

## Poster Session-II

16<sup>th</sup> April 2018

Paper ID	Paper Title	Presenting Author Name	Organisation
279	Role of Bitumen as an Engineering Material in the Flexible Pavement Construction	Kamal Kumar	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
288	Selective polyaromatics saturation and ring opening during hydroprocessing of light cycle oil over sulfided Ni-Mo/SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> catalyst	Anil Sinha	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
295	Dynamic biodiesel product pricing model: case study, process simulation, energy & cost analysis	Zakir Hussain	Rajiv Gandhi Institute of Petroleum Technology
300	Production of transportation fuel and petrochemical range hydrocarbons from bio-ethanol	Saandeep K. Saxena	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
305	Improvement in pipeline flow of high pour Mangla crude at ambient conditions by blending and addition of polymeric additives	Dr Ajay Kumar	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
310	Investigation of fatigue behaviour of bio-esters	Neha Sharma	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
320	ROLE OF ETHANOL ON QUALITY OF AVIATION FUEL & WATER PASTE	DR NIHAR DASH	IOCL
323	Co-digestion of Water Hyacinth and Agricultural waste biomass for conversion to biomethane	Dr. Ravi Sahai	IOC R&D
326	Simarouba Glauca Oil: A Potential Source of Biodiesel Production	S K Senapati	Indian Oil Corporation Ltd (MD)
329	Ni-oxide as Oxygen Carrier for Chemical Loop Combustion based Carbon Capture	Pankaj Arya	INDIAN INSTITUTE OF PETROLEUM DEHRADUN

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332	Indirect synthesis of ethanol using bimetallic Co-Pt catalyst - A kinetic study	PRANAB KUMAR RAKSHIT	BHARAT PETROLEUM CORPORATION LIMITED
339	Fuel Economy and Exhaust emissions of a Passenger Car Engine running on blends of Gasoline and Ethanol	Punit Kumar Singh	IOC R&D
342	Phosphonium Cation-Based Protic Ionic Liquids as Lubricant Additive to Reduce the Friction and Wear of Synthetic Lube Base Oil	Amzad khan	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
349	Non-edible Oil-based Lubricant Base Stocks with Potential Industrial Applications	MSL KARUNA	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
352	Energy efficient BTX Recovery using Dividing Wall Column	Sairamu Madala	Hindustan Petroleum Corporation Limited
360	Development of Long Life Engine Coolant Based on Organic Acid Technology (OAT) Meeting the Requirements of New Generation Engine Coolants in Automotive Industry	P.V. Joseph	IOC R&D
367	A Dynamic Approach for the Estimation Olefins in Cracked Fuel Range Products of Variable Nature and Composition by <sup>1</sup> H NMR Spectroscopy: Comparison with Various Existing ASTM Methods.	Sujit Mondal	IOC R&D
369	Electrofuels: A product from bio-catalyzed electrochemical process converting electrical energy to biofuel	Sandipam Srikanth	IOC R&D
375	Impact of ambient storage on properties of ethanol-gasoline blends	Maya Chakradhar	IOC R&D
508	Potential of viscosity reducing thermophilic anaerobic bacterial consortium TERIB#90 in upgrading heavy oil	Meeta Lavania	TERI, New Delhi
530	RICE STRAW EXTRACTIVES COMPOSITION AND ITS IMPACT ON ENZYMES AND FERMENTABLE SUGAR PRODUCTION	Dr Alok Satlewal	IOC R&D

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533	High temperature based anaerobic fermentation for bioethanol production	Dr Nisha Singh	IOC R&D
535	Simultaneous saccharification and co-fermentation of acid pre-treated rice straw using co-culture of wild type and genetically engineered <i>Saccharomyces cerevisiae</i>	Dr. Ajay Kumar Sharma	IOC R&D
547	Control of Backfire by Online Monitoring of Engine Oil in a Hydrogen Fuelled Spark Ignition Engine	Vipin Dhyani	Centre for Energy Studies, Indian Institute of Technology Delhi
549	Troubleshooting of Calciner support roller Bearings: Role of Grease Chemistry a case study	Dr Rajiv Srivastava	IOC Marketing
551	Feasibility of Minimizing Cutter Stock Usage in Furnace Oil (FO)	Manisha Saraswat	IOC R&D
557	DEVELOPMENT AND FIELD TRIAL OF A GREASE FOR THE LUBRICATION OF CARTRIDGE TAPER ROLLER BEARINGS OF FRIGHT STOCK	Joseph P Antony	IOC R&D