

**INTERNATIONAL CONFERENCE ON ADVANCES AND CHALLENGES FOR
SUSTAINABLE ECOSYSTEMS (ICACSE2018)**

Tentative schedule for oral presentation

Session Title: PS 11-Process Modelling and Simulation -I

Session Time: 2.00-5.00 (6/12/2018)

S. No	Paper ID	Title	Authors
1.	ICACSE2018-0031	Simulation of a scaled down 250 MWe CFB boiler using computational particle fluid dynamics numerical model	Vidya.V*1, Lakshminarasimhan.M1, Anantharaman.N*2
2.	ICACSE2018-0101	Numerical analysis of mixing time and hydrodynamics in non-baffled stirred tank	Nishant Joshi, *Amit Keshav, Akhilesh Khapre, A.K.Poonia
3.	ICACSE2018-0010	Application of Artificial neural network approach for supercritical CO2 extraction of Pongamia pinnata (L.) seed oil: A comparison between optimized feed forward and cascade forward back propagation networks.	Bhupendra Surywanshi1, Bikash Mohanty2, Venkata Ramanaiiah3
4.	ICACSE2018-0121	Development of Thermodynamic Packages in OpenModelica for Chemical Process Modelling	S. Aakash Subramaniana, A. S. Rahulb, Priyam Nayakb, P. R. Narena, * and Kannan M. Moudgalyab
5.	ICACSE2018-0207	Thermodynamic Analysis of Chemical Looping Combustion Integrated Sugarcane Bagasse based Biomass Power Plant	S. S. Sikarwar, Surywanshi Gajanan D., B. Basant K. Pillai, Venkata Suresh Patnaikuni, Sarath Babu Anne, Ramsagar Vooradi*
6.	ICACSE2018-0141	THREE DIMENSIONAL CFD SIMULATION OF BUBBLING FLUIDIZED BED GASIFICATION OF INDIAN COAL	Vikrant Sharma and V. K. Agarwal
7.	ICACSE2018-0096	Day and Night Surface Ozone Prediction in Hyderabad City using Artificial Neural Networks	V. Mehtab1,3, A. Sarat2,3, K. Gayatri2, A.G. Rao2,3, Y.V. Swamy2, C. Sumana1

8.	ICACSE2018-0097	A Simulation Study on Chemical Looping Combustion Coupled with Oxidative Dehydrogenation of Propane to Propylene in the presence of CO ₂	N. Ruthwik, D. Kavya, A. Shadab, C. Sumana
9.	ICACSE2018-0100	Modelling of semi-batch salicylic acid reactive crystallization process	K. Hemalatha^{1, 2}, K. Yamuna Rani

Session Title: PS 12-Separation

Session Time: 2.00-5.00 (6/12/2018)

1.	ICACSE2018-0136	Synthesis and Characterization of GO/FeSO ₄ Composite for the effective removal of Cd(II) and Hg(II) from the effluent	P.Babu¹, V.M.Sivakumar²*, M.Thirumarimurugan³
2.	ICACSE2018-0105	Optimization of Aqueous Two Phase Extraction of Proteins from Litopenaeus vannamei waste by Response Surface Methodology coupled Multi-Objective Genetic Algorithm	P. Saravana Pandian¹, S. Sindhanai Selvan¹, A. Subathira¹, S. Saravanan¹
3.	ICACSE2018-0083	Efficacy of spent tea waste as chemically impregnated adsorbent involving Orthophosphoric and Sulphuric acid for abatement of aqueous phenol - Isotherm, and Artificial Neural Network Modelling Kinetics	U. Pathak¹, A. Jhunjhunwala¹, A. Roy¹, P. Das², T. Kumar³, T. Mandal
4.	ICACSE2018-0132	Zeolitic Imidazolate Framework-8 Nanoparticles using Taguchi Methodology: A Novel Adsorbent for the efficient Fluoride Removal	Parwathi Pillai¹, Swapnil Dharaskar¹*, Mohammad Khalid
5.	ICACSE2018-0144	Measurement of Nucleation rate of ibuprofen in ionic liquid using Induction time method	S. Karthikaa, T. K. Radhakrishnana*, P. Kalaichelvia
6.	ICACSE2018-0091	A Mechanistic Study of Adsorption of Zinc and Nickel on Algae-Sodium Bentonite Composite	T. Rasool¹*, W. Baba², M. A. Rather³
7.	ICACSE2018-0102	Physical Extraction Equilibria of Gallic Acid & LSER Modelling	Nishant Joshi, *Amit Keshav, A.K.Poonia

