

**Refining & Petrochemicals World. IE 2021**  
**Conference Program**  
**25<sup>th</sup> – 27<sup>th</sup> October, 2021**  
**Online Conference**  
**Theme: Flexible Refining for Future Sustainability**

<b>Day 1</b> <b>25<sup>th</sup> October, 2021</b> <b>2:00 pm – 6:00 pm</b>	
<b>INAUGURAL SESSION</b> <b>2:00 pm – 3:05 pm</b>	
<b>Welcome Address</b>	<b>Chemtech</b>
<b>Chairman's Address</b>	<b>Dr SSV Ramakumar, Director (R&amp;D and P&amp;BD), IndianOil &amp; Chairman, Refining &amp; Petrochemicals World.IE 2021</b>
<b>Keynote Address</b>	<b>Mrs. Vartika Shukla, Chairperson &amp; Managing Director Engineers India Ltd</b>
<b>Special Message</b>	<b>Mr. Tarun Kapoor (IAS) , Secretary Ministry of Petroleum &amp; Natural Gas, Govt. of India</b>
<b>Vote of Thanks</b>	
<b>Break : 3:05 pm – 3:15 pm</b>	
<b>REDUCING CARBON FOOTPRINT IN REFINING</b> <b>3:15 pm – 4:30 pm</b>	
<b>Intervention in refining process to manage emissions for CO2 Reduction</b>	<b>Ms. Prerana Saha , Sr. Manager Process, EIL Dr Shobha Agarwal, GM Process , EIL</b>
<b>Value Chain Analysis : CO2 Capture &amp; Transport from Refinery to EOR</b>	<b>Mr. Girish Shirodkar, Partner, PWC - Strategy &amp;</b>
<b>Case Study: CO2 Conversion Technologies</b>	<b>Mr. Sangeet Jain , GM India, Lanzatech</b>
<b>Selecting correct insulation for energy efficiency</b>	<b>Mr. Supratik Bhattacharya, National Sales Head (India, Bangladesh &amp; Global Key Account) – Industrial Segment, ROXUL ROCKWOOL Technical Insulation India Private Limited</b>
<b>Q&amp;A</b>	
<b>Break : 4:30 pm - 4:40 pm</b>	
<b>PANEL DISCUSSION : PRODUCT FLEXIBILITY IN REFINING &amp; PETROCHEMICALS</b> <b>4:40 pm – 5:40 pm</b>	
<b>Moderator</b>	<b>Mr. Prasad Panicker, Director &amp; Head Refinery, Nayara Energy</b>
<b>Mr. Reep Hazarika, MD, BCPL</b> <b>Mr. Rajesh Samarth, Lummustech</b> <b>Mr. Satyam Mishra, Refining Technology Manager KBR Technologies</b> <b>Mr. Pankaj Srivastava, Lead IPS &amp; Olefin, Detergenets &amp; Aromatics Technologies, Honeywell UOP</b>	
<b>Q&amp;A</b>	
<b>DAY -2</b> <b>Tuesday, 26<sup>th</sup> October, 2021</b>	

2:00 pm onwards	
<b>NEW TECHNOLOGY INTERVENTIONS – I</b> 2:00 pm - 3:35 pm	
Session Chairman	Dr Madhusudan Sau , ED (RT), IndianOil
Oil to Chemicals: Optimum Refinery Configuration – an RIL’s MCC Process	Mr. Sukumar Mandal, Vice President R&D, Reliance Industries
Residue upgradation towards enhancing crude to chemicals	Dr. Satyen Kumar Das, General Manager, IOCL R&D
Process Intensification	Dr Jagadesh Donepudi, Director – Indian Operations, KBC Consultants
Indigenous Innovations and Commercialisation of Catalysts	Mr. Aravind Narayanan, Business Segment Head BU Catalysts: Refining & Petrochemicals, Sud Chemie
Composite Solutions for Pumps in the Hydrocarbon Processing Industry	Mr. Tony Young , Design & Analysis Engineer Greene Tweed & Co.
Q&A	
<b>DIGITALIZATION</b> 3:45 pm – 5:15 pm	
Session Chairman	Mr. Atul Paranjape, VP, Group Digital & IT , Larsen & Toubro
Digital Twins – Driving Digital Transformation	Mr. Juha Asanti, Vice President, Regional Offices Cadmatic Software Solutions
Digitalizing Downstream Oil & Gas Operations	Ms. Shridevi Bale, MD -Energy Lead, Accenture
Connected Analytics (Digital Thread) for Sustainability in Refinery Operations	Dr Tushar V. Tamhane, Head Delivery, Advanced Process Solutions Group, Tridiagonal Solutions
Q&A	
<b>DAY 3</b> Wednesday , 27 <sup>th</sup> October, 2021 2:00 pm onwards	
<b>NEW TECHNOLOGY INTERVENTIONS – II</b> 2:00 pm – 3:00 pm	
Session Chairman	Mr. V Nandakumar, CGM , MRPL
Role of technologies in Energy Transition and India	Ms. Andrea Buetler, Director Energy Transition APAC Region, Worley
Process Safety	Dr. Christina Phang, FICHEME, Professional Process Safety Engineer ASSOCIATE, GRIP Global Pte Ltd.
Improve MTBR & Reduce Emissions	Mr. T R Varadhan, Director, Mascot Systems Pvt Ltd
Product Flexibility: Instrumentation & more	Mr. Tansen , COO, Fluid Controls Private Limited
Q&A	
<b>Break : 3:00 pm – 3:10 pm</b>	

<b>PANEL DISCUSSION : GREEN HYDROGEN OBLIGATION IN REFINING</b> <b>3:10 pm – 4:10 pm</b>
Session Chair & Moderator <b>Mr. S Bharathan , ED – R&amp;D , HPCL</b>
Panelists:  Mr. Sturle Pederson, Chairman , Greenstat Hydrogen India Pvt Ltd Dr Ashish Lele , Director , CSIR – National Chemical Laboratory Mr. Anish Paunwala, Director– BD, Investment Capital (H2) Projects, South Asia, Linde Plc Mr. Gautam Reddy, COO-New Energy, Greenko Mr Satish Palekar - EVP New Energy Solutions, Larsen & Toubro
Q&A
<b>Break : 4:10 pm – 4:20 pm</b>
<b>PANEL DISCUSSION : Biofuels, Renewables &amp; Alternate Energies</b> <b>4:20 pm – 5:20 pm</b>
Moderator & Anchor Presenter: <b>Dr Anjan Ray. Director, IIP Dehradun</b> Anchor Presentation : <b>Overall Perspective in India on Alternate Fuels</b>
1-G & 2-G Biofuels <b>Mr. Vasudeo Joshi, Vice President &amp; BU Head - Advance biofuels &amp; Renewable Gas, Praj Industries</b>
Biofuels & Alternate energies <b>Mr. Shantanu Gupta, Chief General Manager I/C (Alternate Energy &amp; Sustainable Development) IndianOil</b>
Solar Energy <b>Dr Dilawar Singh, MD &amp; CEO, Sun Brilliance Group &amp; President IBC Australia</b>
Engineering & Projects <b>Ms. Shilpi Mittal, Manager – Project Engineering, McDermott International, Inc., India</b> <b>SABR Bio-Refinery, Australia</b>
Q&A

**Bold – Confirmed**

\*Invited

TBA / Blank: To be Announced