

NPC Consultant Professional Profile

I. Personal Information

Name: B Prabhakar

Date of Birth: 24.08.1972

Current Position& Domain: Dy. Director, Industrial Engineering

Office Location: IE Group, HQ

Languages: Hindi and English

Contact: b.prabhakar@npcindia.gov.in, 011-24607367



II. Professional Summary

With over 20 years of experience in Industrial Engineering, Maintenance Engineering, and Productivity Optimization, I specialize in organizational restructuring, manpower assessment, lean tools, 5S implementation, and operational efficiency. I have consistently delivered strategic solutions that drive measurable improvements in business performance, leading impactful consultancy projects, training programs, and research initiatives. My work has spanned across manufacturing and service sectors, promoting sustainable productivity and growth. I have played a key role in advancing productivity initiatives that enhance organizational effectiveness and foster continuous development.

III. Areas of Expertise

Primary Domains: Industrial Engineering and Maintenance Engineering

Specialized Skills: Organization Restructuring and Manpower Assessment, Production norms, 5S implementation, Evaluation and Monitoring, Lean tools and techniques, and Lean Auditor

Industry Focus: Manufacturing and Service

IV. Professional Experience

Current Position: Dy. Director **Organisation:** National Productivity Council, HQ **Duration:** 2008–till date

Key Responsibilities:

- Consultancy, Training, Productivity promotion and undertaking research in the area of Productivity

Previous Position: Lecturer **Organisation:** Madhav Institute of Technology and Science, Gwalior **Duration:** 2003–2008

Key Responsibilities:

- Taught, conducted practical labs, and guided undergraduate and postgraduate students in the field of Mechanical Engineering.

Previous Position: Mechanical Engineer **Organisation:** Toshiba Plant Kensetsu India Pvt. Ltd. (TPSC India), Shillong **Duration:** 2001 – 2003

Key Responsibilities:

- Renovation & Modernization 4x9 MW vertical Francis Turbine including Erection, Testing, Commissioning and Material Management at Uiam Hydro Electric Project, Shillong, Meghalaya

V. Major Project Experience in NPC [For each significant project, include:]

Project Title:Organisational Study

Client Name: Steel Authority Of India Limited**Type:**PSU/Government**Sector:** Steel Industry

Role:Core Team member

Duration:One year

Problem Definition:To suggest an organisation structure for better effectiveness, assess the optimum manpower, suggest productivity improvement measures and carry out internal benchmarking.

Recommendations Made:For every department, the manpower deployment sheet has been prepared indicating proposed manpower at department/ section level based on present manpower deployment. The scope of re-skilling/ up-gradation of Non-Executives may also be explored in consultation with officials concerned so that the present excess manpower may be utilized effectively. Recruitment/ induction of incumbents at the right time is required so that the incumbent can get enough exposure to handle his/ her duties well otherwise there may be an abrupt vacuum and dearth of trained manpower post-retirement.

Project Title:Human Capital & Productivity Improvement

Client Name: Coromandel International Limited, Vizag Plant**Type:** Pvt. **Sector:** Fertilizer Industry

Role: Team Leader

Duration: One year

Problem Definition to assess the potential for enhancing the Human Capital for present level of operations, Feasibility of automation

Recommendations made:for mechanization/automation, manpower optimization, identification of critical positions, and suggestions for productivity improvements.

Project Title: 5S Implementation

Client Name: Real Ispat & Power Ltd, Raipur, Supported by UNDP-GEF, Ministry of Steels, GoI, **Type:** Pvt

Role: Team Leader

Duration: Six Months

Recommendations Made: Space Generation - 5000 Square Feet, Scrap value of Dead Stock Clearance – Rs 500000, Material Search Time reduced by 4 min., Value of Dead Stock clearance – Rs 150000, Production increase due to smooth material handling & better inventory management by 5 %

VI. Educational Background

Highest Degree:

- **Degree:**Master of Technology
- **Institution:**MANIT, Bhopal **Type:** Full Time
- **Year:**2001
- **Specialization:** Maintenance Engineering

VII. Speaking Engagements:

- LeanMaintenance
- 5S
- Production Planning and Control
- Effective spare parts management
- Total Productive Maintenance

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.

Date: 10.02.2025

Place: New Delhi

B. Prabhakar
