

Poster Session-I

15th April 2018

Paper ID	Paper Title	Presenting Author Name	ORGANISATION
278	Quantifying the percentage blend level of biofuels in blended fossil fuel and their behavior on material corrosion & protection by naturally occurring green phyto substances: a quality control viewpoint	Pankaj Kumar Mondal	INDIAN OIL CORPORATION LIMITED
282	Bio-derived ionic liquids as environmentally benign additives for lubrication applications	Praveen Kumar Khatri	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
294	Biodiesel production from neem oil using novel corncob derived solid acid catalyst	Zakir Hussain	RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
304	Use of Novel Chitosan-Based Cationic Surfactant as Viscosity Modifier for the Bituminous Short Residue	Himani Negi	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
306	Compositional analysis of liquid and wax range hydrocarbon obtained from waste polypropylene	Manisha	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
309	Performance Characteristics of 2-Methylfuran /Gasoline Blend in a Constant Speed S.I. Engine	Mritunjay Kumar Shukla	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
315	Synthesis and performance evaluation of polyol deep eutectic solvents (PDESs) as biolubricants and bio additives	Ponnekanti Nagendramma	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
321	HPCORRMIT-A Novel Cost Effective Corrosion Inhibitor for LPG pipelines: A make in India Initiative	Naresh Kottari	HINDUSTAN PETROLEUM CORPORATION LIMITED
325	Dicarboxylate Anion-Based Ionic Liquids as Lubricant Additives for Enhancement of Tribo-Performance of Synthetic Lube Base oil	Yasa Sathyam Reddy	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
327	Heterogeneous catalysts for the chemical transformation of triglycerides and glycerol	Amjad Ali	THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY

331	Synthesis of Micro Crystalline wax substitute using Paraffin Wax	Mathew John	BHARAT PETROLEUM CORPORATION LIMITED
338	Driving Cycle Performance and Emission Analysis of a Motorcycle with Gasoline and E20 fuels	P. Sakthivel	IOC R&D
340	Process for Optimizing Hydrogen Consumption in Diesel Hydrotreating Units and Improve Refinery Profitability	Pradyut Kumar Dhar	HINDUSTHAN PETROLEUM CORPORATION LIMITED
344	Chemically-Functionalized MoS ₂ Nanosheets as Dispersible Additive for Reduction of Friction and Wear	Sangita Kumari	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
351	State-of-the-art methodology for determination of Chloride in hydrocarbon streams using modified extraction and potentiometric determination.	Dr Y S JHALA	INDIAN OIL CORPORATION LIMITED
353	Study of the problem of high foaming experienced in FRF system	Dr.J.S.Rathore	NTPC
361	Bio-deterioration of Metal Working Oils: An Outlook on Issues and Solutions	Manoj Upreti	IOC R&D
368	Characterization of Sulfur Species in Vacuum Gas Oil (VGO) using Comprehensive Two-Dimensional Gas Chromatography (2DGC-TOFMS)	Dheer Singh	IOC R&D
374	Development of naphtha lubricity Improver from lab to field trials	Shanti Prakash	IOC R&D
501	Novel CO _x -free Process for Production of H ₂ and CNT from Catalytic Decomposition of Methane	Bharati Panigrahy,	HPCL R&D
506	Synthesis and kinetic studies of New Generation Bio lubricating Oils for Industrial Micro Electro Mechanical Systems (MEMS)	Ponnekanti Nagendramma	INDIAN INSTITUTE OF PETROLEUM DEHRADUN
514	Development of low pour diesel BSIV for high altitude applications using suitable additive	V K Sharma	IOC R&D
531	Lipid and Biomass Production by Thermo tolerant Strains of <i>Chlorella</i> Sp. in Waste Waters from Lignocellulosic Biomass Pretreatment Plant	Dr Preeti Mehta	IOC R&D
534	Improved enzymatic saccharification of plant cell wall into sugars using steam explosion	Dr Surbhi Semwal	IOC R&D

536	Enzymes mimics: Quest for finding robust biocatalyst in industrial CO ₂ capture	Dr.Prakash C. Sahoo	IOC R&D
548	Study of effect of oxygen enrichment on the performance, combustion and emission characteristics of a methanol fuelled spark ignition engine	Nidhi	CENTRE FOR ENERGY STUDIES, INDIAN INSTITUTE OF TECHNOLOGY DELHI
550	DEVELOPMENT OF TEST METHOD FOR WEAR STUDIES OF WIND TURBINE GEAR OIL	Rahul Meshram	IOC R&D
554	Feasibility study for conversion of low sulphur heavy stock (LSHS) to marine grade furnace oil (FO)	Tanmay Mandal	IOC R&D
558	Correlation Study Between the Fuel Analyzer and Conventional Test Methods for Quick Monitoring of Transportation Fuels	Vipin Bansal	IOC R&D
562	Comparison between Star and Olefin Co-Polymer	Mohnish Shukla	INFINEUM