0010	S. Kumar, Shivam Agrawal, S. Gautam, A. Gautam, S. Agrawal Experimental Study For The Drying Kinetics Of Pumpkin
7	FT/0012	Pankaj T. Hulke, Satya Vir Singh Mathematical Modelling Of The Thin Layer Drying Of Pointed Gourd (Trichosanthes Dioica)
8	FT/0013	Pranalip. Chiplunkar, Amit P. Pratap Synthesis Of Hydroxylated Lecithin As An Emulsifier
9	FT/0018	Suryakala. C, Anhuradha. S, Aruulvizhiy. A Solid-Liquid Extraction Of Total Antioxidants And Phenolic Contents

PARALLEL SESSION – VII

DD: Drug Delivery System

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-6

1	DD/0001	M. Venkateswararao And C. V. Subrahmanyam Hydrogenated Rice Bran Oil With Least Trans Isomer Content-Optimization Of Reaction Parameters
2	DD/0002	Srishti Gupta, L.H. Kao, Kan Sen Chou Aggregation Behavior Of A-Nickel Hydroxide Particles
3	DD/0102	A.Tiwari, A. Keshav, S. Bhawmick Esterification Of Acetic Acid With Ethanol Using HomogeneousCatalyst
4	DD/0003	Pragati Gupta, Ashutoshupadhyay ,Vimal Kumar Computational Modelling Of Fire Smoke In An Atria
5	DD/0005	Roushan Kumar Singh, Monideepakarmakar , Abhishek Kumar Modelling And Simulation Of Reactive Distillation For The Production Of Bio Diesel Using Aspen Plus
6	DD/0101	Dnyaneshwar V. Bhand, Anand V. Patwardhan 2-Keto-L-Gulonic Acid Production From D-Sorbitol By Co-Culture Of Gluconobacter Oxydans Nrri B-755 And Xanthomonascampestris Mtcc 2286 In Submerged Fermentation: Optimization Using Response Surface Methodology
7	DD/0103	Shashi Kumar,Vivek Chaudhary The Trends And Future Of Polymer Processing: A Review
8	DD/0105	Rakesh Gupta, Beena Rai Molecular Dynamics (Md) Simulatons Of Skin Lipid Bilayers: A Comparison Of Atomistic And Coarse Grained Results
9	DD/0104	Neeraj K. Garg ,S.P. Vyas, Bhupinder Singh, O.P. Katare Stimuli Responsive Surface Engineered Polymeric Nanocarriers For Targeted Delivery Of Methotrexate
10	DD/0106	Aditya Pareek, Praduman Arora, Venkataramanarunkana Mathematical Modeling As A Tool To Design Biodegradable Polymer Based Drug Delivery Systems
11	DD/0107	Y. P. Bhalerao, S. J. Wagh Encapsulation Of Pharmaceutically Active Ingredients Thymol, Epicatechin, Catechin And Amyrins: A Review
12	DD/0108	Kishore Gajula, Sanjeev Garg Reverse Engineering The Controlled Drug Delivery Devices: Forward Problem: Modeling Structure Property Relationships

PARALLEL SESSION – VII

CT: Carbon Technology & IP: IPR and patents

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-7

1	CT/0006	Ch. Anjaneyulu, KVR Chary and A. Venugopa Rare Earth Metals (Me=La, Pr, Nd, Gd And Sm) Doped Ni-Al ₂ O ₃ Ht Precursors For Cox Free Hydrogen Production By Catalytic Decomposition Of Methane
2	CT/0002	Abhishek Kumar, Gautam Ganeshan, P.K Senapati Optimization Of Dolochar-Coal Mixture Ratio For Gasification For Better Utilizaion Of Dolochar
3	CT/0003	J.V.S. Murty , P.V.V.K.S. Ganesh, D. Vinay Kumar, K. Uma Sai Mahesh4, G. Bhagya Malleswari, P. Lalitha Swathi, C.V. Nageswara Rao Production Of Mesophase Pitch From Coal Tar Suitable For High Modulus Carbon Fibers
4	CT/0004	Malik Parveez, Dr. N.S. Khan, Sumeet Hera, Pankaj Kumar Das, Goverdhan Singh Experimental Determination Of Vapour-Liquid Equilibrium Data For The Binary Mixtures Isobutyl Alcohol/Dibutyl Ether At 81.3 Kpa
5	CT/0101	Surinder Singh, S K Sharma Gossypol Properties, Toxicity And Medicinal Applications
6	IP/0001	Dr.J Savitri, J.V.S Murty, M.V.P.S.Abhishek, P.Narsingha Rao2 Contribution Of Ipr Through Chemical Field For The Growth And Development Of Country's Economy

PARALLEL SESSION – VII

FM: Fluid Mechanics And CFD

DATE : 30th Dec 2014

11:30 AM – 01:00 PM

Venue: L-8

1	FM/0049	Dipin S. Pillai, S. Pushpavanam Stability And Jetting - Bubbling Transition Of Gas-Liquid Flows In Microchannels
2	FM/0050	Avinashsahu, S. Pushpavanam Holdup Study Of Newtonian-Non Newtonian Two Phase Flows In Microchannel
3	FM/0051	Jason R. Picardo, P. Garg, S. Pushpavanam Two-Phase Stratified Flow In Curved Microchannels
4	FM/0053	Gude D S V Nagendraharikishan, Kodevenkateswara Rao, D.Prafulkumar, ,B.Sreenivasulu Mixed Convection Flow Simulation In A Parallelogram With Uniform And Non Uniform Heating
5	FM/0054	Saroj K. Panda And Vivek V. Buwa Simulations Of Homogeneous And Re-Circulatory Gas-Liquid Flow In A Bubble Column Using Openfoam
6	FM/0055	B. Ghosh, B.K. Dutta And R.K. Singh Modeling And Analysis Of Bubble And Spike Evolution In Rayleigh-Taylor Instability
7	FM/0057	Parulyagi, Vivekbuwa Numerical Simulations Of Dense Disperged Gas-Liquid Flows In A Rectangular Bubble Column
8	dd6/0018	KARNAIL SINGH Centrifugal Compressors In Chemical Industry-Design And Selection