

TECHNOSCAPE¹⁶

LIST OF SELECTED / WAITLISTED ABSTRACTS

Manuscript ID	Author(s)	Title of Abstract	Organization	Contact Info
TSEBM/127440	Prithvi Simha, A. Singh, A.B. Pandit	On the Behavior, Mechanistic Modeling and Interaction of Soil Biochar and Crop Fertilizers in Aqueous Solutions	School of Earth, Atmospheric and Environmental Sciences, University of Manchester, Manchester, UK.	prithvi.simha@mespom.eu/ +447493133017/ +36309475385
TSCPD/127021	R. Trivedi, T. Renganathan K. Krishnaiah	Hydrodynamic Studies in Continuous Countercurrent Bubble Column: Flow Regimes, Pressure Drop and Gas Holdup	Indian Institute of Technology Madras (IIT), Tamil Nadu, INDIA..	rahul.trivedi455@gmail.com / +91 9789073637
TSCST/127180	Sukanchan Palit	Recent advances in ultrafiltration and microfiltration- a broad scientific perspective and a far-reaching review.	University of Petroleum and Energy Studies, Dehradun, INDIA.	sukanchan68@gmail.com/ +91 89587 28093
TSEBM/127444	Fenila F. Yogendra Shastri	Optimal control of enzymatic hydrolysis of lignocellulosic biomass	Indian Institute of Technology Bombay (IITB), Mumbai, Maharashtra, INDIA.	fenila@iitb.ac.in

TSEHW/127502	Kunal Gupta, M. Ganesapillai	Agronomic effect of struvite recovered from human urine on Trigonella foenum-graecum	VIT University, Vellore Tamil Nadu, INDIA.	drmaheshgpillai@gmail.com +91 9790299447
TSEWR/127520	David Tomy	Microbial Fuel cells: review on potential possibility of being a sustainable energy source.	Colorado State University, Fort Collins, CO 80523,USA.	davidtomytomy92@gmail.com
TSCPD/127024	Chitra Devarajulu, L. Muruganandham	Effect of impeller blade thickness on the critical impeller speed required to suspend solid particles in an agitated vessel	VIT University, Vellore, Tamil Nadu, INDIA.	dchitra@vit.ac.in
TSBBS/127241	Swapnali S. Pawar, I. Regupathi, Prasanna B D.	Reverse micellar partitioning of BSA with novel system	National Institute of Technology Surathkal, Karnataka, INDIA.	swapnali1706@gmail.com / + 91 7813042590
TSCRE/127122	Pandian Elavarasan , Kishore Kondamudi, Sreedevi Upadhyayula	Process Parameter Optimization by Response Surface Method In Batch Alkylation of Phenol With tert-Butyl Alcohol Using Ionic Liquid Catalyst	Indian Institute of Technology Delhi (IITD), New Delhi, INDIA.	sreedevi@chemical.iitd.ac.in
TSCRE/127120	Munna Kumar, R. S. Singh	Comparison of Non-linear, Linearised 2 nd order and Reduced to FOPDT Model of CSTR Using Different Tuning Methods	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	mkumar.rs.chel4@itbhu.ac.in / +91 8604318136
TSPAF/127390	A.Magesh, B. Preetha	Bioconversion of Pretreated Lignocellulose to Ethanol	Annamalai University, Annamalainagar, Tamil Nadu, INDIA.	mageshmagesh61@yahoo.co.in /+91-9786787471

TSBBS/127242	A. Ashok Kumar, S. Rengadurai, B. Preetha, P. Elavarasan	Determination of mass transfer coefficient to develop a mass transfer model for the degradation of textile effluent in a packed bed reactor using immobilized Trametes hirsuta	Periyar Maniammai University, Thanjavur- Tamil Nadu, INDIA.	ashokkumar@pmu.edu / +91-9789670874
TSCPT/127163	Rajeswari M Kulkarni, Anirudh Acharya, Prasad Bhat, Revanth T	Removal of Crystal Violet Dye from aqueous solution using Water Hyacinth: Equilibrium, kinetics and thermodynamics study.	M.S.Ramaiah Institute of Technology, Bangalore, Karnataka, INDIA.	rmkulkarni@msrit.edu / + 91 8023600822
TSBPH/127285	Subhagar Seraman, Aravindan Rajendran	Fermentative Production of Lovastatin – An Anti-Cholesterol Drug	University of Minnesota, Saint Paul, Minnesota, USA.	subhagarraja@gmail.com / +919994197970
TSBPH/127286	Harish.G , Sivashankar.M , Senthil Kumar.S	Characterisation, In-vitro Cyto-toxicity, Cell line studies on Anti-Cancer and Anti-diabetic Activity of Abhrak Bhasma	VIT University, Vellore, Tamil Nadu, INDIA.	harishgopinath4u@gmail.com
TSEWR/127523	Aghera P. R., Kanani A. B., Bhatt N. S.	Enzymatic Deconstruction of Agro Waste for Biofermentation and Biofuel Production	Gujarat Vidyapith, Sadra, Gandhinagar, Gujarat INDIA.	bhatt@gujaratvidyapith.org
TSCMD/127042	Kamble Ashwin, A. Saratbabu, V. Ramsagar	Development of Liquid Permeation Reverse Osmosis Membrane Model in Aspen Custom Modeler	National Institute of Technology, Warangal, Telangana, INDIA.	kambleashwin49@yahoo.com

