

MURALI KRISHNA JAKKULA

Area: **Operations Management and Quantitative Techniques (OMQT)**

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Education Qualification: **MBA (IIMV), M.E. (I.E), B. Tech (Mech Engg)**

Overall Experience: **19 Years**

Present Employment: **Hindustan Petroleum Corp. Ltd. (HPCL)**

Current Role: **Chief Manager-MES**



Professional Summary

With over 19 years of experience in the Oil & Gas industry, I have led cross-functional teams in executing critical refinery turnarounds & maintenance, implemented digital initiatives and received corporate recognition including HP ICON and Outstanding Achievement awards. My expertise spans turnaround planning, maintenance management, shutdown planning and execution, inspection, reliability, and digital transformation initiatives —with a strong focus on operational availability, asset integrity, people leadership, and future-ready leadership.

Areas of Expertise

- Turnaround & Shutdown Planning
- Strategic Maintenance & Asset Management
- Digitalization & Operational Excellence
- Strategic Contract and Materials Management
- Inspection and Engineering
- Asset Reliability and Integrity
- Cross-Functional Leadership & Collaboration

Education

- MBA in General Management – Indian Institute of Management, Visakhapatnam
- M.E. in Industrial Engineering – Andhra University
- B. Tech in Mechanical Engineering – K.L. College of Engineering, ANU

Professional Experience

Hindustan Petroleum Corporation Limited (HPCL) – 2006 to Present

- Led major refinery turnarounds at Visakh and Mumbai refineries
- Managed preventive, predictive, and shutdown maintenance
- Planned & Developed Reliability Improvement Programs
- Implemented digital tools such as IIoT diagnostics and 3D scanning
- Handled contract management, procurement specs, and detailed engineering

Awards & Recognitions

- HP ICON 2024 – People Manager (Finalist)
- Digi-Sitaare Award (2023) – for Digital Initiatives - HPCL
- Outstanding Achievement Award – Best of Best Category (2016) - HPCL
- Outstanding Achievement Award – Best Category (2012) - HPCL
- Outstanding Achievement Award – You Have Done Well (2017) - HPCL
- Bring It Beyond Award – Employee Recognition (2017) - HPCL

Research & Interests

- Digital Transformation in Oil & Gas
- Global Energy Strategy and Geopolitics
- Smart Turnaround Management
- AI/ML in Retail Fuels and Consumer Behavior
- Skill Development Models and Human Factors in Industrial Safety