8.	ICACSE2018-0104	Separation of anisole from alkylation process using Petlyuk column configuration	P.Naveen Kumar, Reddi Kamesh, K. Yamuna Rani
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Session Title: PS 13-Environmental Engineering

Session Time: 2.00-5.00 (6/12/2018)

1.	ICACSE2018-0206	Synthesis of Formic Acid – A Case Study of CO ₂ Utilization from Coal Direct Chemical Looping Combustion Power Plant	Surywanshi Gajanan Dattarao¹, B. Basant K. Pillai¹, M. Maheshwari², K. Venkatesh², Ramsagar Vooradi¹, Sarath Babu Anne¹, Venkata Suresh Patnaikuni¹
2.	ICACSE2018-0221	Optimization of phenol removal by adsorption process using Box-Behnken Design	P.Muthamilselvi,¹Ashish Kapoor¹, T.Viruthagiri,¹R.Karthikeyan², S.Prabhakar¹
3.	ICACSE2018-0226	Equilibrium and kinetics of Cadmium(II) adsorption from aqueous solution using ZnCl ₂ -activated carbon	S. S. Bhagwat¹, P. D. Meshram^{2*}
4.	ICACSE2018-0019	Assessment of trace elements, spatial distribution and multivariate analysis of Sediments in the Emerald Lake	P. Karthikeyan¹, G. Vennila¹, R. Venkatachalapathy², M.K. Aswini³
5.	ICACSE2018-0122	ALLOCATING DIFFERENTIAL RESPONSIBILITY OF POLLUTION FOR ENVIRONMENTAL FORENSIC APPLICATIONS IN INDIA	Lakshmi Priyaa*; George K. Vargheseb
6.	ICACSE2018-0126	Effect of various pre-treatments on energy densification of waste biomass.	P. Dey, S. Ray
7.	ICACSE2018-0172	INVESTIGATION OF SUITABILITY OF THE TEXTILE SLUDGE AS A SUBSTITUTE FOR CEMENT	P.M. SHERIN PARWIN 1*, G. SWAMINATHAN
8.	ICACSE2018-0257	WATER RECHARGE REALIZATION AND COGNIZANCE HABIT AMONG THE RURAL PEOPLE	AV. Karthick¹, Dr. M. Ayisha Millath²
9.	ICACSE2018-0335	Hydrochemical characterization and quality appraisal of groundwater using GIS in Tiruchengode block, Namakkal district, Tamilnadu, India	A. Ravikumara*, C.BHASKARA, S. M. Mazhar Nazeeb Khanb

10.	ICACSE2018-0334	Environmental management practices and the requirement of corporate social responsibility in industries	T. Manivasagam*, N.Thamaraiselvan, B. Senthilarasu*
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Session Title: PS 14-Bio Energy I

Session Time: 2.00-5.00 PM (6/12/2018)