TSCFZ/127141	S. Narasimha Reddy, P. S. T. Sai	Segregation of Intermediary Binary Mixture of Solids in a Continuous Liquid Fluidized Bed.	Indian Institute of Technology Madras (IITM), Tamil Nadu, INDIA.	snr818iitm@gmail.com / +91 9940547998
TSEGR/127540	B.S. Naveen Prasad, Zaid Arif , Manish Kumar, K. Govindaraju, V. Ganesh Kumar	Green Synthesis of Zirconia Oxide (ZrO ₂) Nanoparticles by Neem Leaves and their Photocatalytic Activity	Sathyabama University, Chennai, Tamil Nadu, INDIA..	bsnaveenprasad@gmail.com / + 91 97902 99447
TSBBS/127249	Ashwin Govindan Nair	Bioremediation of soils contaminated with polycyclic aromatic hydrocarbons.	Colorado State University, Fort Collins, CO 80523,USA.	ashwin92@rams.colostate.edu
TSCMD/127040	Dharani G B, Tirumala Rao Koka, Arun Tom Mathew	Numerical Evaluation of Different Valve for the Quick Opening Scenario in a Single Stage Gas Gun	Honeywell technology solution, Bangalore , Karnataka, INDIA..	dharanig.b2014mcd0025@vit.ac.in / + 91 9008164419
TSBPH/127284	Mahesh Jayan, Prayag Bansal, Prithvi Simha, M. Ganesapillai	Reduction of Pharmaceutical Residues in Source Separated Human Urine	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSPAF/127380	P.Sreedhar, C.Bharadwaj Kumar, G.Prabhakar	Production of Biodiesel from used Sunflower Oil by Transesterification Process	Sri Venkateshwara University, Tirupati, Andra Pradesh, INDIA.	cbkumar007@gmail.com/ +91 9849284463

TSPOR/127360	B.M. Das, S.B. Gogol	Micellar-Polymer for Enhanced oil Recovery for Upper Assam Basin	Dibrugarh University, Dibrugarh, Assam, INDIA.	Borkhadas2014@gmail.com
TSCPD/127020	S. Sam David, T. Renganathan, K. Krishnaiah	Cocurrent Downward Liquid-Liquid Extraction Column: Flow regime, phase holdup	Indian Institute of Technology Madras (IIT), Tamil Nadu, INDIA.	samdavidphdiitmadr@gmail.com / +91 9894400940, 044-2257-4186
TSEEN/127472	Mathilde Cegretin, Prithvi Simha	Assessment of the Acid Mine Drainage and Heavy Metal Pollution in North Anglesey, United Kingdom	The University of Manchester, M13 9PL, UNITED KINGDOM Central European University, Budapest, HUNGARY.	prithvi.simha@mespom.eu/ +447493133017
TSBBS/127243	Vidya. R, Divya.K	Environmental Sustainability by Degradation of Tannery Effluents Using Macro and Micro Fungi	VIT University, Vellore, Tamil Nadu, INDIA.	rvidya@vit.ac.in / 04162202327
TSCSC/127200	V.Venkatesu, P.NarendraMohan, Md.TouseefAhmad, B.Purna Chandra Sekhar, G.Deepak	Markov Chain analysis of Pitting Corrosion in Underground Gas Transmission Pipelines to Prevent from the Failures.	Acharya Nagarjuna University, Guntur- Andhra Pradesh , INDIA.	venkatesu57@gmail.com / +91-9949713496
TSCPT/127161	E.Vasanth Kumar, L.Anitha Jegadeeshwari, N.Arunodhaya, D.Vidhya Lakshmi,	Bio-Availability Enhancement of Resveratrol Using an Eco Friendly Hydrotropic Phenomenon	A.C. College of Technology, Anna University, Chennai, Tamil Nadu, INDIA.	n_nagendra2002@yahoo.com

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TSMIS/127561	Jeevanantham. A.K, Rajeshkannan A	Topology and Shape Optimization of Gear Casing using Finite Element and Taguchi based Statistical Analyses	University of the South Pacific, Laucala Campus, Suva, FIJI	akjeevanantham@vit.ac.in/ + 91 9488044330;
TSCPD/127022	A. Arunagiri, N. Yasvanthrajan, R.V.G.K.Gowda, M. P. Kalaichelvi	Performance Of Single Panel Liquid To Air Membrane Energy Exchangers Using Air And $MgCl_2$ Solution	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	aagiri@nitt.edu / +91-431-2503114
TSBFT/127260	Vaisali Chandrasekar, Prasanna D Belur, Regupathi I.	Effect of Hydroxybenzoic Acids as Antioxidants on the Oxidative Stability of Sardine Oil	National Institute of Technology Surathkal, Karnataka, INDIA.	vaisali31@gmail.com / + 91 7411526536
TSCST/127181	S. Gokul, Avinash Jeyaram, K. Rambabu, S. Velu	Zirconium oxide nanoparticles blended polyethersulfone ultrafiltration membranes for enhanced dye removal in wastewater	VIT University, Vellore, Tamil Nadu, INDIA.	rambabu.k@vit.ac.in
TSEGR/127542	S. Suresh, Rajani Bharati	Green synthesis of ZnO nanocatalyst from palash leaves powder for treatment of petrochemical effluent	Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, INDIA.	sureshpecchem@gmail.com / + 91 8989005393

