



Speaker interview with **Arun Kumar, General Manager – Maintenance & Reliability, HPCL – Mittal Energy (HMEL).**

He will be presenting on how you can have effective predictive maintenance and higher reliability through rotary equipment condition monitoring on 25th October and participating in a panel discussion on how big data analytics help to achieve optimal performance and reduce costs on 26th October.

1. At HMEL, what are some of the work you are doing that will interest downstream operators? Is there any new findings which is worthy of mention?

Inhouse set for condition monitoring developed, includes vibration monitoring, lube oil monitoring, process data monitoring and LLFS (look, listen, feel and smell). Separate reliability group for condition monitoring and works in close coordination with plant maintenance and operations team.

2. What are the latest technology adoptions by downstream operators in Asia? Are there any success stories that other operators can learn from?

The latest technologies for plant asset management being adopted that includes integration of all the monitoring tools to a common platform by digitalization. At HMEL, we have started the process and expects the same for production deployment by March'2018.

3. What's the greatest impact IoT, data analytics and AI will have on the industry? What lies ahead of operators and how will they adapt?

In my opinion, the digitalisation process shall have great impact in overall productivity improvement, minimization of unplanned downtime, better reliability and hence operating costs.

4. What will be the highlight of your presentation at Asian Downstream Summit?

Joint participation of condition monitoring group, maintenance and operation team in successful condition monitoring programme and highlight of digitalization process in HMEL.