

SCHEDULE FOR TECHNICAL SESSIONS - ICAER09

Hall 1 - IRCC Auditorium

Day 1, 9th Dec' 09			
	Manuscript no. MS#ICAER09	Title of the paper	Author(s)
Distributed generation and New materials			
TS1 (11:30 to 13:00 h) 15min per paper	/048	Unintentional Islanding Of Distribution System And Review Of Challenges Of Frequency Based Active Detection Methods	Smita Shrivastava, Dr. S Jain, Dr. R.K.Nema
	/044	Optimization Of Recombination Parameters To Enhance Minority Carrier Lifetime	Ratna Sircar, S. Gupta, D. Prakash, B. Tripathi and J. Trivedi
	/045	Modeling And Optimization Of Doping Concentration Of Amorphous Silicon Thin Film Photovoltaic Cell	Ratna Sircar, Brijesh Tripathi,, Dibya Prakash Srivastava, Shraddha Gupta, Jyotsana Trivedi
	/022	Development And Characterization Of Aluminum-Alloy (Lm-13) Reinforced Smart Nano-Zro ₂ Metal Matrix Composites (Snmms)	Joel Hemanth
	/096	Enhanced Photo catalytic activity of Indium and Nitrogen co-doped TiO ₂ containing Pd co-catalyst	R. Sasikala, A. R. Shirole, V. Sudarsan, Jagannath and S. R. Bharadwaj
	/046	Sizing Optimization And Analysis Of A Stand-Alone Wtg System Using Hybrid Energy Storage Technologies	Prabodh Bajpai,Sowjan Kumar,N. K. Kishore
Advances in engine research - I			
TS2 (14:00 to 15:30 h), 15 min per paper	/033	Performance And Emission Characteristics Of A Low Heat Rejection S.I Engine Fuelled With Alcohol-Gasoline Blends	C. Ramesh Kumar, Abhishek Jha, Ashraf Emran
	/114	Part Load Efficiency Improvement In A Spark Ignition Engine By Fuel Injection And Extended Expansion – An Experimental Study	Purushothama H. R., J. M. Mallikarjuna and V. Ganesan
	/018	Effect Of 1, 4 Dioxane- Ethanol Diesel Blends On Diesel Engine	Sundar Raj, C Arul. S. Sendilvelan, S.Saravanan, C. G
	/094	Testing Of Dry Cleaned Producer Gas From Biomass Gasifier In A D.I. Type Diesel Engine	L. Kumararaja, K. Subbarayudu, R. Sethumadhavan
	/015	Engine Performance And Emissions Of A Diesel Engine Operating On Bhotora Oil Methyl Ester	Dilip Kumar Bora
	/009	Development Of Diesel Particulate Filter (Dpf) For Diesel Engine With Indigenous Ceramic Materials	Dr.Nishikant.V.Deshpande,Suhas.C. Kongre,Piyush.N.Deshpande

	Manuscript no. MS#ICAER09	Title of the paper	Author(s)
Advances in engine research - II			
TS3 (17:00 to 18:30h) 12.5 min per paper	/061	Experimental Investigations To Improve The Performance And Emission Characteristics Of Diesel Engine Operating On Rice Bran Oil Using Advanced "Fuel-Cat" Technology	Pinkesh R.Shah,Divyang R. Shah and Dharmendra Gor
	/127	Sustainability Analysis Of Jatropha As A Vehicle Fuel	Prabhat Lakhera and Rangan Banerjee
	/031	Reduction In Exhaust Emission using Oxygen Enriched Air In C.I. Engine	Rajesh Kumar Pandey, A. Rehman, R. M. Sarviya
	/019	Experimental Investigation of the Cycle-by-Cycle Variation of Heat Release Parameters in HCCI Combustion of Methanol and Gasoline fuel	Rakesh Kumar Maurya, Avinash Kumar Agarwal
	/125	Performance Evaluation And Emission Characterization Of Diesel Engine Operating On Bio-diesel Produced From Acid Oil: A Byproduct Of Vegetable Oil Refinery	Ganesh D. B., S. Kumarappa, B. M. Kulkarni
	/074	Performance And Emissions Characteristics Of C.I. Engine With Bio-diesel Blends, CI Engine, Bio-diesel, Transesterification, Emissions, No _x	Dr.Nishikant.V.Deshpande,Mahul Indani, Rajan Singh
	PD-1	Clean And Efficient Fuel-Flexible Combustion Of Alternative Diesel Fuels Via Closed-Loop Control	Gayatri Adi, C. Hall, D. Snyder, M. Bunce, and G. Shaver