S. No	Paper ID	Title	Authors
1.	ICACSE2018-0288	Simultaneous Bioenergy generation and Carbon Dioxide sequestration from food wastewater using Algae Microbial Fuel Cell	Pohekar Ajit Hiranman, K. Muthukumar, Tamilmani Jayabalan, N. Samsudeen*
2.	ICACSE2018-0022	Upgrading bio-oil produced from the catalytic fast pyrolysis of pine needles	Priti Kumari1*, Bikash Mohanty2
3.	ICACSE2018-0185	Exergy Analysis of Plasma Gasification of Municipal Solid Waste	Bhaskara Rao Bhogadi,1* Chimaladari Deepank,2 C. Veeramani3
4.	ICACSE2018-0049	Ethanol production from hydrolysate derived by ultrasonic pre-treated defatted biomass of Chlorella sorokiniana NITTS3	P. Selvakumar,1* P. Sivashanmugam,1 K. Dhandayuthapani2
5.	ICACSE2018-0081	Optimization and Characteristics Study on the Production of Biodiesel from Waste Cooking Oil with Carbon Catalyst Derived From Coconut Meal Residue	B. Devaraj Naik1*, M. Udayakumar2
6.	ICACSE2018-0087	Poly (3-hydroxybutyric acid) (PHB) batch production by Pseudomonas putida in Bioreaction calorimeter	Anusha Subramanian Mohanakrishnan1, Sivanesh Nanjan Easwaran1, Leelaram, Santharam 1 and Surianarayanan Mahadevan1
7.	ICACSE 2018-0337	Influence of substrate concentration on biogas production using rapeseed oil cake	C. Manikandan, N. Senthilkumar, B. Deepanraj

Session Title: PS 15-Wastewater treatment I

Session Time: 2.00-5.00 (6/12/2018)

1.	ICACSE2018-0322	Column studies on sorption of Cr (VI) from aqueous and Industrial effluent using acid treated marine brown algae <i>Sargassum myriocystum</i>	Jayakumar. R**, Rajasimman. M and Karthikeyan. C
2.	ICACSE2018-0280	Optimization of F/M ratio during anaerobic codigestion of yard waste with food waste: biogas production and system stability	Sagarika Panigrahi, Hari Bhakta Sharma, Brajesh K. Dubey*
3.	ICACSE2018-0181	Metal-semiconductor hybrid core-shell nanoparticles for wastewater treatment	J. Jadhav, S. Biswas
4.	ICACSE2018-0311	Dispersion and performance of an anaerobic sludge bed (ASB) reactor treating fermentation based pharmaceutical wastewater	P. Mullai, N. Manju and PL. Sabarathinam
5.	ICACSE2018-0025	A novel mixed culture method for total organic carbon reduction of synthetic dye waste water	Rohit P. Kalnake¹, John Robert¹, Keyur Raval², D. V. R. Murthy²
6.	ICACSE2018-0161	TO ACCELERATE THE START-UP PHASE OF AN UP-FLOW ANAEROBIC SLUDGE FIXED FILM REACTOR FOR TREATING SAGO WASTEWATER	Asha B and *Sheela R
7.	ICACSE2018-0336	ENVIRONMENT EFFECT OF BRINE REJECT BACK TO SEE FROM DESALINATION PLANTS	Sudhakar Deenadayalan

Session Title: PS21-Nanotechnology

Session Time: 11.00-1.00 (7/12/2018)