TSCMS/127000	Mohammed Imran, Mohammed Mohsin Ali, Syed Saleem Pasha, Syed Zamee	Development of Tribological Properties of Steel by Chromium Oxide and Titanium Oxide Coating	Ghousia College of Engineering, Ramanagaram ,Karnataka, INDIA.	mechmdimran@hotmail.com
TSPAF/127391	Chozhavendhan S, Praveen Kumar R, Bharathiraja Balasubramanian, Jayakumar Mani	Substantial Purification of Waste Glycerol – A Byproduct of Biofuel Industry its Product Characterization	Haramaya University, Dire Dawa, ETHIOPIA.	scv.ibt@gmail.com, drjjkumar2012@gmail.com / 99420 93207
TSCRE/127121	Aditya Prajapati, T. Renganathan, K. Krishnaiah	Kinetic studies of CO ₂ capture using dry K ₂ CO ₃ in a fluidised bed reactor	Indian Institute of Technology Madras (IIT), Tamil Nadu, INDIA.	aaditya.prajapati@gmail.com / +91 9962878150
TSEEN/127464	S.R.Geed, A.K.Shukla, M.K. Kureet, R.S.Singh, B.N.Rai	Biodegradation of Malathion Pesticide in Continuous Packed Bed Bioreactor by Isolated Bacillus sp.S4	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	sachinelite.geed@gmail.com / +91 8960535692
TSBBS/127240	D. Ramyadevi, I.VishnuPriya, D. Sivanraj, G.Umamaheswari, S. Saravanan,	Effective separation & partitioning of protein from shrimp waste in polyethylene glycol / sodium citrate aqueous two phase system	Anjalai Ammal Mahalingam Engineering College, Kovilvenni, Tamil Nadu, INDIA.	dramyachem@gmail.com
TSEWR/127521	Sonali P. Tajane, Priyanka P. Jatav, S. A. Mandavgane, S. B. Gaidhani	Recovery of Carbon from Boiler Bottom Slag using Froth Flotation	Womika Coal & Minerals Technologies Pvt Limited, Nagpur, Maharashtra, INDIA.	sonali_hiwakar@rediffmail.co m/+91 7387838538

TSCMD/127044	Pulak Jain, M. Ganesapillai	Optimisation of process parameters on microwave extraction in ashless coal production	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSBPH/127280	Shoaib Haidar, Deepak Modi, Chander Puri, Manoj Chugh, Paresh Bhanushali, Kunal Shukla	Purification of Cell Derived CA15-3.	MGM's Institute of Health Sciences, Navi Mumbai, Maharastra, INDIA.	shoaibhaidar10@gmail.com / + 91 7303450628
TSPAF/127387	S. Sivarathnakumar, G. Baskar, B. Bharathiraja, R. Praveen Kumar, S. Surendar, K.M. Vishnuvardhan, K. Mukilan	Prosopisjuliflora bark -an alternate feedstock in the production of bioethanol using thermo tolerant yeast Kluyveromycesmarxianus	St. Joseph's College of Engineering, Chennai. Tamil Nadu, INDIA.	sivathna@gmail.com / +91 9894697934
TSBBS/127244	M.K.Kureel, A.K.Shukla, S.R.Geed,B.N.Rai, R.S.Singh	Biodegradation of Benzene by Isolated Bacillus sp. M3 Immobilized in PUF and Alginate in Continuous Packed Bioreactor	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	manishkureeliitbhu@gmail.com / +91 8756072159
TSCCM/127220	Anjumol Antony, S N Deepa	Lower Order Formulation of Binary Distillation Columns in process industries by Feedback Linearization and Monarch Butterfly Optimization	Anna University Regional Campus, Coimbatore, Tamil Nadu, INDIA.	anjuanpathickal@gmail.com /7845110515

TSBNT/127301	Krishna, Srinivasakannan , B.G. Prakash Kumar	Investigation on Carbon Surface Modification Techniques Through Design Of Experiment	BITS Pilani Dubai Campus, Dubai, UAE.	prakash@dubai.bits- pilani.ac.in/ +971501570504, +971528341504
TSPAF/127381	Dave S. C., Bhatt N. S.	Biotransformation and Detoxification of Cr (vi) by Bacterial Consortium Sn6 and Characterization of Reduced Products	Gujarat Vidyapith, Sadra, Gandhinagar, Gujarat, INDIA.	davesuchi25@gmail.com
TSBPH/127282	Kiran Nivedh.S, Selvaraj, Karthick Raja Namasivayam, Chinnappan Karthikeyan	Effect of Functionalization of Polymeric Micro and Nanoparticles Incorporated Whole Attenuated Rabies Virus Antigen on Sustained Release and Efficacy	Sathyabama University, Chennai, Tamil Nadu, INDIA.	biologiask@gmail.com
TSCMS/127001	Mohammed Imran, A.R Anwar khan, SadanandaMegeri, ShuaibAhmed	Study of Harness and Tensile Strength of Aluminium-7075 Percentage Varying Reinforced with Graphite and Bagasse- ash Composites	Ghousia College of Engineering- Ramanagaram, Karnataka, INDIA.	mechmdimran@hotmail.com/ + 91 9686624424
TSCCM/127221	Prabhjot Kaur, Ritika Sachdeva, Sukhwinder Singh, G. S. S.Saini	HOMO – LUMO, NBO and MEP analysis of a substituted Copper Phthalocyanine by DFT quantum computational calculations	Panjab University Chandigarh, Punjab, INDIA.	prabhphysics@gmail.com / + 91 8437307394
TSCPT/127162	N. Arunodhaya, E. Vasanth Kumar, L.Anitha Jegadeeshwari, D.Vidhyalakshmi, N. Nagendra Gandhi	Solubility measurement, correlation and step wise association of benzimidazole in different hydrotropes at the range of 303.15 –333.15 k.	Rajiv Gandhi College of Engineering, Sriperumbudur, Tamil Nadu, INDIA.	n_nagendra2002@yahoo.com / + 91 9840123290.

