

Conference Agenda

Day 1 - Monday 21 October 2024

All times are in IST (GMT +5.5 hours)

9:00 - 9:15	Opening Remarks by Three Ten Initiative Technologies LLP
9:20 - 9:40	Keynote: Innovations in Distillation: Shaping the Future Ranjit Hirode - Shell India Markets Pvt. Ltd.
Session 1 9:45 - 10:45	Distillation Masterclass  #CHEMICAL/OIL&GAS (9:45 - 10:45) - Useful Rules of Thumb in Distillation Henry Kister, Fluor
10:45 - 11:15	 Morning Coffee & Networking Break
Session 2 11:15 - 12:15	Session Theme: Research, Fundamentals, and New Technologies - I (11:15 - 11:35) - Isomer Separation #CHEMICAL Pramil Anand, Aarti Industries Ltd. (11:35 - 11:55) - Decarbonization with VoltaSplit™ Electrified Distillation #CHEMICAL/OIL&GAS Vito Sangiorgio, Sulzer (11:55 - 12:15) - Distillation R&D at Shell #CHEMICAL/OIL&GAS Ranjit Hirode, Shell
12:15 - 12:30	Session 2 Panel Discussion
12:30 - 13:30	 Lunch & Networking Break
Session 3 13:30 - 14:30	Session Theme: Revamps - I (13:30 - 13:50) - Mitigating Fouling in Crude Distillation Columns: A Case Study on the Application of SUPERFLUX® tray® Trays in the Kerosene Section #OIL&GAS Sandeep Yadav, Koch Engineered Solutions India Pvt. Ltd. (13:50 - 14:10) - Successful Revamp of a Heat Pumped PP-splitter Enabling a Change from Chemical to Polymer Grade Propylene at Higher Feedrate #CHEMICAL/OIL&GAS Dr. Peter Wilkinson, Sulzer (14:10 - 14:30) - Optimal Asset Utilization by Integrating the Units on Various Operational Strategies and Increased Productivity. #OIL&GAS Rajat Gandhi, Hindustan Petroleum Corp. Ltd.
14:30 - 14:45	Session 3 Panel Discussion
Session 4 14:50 - 15:30	Session Theme: Process Control, Safety, and Digitalization - I (14:50 - 15:10) - Propylene Tower Case study using Column Targeting Analysis #CHEMICAL Harshita Darlapudi, Reliance Industries Ltd. (14:10 - 15:30) - Beyond Traditional Methods: Optimizing Amine Regenerator Column Relief Calculations #OIL&GAS Ayan Dasgupta, Fluor India Pvt. Ltd.
15:30 - 15:40	Session 4 Panel Discussion
15:40 - 16:10	 Afternoon Coffee & Networking Break
Session 5 16:10 - 16:50	Session Theme: Mass Transfer Internals - I (16:10 - 16:30) - Enhancing Vacuum Tower Performance with PROFLUX® Grid Technology: A Case Study #CHEMICAL/OIL&GAS Zack Bondley, Koch Engineered Solutions (16:30 - 16:50) - The Path to High Capacity in Separations Technology #CHEMICAL/OIL&GAS Ashraf Lakha, RVT Process Equipment
16:50 - 17:00	Session 5 Panel Discussion

Conference Agenda

Day 2 - Tuesday 22 October 2024

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9:00 - 9:15	Opening Remarks by Three Ten Initiative Technologies LLP
Session 6 9:20 - 10:00	Session Theme: Mass Transfer Internals - II (9:20 - 9:40) - Sulzer MellapakEvo™ - Packed for Evolution! #CHEMICAL/OIL&GAS Rahul Wankhede, Sulzer Chemtech (9:40 - 10:00) - Improving Column Efficiency and Flexibility in Increasingly Challenging Markets Dr. Anand Vennavelli, Koch Engineered Solutions #CHEMICAL/OIL&GAS
10:00 - 10:10	Session 6 Panel Discussion
Session 7 10:15 - 10:55	Session Theme: Process Diagnostics (10:15 - 10:35) - Investigation of Flooding in a Crude Distillation Tower using Gamma Ray Diagnostic Method #OIL&GAS Vinay Bhawe, Board of Radiation and Isotope Technology (10:35 - 10:55) - Mitigating High MCR in Vacuum Gas Oil : A Diagnostic Approach Using Gamma Scanning at BPCL Kochi Refinery #OIL&GAS Sandra Jagadeesh, Bharat Petroleum Corp. Ltd.
10:55 - 11:05	Session 7 Panel Discussion
11:05 - 11:35	 Morning Coffee & Networking Break
Session 8 11:35 - 12:15	Session Theme: Process Control, Safety, and Digitalization - 2 (11:35 - 11:55) - Efficient Startup & Shutdown of a Crude Distillation Unit aided with Effective Alarm Management for Quick Troubleshooting - A Case Study #OIL&GAS Pranay Singh, Fluor (11:55 - 12:15) - Crude Unit Performance Analytics Dashboard: A Comprehensive View for Monitoring and Optimization #OIL&GAS Abhishek Atrey, Bharat Petroleum Corp. Ltd.
12:15 - 12:25	Session 8 Panel Discussion
12:25 - 13:25	 Lunch & Networking Break
Session 9 13:25 - 14:25	Session Theme: Revamps - II (13:25 - 13:45) - RFCCU Revamp to Improve MF and Gascon Columns Performance and Minimize Propylene Losses to ROG #CHEMICAL/OIL&GAS Unmesh Bhagwat, Sulzer (13:45 - 14:05) - Stabilizer Revamp: Unleashing Efficiency with High-Capacity Trays for Low Naphtha RVP (< 7.3 psi) and Maximum Throughput in High-API Crudes #OIL&GAS Rajasekhara Babu Manika, Bharat Petroleum Corp. Ltd. (14:05 - 14:25) - Low-cost Revamp of Crude Distillation Unit for Throughput Increment at HPCL Mumbai Refinery #OIL&GAS Deepak Kumar Jha, Hindustan Petroleum Corp. Ltd.
14:25 - 14:40	Session 9 Panel Discussion
Session 10 14:45 - 15:25	Session Theme: Research, Fundamentals, and New Technologies - II (14:45 - 15:05) - Extractive Two-phase Reactive Distillation for the Separation of Aromatic Ketones from an Azeotropic Mixture: Lab and Pilot Trials #CHEMICAL/BIOCHEMICAL Dr. Pravin Borase, Tojo Vikas International Pvt. Ltd. (15:05 - 15:25) - World's First Dual Wall Divided Column Operating Under Vacuum-Production of De-aromatized Solvents: A refinery technology advancement #CHEMICAL/OIL&GAS Abhijeet Subudhi, Bharat Petroleum Corp. Ltd.
15:25 - 15:35	Session 10 Panel Discussion
15:35 - 16:05	 Afternoon Coffee & Networking Break
16:05 - 16:25	Closing Remarks