

Pratap Chandra Mishra, CEng IE India

Chartered Engineer | Infrastructure & Industrial Projects Expert | Business Strategist

Profile Summary

With over 32 years of experience in Industrial, Civil, and Structural Engineering, I have successfully led and executed large-scale infrastructure and industrial projects across Metro Rail, Airports, Thermal Power Plants, Steel Plants, High-Rise Buildings, Hospitals, and Mining. I bring a strategic blend of technical expertise, operational leadership, and project execution excellence.

My career has spanned critical roles in top-tier companies, where I have delivered complex projects, optimized resources, and ensured cost-efficient and high-quality execution. As a Chartered Engineer and an accomplished leader, I am now driving **Qontrack.org**—a business platform focused on **Quantification, Detailing, Costing, Planning & Scheduling, Claim Management, and Staffing Solutions for Civil, Structural, Mechanical, Equipment, and Electrical Projects**.

Business & Service Objectives (Qontrack.org)

At **Qontrack.org**, our mission is to bridge industry gaps and provide structured solutions in **construction, industrial, and infrastructure projects** through a **technology-driven and expertise-based approach**. We aim to deliver:

- **Engineering Quantification & Detailing:** Accurate quantification of materials and structures, ensuring efficiency in procurement and execution.
- **Costing & Financial Planning:** Detailed financial estimation and cost optimization strategies tailored for complex industrial projects.
- **Project Planning & Scheduling:** Advanced scheduling techniques using modern project management tools to ensure timely delivery.
- **Claim Management & Dispute Resolution:** Expertise in contractual claims, dispute resolution, and strategic contract management to mitigate financial risks.
- **Staffing & Resource Allocation:** Providing skilled professionals for critical engineering, structural, and construction roles, optimizing manpower utilization.

Professional Expertise & Key Strengths

- **Project Execution & Management:** Led multi-billion-dollar infrastructure projects, ensuring efficiency, compliance, and adherence to safety standards.
- **Structural Engineering & Industrial Projects:** Deep expertise in steel plants, metro rail, high-rise structures, hospitals, and mining infrastructure.
- **Contract & Claim Management:** Extensive experience in resolving high-stake contractual disputes, vendor negotiations, and arbitration.
- **Operational & Business Strategy:** Implemented cost-saving measures and productivity enhancement strategies, driving profitability and sustainability.
- **Technology Integration in Construction:** Experienced in leveraging automation, data analytics, and project management software (Primavera, AutoCAD, MS Project).

Major Career Milestones

- **Led structural execution for JSPL, Tata Steel, NTPC, L&T, and Simplex Infra, delivering high-impact projects across India.**
- **Directed large-scale metro rail, power plant, and airport projects, ensuring technical and financial efficiency.**
- **Successfully defended and optimized contract claims worth multi-crore INR, safeguarding project budgets.**

- **Implemented best practices in procurement, supply chain, and financial structuring, resulting in substantial cost savings.**

Vision & Future Goals

As the driving force behind **Qontrack.org**, my focus is on **expanding the platform into a one-stop solution for engineering, costing, planning, and staffing needs** across major industrial and infrastructure sectors. By leveraging technology and industry expertise, we aim to redefine construction project management, making it more **efficient, profitable, and future-ready**.