1.	ICACSE2018-0079	Nanoscale investigation on the effect of surface topography on formation of Pseudomonas aeruginosa biofilm using Atomic Force Microscopy	Ashwin Kannan
2.	ICACSE2018-0112	Multi-Dimensional Nanostructures for Polymer Electrolyte Membrane Fuel Cell (PEMFC) – Synthesis, Properties and Application in Platinum Nanowire-A Review	Viswanathan T
3.	ICACSE2018-0305	Green nano dendrites:Intrinsic in-vitro studies on enhanced photocatalytic antifouling performance	Harinee Subramanian1 , Muthukumar Krishnan1 , Vignesh Sivanandham2 , Arthur James Rathinam2 , Ashok Mahalingam
4.	ICACSE2018-0039	Biogenic Synthesis of Silver Nanoparticles Using Jatropa Seed Cake Extract and Characterization: Evaluation of its Antibacterial Activity	Sneha Nayak 1*, Shyama Prasad Sajankila1, C .Vaman . Rao 1, Ashwathi R Hegde2, Srinivas Mutalik
5.	ICACSE2018-0231	Experimental Investigation on Synergetic Effect of Epoxy Based Fire Retardant Composites	Venkatachalapathi Nynaru 1.a, Venkatasubbareddy .O.Y1.b Sanjeeva Kumar P.V1.c, Venkateswara Rao .T
6.	ICACSE2018-0300	Kinetic modeling on the release mechanism of curcumin from folate conjugated hybrid BSA nanocarrier	Rhea Muthappa1 ,Bindhya K P1 , K M Meera Sheriffa Begum1* , P Uma Maheswari1
7	ICACSE2018-0143	Mesoporous magnetite nanoparticle-decorated graphene oxide nanosheets: A multifunctional nanohybrid for environmental remediation and electrochemical sensor applications	Vinodha Ganesan, Cindrella Louis and Shima P Damodaran
9	ICACSE2018-0331	Enhancement of tribological performance of engine oil by using hexagonal boron nitride nanoparticle additive	M. Amarnath 1* , B.S. Ajay Vardhaman 2 , J. Ramkumar 2, 3

Session Title: PS 22-Reaction Engineering

Session Time: 11.00-1.00 (7/12/2018)

1.	ICACSE2018-0237	Investigation of Nano Catalyst for Fuel Quality Enhancement in Waste Tyre Pyrolysis	Kishan Jadav¹, Sivakumar P*¹, Chandresh Gabani¹, Manan Shah¹, Anirbid Sircar¹
2.	ICACSE2018-0243	Biodiesel production from tannery waste using a Nano catalyst (Ferric-Manganese Doped Sulphated Zirconia)	Vijaya Kumar B¹, Ramesh K², and Sivakumar P*³
3.	ICACSE2018-0041	Reaction kinetics of CO ₂ absorption of ionic liquid (HEF) blended amine systems	S. Balchandani*^{1,2}, B.P.Mandal¹, S. Dharaskar
4.	ICACSE2018-0090	Effect of GAC Loading and Dilution Rate on Denitrification in Three Phase Draft Tube Spouted Bed Reactor under Aerobic Condition	Keshava Joshi¹, Lokeshwari N. 1 G. Srinikethan² and M. B. Saidutta
5.	ICACSE2018-0116	Synthesis of SAPO-34 for the production of methanol to light olefins	Baljinder Kaur Riyar,^{1*} Vijay Kumar Agarwal
6.	ICACSE2018-0189	A study of Oxidation of Carbon – Monoxide over Alumina Supported CuO-CeO ₂ -ZrO ₂ Catalysts	Gaurav Rattan
7.	ICACSE2018-0086	Development of concentration based Pseudo Homogeneous model for esterification of acetic acid with n-butanol using new heterogeneous catalyst	Nagveni P^{1,2}, K Yamuna Rani^{1,2}
8.	ICACSE2018-0325	Removal of toluene vapour using a novel packing material- Kinetics and Modelling	B.Sundar*, V.Saravanan and M.Rajasimman

Session Title: PS-23 Process Control & Optimization

Session Time: 11.00-1.00 (7/12/2018)