TSEEN/127463	M. K. Rai, G. Shahi, V. Meena, R. Meena, S. Chakraborty, R. S. Singh, B. N. Rai	Removal of Hexavalent Chromium Cr (VI) Using Activated Carbon Prepared from Mango Seed Kernel Activated with H ₃ PO ₄	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	mkrai.rs.chel3@itbhu.ac.in / +9451715636
TSEWR/127522	A.Jayapradha, J. Abbas Mohaideen	A Study on the Influence of Various Catalysts for Optimizing the Yield of Liquid Oil from the Pyrolysis of Waste Printed Circuit Boards	Sathyabama University, Chennai, Tamil Nadu, INDIA.	jaya.anandhi@gmail.com / 9566223027
TSCPC/127063	Lalu Seban, Binoy Krishna Roy	Economic Optimisation of Multiple Model Predictive Control Based on Orthonormal Basis Filter Models	National Institute of Technology Silchar, Assam, INDIA.	seban@ei.nits.ac.in /+ 91-8011886745
TSEWR/127524	Anupama, S. Shrihari	A comparative study on the performance of two advanced oxidation processes (TiO ₂ /UV and O ₃ /UV) for removal of triclosan from wastewater	National Institute of Technology Surathkal, Karnataka, INDIA.	anupama_sb86@yahoo.co.in
TSEWC/127488	Hirapar P. S, Kalkani J. M., Bhatt N. S.	Bioremediation of Phenol by Indigenous Bacterial Culture isolated from Hydrocarbon Contaminated soil samples	Gujarat Vidyapith, Sadra, Gandhinagar, Gujarat, INDIA.	poojahirpara@gmail.com
TSPAF/127382	Indulekha John, Yaragarla Prasanthi, Muthaiah Perumalsamy, Ponnusamy Kalaichelvi, A. Arunagiri	Statistical Optimization of Acid Catalyzed Steam Pretreatment of Citrus Peel Waste for Bioethanol Production	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	aagiri@nitt.edu/+ 91 431 250 3114; Fax: + 91 431 250 0133.

TSPAF/127386	Arti R Soni , SudheerBallare, Munish K Chandel	Use of alternate fuels for mitigating greenhouse gas emissions from public bus transit fleet in Mumbai.	University of Illinois, Chicago, USA	arti.sonil4@gmail.com
TSEWC/127484	Tanishq Pathak, Paurush Banwasi, Prithvi Simha, M. Ganesapillai	Hydrochemical assessment of Ground water Quality and Reusability in agriculture: Case of Palar River Basin, India.	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSCSC/127201	Sumedha B., Sabyasaachi K., Vishal kumar Makwana, Niket Agarwal	Experimental Study On The Impact Of Different Surfactants On The Interfacial Tension Of Upper Assam Basin Crude Oil	Dibrugarh University Assam, INDIA.	sumz.chb@gmail.com
TSCMD/127048	AsmaIqbal, Syed Akhlqa Ahmad	Simulation Studies of Extractive Distillation Process for the Separation of Acetone-Chloroform Mixture	Aligarh Muslim University, Aligarh, Uttar Pradesh, INDIA.	sa.ahmad.ke@amu.ac.in
TSEEN/127460	Rajagopal Jayakumar, Manivasagam Rajasimman, Chinnappan Karthikeyan	Sorption Of Chromium (Vi) From Aqueous And Electroplating Wastewater Using Acid Treated Marine Brown Algae Sargassum Myriocystum: Column Studies	Annamalai University, Annamalainagar – 608002, Tamil Nadu, INDIA.	harrishjk@rediffmail.com
TSMIS/127565	Munish Sethi, Arvind K sharma, Anupamdeep Sharma	Radial Wave Propagation in an Elastic Non-homogeneous Orthotropic Infinite Circular Cylinder with Variable Thickness under the Influence of Rotation	Govt. Polytechnic, Jalandhar, Punjab, INDIA.	munishsethi76@gmail.com / +91 9872042266

TSPAF/127389	Amardeep Singh, Zubin Khalfay, S Ramachandran, B G Prakash Kumar	Production of Biofuels Using Pineapple Wastes	BITS Pilani Dubai Campus, Dubai, UAE.	prakash@dubai.bits- pilani.ac.in/+971 5663 19475 /+ 971 501570504
TSCMS/127002	Nirupama Patra, Vivek Gupta, Ravi Singh, R.S.Singh, P. Ghosh, Arun Nayak	An Experimental Analysis of Quenching of Continuously heated vertical rod with aqueous Al ₂ O ₃ nanofluid	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	nirupamapatra.vns@gmail.co m /+ 91 8765449287
TSBPH/127281	S.Karthick Raja Namasivayam, S.Samydurai, Vinay Kumar Pandey	Phycocyanin Nanoparticles Loaded Cefotaxime Nano Drug Conjugate Preparation for the Improved Antibacterial Activity Against human Pathogenic Bacteria	Sathyabama University, Chennai, Tamil Nadu, INDIA.	biologiask@gmail.com / +91 9842441198
TSCPD/127023	Arun D K , Sneha, Vinutha Moses, Soumya C, Anand S	Manual energy consumption reciprocating Pump	Sapthagiri College of Engg, Bangalore, Karnataka, INDIA.	1996sarun@gmail.com
TSCMD/127041	T.K.Radhakrishnan, S.K.Jha, S.Karthika,	Modeling and Control of Crystallization Process	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	tkradha@gmail.com / 0431-2503104
TSBNT/127300	Divya Goyal, G. S. S.Saini, Rajesh Kumar	Comparative study of surfactant modified silver nanoparticles	Punjab University Chandigarh, INDIA.	rajeshbaboria@gmail.com

