

Pranjul Saxena

Email- pranjulsaxena@gmail.com

Contact No: +91-8882060792

LinkedIn: [Pranjul Saxena](#) | [LinkedIn](#)

Profile Summary

Power & Utilities domain expert and management consultant with **8 years of experience** spanning thermal power plant operations, digital transformation, analytics, and business consulting. Currently working with Ernst & Young (EY), supporting large-scale **digital transformation programs for power generation utilities**. Strong understanding of thermal power plant operations, digital transformation, analytics-driven performance management, AI/ML-enabled optimization, asset performance monitoring, and **enterprise-wide operational excellence programs**.

Professional Experience

Total: 7 years 11 months

Organization: Ernst and Young- Consultant

(05/2024- Present)

Role: Power Generation Expert (Client Facing Engagement)

Client: Maharashtra State Power Generation Co. Ltd. (MAHAGENCO)

Project: Central Monitoring System (CMS)- A Digitalization Initiative of MAHAGENCO

Objective: Enable centralized, real-time monitoring of thermal power generation performance and improve decision-making at corporate level.

Roles and Responsibilities:

- Led and supported **digital transformation initiatives for eight (8) thermal power generation stations** of MAHAGENCO, focusing on operational visibility, efficiency, and data-driven decision-making.
- Supported implementation of **digital solution** for power plant operation, including **real-time monitoring, performance analysis** and **AI/ML driven performance optimization** for key plant KPIs.
- Enabled **analytical driven insights and dashboards** to identify under-performing units, operational inefficiencies KPIs and recurring bottlenecks, supporting proactive management interventions.
- Worked on **automation of manual reporting processes**, reducing turnaround time for management reports and improving data accuracy in near real time.
- Assisted in defining **future-ready digital architecture** for generation utilities, focusing scalability, reliability and operational efficiency.

Business Impact:

- Improved **operational visibility across generating units** and identification of underperforming assets and operation inefficiencies.
- Improved monitoring effectiveness **through centralized visualization and KPI tracking**
- Supported **automation of manual reporting processes**, reducing reporting cycle time and improving data accuracy.
- Contributed to **operational performance** improvement like **Gross Heat Rate by 1.5%**, and enhanced **return on investment** through data-driven interventions by **approx. 2 Cr annually**.

Role: EY Internal Consulting and Business Development

- Supported **proposal development, program structuring and governance documentation** for public-sector and enterprise programs.
- Support in pre-sales activities including **bid strategy preparation, solution analysis and building value proposition** tailored to client requirements.
- Prepared **management decks, capability presentation and client engagement material** enhancing visibility in client meetings.
- Guided junior team members** on data analysis, documentation standards and client ready deliverables.

Key Achievements:

- Contributed to **winning consulting assignment** of DPR evaluation, rate reasonability assessment and vendor evaluation for Fully Integrated Surveillance and Security System project values at **approx. 15 lakhs**.
- Delivered **executive presentations and digital transformation recommendations** to senior utility leadership.
- Actively engaged with **CMD, Directors, Executive Directors and Chief Engineers** during consulting engagement.

Organization: Jindal Power Limited			(01/2023-07/2023)
Role: Assistant Manager Led and co-ordinated team during root cause analysis and improvement initiatives, formulated SOPs for flexible, safe and reliable operation. Assessed potential problems and diagnosed root cause to prevent production and revenue loss by resolving 20+ critical situations. Mapped energy consumption processes of plant, analysed data and identified potential areas to reduce energy consumption, saving Rs. 4.39 Cr annually. Collaborate with cross-functional teams (C&I and Efficiency team) to collect and evaluate feasibility of implementation of use of bio-mass pallet in coal firing.			
Organization: Jai Prakash Power Ventures Limited			(11/2017-01/2022)
Role: Engineer Conducted market research and competitive analysis to identify emerging trends and opportunities to elevate operational excellence and implemented riser valve by-pass system to save 12. Cr annually. - Contributed to the development of overhauling projects plans and timelines and by effective planning and execution completed the capital over hauling of Unit-2 3 days before proposed timeline. Prepared presentations, reports and training plan for implementation of ISO 9001:2000, ISO 14001: 2004 and OHSAS 18001:2007 to meet business objectives.			
Academic Details			
Qualification	College/University	Percentage/CGPA	Year
PGDBA-Operation (Distance)	SCDL, Pune	71.5%	2021-23
PGDC- BAPM	Sheridan College,	3.74/5	2023-24
PGDC-TPPE	NPTI-Faridabad	74%	2016-17
B. Tech- Mechanical Engineering	RKGIT, Ghaziabad	71%	2012-16
Academic Project Capstone Project			
Completed as a part of the Post Graduate curriculum, this project involved developing sustainable business models and partnership strategies for the client “Food Truck Association of Canada” (FTAC) to enhance financial stability and industry growth. In this project: - Conducted a comprehensive business process and gap analysis of the client’s business, identifying deficiencies in current partnership and revenue models. - Evaluated business models through qualitative and quantitative analysis (SWOT analysis, vendor scorecards and financial assessments) to recommend the most viable option. Proposed 3-tier subscription model with value-based action points to ensure predictable revenue streams, improved member engagement and long-term financial sustainability. Developed an implementation roadmap (short, mid and long term) including pilot launch, vendor feedback integration and scalability plan. - Compiled and presented strategic insights from market research (growth rates, customer trends, engagement metrics) to enable inform BD strategy.			
Certifications			
- Google Data Analytics Professional Certificate, Coursera - Excel Skills for Business Specialization, Coursera - Data Visualization with Tableau, Coursera			

Skills Sets	
• Digitalization in Utilities & Smart Operation	• Stakeholder Management
• Data Integration & Analytics Enablement	• Project Planning & Roadmap Development
• Vendor Evaluation & Score carding	• MIS, Dashboard & Performance Monitoring
• Solution Benchmarking & Business Case Preparation	• Team Collaboration & Leadership

Awards and Recognition	
• Awarded as Collaboration Extraordinaire in the month of February 2025 by Ernst and Young LLP • Awarded as Executive(s) of the Quarter (Jan-Mar 2023) by Jindal Power Limited • Secured 2nd position in Math Olympiad at school level.	
Place	Date