

List of MoUs/Agreements Signed during 2012

S.No.	List of Agreements	Type of Agreement	Date of Signing	Title of Agreements
1	IOCL	MOU	11.05.2012	Research Work for Ph.D degree
2	BPCL	MOU	18.05.2012	Development and commercialization of new ammonical water soluble fixed bed sweetening catalyst for gasoline/ kero/ATF
3	IMEC/CRC/HAS,Hungary	MOU	15.05.2012	Academic
4	University of Missouri (MU), Columbia, USA	MOU	17.05.2012	Academic
5	IOCL Mathura Refinery	MOU	28.05.2012	Design and Engineering of VBU Soaker Internals at Mathura Refinery
6	RIL-Technip KT India LTD	NDA	19.06.2012	Basic Engineering Package for Cmmercialization of the Technology
7	UPES, Dehradun	MoU	04.10.2012	Academic
8	Hyundai Oilbank Co. Ltd., Korea	NDA	25.10.2012	Conversion of Naphtha to Heavier Distillates i.e Diesel

List of MoUs/Agreements Signed during 2013

S.No.	List of Agreements	Type of Agreement	Date of Signing	Title of Agreements
1	Tata Motors Limted, Mumbai	NDA	10.01.2013	Studies on passenger and commercial vehicles
2	Jaypee Institute of Information Technology, Noida	MoU	22.01.2013	Academic
3	Premas Biotech Pvt. Ltd, Gurgaon	NDA	29.01.2013	Production of Glycolipids in bath and fed bath operation
4	Technip KT India, Noida	NDA	14.02.2013	Process Technology including catalysts for conversion of waste Plastics to value added product e.g. Gasoline, Diesel and Aromatics
5	Lubrizol India Pvt. Ltd. Mumbai	MoU	07.03.2013	To study the performance characteristics of 4 T Engine oil formulations under normal operating conditions on four stroke engine Motor Cycles by accumulation of 13,000 km mileage
6	Trash Energy Pvt Ltd. Motihari	NDA	08.03.2013	An Integrated Biochemical Process for Lignocellulosic Ethanol and Value Addition
7	RMIT University, Australia	MoU	17.04.2013	Academic
8	SABIC Ventures B. V, Netherlands	NDA	01.05.2013	Wate Plastics/ biomass to chemicals conversion technology
9	Institute of Chemical Technology (ICT), Mumbai	MoU	11.05.2013	Collaborative Programme in R&D, Education and Training

List of MoUs/Agreements Signed during 2014

S.No.	List of Agreements	Type of Agreement	Date of Signing	Title of Agreements
1	Petrochemical Resesarch Chair, King Saud University, Saudi Arabia	Intent to Collaborate	12.02.2014	Academic
2	SABIC Petrochemicals BV, The Netherlands	MoU	20.02.2014	Establishing Prof of Concept for Processing Strainght Run Naphtha for Recovery of Naphthenes and Aromatics
2	Siegwerk India Pvt. Ltd New Delhi	NDA	25.02.2014	Development of synthetic way to development a new monomer for polymer binder application

4	National Research Development Corporation New Delhi	MoU	14.03.2014	For Licensing and exploitation of know how processes/technologies developed by CSIR-IIP on an exclusive basis
5	Deepak Nitrite Limited, Vadodara	NDA	24.03.2014	Performance Chemicals and Fuel Additives
6	CSIR-IIP-EIL-NRL	MoU	31.03.2014	commercialization of the Solvent Deoiling Technology for Production of Wax
7	Haldia Petrochemicals Limited, Kolkata	NDA	15.04.2014	study on : C ₃ recovery from Cracked LPG of IOC Haldia, Value addition to CBFS and re-run column bottom, Toluene recovery from hydrogenated pyrolysis gasoline, Value addition of C ₄ stream, Alkylation of toluene with methanol to produce P-Xylene, Styrene recovery from raw pyrolysis gasoline, Value addition of C ₅ stream
8	SABIC Petrochemicals BV, The Netherlands	MoU	02.05.2014	Technical Services
9	Cranfield University, UK	MoU	23.05.2014	Academic
10	Indian Institute of Technology (Banars Hindu University), Varanasi	MoU	31.05.2014	Academic
11	Param Global Energy Mumbai	NDA	10.07.2014	Process for Extraction and Quality Improvement of Wax from Petroleum Tank Bottom Sludge
12	Technip India Limited, Noida	NDA	08.09.2014	Process Technology including catalysts for conversion of waste plastics to value added products e.g. Gasoline, Diesel and Aromatics"
13	University Institute of Chemical Technology, Jalgaon	MoU	25.09.2014	Academic
14	Daya Lubricant Pvt Ltd Mumbai	NDA	09.10.2014	Re-refining of used Automotive and Industrial Oils through Solvent Extraction
15	CSIR-IIP, Dehradun-AoD, IOCL, Digboi, Assam and CHT, Noida	MoU	21.10.2014	Study to examine the possibility of Production of Naphthenic Base Oil and Paraffin Wax from Waxy Distillate Streams