



Ritam Bhattacharjee

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Summary

Transformation-focused leader with 5.5 years of experience at a Fortune Global 500 company, running 24/7 high-volume operations. Skilled at leading cross-functional teams, managing senior stakeholders and delivering under high-pressure situations. Drives measurable impact by isolating root causes, building business cases, and securing buy-in applied across cost optimization, sustainability projects, asset integrity and maintenance, HSE and statutory compliance, and digitization.

Professional Experience

Senior Officer – Operations & Pipeline Integrity| Hindustan Petroleum Corporation Limited| Vadodara Pipeline Receiving Station, Vadodara, Gujarat Apr 25-Mar 26

- Directed end-to-end operations of network's largest receiving station (20% of network volume, ₹6,680 Cr throughput), surpassing all targets with NIL delays in product receipt and booking in SAP, earning an 'Exceptional' rating
- Protected ₹502 Cr of off-spec product (55,000+ KL) with zero loss by negotiating a QC-approved blending protocol to restore it to saleable specifications and codified the method into a location wide best-practices note issued to all shift teams
- Led a 55+ member contract workforce across 5 sites, owning work allocation, plant logistics, and payroll; cut per-trip vehicle costs by 25% and manpower costs by 4% at contract renewal (eliminated 2 redundant positions)
- Cleared the regulatory path for a 1.2 MW captive solar plant via PESO pre-approval and licence-layout amendment, and drove the SAP, accounting and operating-protocol rewrite for the station's E20 petrol transition
- Safeguarded 235 km of pipeline right-of-way assets by completing mandated 5-year asset integrity surveys, mitigating all defects
- Digitized station operations: unified MFM, TAS and manual-gauging data into one product-accounting check sheet for transparent, accurate and audit-ready bookings; embedded daily power data into head-office reports for SEC tracking

Senior Officer – HSE & Telecom Maintenance| Hindustan Petroleum Corporation Limited| Vadodara Pipeline Receiving Station, Vadodara, Gujarat Apr 23-Mar 25

- Unlocked 73% more receipt capacity: root-caused a throughput ceiling the site had priced as fixed to filtration, resolving it lifted flow from 550 KL/hr to 950 KL/hr, setting an all-time single-day record of 21,164 KL (worth 200 Cr)
- Delivered ₹1+ Cr in savings and asset recovery: slashed electricity costs by ₹69 lakh by lowering station backpressure requirements; restored the failed telecom network in 1 month within ₹1 lakh vs ₹20 lakh budgeted (95% under)
- Standardised procurement beyond the station: prepared tender of ₹1.94 Cr for common safety and security items and of ₹1.57 Cr for emission-retrofit device for reducing DG set emissions for all HPCL Gujarat pipeline SBU locations
- Delivered 435 hours of internal safety training and anchored VRS's contribution to MDPL's 100% online SAP work order system, confirming 1,729 of 2,402 orders (72%), work recognised in ED-Pipelines' commendation to Team MDPL

Operations Officer – Electrical Maintenance and Net-Zero Projects| Hindustan Petroleum Corporation Limited| Mundra Pipeline Despatch & Pumping Station, Mundra, Gujarat Sep 20-Mar 23

- Steered control-room operations of a high-throughput despatch station, enabling MDPL's highest-ever single-day pumping of 28,880 KL (worth 270 Cr) at 1,204 KL/hr flow rate while sustaining zero breakdown-led throughput loss during the year
- Cut ₹41 lakh (4.33%) from a ₹9.47 Cr annual power bill by stacking five levers (flow optimization, night and EHV rebates, power factor and solar) and capped demand at 2,800 kVA via a PLC guardrail worth ₹1.5 lakh/month
- Built the business case for a 1 MW hybrid wind-solar PPA under Gujarat's 2018 hybrid renewable policy, running the pre-feasibility in-house (₹2.7 lakh saved), modelling ₹26–50 lakh/yr in savings and carrying it to GM (Renewables)
- Won ₹2.75 Cr of capital approval across seven proposals by building and defending the case at each gate, and recovered ₹15.3 lakh of receivables stuck with the state utility for eight years, plus ₹1.18 lakh of disputed tax credit
- Built the station's decision layer via modelling of every pumping operation configuration in pipeline studio software, automated daily reporting and consolidated 15–20 physical reading books into one daily-updated online energy sheet
- Commissioned a 130-kW captive solar plant end-to-end on a ₹65.87 lakh budget, adding ₹11.86 lakh/yr in generation. Further diagnosed the reason for its 85–90% efficiency ceiling and lifted its yields 16% via an engineered cleaning-water line

Education

B. Tech (Electrical Engineering) – National Institute of Technology, Silchar, Assam

Accomplishments and Awards

- Two Case Competition Wins - Genesis 2026, the national case competition hosted by The Case Collective & Intaglio at IIM Calcutta, and the IIMA PGPX 2026-27 batch induction case competition
- Secured NSCI 'Sarva Shrestha Suraksha Puraskar' Golden Trophy (2023), British Safety Council International Safety Award (2023,2024 and 2025) award and CII GreenCo Gold certification as part of MDPL's safety officer team

- Authored '*Renewable PPAs in Cross-Country Pipeline Pumping Stations*', selected for the MoPNG-supported India Pipeline Meet 2026, and a second abstract on tariff-based pumping optimization, reserved for Indian Energy Week 2026
- Earned promotion a full cycle early from E02 to E03 grade in 43 months and a reviewing-officer commendation for "grit and commitment during difficult times" for single-handedly running control-room duty through the 72-hour Vadodara flood (2024)
- Shortlisted (1 of 17) across all IIMA programmes for the pitching round of IIMA Ventures' IIMAvricks Challenge 2026 with Urja ID, a four-member venture building an intelligence layer over India energy stack

License & Certifications

- Lean Six Sigma Green Belt, KPMG India Services LLP (32 learning hours, DMAIC)
- AI in Business: Fundamentals to Applications (with Distinction), Indian School of Business (5 months)
- Authorized Electrical & Designated Safety Officer, HPCL; NSC-HPCL Safety Aptitude Test qualified
- Integrated Management & Energy Management System Auditor (ISO 9001/14001/45001/50001), BSCIC & Bureau Veritas
- Technical Certifications - PLC/Automation, Solar PPA & Grey Wolf Optimization, Udemy, Telecom systems, SQL, C, C++, Java, Cathodic Protection & AC/DC Interference Mitigation (AMPP)

Co/Extra-curricular

- Drove HPCL CSR along the pipeline corridor, Swachh Bharat drives at multiple schools and health centers
- Represented at State Level in U-17 Chess after securing 4th rank in district championships
- Completed the 21-km Vadodara half-marathon (2026) and a 10-km run (2024)
- Acted as Technical Member of NIT Silchar's Electrical Engineering Society
- Secured 20+ certificates across robotics, ethical hacking, art, communication and sports contests during school and college years
- Ranked among top performers nationally across 21 academic olympiads i.e. NSO, IMO, NCO/UCO and Edu Heal