



Kuldeep Katiyar

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Summary

UPSC CGSE AIR 1, Gazetted Officer & Seasoned technocrat with 10+ years of executive leadership across India's Ministries of Defence and Mines. Expert in enterprise risk governance, industrial relations, multi-state project execution, and process digitization. Proven track record of aligning complex stakeholder ecosystems to drive operational and strategic outcomes.

Professional Experience

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

- Co-authored 10+ national mineral project reports and resource evaluations (mineral blocks), synthesizing complex analytical data into strategic insights for the Ministry of Mines to guide sovereign resource bidding, auctioning and allocation.
- Spearheaded cross-functional mineral exploration projects across 4 states, directing multi-disciplinary teams and asset allocation to deliver 100% on-time project execution under challenging field conditions.
- Optimized team manpower utilization by 20% through restructuring the geological database system; independently conceptualized and executed this workflow migration to eliminate operational redundancies and re-balance workloads.
- Directed end-to-end procurement and asset lifecycle management for high-value strategic analytical infrastructure, optimizing budget alignment and maximising operational uptime.
- 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 daily high-hazard manufacturing operations for military-grade explosives, maintaining continuous supply schedules while adhering to strict defence quality mandates.
- Lead 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.
- Institutionalized statutory safety frameworks mandated by defence committees (CFEES/STEC), sustaining an unblemished zero-incident record across a high-hazard manufacturing environment.
- Spearheaded process trouble-shooting and bottleneck removal exercises in the chemical processing lines, leading to 8% increase in daily plant throughput and minimizing chemical process variance.

Education

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

Accomplishments and Awards

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

License & Certifications

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| • Associateship (AIC) Institution of Chemists (India) | 2021 |
| • Lean Six Sigma Green Belt KPMG (Global) | 2026 |
| • 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.
- Appointed Liaison Officer (Rajabhasha) as an additional charge at Geological Survey of India. 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.