

*Jignyashika*

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# INFORMATION TECHNOLOGY FOR O&G

## Workshop Details

### Information Technology for Oil and Gas Overview

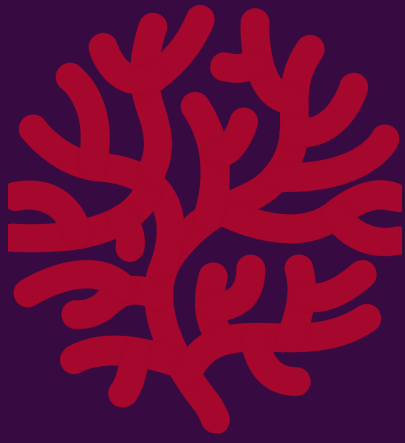
- Like every other enterprise, oil and gas industry also adopts the power of Information Technology to a great extent. Apart from the enterprise applications (ERP), there are dedicated IT solutions available for for each of the businesses processes. Without the presence of the IT solutions the industry is difficult to survive.

### Why Information Technology for Oil and Gas Now?

- Today in the oil and gas industry, both the Operational Technology (OT) i.e Plant Automation system and the Information Technology (IT) play a vital role in the business profitability. It is essential for anyone working in the oil and gas industry to comprehend the IT portfolio map and how it impacts their business.

### Workshop Methodology

- Workshop would be conducted through interactive class room sessions using slide decks, multi-media video clippings and case studies.



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## Workshop Details

### Course Content

- Oil and Gas Value Chain
- IT landscape
- Engineering Applications
- Plant Automation System (DCS/SCADA etc)
- Plant Information System / Historian
- Enterprise Asset Management (EAM)
- Laboratory Information Management System (LIMS)
- HSE Applications (Incident Management, Work Permit, Stop Work Authority)
- Planning and Scheduling System
- Project Management System

### Key Takeaways

At the end of the workshop, the participants will be able:

- To get an idea about the business processes in the oil and gas value chain.
- To appreciate the significance of enterprise applications and the dedicated IT solutions.
- To know the IT landscape and how they are interconnected.
- To understand the different layers in the IT landscape.