



2nd CHT

Activity Committee Meet on

Digitalization in Refining Business Process

25th February 2021

Organized By

Centre for High Technology

&

Bharat Petroleum Corporation Ltd

Kochi Refinery



2nd Activity Committee Meeting on Digitalization in Refining Business Process

Date: 25th February 2021

| Sl.No | From | To | Activity | Time in minutes |
|-------|-------|-------|---------------------------------|-------------------|
| | 10:00 | 10:30 | Inauguration | 00:30 |
| | 10:00 | 10:05 | Shri K.K. Jain, ED-CHT | Welcome Address |
| | 10:05 | 10:10 | Shri P V Ravitej , ED-BPCL | Theme Address |
| | 10:10 | 10:15 | Shri V.S. Shenoy, Director-HPCL | Keynote Address |
| | 10:15 | 10:20 | Shri S M Vaidya, Chairman IOCL | Inaugural Address |
| | 10:20 | 10:25 | Tea Break | 00:05 |

Technical Sessions : Convener- Shri Sridhar K, GM (Digital), Kochi Refinery

10:25 10:30 : General guidelines on conduct of session

| | Time | | Presentation By | Organization | Topic | |
|----|-------|-------|---|---------------------|--|--------------|
| 1 | 10:30 | 10:50 | Mr Anirban Mukherjee | BCG | Digitalisation in Refining and its evolution | 0:20 |
| 2 | 10:50 | 11:10 | Mr Alok Khanna | IOCL RHQ | Digitalization in Refining Business Process | 00:20 |
| 3 | 11:10 | 11:30 | Mr Renaud Galeazzi | Technip FMC | Process Performance Improvement (PPI) digital platform | 00:20 |
| 4 | 11:30 | 11:50 | Ms. Anuradha Shenoy/ Chandresh S | BPCL K | Digital Journey in BPCL Kochi | 00:20 |
| 5 | 11:50 | 12:10 | Mr.Ashutosh Kumar | Caliche Private Ltd | Unsupervised Deep Neural Networks for Refinery Turnaround Maintenance Management | 00:20 |
| 6 | 12:10 | 12:30 | Mr. J Shankar | HPCL | Digital Transformation at HP GREEN R&D CENTRE | 00:20 |
| 7 | 12:30 | 12:50 | Mr. T. S. Park | Aveva | Digital Twin. | 00:20 |
| 8 | 12:50 | 13:10 | Ms Priya Bhagwat | BPCL M | Capturing Value through Digital | 00:20 |
| | 13:10 | 14:10 | Lunch Break | | | 01:00 |
| 9 | 14:10 | 14:30 | Mr.Akshat Srivastava/Andrew Nelson | Honeywell | Increase Asset Availability and Reduce Maintenance Costs with Machine Learning (AI) Predictive Analytics | 00:20 |
| 10 | 14:30 | 14:50 | Mr.Allen John | MRPL | In-house Dynamic Real-time Analytical Dashboard for Continuous Improvement in Asset availability, reliability, safety and reducing unplanned shutdown. | 00:20 |
| | 14:50 | 15:10 | Tea Break | | | 00:20 |
| 11 | 15:10 | 15:30 | Mr.SarjeRao Chopade | Aspentech | Digital twin and smart enterprise | 00:20 |
| 12 | 15:30 | 15:50 | Mr D Bora/ Mr Praveen Nakkella | NRL/Hexagon | Digital Transformation Initiatives | 00:20 |
| 13 | 15:50 | 16:10 | Mr Suresh Panchal/Mr Rajeev Kumar/Mr Awadesh Chetal | Hyperthings | Concurrent real time supply chain management and optimization | 00:20 |
| 14 | 16:10 | 16:30 | Mr.Piyush Patel | Accenture | The Intelligent Refinery | 00:20 |
| | 16:30 | 16:40 | Break for concluding session | | | 00:10 |
| | 16:40 | 17:00 | Key Takeaways by Convener | | | 00:20 |
| | 17:00 | 17:20 | Closing remarks Shri S K Barua, MD-NRL Shri M Venkatesh, MD-MRPL Shri Sanjay Khanna, ED-BPCL KR | | | 00:20 |
| | 17:20 | 17:25 | Vote of Thanks | | | 00:05 |