1.	ICACSE2018-0211	Quantifying Solid Mixing in Fluidized Bed Contactor using Image Analysis	S. Pranaav, V. Shashank Sundar and P. R. Naren
2.	ICACSE2018-0054	Control of pH neutralization process	K. Lakshmi Narayana Rao ¹ , T. K. Radhakrishnan
3.	ICACSE2018-0108	A Comparative Study of Popular Tuning Methods for Quadruple Tank Process: Experimental Identification	Suresh Kumar Chiluka¹, Ankur Kumar Bareliya², Seshagiri Rao Ambati³, Uday Bhaskar Babu Gara^{4*}, Murali Mohan Seepana
4.	ICACSE2018-0119	Design and evaluation of Fractional Order PID Controller and its variants for Nonlinear process using Kalman Filter	O. Hanif¹, S. Jaiswal², S.R. Ambati³, G. U. B. Babu⁴
5.	ICACSE2018-0166	Active Disturbance Rejection Control (ADRC) for a pilot scale Reverse Osmosis system	G.Guna^{1*}, D.Prabhakaran², M.Thirumarimurugan³
6.	ICACSE2018-0179	Observer based controller design for a Continuous Stirred Tank Reactor (CSTR)	V. Anusha rani^{1*}, D.Prabhakaran², M.Thirumarimurugan³
7.	ICACSE2018-0205	Selection of monitoring parameters for food waste derived compost quality based on principal component analysis	Tandra Mohanta^{1*} and Sudha Goel²
8	ICACSE2018-0006	Assessment of PID controllers for non-self-regulating processes	K. Ghousiya Begum^{1*}, A. Seshagiri Rao², T. K. Radhakrishnan³
9	ICACSE2018-0095	Improved Fault Diagnosis of Overlapping Faults Using Dynamic Self Organising Maps	V. Mehtab^{1,2}, C. Sumana¹

Session Title: PS 24-Energy Engineering

Session Time: 11.00-1.00 (7/12/2018)

1.	ICACSE2018-0188	Performance Assessment of High gain DC-DC converter topologies for PV applications	P.S.Suvetha,1* Dr.R.Seyezhai2
2.	ICACSE2018-0218	Abating environmental pollutants of a diesel engine by using emulsified fuel	Radha Krishna Gopidesi1, Premkartikkumar SR2
3.	ICACSE2018-0152	Performance investigation of a novel trigeneration plant assisted by photovoltaic/thermal collector	B.Anand1*, T.Srinivas2
4.	ICACSE2018-0209	Performance Analysis of PEM Fuel Cell with ECSSFF design at Different Operating Conditions	Abdulla Sheikh, Venkata Suresh Patnaikuni
5.	ICACSE2018-0115	Effect of F/M ratio on the assimilation of ammoniacal nitrogen from the secondary tannery effluent coupled with bio-methane production	V.Nagabalaj i1, T.Muthukumar1, J.R.Juhna1, S.V. Srinivasan1*, R.Suthanthararajan1
6.	ICACSE2018-0089	RS and GIS based air quality atlas with integrated land use and land cover change analysis	Lokeshwari. N1*, Keshava Joshi1, G. Srinikethan
7.	ICACSE 2018-0338	Mathematical modelling and experimental validation of solar photovoltaic thermal (PV/T) hybrid air collector system	R. Senthil Kumar, E. Natarajan, P.K. Nagarajaj, B. Deepanraj

Session Title: PS 25-Process Modelling and Simulation -II

Session Time: 2.00-5.00 (7/12/2018)

