



Chinmaya Sharma

E-Mail: x26chinmayas@iima.ac.in **Mobile:** +91 9560799052

LinkedIn: <https://www.linkedin.com/in/chinmaya-sharma-8357b6212>

Summary

Operations and project management professional with 5+ years of experience leading process improvements, in-house initiatives, and cross-functional projects. Skilled in digital transformation, problem solving, stakeholder management, and operational excellence, with a consistent record of delivering measurable business impact through cost optimization and execution excellence.

Professional Experience

Manager/Senior Engineer, Operations & Maintenance | GAIL (India) Ltd. | Vijaipur

- Improved operational excellence by leading 4 zero-cost initiatives, automating 2 daily reports for 15 stakeholders, saving 100+ man hours/month, increasing energy accounting reliability by over 20%, and avoiding ~₹15 lakh in costs.
- Conceptualised data architecture for GAIL's ₹30 crore Central Historian and Enterprise Operations Dashboard across 8 compressor stations and ~55,000 process tags, enabling data integration and operational intelligence as part of digitalisation team.
- Executed implementation of ₹50+ crore control system upgrades across compressor infrastructure, modernizing 14 PLCs impacting 12 gas turbines to improve reliability and system availability.
- Improved project execution by designing the control strategy for a ₹20 crore electrification project, achieving first-attempt startup and avoiding downtime losses exceeding ₹1 crore.
- Managed deployment of an OT cybersecurity solution across 4 plants, 3 domains, 20 PLCs, and 47 endpoints, enhancing network visibility and threat monitoring.
- Executed end-to-end delivery of 7 metering skids across 6 flow streams, ensuring zero-compromise safety and avoiding downtime losses exceeding ₹5 crore.
- Resolved 10-15 operational incidents annually by conducting root cause analysis, restoring system reliability and preventing shutdown-related losses exceeding ₹3 crore per year.
- Improved asset reliability by managing 11 third-party service contracts and executing 900+ preventive and corrective maintenance work orders annually, generating savings exceeding ₹10 crore per year.
- Managed procurement and execution of ₹2.1 crore in material and service contracts, ensuring operational continuity and financial compliance.
- Advanced sustainability by designing integration of a hydrogen blending system at a 2.5% blending rate, enabling annual natural gas savings of approximately ₹85 lakh.
- Ensured metering accuracy by developing calibration programs for 28 flow meters, coordinating cross-functional teams and achieving zero deviations across 10+ audits over a 5-year cycle.
- Strengthened organizational capability by training 4 executive trainees across 21 critical systems, generating savings exceeding ₹30 lakh.

Executive Trainee, Operations & Maintenance | GAIL (India) Ltd. | Vijaipur

- Executed commissioning of a lean amine feed pump in a live operating environment with zero downtime by coordinating 30+ contract personnel and cross-functional teams.
- Improved process accountability by designing a gas flow reconciliation framework for a GPU plant processing approximately 21 MMSCMD (~₹2 Cr/day), enhancing loss identification.
- Coordinated cross-functional teams to execute critical maintenance activities during planned shutdowns, ensuring completion within the stipulated one-month shutdown window.
- Improved operational reliability by conducting root cause analyses on critical process equipment, supporting high equipment availability.
- Strengthened knowledge sharing by publishing a monthly plant-wide magazine reaching 45 departmental employees improving organization-wide communication.

Graduate Engineering Trainee, Control Systems | Bechtel (India) Pvt. Ltd | Gurugram

- Improved design quality by reviewing 250+ engineering drawings across multiple projects, supporting HAZOP/LOPA studies and critical design documentation.
- Supported delivery of ₹100+ crore projects by coordinating cross-functional teams, ensuring timely completion of engineering documentation and system designs.
- Improved documentation efficiency by 20% through automation of instrument index workflows using Excel-based tools.
- Optimized design quality by improving layout accuracy and reducing rework risk by 15% through optical fibre routing and cable estimation.

Education

Bachelor of Engineering (Instrumentation & Control) – *Netaji Subhas Institute of Technology, Delhi* | India

Accomplishments and Awards

- Received Letter of Appreciation from Director (Finance) for field level contribution to SAP-HANA implementation.
- Received Letter of Appreciation from ED (O&M) for leading control system development and successful commissioning support for a ₹20 crore gas turbine electrification project and successful startup at first attempt.
- Received Appreciation from CGM (O&M) for conceptualizing and delivering in-house digital transformation initiatives relating to Utility Dashboards that enhanced operational transparency, data integrity and decision making.

License & Certifications

OT Cybersecurity, NFSU

Co/Extra-curricular

- Social Cell Head - Media & Marketing Team at IIM Ahmedabad
- Editor in Chief – Internal Departmental Magazine – Presented to Director (Projects)
- YouTube Channel Manager – 700K+ views & 130K+ watch hours – 33%+ average viewer retention on long-form content.