

NPC Consultant Professional Profile

I. Personal Information

Name: Vijay Kumar

Date of Birth: 02-Aug-1984

Current Position& Domain: Director, IE Group

Office Location: HQ, New Delhi

Languages: English (Fluent), Hindi (Fluent)

Contact: Vijay.kumar@npcindia.gov.in, Mob: 9971846036, PH: 011-24607338



II. Professional Summary

A seasoned Industrial Engineering professional with over 15 years of extensive experience in consultancy and productivity enhancement. Proven track record of leading complex organizational studies across diverse sectors, including manufacturing, government, and transportation. Recognized for developing innovative productivity tools, implementing strategic organizational restructuring, and generating significant revenue through high-impact consulting projects.

III. Areas of Expertise

Primary Domains: Industrial Engineering, Organizational Restructuring, Productivity Improvement, Manpower Assessment

Specialized Skills: Work Measurement (Time and Motion Study), Lean Manufacturing Systems, 5S and ISO Implementation, Strategic Organizational Consulting

Industry Focus: Manufacturing, Government Organizations. Transportation, Steel and Cement Industries

IV. Professional Experience

Current Position: Director **Organisation:** National Productivity Council **Duration:** June-2023 to Present

Key Responsibilities:

- Strategic leadership in productivity enhancement consultancy
- Conducting comprehensive organizational studies
- Developing innovative productivity measurement tools
- Leading high-value consultancy projects across multiple sectors

Previous Position:

- Deputy Director (Admin & Finance): June 2020 - April 2021
- Group Head (Administration): May 2021 - May 2022
- Secretary, NPC: June 2021 - May 2022
- Chief Public Information Officer (CPIO): May 2021 - May 2022
- Public Grievance Redressal Officer: June 2021 - May 2022

V. Major Recent Project Experience in NPC

1. Project Title: Organizational Study

Client Name: SAIL's Bokaro Steel Plant

Type:PSU

Sector:Steel

Duration: 2022-23

About Project:

Participated in a comprehensive organizational study conducted by the National Productivity Council for SAIL's Bokaro Steel Plant, one of India's largest integrated steel plants. The study encompassed detailed manpower assessment and optimization across 88 departments, covering over 22,000 employees including executives, non-executives, and contractual workers. Contributed to the analysis of work processes, job responsibilities, and organizational structures, leading to recommendations that achieved 4% reduction in HR costs while maintaining operational efficiency. The study involved extensive data collection, workflow analysis, and development of implementation roadmaps for suggested organizational restructuring, with particular focus on automation potential, multi-skilling opportunities, and operational effectiveness.

2. Project Title: Organizational Study **Client Name:** Delhi Jal Board

Type: Government

Sector: Service

Duration: 2023-24

About Project:

Participated in comprehensive organizational study for Delhi Jal Board (DJB), India's largest water utility serving over 20 million residents, to optimize staffing and operational efficiency. The study encompassed analyzing existing processes across water treatment, sewage management, revenue, and administration functions, developing staffing norms, and recommending process improvements. Key outcomes included proposing rationalized manpower deployment of 13,102 positions across departments, identifying 55 redundant posts, designing new organizational structure with four operational zones, and recommending strategic initiatives like centralized SCADA implementation and enforcement vertical for reducing non-revenue water. The recommendations focused on enhancing operational efficiency while ensuring quality water supply and sewage services for Delhi's growing population.

3. Project Title: Resource Optimization Study

Client Name: CMR Green Technology Pvt. Ltd., Palwal

Type: Private

Sector: Waste Management

Duration: 2023-24

About Project:

Led a comprehensive resource optimization study at CMR Green Technologies Ltd., India's largest producer of aluminum and zinc die-casting alloys, with a 300,000 MT annual capacity. The study encompassed production norm development, manpower optimization, energy efficiency analysis, technological modernization planning, and Material Flow Cost Accounting (MFCA) implementation. Through scientific time-motion studies and MTM analysis, identified opportunities for 55-476% productivity improvement across operations. Developed a strategic modernization roadmap incorporating Industry 4.0 technologies, resulting in potential manpower optimization of 34% while maintaining production capacity. The study also identified energy conservation opportunities with potential annual savings of ₹624.39 lakhs through various interventions including furnace modernization and compressed air system optimization. Recommended implementation strategies for technological upgrades with projected payback periods ranging from immediate to 1.4 years.

VI. Educational Background

Highest Degree:

- Degree: Postgraduate Certificate in Industrial Engineering
- Institution: Ambedkar Institute of Productivity, Chennai
- Type: Full Time
- Year: 2009
- Specialization: Industrial Engineering

Graduation:

- Degree: Bachelor of Technology (B.Tech)
- Institution: Rajendra Agricultural University, Pusa
- Type: Full Time
- Year: 2008
- Specialization: Agricultural Engineering

Additional Professional Qualifications:

- Distinguished Certificate in Project Management from i2P2M
- Proficient in MS Office Suite
- Trained in Lean Manufacturing Systems
- Expertise in EHS and Material Flow Cost Accounting (MFCA)
- Completed course in Multi AI Agent Systems with crewAI
- Extensive working experience with Generative AI Technologies

VII. Others:

Speaking Engagements:

- Conducted training on Six Sigma and HR Skills for Government Organizations
- Conducted training on Lean tools

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that I shall be responsible for any willful misstatement described herein.

Profile Update on 10-Feb-2025