



Kuldeep Katiyar

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Summary

Seasoned technocrat with 10+ years of diverse experience in defence manufacturing and mineral exploration. Expertise in planning, execution, operations & maintenance (O&M), project & contract management, stakeholder management, Labour & Union relations and process digitisation.

NIT Trichy graduate & UPSC AIR 1 (CGSE) with 6 years of work experience in Geological Survey of India (Geo-Scientist), and 4 years in Explosive Manufacturing (Indian Ordnance Factories). Spearheaded high-stakes hazardous operations, procurement, multi-agency stakeholder management and policy execution.

Professional Experience

Assistant Chemist, Gazetted Officer | Geological Survey of India, Ministry of Mines | Kolkata Sep 2019 – Present

- Coordinated mineral exploration projects across 4 geologically diverse states (Bihar, Jharkhand, Odisha, and West Bengal), managing project execution, field deployment, Geo-chemical analysis, asset allocation and operational timelines.
- Managed the end-to-end lifecycle procurement, budget alignment, calibration frameworks, renewal and disposal for high-value chemical and geological instrumentation, maximizing laboratory uptime and data generation efficiency.
- Optimized team manpower utilization by 20% through restructuring the geological database system; independently conceptualized and executed this workflow migration to eliminate tedious tasks and balance workloads.
- Co-authored 10+ national mineral project reports and resource asset evaluations (mineral blocks), synthesizing complex analytical data into strategic insights for the Ministry of Mines to guide sovereign resource bidding, auctioning and allocation.
- Negotiated and secured critical statutory, environmental, and security clearances from district administrations, state forest departments, and local law enforcement authorities to facilitate unhindered field survey operations.

Chargeman – Technical (Chemical) | Indian Ordnance Factories, Ministry of Defence | OOTY Nov 2015 – Aug 2019

- Managed rota shift manufacturing operations for military-grade explosives and propellants, ensuring strict adherence to safety, quality and national defence supply timelines.
- Commanded a cross-functional shop-floor workforce of 60+ industrial personnel, including technicians, operators and safety staff, fostering a high-performance operational culture.
- Maintained 100% operational continuity by successfully negotiating and resolving complex union labor disputes regarding overtime wages and workplace grievances, effectively eliminating industrial friction.
- Monitored strict safety protocols mandated by the Center for Fire, Explosive and Environment Safety (CFEES) and the Storage and Transportation of Explosives Committee (STEC).
- Spearheaded process trouble-shooting and bottleneck removal exercises in the chemical processing lines, significantly reducing material wastage and maximising machinery utilisation.

Education

B.Tech (Chemical Engineering) | National Institute of Technology Tiruchirappalli | Tamil Nadu 2010 - 2014

Accomplishments and Awards

- Awarded Entry Scholarship for PGPX 2026-27 at IIM Ahmedabad, selected among 160 admitted candidates.
- Consecutively Awarded “Outstanding Performance” in Annual Appraisal for last 3 years at Geological Survey of India.
- Secured All India Rank 1 in Combined Geo-Scientist Examination (UPSC) 2018.

License & Certifications

- Associateship (AIC) | Institution of Chemists (India) 2021
- Excel Skills for Business | Advanced course from Macquarie University, Sydney Australia | Coursera 2026

Co/Extra-curricular

- Worked on deputation to Election Commission of India (ECI) as Electoral Roll Micro Observer in a geopolitically sensitive India-Bangladesh border district in West Bengal, independently adjudicated high-stakes voter eligibility and registration disputes under intense public scrutiny.
- During my work at GSI, I was appointed Liaison Officer (Rajabhasha) as an additional charge. I introduced training sessions, honorariums, trilingual SoPs and bilingual Official Website, achieving 82% compliance to Official Language Act. It was a change management exercise requiring persuasion and collaboration.