TSMIS/127563	Taqdees Imtiaz Wadekar	Air Pollution Monitoring Methods: Automotive Emissions control using Catalytic Converters	BITS Pilani Dubai Campus, Dubai, UAE.	taqdees13@gmail.com
TSPAF/127384	A.Vimalkumar, M. Ganesapillai	Optimization of process variables in preparation of activated carbon from organic solid waste via microwave induced carbonization	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSEGR/127544	Pradima J, Rajeswari M Kulkarni, Archana	Review on Enzymatic Synthesis of Value Added Products of Glycerol, a By-Product Derived From Biodiesel Production	M. S. Ramaiah Institute of Technology, Bangalore, Karnataka, INDIA.	pradimabritto@gmail.com; pradima@msrit.edu
TSCRE/127123	S. Rengadurai, B. Preetha, P. Elavarasan, A. Ashok Kumar	Kinetic Studies on Decolorization of Synthetics Dyes Using Trametes Hirsuta	Annamalai University, Annamalaiagar- Tamil Nadu, INDIA.	rengss97@yahoo.co.in / +91-9940862063
TSCMD/127047	Syed Ameen Murtuza, H. V. Byregowda	Experimental & Simulation Study of Parabolic rough Collector Design for Obtaining Solar Energy	Ghousia College of Engineering, Ramanagaram, Karnataka, INDIA.	ameen.eee@hotmail.com/ + 91 99004 37862
TSCCM/127222	PrudhviA., V. Ramsagar	Process Scheduling and Heat Integration of Multipurpose Batch plants using Unit Specific Event Based Model	National Institute of Technology, Warangal, Telangana, INDIA.	prudhvimails76@gmail.com
TSCPC/127061	R. Ranganayakulu, G. Uday Bhaskar Babu, A. Seshagiri Rao, Dipesh	A Comparative Study of recent Fractional Order $PI^\lambda/PI^\lambda D^\mu$ Tuning rules for Stable First Order Plus Time Delay Processes	National Institute of Technology, Warangal, Telangana, INDIA.	rayalla.ranga@nitw.ac.in,

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TSPPC/127400	Akash Balakrishnan, K Bhavya, J Rukesh, Vimal Kumar A	Biopolymer Synthesis by using Bacterial Species and Glycerol the end product of Bio-diesel	Arunai Engineering College Tiruvannamalai, Tamil Nadu, INDIA.	balan.akash@gmail.com / +919895771847
TSCMD/127046	Sapana S. Madan, Kailas. L. Wasewar, S. L. Pandharipande	Artificial neural network (ANN) method for modeling of benzeneacetic acid adsorption using CaO ₂ nanoparticles	Visvesvaraya National Institute of Technology, Nagpur Maharashtra, INDIA.	k_wasewar@rediffmail.com
TSEBM/127443	Divyanshu Sikarwar, Avsar Limbasiya, Anshul Sethiya, A .Sofi	Replacement of Aggregate by Rubber Waste, and its Influence on Concrete Properties- A Review	VIT University, Vellore, Tamil Nadu, INDIA.	divyanshu.sikarwar2014@vit. ac.in / + 919087858711
TSPAF/127385	Sravanthi.Veuturla, Archana, D.SubbaRao, Suniana.P.Shetty	Kinetic study of synthesis of bio-fuel additives from glycerol using a heteropolyacid	M.S.Ramaiah Institute Of Technology, Bangalore- Karnataka, INDIA.	sravanthi.v@msrit.edu
TSEEN/127467	Nishit Goyal, Aftab Gurawala, Rekha V, Vidya R, Uma Shankar. M	Phytoremediation on Chromium Contaminated soil.	VIT University, Vellore, Tamil Nadu, INDIA.	mumashankar@vit.ac.in
TSBBS/127245	Siva Kiran RR, Madhu G M, Satyanarayana S V, Kalpana P	Applications of Box-Benken Experimental Design Coupled with Artificial Neural Networks in Biosorption of Low Concentrations of Cadmium using	Andhra University, Visakhapatnam, Telengana, INDIA.	gmmadhu@gmail.com

	SubbaRangaiah G	Spirulina (Arthrospira) Sp		
TSBPH/127283	S.Karthika, T.K.Radhakrishnan, P.Kalaichelvi	A Review on Pharmaceutical Crystallization Technology	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	tkradha@gmail.com / +91431-2503104
TSCSC/127201	Sumedha Bhattacharya, Sabyasaachi Karamakar, Vishalkumar Makwana, NiketAgarwal	Experimental Study On The Impact Of Different Surfactants On The Interfacial Tension of Upper Assam Basin Crude Oil	Dibrugarh University, Dibrugarh, Assam, INDIA.	sumz.chb@gmail.com
TSEEN/127471	Aparna Mohan, C Janardanan	Removal of Chlorobenzene and 1,4- Dichlorobenzene using Novel Poly-o- toluidine Zirconium (IV) phosphotellurite exchanger	SreeNarayana College, Kannur, Kerala, INDIA.	aparnakaryat@gmail.com
TSEWR/127525	Arun Kumar Awasthi, Murugesh shivashankar	Manage the plastic waste via blending with other materials	VIT University,Vellore, Tamil Nadu, INDIA.	mshivashankar@vit.ac.in
TSCMD/127043	KudsiyaFirdous, Syed Akhlaq Ahmad	Extractive Distillation of Ethanol- Water Azeotropic Mixture: A Simulation Study	Aligarh Muslim University, Aligarh , Uttar Pradesh, INDIA.	sa.ahmad.ke@amu.ac.in
TSCFZ/127140	K. Nagarajan	Hydrodynamics of Bottom Restrained Continuous Counter Current System	Indian Institute of Technology Madras (IIT), Tamil Nadu, INDIA.	knrajan@gmail.com