1.	ICACSE2018-0227	Effect of Temperature on Effluent Quality in Biological Wastewater Treatment Process	E. Tejaswini1, G. Uday Bhaskar Babu2, A. Seshagiri Rao3
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2.	ICACSE2018-0315	Experimental And Computational Analysis Of Solar Chimney Power Plants With Variable Chimney Area.	Rajamurugu.N1*, Venkatesan.J2 ,Anbarasi.J3
3.	ICACSE2018-0245	Numerical modelling on in-situ bio-remediation of petroleum hydrocarbon contaminated groundwater aquifer by microbial flooding	P Sivasankar* , Sivakumar P, Hari Ganesh, Anirbid Sircar
4.	ICACSE2018-0170	Modeling and optimization of methyl orange adsorption onto MgONP-AC: Response surface methodology and artificial neural network	Venkata R. Myneni1,* , N.R.Kanidarapu2, R.C.Kolasani3, M.Vangalapati4
5.	ICACSE2018-0182	Simulation and Experimentation of a Novel Hybrid Cascaded Multilevel Inverter for PV Applications	A.D.Minuaishwarya1 , Dr.R.Seyezhai2 and Ms.D.Umarani
6.	ICACSE2018-0011	Jackknife and bootstrap resampling of the ω -6 linoleic and ω -3 α -linolenic fatty acids of hemp (Cannabis sativa) oil	V. Devi,1, * S. Khanam2
7.	ICACSE2018-0139	Modeling and Control analysis on cardiac drug infusion control system using Bacterial Foraging Optimization Technique	G.C.Sowparnika1* , M.Thirumarimurugan2, V.M.Sivakumar3, N.Vinoth4
8.	ICACSE2018-0098	DEM Simulations on Tote Blender: Study of Operating Parameters	Shahare Chetanand Ta., V. Shivaa, Reddi Kamesha,C. Sumanaa, K Yamuna Rania* , Srikanth R. Gopireddyb, Nora A.Urbanetzb
9.	ICACSE2018-0099	DEM Simulations on Tote Blender: Study of Particle Parameters	V. Shivaa, Shahare Chetanand Ta., Reddi Kamesha,C. Sumanaa* , K Yamuna Rania, Srikanth R. Gopireddyb, Nora A.Urbanetzb
10.	ICACSE2018-0157	CFD based approach for Intensification of Coal Gasification	S.Bhadauria1, S.Vedantam1*

Session Title: PS 26-Transfer Operations

Session Time: 2.00-5.00 (7/12/2018)

1.	ICACSE2018-0009	Design, Fabrication and Experimentation for Forced Convection Heat Transfer in Agitated System for Milk	E. Rajasekaran¹*. B. Kumar¹. R. Muruganandhan². S.V. Raman³.
2.	ICACSE2018-0310	Effect of thermophysical properties of ionic liquid and nanofluid on heat transfer characteristics	Divya. P. Soman ¹ , Karthika S ¹ , P. Kalaichelvi ¹ * , T. K. Radhakrishnan ¹ , K. Muthamizhi ¹ and Nikhil. S. Thomas ¹
3.	ICACSE2018-0026	Hydrodynamics Studies on Loop Seal in CFBC Boiler	Vivekanandan M¹, Premalatha, M¹ and Anantharaman, N^{1,2}
4.	ICACSE2018-0184	Hydrodynamics study on Rotating Disc Contactor	Swetha Saraswathi K., Naren P. R.
5.	ICACSE2018-0210	Effect of Number of Channels on Flow Distribution in Parallel Channel Manifolds	S. Aakash Subramanian, A. S. Amharnath, R. Charan and P. R. Naren*
6.	ICACSE2018-0212	Evaluation of Empirical Correlations for Estimation of Hydrodynamic Parameters in Rotating Disc Contactor	K. Swetha Saraswathi K. and P. R. Naren*
7.	ICACSE2018-0234	Kinetic and Thermodynamic Studies on the Extraction of Bioactive Compounds from Turmeric	Mahula Santra¹, Sivakumar P*¹, Rishi Pratap¹
8.	ICACSE2018-0249	Radial Flow Modeling in a Liquid-Solid Circulating Fluidized Bed: Effect of Inventory	G S Nirmala, L Muruganandam* and S Kashyap
9.	ICACSE2018-0070	Evaluating Effectiveness of External Fins by Experimental and CFD Analysis of Evacuated Absorber Tube Under Constant Heat Flux Mode	Ganga Raju. Challa ¹ *, Sai Charan Reddy. Vaka ² , Natarajan. M ³

Session Title: PS 27-Wastewater treatment II

Session Time: 2.00-5.00 (7/12/2018)

