



Neha Singh

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विद्यया विनियोगादिकारः

Summary

Experienced professional with expertise in strategy, capital planning, project execution and stakeholder management. Proven leader skilled in solving complex business challenges, driving process improvement and delivering measurable outcomes.

Professional Experience

Senior Manager, Technical Services | Indian Oil Corporation Limited | Kolkata

April 2025-March 2026

- Spearheaded capital and operational expenditure prudence across the 5,700+ km Pipeline network having 33 operating and 149 unmanned locations.
- Drove 74.8% YoY capex approval and a 20% Opex reduction without compromising network safety under the corporation's strategic framework.
- Reviewed 70 capex proposals, ₹64.13 crore, and secured approvals for 41 high-priority schemes worth ₹17.03 crore.
- Directed progress tracking for 129 approved Capex schemes, including 29 major projects valued at ₹136 crore, collaborating with all stakeholders to resolve operational bottlenecks and accelerate execution.
- Anchored the tracking of 66 strategic MoU targets across 30 stakeholders, automating real-time portal updates to slash manual follow-up cycles by 70%.
- Synthesized monthly Performance Management Committee report by streamlining regional input collection to deliver data-driven business reviews for executive leadership.

Project Manager | Indian Oil Corporation Limited | Noida

April 2021-April 2025

- Led bid preparation for ~ 1,500 km of Natural Gas Pipeline (NGPL) worth ₹9,200 crore published by PNGRB.
- Designed and executed the comprehensive technical and commercial bid for the 65 km Hazaribagh-Ranchi NGPL project, successfully securing the ₹202 crore contract from PNGRB and investment approval from the Chairman.
- Carried out feasibility study for ~300 Km of spur lines from existing NGPL and 700 Km of prospective NGPL for correspondence with MoP&NG and PNGRB for nomination-based authorizations.
- Formulated and finalized the terms of agreement and operational groundwork for interconnectivity agreement between GAIL's and IOCL's pipeline networks, leading to a successful contract execution in December 2024.
- Authored the techno-commercial feasibility framework and processed a ₹771 Crore Capex proposal to develop compression facilities at Ramnad and Nagapattinam, unlocking 1.8 MMSCMD of isolated Cauvery Basin gas fields.
- Finalized 21 CGD interconnectivity agreements along Ennore-Tuticorin-Bengaluru NGPL, improving utilization by 10%.
- Reduced commissioning time of CGD connectivity by 50% by introducing a new agreement model and pre-procuring spare skids.
- Carried out standardization of SCADA architecture for connectivity between CGD and IOCL's NGPL which brought uniformity across all locations.
- Computed and submitted the Dadri-Panipat Natural Gas Pipeline tariff to PNGRB, securing a 28% tariff increase in absolute compliance with the latest PNGRB regulatory frameworks.

Assistant Manager (Projects) | Indian Oil Corporation Limited | Noida

May 2027-April 2021

- Designed SCADA & control systems, Leak Detection system and Fire & Gas detection system for pipeline projects worth ₹13,000 crore, covering over 5,000 km.
- Directed end-to-end procurement of instruments and materials for projects and service contract line-ups valued ~ ₹ 100 crores.
- Delivered Final Engineering Packages for 6 projects and conducted 50+ FATs for SCADA systems and metering skids.
- Prepared Detailed feasibility report for pipelines project worth ~₹ 7000 crore.
- Part of design and commissioning team for India's first transnational pipeline, 69 km, ₹324 crore Motihari-Amlekhgunj.
- Introduced APN-based SCADA communication for pipelines projects, saving commissioning time by 10 months.
- Achieved 45% cost savings by eliminating vendor lock-in through reverse auction and specification changes.
- Streamlined commissioning activities by providing real-time engineering support and troubleshooting assistance to active construction sites.

Telecommunication & Instrumentation Engineer | Indian Oil Corporation Limited | Panipat

July 2013-April 2017

- Maintained 98% uptime across a 2,900 km pipeline network spanning 15 operational stations and 70+ unmanned locations by supervising SCADA, RTU, leak detection and control systems.
- Decreased Mean Time to Repair by 80% through the introduction and execution of Total Productive Maintenance methodologies to streamline workflows.
- Automated 50+ flow & pressure control valves, leading to significant increase in operational efficiency in pumping and delivery.

- Eliminated operational accidents by establishing inter-divisional exchange of Emergency Shut Down and Remote Shut Off Valve signals along with implementation of shutdown sequence in coordination with Marketing division.
- Implemented inter-division custody transfer using 42 Mass Flow Meters across 15 locations.
- Managed a ₹12 crore annual revenue expenditure budget, ensuring meticulous financial tracking and 100% review of technical and revenue proposals across all 15 stations.
- Directed end-to-end procurement and service contract line-ups valued at ~₹10 crore while securing 100% availability of critical instrument spares.
- Drove timely renewal of wireless licenses and annual maintenance contracts.
- Ensured 100% compliance with IMS manual and audit recommendations
- Provided training to 100+ officers and technical staff on SIL3 rated Safety Programmable Logic Controller.

Accomplishments

- Promoted for Excellent Performance
Earned three fast-track promotions (Officer to Senior Manager) each within four years -the minimum at IOCL for outstanding results and leadership.
- Corporate Recognition & Subject Matter Expertise
Online learning module “Tariff Role in PNGRB Bidding Process and its determination procedure” was developed and published on IOCL’s Swadhyaya platform.
- Academic accomplishments
Awarded CBSE Certificate of Merit (top 0.1% in Mathematics), Kalpana Chawla Award for Science and Certificate of Excellence by Department of Science & Technology, UP in 2006.

Education

B. Tech (Electronics and Communication Engineering) –National Institute of Technology | Durgapur (July 2009– May 2013)

Certifications

- Harvard Manage Mentor Course, Harvard Business Publishing
- Lean Six Sigma Green Belt – KPMG

Extra-Curriculars

- Member of IIM Ahmedabad Profile committee for PGPM 2026-27.
- Participated in various Table tennis tournaments at IOCL with multiple podium finishes.
- Participated in various 5 Km, 10 Km and half marathons organized by Airtel Delhi Half Marathon, Pink Marathon and PCRA.
- Successfully completed Nag Tibba Trek (Max Altitude 9,915 ft) organized by IndiaHikes.
- Represented NIT Durgapur in All India Inter-NIT Sports Tournament 2009, Basketball organized by SVNIT, Surat.
- Recited self-composed Hindi poem during Hindi Diwas 2009 at NIT Durgapur and secured 3rd position.

Functions List

- Engineering & Maintenance
- Project & program management
- General management

Sectors List

- Energy & Utilities
- Government & PSUs