TSPDS/127340	Shafaat Ahmed , Aslam Abdullah M	Distillation at Sub-Atmospheric Pressure for Natural Gas Hydrates + Dicyclohexylammonium Salt Mixture	King Saud University, Riyadh, SAUDI ARABIA.	+ 91 9442777008
TSEWC/127482	Amritha A.S, Manu.B	Fenton and Photo Fenton Oxidation of 2- Nitroaniline	National Institute of Technology, Surathkal, Karnataka, INDIA.	amritha86@gmail.com/ +919844551459
TSCFZ/127142	Nirmala Gnanasundaram, Shivam Nishith Sunil,Swarnotpal Kashyap	Effect of Inventory on Hydrodynamics in a Liquid Solid Circulating Fluidized Bed	VIT University, Vellore, Tamil Nadu, INDIA.	gsnirmala@vit.ac.in / + 91 9444837969
TSCMD/127045	Rohith R. Nair, G. Uday Bhaskar Babu, Amol Raykar	Performance Investigation Of Vapour Recompressed Batch Distillation For Separating Ternary Wide Boiling Constituents	National Institute of Technology Warangal- Telangana, INDIA.	rohith24490@gmail.com
TSBPH/127288	V. Sri Gajani, H.Rohini, G.Narendrakumar, T.V. Preethi	Isolation and characterization of bacteriocins like antimicrobial compound from Lactobacillus delbrueckii subsp. lactis	Sathyabama University, Chennai, Tamil Nadu, INDIA.	narendrakumar.biotech@sat hyabamauniversity.ac.in
TSBNT/127302	Bhupendra Gupta	Investigation On Modified Solar Still Using Nano Particles And Water Sprinkler Attachment	Jabalpur Engineering College, Jabalpur Madhya Pradesh, INDIA.	bhupendra243@yahoo.com
TSPAF/127383	J Hemanandh, K.V.Narayanan, S.Murugan, VemuriManoj	Optmisation Of Di Diesel Engine Parameters For Emission Reduction Using Rough Set Method	Sathyabama University, Chennai. Tamil Nadu, INDIA.	hema_3_2000@yahoo.com

TSCPC/127062	Ravi Teja Kuncham, Purushottama Rao Dasari ^a , A.Seshagiri Rao	Decentralized IMC based controller design for Multivariable UnstableProcesses	National Institute of Technology, Warangal, Telengana, INDIA.	kuncham19@gmail.com/ + 91 9701884931
TSCST/127183	Chandrakant R. Khudsange	Process Intensification of Esterification Reaction for the Production of Propyl Butyrate by Pervaporation	Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, INDIA.	crkhudsange@gmail.com
TSBNT/127305	Adity Sapre	Review of Various methods for Synthetic Preparation of Nanoparticles	VIT University, Vellore, Tamil Nadu, INDIA.	aditya.sapre2013@vit.ac.in
TSEHW/127501	Prashant Baredar, Bhupendra Gupta	Power Productivity Enhancement through Weibull Distribution Parameters and at MANIT, Bhopal (India).	Department of Energy Technology, MANIT, Bhopal Madhya Pradesh, INDIA.	prashant.baredar@gmail.com
TSMIS/127564	Vaibhav K.N, Shiv Rekhi, Akshay Thyagarajan, P.Senthil Kumar	Removal of turbidity from washing machine discharge using Strychnos potatorum seeds: Parameter optimization and mechanism prediction	SSN College of Engineering, Chennai Tamil Nadu, INDIA.	senthilkumarp@ssn.edu.in / +91 98848 23425
TSMIS/127562	RandhirSingh, Harpreet Kaur Grewal, Prabhjot Kaur, G.S.S. Saini	Effect of solvents on the structure and vibrational spectra of coumarin 480 studied by density functional theory	Guru Nanak Dev Engineering College, Ludhiana, Punjab, INDIA.	rsingh@gndec.ac.in
TSCPT/127160	D. Venkatesan	Thermodynamic and Transport properties of binary liquid mixture of Acetophenone with Ethyl butyrate	Sathyabama University, Chennai, Tamil Nadu, INDIA.	venkatesaniitkgp@gmail.com

TSEWC/127486	Amarjit Rajbongshi, Subrata Borgohain Gogoi, Tapan Jyoti Gogoi	Determination of Sodium (Na), Potassium (K) and Calcium (Ca) ion Content from the Produced Water Sample Collected from the Oil fields of Upper Assam	Department of Petroleum Technology Dibrugarh University, Assam, INDIA.	rs_amarjit.rajbongshi@dibru.ac.in
TSEWC/127483	J. Aravind Kumar, D. Joshua Amarnat, Joel Sattrach	A Study on The Comparison of Physico-Chemical Treatment And Fenton's Process For The Removal of Anthracene	Sathyabama University, Chennai, Tamil Nadu, INDIA.	arvindhjsbu@gmail.com/ +91 98946 98476
TSEWC/127485	Minnu Abraham, Merin Mariam Mathew, Bhaskar Das	Application Of Plastic Materials In Water And Waste Water Treatment	VIT University, Vellore, Tamil Nadu, INDIA.	minnuannu.abraham@gmail.com
TSCPT/127165	Aditya Sapre	De Donder kinetics – A Review	VIT University, Vellore, Tamil Nadu, INDIA.	aditya.sapre2013@vit.ac.in
TSCST/127182	Vishal S. Chandane, Ajit P. Rathod, Kailas L. Wasewar	Enhancement of Esterification Conversion using Pervaporation Membrane Reactor	Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, INDIA.	vishalchandane9@gmail.com / + 917038857627
TSEGR/127543	S. Mohammed Asik, S. Imthiyas Ahamed , R. Janapriyan, R. Mahendran, D. Sridharan, C. Arunmozhidevan, T.A. Selvakumar,	Fabrication and Characterization of Silver Nanoparticles reinforced PVA / PAMPS Antibacterial Films	Anjalai Ammal Mahalingam Engineering College, Kovilvenni, Tamil Nadu, INDIA.	anishmahendran10@gmail.com

