

## **NPC Consultant Professional Profile**

### **I. Personal Information**

**Name:** K.VIJAYARAJU

**Date of Birth:** 19.09.1984

**Current Position& Domain:**Deputy Director

**Office Location:**Ambedkar Institute of Productivity, Chennai

**Languages:**Tamil, English, Hindi (Read, write, speak); Telugu (Speak)

**Contact:**[vijayaraju@npcindia.gov.in](mailto:vijayaraju@npcindia.gov.in) Mobile : +91-9894589011



### **II. Professional Summary**

- Professional Consultant and Trainer with over 15 years of experience, specializing in Industrial Engineering, Lean Management, Energy Management, Renewable Energy and HRM. Specialist in implementing productivity improvement projects in Industrial Engineering and Energy, ISO management systems, CMVP studies, Lean tools, Renewable Energy and more.

### **III. Areas of Expertise**

**Primary Domains:**Industrial Engineering, Lean Management, Energy Management, and HRM

**Specialized Skills:**Lean Management, Energy Audit, soft skills training, and Renewable Energy

**Industry Focus:**Manufacturing (all segments) and Service (health, airport, ports & Government Offices)

### **IV. Professional Experience**

**Current Position:**Deputy Director

**Organisation:**National Productivity Council**Duration:**Aug 2009 to till date

**Key Responsibilities:**

- Strategic role in productivity enhancement
- Execution and Coordination of consultancy projects to drive business growth of clients
- Design, Development and delivery of results-oriented training Programme

**Previous Position:**Deputy General Manager (Admin/ Technical & Public Relations)

**Organisation:** TEDA, Government of Tamil Nadu**Duration:**Jan2018 -Jan2022 (on deputation from NPC)

**Key Responsibilities:**

- Performed a crucial role in overseeing and coordinating various aspects of administration, technical operations, and public relations within TEDA to ensure the smooth running of the organization's core functions.
- Development and execution of various schemes, projects and policies in Renewable Energy

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

**Project Title:**Manpower Assessment and Resource optimisation

**Client Name:** M/s. JSW Steels, Salem **Type:**Pvt **Sector:**Steel

**Role:** Team Leader & Member

**Duration:**2023-24

**Problem Definition:**Assessing optimum manpower requirement and designing organisation structure for Apolla Main hospital Chennai

**Recommendations Made:**Optimum manpower arrived and arrived productivity improvement

**Impact Created:**

Productivity improved by 10%

**Project Title:**Production norms study and Incentive scheme review

**Client Name:** Wheels India Ltd **Type:**Pvt **Sector:**Automotive

**Role:**Team Leader & Member

**Duration:**2022-23

**Problem Definition:** Carrying out work study to arrive production norms for a unit with multiple variant

**Recommendations Made:**Work norms arrived and revised incentive scheme

**Impact Created:**

Productivity improved by 20%

**Project Title:**Manpower Assessment and Organisation Re-structuring

**Client Name:** NCTPS-II -TANGEDCO **Type:**Govt **Sector:**Powerplant

**Role:**Team Leader & Member

**Duration:**2022-23

**Problem Definition:** Optimum manpower arrived, and organisation structure designed in such a way to improve productivity

**Recommendations Made:**Manpower norms arrived

**Impact Created:**

Productivity improved by 10%

**Project Title:**Manpower Planning and Organisation Restructuring

**Client Name:** M/s. Apolla Hospitals **Type:**Pvt **Sector:**Health

**Role:**Team member

**Duration:**2012-13

**Problem Definition:** Assessing optimum manpower requirement and designing organisation structure for Apolla Main hospital Chennai

**Recommendations Made:**Optimum manpower arrived, and organisation structure designed in such a way to improve productivity

**Impact Created:**

Productivity improved by 10-15%

**Project Title:**PAT related Mandate Energy audit, Baseline audit and general Energy audits

**Client Name:** Cement Plants, Coal & Gas Powerplants, Fertiliser **Type:**Pvt **Sector:**Industry

**Role:**Team coordinator & member

**Duration:**2010-2014

**Problem Definition:** Improving specific energy consumption / baseline energy

**Recommendations Made:**Energy saving measures

**Impact Created:**

Energy saving potential arrived for about 10-15% of overall energy consumption

**Project Title:**Implementation of Energy Management System, 5S certification

**Client Name:** HAPP, Airport, Food **Type:**mixed **Sector:**heterogenous

**Role:**Team member

**Duration:**2016-2018

**Problem Definition:** Implementation of Management system

**Recommendations Made:**Documents, Manuals prepared, and handholding carried out for effective implementation of management systems

**Impact Created:**

Implementation of MS resulting in certification, with streamlined / standardised systems & procedures

## **VI. Educational Background**

**Highest Degree:**

- **Degree:**M.E - Master's in engineering
- **Institution:**CEG, Anna University **Type:** Full Time
- **Year:**2008
- **Specialization:**Energy Engineering
  
- **Degree:**PG certificate programme
- **Institution:**Dr Ambedkar Institute of Productivity **Type:** Full Time
- **Year:**2009
- **Specialization:**Industrial Engineering
  
- **Degree:**MBA – Master of Business Administration
- **Institution:**IGNOU **Type:**distance
- **Year:**2015
- **Specialization:**Human Resource Management HRM
  
- **Degree:**B.E
- **Institution:**DR. MGREC, Anna University **Type:** Full Time
- **Year:**2006
- **Specialization:**Mechanical

**Additional Professional Qualifications:**

- List relevant certifications: - Certified Energy Auditor- CEA, Certified M & V Professional-CMVP, PMVA
- Specialized training:APO's Productivity & Quality Practitioner, ISO 50001 Lead auditor,USGBC LEED, Strategic Environment Assessment etc

**VII. Research and Publications****Recent Publications:**

- Published an article on solar thermal energy in the IOP series in 2021.

**Speaking Engagements:**

- Delivered multiple talks and participated as a panellist in conferences held in Chennai, organized by EQ – Suryacon 25, IEI, IIPE, and Govt departments etc.,

**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:Chennai



[Signature of Employee]

[K.Vijayaraju]

**Profile Update History**

Last Updated: [Date]

Next Review Due: [Date]

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