1.	ICACSE2018-0135	Adsorption, Kinetics and Equilibrium studies for treatment of tannery effluent using nansorbents synthesized from Eichhornia crassipes and lemna minor	B.Uma Maheswari¹ ,V.M.Sivakumar² *, M.Thirumarimurugan
2.	ICACSE2018-0228	Lead removal from battery recycling unit wastewater by adsorption onto steam activated coconut shell granular activated carbon	S. Meshram, C. Thakur, Soni A. B.
3.	ICACSE2018-0233	Combination of advanced oxidation processes and direct contact membrane distillation for municipal wastewater treatment	R. Vinoth Kumar^{12*}, S. Morales-Torres², M.O. Barbosa², A.R. Ribeiro², M.F.R. Pereira², A.M.T. Silva²
4.	ICACSE2018-0272	Layered Double Hydroxide (LDH) - Activated Carbon Composite as an Adsorbent for the Effective Removal of Acid Blue	Sirajudheen. P ^{1,2*} , S. Meenakshi ¹
5.	ICACSE2018-0092	SYNERGISTIC PHOTO DEGRADATION OF TANNERY WASTEWATER BY COMBINED ADVANCED OXIDATION PROCESS	Selvabharathi.G^{*1}, Adishkumar.S², Arul Murali Manokar.S³ and Jeyakumar.P³
6.	ICACSE2018-0075	MICROBIAL FUEL CELL FOR EFFLUENT TREATMENT AND SUSTAINABLE POWER GENERATION	Divyalakshmi P¹,C. Lajapathi Rai¹
7.	ICACSE2018-0265	Degradation of Formaldehyde from industrial waste water by batch recycle process using photocatalytic reactor	Mr.P.Ezhil Kumar ¹ , Dr.V.M.Sivakumar ^{2*} , Dr.M.Thirumarimurugan ²
8.	ICACSE2018-0250	Silica coated Graphene-Doped with Gold nanoparticles for Adsorptive removal of Eriochrome Black T (EBT) from aqueous solution using batch studies	Jayakaran P.1, Gnanasundaram Nirmala^{1*} and Govindarajan L.

Session Title: PS 31-Materials Engineering

Session Time: 11.00-1.00 (8/12/2018)

1.	ICACSE2018-0159	Effect of Flax fibre Orientation on Mechanical Properties of Polymer Composites	P.Amuthakkannan1*,K.ArunPrasath2,G.AbilashKannan3,M.Pavithran4, K.Ashwin5
2.	ICACSE2018-0164	Tension and Bending Dynamic Mechanical Behavior of Flax/Glass and Flax/Basalt Fiber Polyester Composites	K.ArunPrasath1*,P.Amuthakkannan2,A.Selva Prakash3,R.Pandiaraj4 , M.Murugan5
3.	ICACSE2018-0178	Molten electrolytic conversion of Carbon dioxide to Carbon-nanotubes	Ashutosh kr Chaudhary1, R.P.Vijayakumar2
4.	ICACSE2018-0180	Anti bacterial effects of activated carbon prepared from biomass available in N.E. India	C. Debnath1, J. Das2, H. Nath
5.	ICACSE2018-0191	Effect of UV irradiation on LDPE film: a statistical analysis with various indices obtained from FTIR analysis	Ved Prakash Ranjan1*, Dr. Sudha Goel2
6.	ICACSE2018-0167	Migration and Printability characteristics of Polycaprolactone (PCL) / Graphene based Bionanocomposite film for food packaging applications	Vishnuvarthanan.M
7.	ICACSE2018-0190	Effect of Acetylation Technique on Mechanical Behavior and Durability of Palm Fibre Vinyl-ester Composites	A. Godwin Antony,1* R. Senthilraja2 , R. Sarala3,V. Seshadhri 2
8.	ICACSE2018-0204	Study on Ballistic Performance of Newly Developed Sandwich Hybrid Natural Composites	P. Parameswaran1*, G. Arun Kumar2, T. Raj Kumar3, M. Ranjith Kumar4, S. Arul5

Session Title: PS 32-Bio Energy II

Time: 11.00-1.00 (8/12/2018)