	P. Rajasekar			
TSPOR/127362	SubrataBorgohain, Kakoty M	A Study of CO ₂ flooding on Wave Velocities in the Naharkatiya Oil Reservoir of Upper Assam Basin.	Dibrugarh University, Dibrugarh Assam, INDIA.	subrata@diru.ac.in; sbg6dupt@gmail.com / + 91 9435039590
TSEEN/127469	Venkat Kumar Shanmugam , Soumya Menon, Happy Agarwal, Divya Gopalakrishnan	Characterization and Optimization of Bacterium Isolated From Soil Samples for The Production of Siderophores	VIT University, Vellore, Tamil Nadu, INDIA.	venkatkumars@vit.ac.in/ +91 9894698150
TSEWC/127487	Nimisha K V, C. Janardanan	Sorption Potential of an Ecofriendly Cationic Exchanger Pectin-Tin (IV) molybdsilicate for Heavy Metal Ions from Aqueous Solution	SreeNarayana College, Kannur, Kerala, INDIA.	nimishavijil89@gmail.com
TSCST/127184	Charanyaa Sampath, Vaisali Chandrasekar, Prasanna D Belur, Regupathi I	Screening of Polymeric Membranes for Membrane Assisted Deacidification of Sardine Oil	National Institute of Technology Surathkal, Karnataka, INDIA.	charansampath.2853@gmail. com/+ 91 9620198876
TSPAF/127388	Kamlesh R Balinge, Chinmay V Kalantre, Dipesh S Patle, Cheralathan K K, Pundlik Rambhau Bhagat	Deep-desulphurization of the petroleum diesel using the heterogeneous Brønsted acid IL catalyst	VIT University, Vellore, Tamil Nadu, INDIA.	drprbhagat111@gmail.com

TSBNT/127303	C. NivedhiniIswarya , M. Harshiny, M.Matheswaran	Highly efficient hollow shelled Mn-Cu-Al triple layered oxide as electrode material for supercapacitor application	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	math.chem95@gmail.com
TSEEN/127461	Anand VP Gurumoorthy, Tanuj karia	Calcium Looping - A Review	VIT University, Vellore, Tamil Nadu, INDIA.	anand.g@vit.ac.in / + 91 416 220 2536
TSEGR/127541	Vishal Singh Chauhan	Zero Waste Concept: A Unique Concept for Comprehensive utilization of Rice Husk to give Indispensable Silica based Products	Dr B R Ambedkar National Institute of Technology, Jalandhar- Punjab, INDIA.	2511vishal@gmail.com / + 91 9878134794
TSEWC/127481	Debashree Dutta , Joyshree Barman, Shilpi Sarmah , Amarjit Rajbongshi , Subrata Borgohain Gogoi	Quality Assessment of Formation Water of the Upper Assam basin and its effect on tap water dilution for eco-friendly environment	Dibrugarh University Assam, INDIA.	debashreedutta1234@gmail.c om
TSEWR/127518	M. Ganesapillai, Prithvi Simha	Alternative approaches to urban solid waste management: circular pathways for treatment and reuse of human feces	VIT University, Vellore, Tamil Nadu, INDIA.	drmaheshgpillai@gmail.com

TSEWR/127526	S.R.Geed, M.K.Kureel, A.K.Shukla, R.S.Singh, B.N.Rai	Study the kinetic analysis and bacterial efficacy for biodegradation of malathion pesticide	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	sachingeed23@gmail.com : bnrai.che@itbhu.ac.in
TSEEN/127468	G.Nandalal, Ajay kumar, K. N. Sheeba, M.Pramila	Photocatalytic Degradation of methylene blue dye solution using Zinc doped graphitic carbon in the presence of UV light	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	sheeba@nitt.edu/ +91 431 2503113
TSEEN/127462	Keshava Joshi, Lokeshwari N., G. Srinikethan, M. B. Saidutta	Effect of GAC Loading and Dilution Rate on Denitrification in Three Phase Draft Tube Spouted Bed Reactor under Aerobic Condition	S. D. M. College of Engineering and Technology, Dharwad, Karnataka, INDIA.	joshikeshava@gmail.com / + 91 9980998266
TSEHW/127519	Anooj Ramanathan, Bonny Thawani, Pulak Jain, Prithvi Simha, M. Ganesapillai	Nutrient recovery from urine with coal power plant fly ash: a win-win strategy	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSMIS/127560	Abhinav Bhatt, A. Sofi	Steel Fibre Reinforced Concrete with Cement Replaced By Pond Ash	VIT University, Vellore, Tamil Nadu, INDIA.	asofi@vit.ac.in
TSPOR/127363	Annapurna S.M, Archana, Nawal Rabia Nizar	Lubricating Oil Spill Management Using Lotus Leaves; Evaluation of Adsorption Equilibrium	M.S.Ramaiah Institute Of Technology, Bangalore- Karnataka, INDIA.	asm2703@gmail.com

TSEBM/127442	Uma Shankar. M, ThayalanGaneshan, Amit.B.Mahindrakar	Compatibility Studies of Bentonite Blended with Bagasse Ash as Liner in Landfill	VIT University, Vellore, Tamil Nadu, INDIA.	mumashankar@vit.ac.in / + 91 9840591011
TSCMS/127005	Swapnil Sharma, M. Ganesapillai	Effect of pretreatment on microwave assisted extraction of Indian coal	VIT University, Vellore, Tamil Nadu, INDIA.	maheshgpillai@vit.ac.in
TSEEN/127465	Vigneshwaran G, Narendra Kumar G, Ramesh Kumar V	Influence of temperature and oxidative stress on increasing the bioremediation properties of Rhodopseudomonas palustris SUBTB4 -a molecular approach	Sathyabama University,Chennai	vrameshkumar@live.com/ +919443407762
TSBNT/127309	L. Anitha Jegadeeshwari, D. Manikandan, E.Vasanth Kumar, D. Vidhya Lakshmi, N. Arunodhaya, N. Nagendra Gandhi	Synthesis of Biogenic Nano-scale silver particles by Natural Tribes and their inborn antimicrobial activity	A.C. College of Technology, Anna University, Chennai, Tamil Nadu, INDIA.	n_nagendra2002@yahoo.com

