

PARALLEL SESSION – VI

SM: Smart Materials

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-1

1	SM/0001	Nirupama, V. K. Agarwal, Shishir Sinha Effect Of Coir Fiber Incorporation In Banana Fiber/Ldpe Composites
2	SM/0002	Nainsi Saxena, Santanu Paria Self-Assembly Of Sodium Carboxymethyl Cellulose On The Glass Surface From Evaporating Drops
3	SM/0003	Siddharth Mishra Sweta Sarangi A Simplified Electrochromic Device Based On Polyaniline And Pmma(Polymethyl Methacrylate) Supported Solid Gel Electrolyte With Improved Contrast Ratio And Higher Stability.
4	SM/0008	Jitender Paul Sharma, K. Yamada, S. S. Sekhon Development And Characterization Of Peo Based Plasticized Nanocomposite Polymer Electrolytes Complexed With Nh ₄ hf ₂
5	SM/0010	Neha Mulchandani, Yuvrajsinh Solanki, Nimish Shah Stimuli Responsive Polymers – The Evolution Of Smart Future
6	dd6/0021	Dipak Gangapatnam, Ashok Kumar Verma Development Of Electrochemical Chemical Sensors

PARALLEL SESSION – VI

CTH: Chemical Thermodynamics

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-2

1	CTH/0023	K. Hemalatha, K. Yamuna Rani A Study On Solubility Enhancement Of Salicylic Acid In Water Through Hydrotrophy
2	CTH/0029	Amrita Mukherjee and Sarma V. Pisupati Effect Of Surface Characteristics Of Carbonaceous Solids On Slurry Viscosity
3	dd6/0014	Darpan H. Savaliya, Paresh H. Rana Effect Of Various Salts On Isobaric Vapor–Liquid Equilibria For Acetic Acid – Water System
4	CTH/0030	Ruchika Thakur, Sanghamitra Barman Synthesis Of Cumene By Transalkylation Over Large Pore Zeolite
5	CTH/0021	Kangana P. Bhatt, Pravin Kodgire, Sukanta K. Dash Densities And Viscosities Of Aqueous Solutions Of Pz, (Amp+Pz) And (Amp+1-Mpz) At 313 K And 323 K
6	CTH/0024	Nilesh Vijay Ranea, Dr. B. Satyavathia Vle Data Predictions For Ternary System By Using Binary Vle Measurements At Sub-Atmospheric Pressure Of 350 MmHg And Simulations Using Aspen Plus
7	CTH/0027	Ashvin L. Karemore, Prakash D. Vaidya Thermodynamic Analysis Of Dry And Mixed Reforming Of Methane For Synthesis Gas Production

PARALLEL SESSION – VI

RH: Rheology & HC: Health Care

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-3

1	RH/0001	Amrita Mukherjee And Prof. Sarma V. Pisupati Viscosity Of Carbonaceous Solids-Water Slurry: Influence Of Surface Properties
2	RH/0002	Vijay Bhate, Santanu Paria Effect Of Electrolyte Solutions On Sunflower Oil Water Interfacial Tension In Presence Of Surfactants
3	RH/0003	Rajani S, Chiranjib Banerjee, Rajib Bandopadhyay, Mandira Mukherjee & Padmini Padmanabhan Biofloculant: A Rheological Approach
4	RH/0004	Ankita Taneja, Sudheshna Moka, Ashok N. Bhaskarwar Rheology Of Biliquid Foams
5	RH/0006	Vinayak V Ghadi ,Prof. K.I.Patil,Dr. S.V.Anekar Experimental Study Of Dispersed Phase Concentration And Relative Viscosity Of Oil-Water Emulsion
6	HC/0001	Dhiraj Mehta, Suja George Effect Of Calcination On In-Vitro Synthesized Of Hydroxyapatite
7	HC/0002	Ayantika Sett, Rashmi Ghosh, Sunando Dasgupta SALT ASSISTED PATTERN FORMATION OF LYSOZYME IN PHOSPHATE BUFFER
8	HC/0003	Shubhatam Sen, Monojit Chakraborty, Snehasish Maitra, Swagata Dasgupta, Sunando Dasgupta OSCILLATING ELECTRIC FIELD DISINTEGRATES PREFORMED FIBRILS OF HUMAN SERUM ALBUMIN
9	HC/0004	Pranesh Padmanabhan, Narendra M. Dixit Modeling The Dynamics Of Viral Infections Unravels The Origin Of Synergy Between Drugs

PARALLEL SESSION – VI

PE: Polymer Science And Engineering & BP: Bio Polymers

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-4

1	PE/0016	Deepak K. Kurhe And Radha V. Jayaram Poly (N-2-Aminoethylacrylamide) Grafted Polystyrene-Cu (Ii) – A Green Catalysts System For The Conversion Of Aldehydes To Amides
2	PE/0019	Utkarsh Gupta,Shraddhaawasth Dr. P.K.Mishra Synthesis And Characterization Of Polyurethane Foam By Liquefaction Using Bamboo
3	PE/0020	Ranajit Mondal, Susmita Mishra Synthesis And Characterization Of Potato Starch Based Films
4	PE/0022	Gaurav Madhu, Haripada Bhunia, Pramod K Bajpai Oxo-Biodegradable Hdpe/Pla Blends: Preparation, Characterization And Biodegradability
5	PE/0025	Prodyut Dhar, Umesh Bhardwaj, Amit Kumar And Vimal Katiyar Poly (3-Hydroxybutyrate)/Cellulose Nanocrystals Films For Food Packaging
6	BP/0001	Sumita P. Panchal, Dr.Bina R.Sengupta Removal Of Nickel From Dilute Aqueous Streams Using Protonated Calcium Alginate Beads