1.	ICACSE2018-0176	Valorization of musambi peel for bioethanol production: simultaneous saccharification and fermentation using isolated enzymes	Indulekha John, Jishnu P, Karuppan Muthukumar, Arunagiri Appusamy
2.	ICACSE2018-0224	Acid Value Optimization in Biodiesel Production From Rubber Seed Oil.	A.V.S.L.Sai Bharadwaj1, S Niju2, K.M.Meera S Begum1, N Anantharaman
3.	ICACSE2018-0240	Production of Biodiesel from High FFA Feedstock Using Acid Catalyst Derived from Palm Fruit Bunch	A. Sakthi Saravanan1, Periyasami S2, Sivakumar P3, Vijaya Kumar B1
4.	ICACSE2018-0241	Kinetics and Thermodynamic Studies on Biodiesel Production Madhuca indica using Cotton Stark Catalyst	Haridas Harikrishnadas Choksi1, Yash Hiteshkumar Gandhi1, Sivakumar P
5.	ICACSE2018-0308	BIO CATHODE BASED MICROBIAL DESALINATION CELL FOR DESALINATION, SUSTAINABLE ENERGY PRODUCTION AND REDUCTION IN ORGANIC COMPOUNDS OF PETROLEUM WASTEWATER	V.R.V.Ashwaniy1 , Dr. M. Perumalsamy1*
6.	ICACSE2018-0301	Optimization of biodiesel production from Prunus Domestica kernel oil using Taguchi Technique	N. Bhanu Teja1 , N. Alagumurthi1
7.	ICACSE2018-0106	Hydrothermal Carbonization of Citrulluslanatus fruit peel	B.Sai rohith1, T.Aarthi1,N . Prapporna1, S.Srinath
8.	ICACSE2018-0125	Valorization of Waste Cooking Oil for utilization as Diesel blends in C.I. Engine – Performance and Emission studies	P. Dey, S. Ray

Session Title: PS 33-Process Intensification

Session Time: 11.00-1.00 (8/12/2018)

1.	ICACSE2018-0232	Sustainable Drilling Operations by Utilizing Waste Biomass as a Lost Circulation Additive	Hari Ganesh¹, P Sivasankar¹, Sivakumar P*¹, Yogendrasingh Pawar¹
2.	ICACSE2018-0057	Effect of neem oil coating on nitrification of urea-N in silty clay soil	Sridharan V. Govind, Ramananda Bhat. M*, Dhriti Hazarika
3.	ICACSE2018-0145	Intensification of Transesterification Process for Biodiesel Production using Micro reactors	K. Patluri, 1 S. Bhadauria, 1 S. Vedantam¹*
4.	ICACSE2018-0160	FLUE GAS WASTE ENERGY INTEGRATION SYSTEM IN BOILER OF THERMAL POWER PLANT USING PINCH ANALYSIS	S. S. Chauhan¹, * S. Khanam²
5.	ICACSE2018-0168	Cell disintegration strategies for efficient extraction of carboxypeptidase Y from <i>Kluyveromyces marxianus</i>	Sivanesh N.E, Leelaram S, Anusha S.M and Surianarayanan M*
6.	ICACSE2018-0169	MASS TRANSFER ENHANCEMENT DUE TO THE PRESENCE OF ROTATING TWO STAGE FOUR BLADE FLAT TURBINE PROMOTERS IN AN ELECTROLYTIC CELL	K. Ramesh Chandra¹*, M.Venkateswara Rao², M.Venkata Ratnam³, D. Subba Rao⁴ and N. Chitti Babu⁵
7.	ICACSE2018-0150	Application of Process Intensification methods for polymerization of vinyl acetate: Experimental and modeling study	N. Manthani¹, S. Vedantam
8.	ICACSE2018-0298	Concentration enrichment of fermentation derived Acetic acid: Transport Modeling of Forward Osmosis-Nanofiltration Integrated System	J. Nayak, P. Pal