TSBFT/127264	J. R. Anoop Raj, Anjali M, Arya Sanker, Aswathy Prasad, Meekha Anu Joseph	Value Added Products from Banana Bud- Production of Natural Dye and Antioxidants	Sree Buddha College of Engineering, Alappuzha Kerala, INDIA	anoopraj.j.r@gmail.com / + 91 8281868205
TSBNT/127307	R. Badri Narayan, Goutham. R, B. Srikanth, K.P. Gopinath	A Novel Nano-Sized Calcium Hydroxide Catalyst Prepared from Clam Shells for the Photodegradation of Pharmaceutical wastes	SSN College of Engineering, Chennai Tamil Nadu, INDIA.	gopinathkp@ssn.edu.in/ +91 7373066556
TSEEN/127466	T.V. Preethi , A.K. Kathiresan, G. Narendrakumar	Developing enzymatic Bioremediation process using Laccase for textile effluent through RSM	Sathyabama University, Chennai, Tamil Nadu, INDIA.	narendrakumar.biotech@sath yabamauniversity.ac.in
TSBPH/127287	Shebina P. Rasheed, Muruges Shivashankar, Arun Rasheed	Formulation and Standardization of Kasisa Bhasma: A Herbo-Mineral Ayurvedic Medicine	VIT University, Vellore, Tamil Nadu, INDIA.	mshivashankar@vit.ac.in
TSPOR/127365	Kalpajit Hazarika	Adsorption of Sodium Dodecyl Sulfate during Chemical Enhanced Oil Recovery	Dibrugarh University	kalpajecm44@gmail.com
TSEWR/127531	Nikhilesh T	Utilization of bio mass ash/char for removal of 2, 4 Dichlorophenoxyacetic acid: a study using cotton plant ash	Visvesvaraya National Institute of Technology (VNIT) Nagpur, Maharashtra, INDIA	nst2011@gmail.com
TSCMD/127049	Karthika Venkatesh	Modelling and Simulation of a Crystallization Process	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	tkradha@gmail.com
TSEEN/127473	Ravi B	Experimental Investigations on the Effect	Bapatla Engineering	ravinano@gmail.com

		of Cotton Seed oil blends over the Performance and Emission Characteristics of a Diesel Engine	College	
TSBNT/127308	Mahendran Rajagopalan	Fabrication and Characterizations of Iron Nanoparticles reinforced Polymeric Magnetic Actuators	Anjalai Ammal Mahalingam Engineering College	anishmahendran10@gmail.com
TSPOR/127364	Debasish Konwar	Asphaltenes and its effect on Enhanced Oil Recovery	Dibrugarh University Assam, INDIA	konwar.debasish110@gmail.com
TSPAF/127392	Mary Rosana	Natural Green Pigments as Solar Energy Harvesting agents in Dye Synthesized Solar Cells- An Eco Friendly approach	Sathyabhama University	maryrosanachemical@gmail.com
TSCMS/127007	K. Mahesh	Synthesis and Optoelectronic Properties of Poly (p-phenylene vinylene) Containing thiophene and thiazole, Benzothioadiazole based Conjugated Copolymers	VIT University, Vellore	skarpagam@vit.ac.in
TSBPH/127289	Anji Reddy	Preparation and Characterization of Chitosan Based Oral Thin Film of Elderly Patients in the treatment of Alzheimer's Disease	VIT University, Vellore	skarpagam@vit.ac.in
TSCMD/127050	R.Bharath	Optimal Dimensioning of fractal-like trees for fluid-flow applications	National Institute of Technology, Tiruchirapalli, Tamil Nadu, INDIA.	rbharathv.94@gmail.com
TSMIS/127566	Abhishek Raaj . A. S* Giri Prasad . M.J Jerome Santharaj. N Rishi Kumar . R Santhip .J	Nano Base Oil- A Potential Substitute To Engine Oil As Lubricant In Ic Engines	Velammal Engg College Chennai, Tamil Nadu, INDIA	asabhishek13@gmail.com
TSPCS/127420	Aruna Singh* Karan Desai Yash Sharma Yasaswy	Selection Of Amine Combination For Co2 Capture In A Packed Bed Scrubber	VIT University, Vellore Tamil Nadu, INDIA.	aunasingh@vit.ac.in

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TSCST/127185	Kazuho Nakamura	Fouling Phenomena In Membrane Filtration Process	Yokohama National University, Hodogayaku Tokiwadai, JAPAN	nakal@ynu.ac.jp
TSCMS/127010	Naveen V Raja S Abhijit . P. Deshpande*	Effect Of Micro- Capsules On The Mechanical Properties Of Self Healing Composites	National Aerospace Laboratories, Bangalore, INDIA	abhijit@iitm.ac.in
TSCMS/127009	T. Ravi* S. Anuradha Jabasingh	<i>Magnetic Chitosan</i> (MC)- Preparation , Characterization And Removal Of Chromium (Vi) From Aqueous Solution	Addis Ababa Institute of Technology, ETHIOPIA	travi2020@gmail.com
TSEEN/127474	Duraimurugan Alias Saravanan Thanabalan Murugesan Arunagiri Appusamy*	Decolourization Of Reactive Black 5 Dye By Cloud Point Extraction With Process Optimization Using Experimental Design	University Teknologi Petronas, MALAYSIA	aagiri@nitt.edu
TSEGR/127545	I.George, R.Kalaivanan	Thermal performance investigation of glass evacuated tube solar collectors with and without U- pipe	Annamalai University, Chidambaram, Tamil Nadu, INDIA.	ige1968@gmail.com
TSEWR/127530	Amrita Shahi* B.N. Rai R. S. Singh	A comparative study of bio fuel cell for the production of electricity from waste water	Indian Institute of Technology Varanasi (BHU), Varanasi, Uttar Pradesh, INDIA.	amritashahi@rediffmail.com