Day 2, 10th Dec' 09

	Manuscript no. MS#ICAER09	Title of the paper	Author(s)
Coal and biomass			
TS4 (11:00 to 13:00 h), 13 min per paper	/069	Experimental Investigations of New Combinational Burner for Domestic Cooking Application	V. K. Pantangi, Franz Durst, Subhash C. Mishra, P. Muthukumar
	/064	Experimental Investigation Of Burning Rates Of Methanol Blended Fossil Fuels	Shintre Parag and Vasudevan Raghavan
	/035	Studies in fluidized bed combustor of 7.5MW plant based on cotton stalks	Ravi Inder Singh, S.K.Mohapatra, Karamdeep Singh
	/087	Influence Of Equivalence Ratio On The Steam Gasification Of Coir Pith In A Circulating Fluidized Bed Gasifier	K.N.Sheeb, J.Sarat Chandra Babu, S.Jaisankar
	/078	Synthetic Liquid Fuels And Electricity From Indian Coal	Hari Chandan Mantripragada, E. S. Rubin
	/116	Carbonate Looping Based Pre And Post Combustion CO ₂ Capture - Sorbent Perspective	Senthoorselvan Sivalingam and S.Gleis and H.Spliethoff
	/066	Estimation Of Biogas Generation Potential For De-Oiled Seed Cake Of Madhuca Indica And Balanites Aegyptiaca	N.W. Kale, N.V. Deshpande, L.B. Bhuyar and S.J. Deshmukh
	/030	Decision Support System For Jatropha Seed Cultivation In The Unutilized Cultivable Lands	S.P. Srinivasan, P. Malliga, M. Prithviraj, J. Nirmalraj
	/126	Digital X-Ray Radiography Technique For The Study Of Char Formation	D. Ruben Sudhakar and Ajit Kumar Kolar

Day 3, 11th Dec' 09

	Manuscript no. MS#ICAER09	Title of the paper	Author(s)
Energy conservation and optimization - I			
TS5 (10:15 to 12:45 h), 16 min per paper	/122	Condition Monitoring Of A Centrifugal Pump Using Ann	Pradeep Yadav, Dr. Ashesh Tiwari
	/023	Dynamic Programming: An Approach For Finding Optimal Switching Device Placement In Radial Distribution Systems	R. B. Sharma, M. A. Baig, Dr. G.M. Dhole
	/083	Optimization Of Moisture Removal From Bagasse Using Flew Gases In A Co-Generic Power Plant Of Sugar Industry	Appu Kuttan K K,Vasudev M,G.S Yarnal
	/112	Optimized Multiple Designs For A Segregated Planning Water Using System	Gopal Chandra Sahu, Santanu Bandyopadhyay, Dominic C. Y. Foo and Raymond R. Tan
	/099	Review Of Papers for the Developments of Adsorption Cooling System For Transport Truck Cabin	Dr. Gajanan Parishwad and H. U. Tiwari
	/041	Tri-generation For A Typical Indian Hospital :An assessment considering compulsory load management scenario	Mahesh Shelar, S.D. Bagade, G.N. Kulkarni
	/057	Effect Of Excess Air On Efficiency Of Boiler For Different Fuels	Sanjay D. Barahate, V. C. Shewale, D. D. Dev
	/016	Plastic Waste To Energy- An Innovative Approach	Biswajit Ruj, P.K.Chatterjee, A.K.Goel, D.Saha, J. Mandal and S.Hasan
/073	Water Consumption in Oil Sands Recovery: Strategies for Dealing with the Water – Energy Nexus over the Next Decade.	Dr. Subir Bhattacharjee	
Energy conservation and optimization - II			
TS6 (14:00 TO 15:00 h) 12 min per paper	/108	Least Square Approach To Model Sardar Sarovar Canal Head Power House	Amita Mahor, Vishnu Prasad and Saroj Rangnekar
	/111	Approach For Waste Heat Recovery From Standby Dg Sets	Vishal R. Sardeshpande and I. R. Pillai
	/097	Fuel Substitution Options for a Cement manufacturing plant in Nigeria.	C. J. Diji
	/081	Bio-fuels For Decentralized Power Generation: Techno-Economic Analysis For Mahua Svo And Mahua Methyl Ester	N.W. Kale, N.V. Deshpande, U. T. Sunilkumar
	/071	Use Of Ceramic Heat Shield Ring With Embedded Porous Zirconia: An Approach To Enhance Thermal Efficiency Of Conventional Pressure Stove	Monikankana Sharma, Subhash C. Mishra and Paltu Acharjee