PARALLEL SESSION – VI

HT: Heat Transfer

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-5

1	HT/0022	Avinash Chandra, Jagjit Singh, V.K. Sangal Forced Convection Heat Transfer In Agitated Vessel Equipped With 4-Blade Pitched Turbine
2	HT/0024	Meenakshi, Rahul Kunnath, Amol Raykar, A. Venuvinod Cfd Simulation For Heat Transfer In Double Pipe Helical Heat Exchanger Using Nanofluid
3	HT/0025	Marungsha Swrang Brahma, Salman Ahmed, Soubhik Kumar Bhaumik FREE CONVECTIVE COOLING OVER MICRO HEAT SINKS
4	HT/0026	Vijaya Kumar Talari, R C Sastry , T.Sunil Kumar EXPERIMENTAL STUDIES ON A CORRUGATED PLATE HEAT EXCHANGER
5	HT/0032	Manish Kumar, M. Andey, B. Verma, K. K. Srivastava EXPERIMENTAL STUDY OF FRICTION FACTOR AND HEAT TRANSFER IN MICROTUBE USING NANOFLUIDS
6	HT/0013	Varun S, Surywanshi Gajanan D, R C Sastry, B Sreedhara Rao CFD SIMULATION STUDIES IN WAVY CORRUGATED CHANNELS IN PLATE HEAT EXCHANGERS

PARALLEL SESSION – VI

ES: Environmental Science And Engineering

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-6

1	ES/0099	Amitava Bandyopadhyay And Sandip Kumar Ghosh Hydrodynamics And Adsorptive Removal Of Methylene Blue In A Tapered Bubble Column
2	ES/0101	A.K.De And A.Bandyop1dhyay Adsorptive Removal Of Methylene Blue Onto Zinc Cchloride Treated Ric Ehusk Ash
3	ES/0060	Swati Khanna , V.K. Rattan Salt Effect On Vapour Liquid Equilibrium Of Acetic Acid - Water System : A Review
4	ES/0062	Dimple Lakherwal, V. K. Rattan Removal Of Nickel From Aqueous Solution Using Fluidised Bed Reactor
5	ES/0066	Anamika Choudhary,Yamini Mahajan,Amruta Nair Radioactive Waste Management:Development Of Pyro-Processing And Vitrification
6	ES/0107	Kamini Shivakumar, S. Banerjee And D. Parvatalu Simulation Studies On Hi Decomposition In Thermochemical Iodine-Sulfur Cycle

PARALLEL SESSION – VI

AB: Agro Based Technology

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-7

1	AB/0001	Dr Ranjana Yadav Evaluation Of Cassava Flour As Extender In Plywood Adhesive
2	AB/0005	Sanham Sulaiman, Jaseel V. P, Muhammed Nishad T. P, Sivakumar.P Microalgae: A Boon For Future Era
3	AB/0009	Dinde Nikita, Lokanath Nidya, Lad Prajakta Microwave Assisted Synthesis Of Epoxidized Soybean Oil And
4	AB/0011	Shaikh Taha, Shelke Sarika, Raut Rajendra Ethanol From Corn
5	AB/0013	Moradiya Keyur, Raut Rajendra , Tadkar Pravin Comparitive Study Of Different Pretreatment Methods On Wheat Straw

PARALLEL SESSION – VI

MS: Membrane Science Technology

Date : 30th Dec 2014

10:00 AM – 11:00 AM

Venue: L-8

1	MS/0022	Chinna Kaniganti, Shubham Gupta, Mohd. Adil, Manikanta Prasad Preparation And Characterization Of Silver Ceramic Composite Membrane Using Electroless Plating
2	MS/0023	Arpit Jain Membranes for Waste Water Treatment Using Solar Technology – A Clean Technology for Clean Water
3	MS/0024	Vikas Kumar, Santosh Hippale , Raghubansh Kumar Singh and Pradip Chowdhury Separation Of Lignosulfonate From Aqueous Solution Using Bulk Liquid Membrane Technique
4	MS/0025	Richa Sharma, Amit Kumar, Rajesh K. Upadhyay Process Optimization of Palladium Membrane for Hydrogen Separation
5	MS/0027	Harjot Kaur, Vijaya Kumar Bulasara, Raj Kumar Gupta The Study Of Physical Properties Of The Ceramic Membranes Based On Their Carbonate Composition
6	MS/0001	Haresh K Dave, Tejal M Patel, Kaushik Nath Feasibility Of Pervaporation For The Separation Of Acetic Acidwater Mixture Using Surface Modified Pva Membrane