

NPC Consultant Professional Profile

I. Personal Information

Name: LALIT S. KAMDE

Date of Birth: 22/12/1985

Current Position & Domain: Deputy Director, Environment & Sustainability

Office Location: Head Office, New Delhi

Languages: English (C2), Hindi (C2), Marathi (C2)

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II. Professional Summary

Results-driven Deputy Director at the National Productivity Council with 15+ years of experience in Environmental Management, Net Zero strategies, and Sustainability Reporting. Skilled in Project Management, Life Cycle Assessment, Extended Producer Responsibility, and energy efficiency, with a focus on Central Public Sector Enterprises, private organizations, and government ministries. Delivers impactful, service-centric solutions.

III. Areas of Expertise

Core Expertise:

- Environmental Management
- Sustainability Reporting
- Project Management
- Monitoring & Evaluation
- Industrial Engineering
- Energy Efficiency

Specialized Skills:

- Sustainability Reporting
- Net Zero Strategies
- Life Cycle Assessment (LCA)
- Extended Producer Responsibility (EPR)
- APO Resource Person

Industry Focus:

- SEBI-Listed CPSEs (Central Public Sector Enterprises)
- SEBI-Listed Private Organizations
- Ministry Departments and Government Agencies

IV. Professional Experience

1. Current Position: Deputy Director

Organisation: National Productivity Council, New Delhi

Duration: October 2015 - Present

Key Responsibilities:

- Drive productivity enhancement by integrating sustainability practices into industrial operations.
- Provide expert consultation in areas such as industrial pollution prevention and control, sustainability reporting, net-zero strategies, GHG inventory development, and Extended Producer Responsibility.
- Lead and manage teams, overseeing project execution and ensuring successful delivery of assignments.
- Act as a team lead, guiding and mentoring team members while maintaining accountability for project outcomes.
- Key projects and initiatives led:
 - Preparation of Business Responsibility and Sustainability report (BRSR) and Sustainability Report for Hindustan Copper Limited (HCL), Team Leader, 2022-23, 2023-24
 - Comprehensive gate-to-gate Life Cycle Assessment (LCA) studies for two products of NALCO, Team Leader, 2022-23
 - A detailed and implementable Net Zero Action Plan for Hindustan Copper Limited to achieve net zero emissions by 2047, Team Leader, 2023-24
 - WIPO GREEN Acceleration Project for the carbon neutral food production in India, Team Leader, 2024-25
 - Engagement of consultant for Study, Drafting of Policies and Action Plan related to Social and Governance Aspects of ESG for Oil India Limited (OIL)., Team Leader, 2024-25

2. Previous Position: Zone Manager

Organization: Orange City Water Pvt Ltd, Nagpur

Duration: June 2014 - September 2015

Key Responsibilities:

- Managed Operation and Maintenance of India's first 24x7 Drinking Water Supply Scheme for Nagpur Municipal Corporation.
- Led a team of 20 technicians to ensure smooth operations.
- Focused on system efficiency, troubleshooting, and maintenance.
- Played a key role in the successful implementation of this pioneering project.
- Contributed to the success of India's first 24x7 water supply initiative, setting a benchmark in urban water management.

3. Previous Position: Assistant Manager

Organization: SMS Infrastructure Ltd, Nagpur

Duration: June 2013 – May 2014

Key Responsibilities:

- Spearheaded the Design, Engineering, Procurement, Construction Testing Commissioning, Trial Run of Common Effluent Treatment Plant of 12.5 MLD capacity at Industrial Estate Bahadurgarh (Haryana).
- Managed end-to-end project execution, including planning, design, and construction phases.

- Supervised and coordinated a team of 25 construction workers and supervisors, ensuring timely and efficient project delivery.
- Demonstrated expertise in project management, resource allocation, and quality control for large-scale infrastructure projects.
- Acted as Assistant Project Manager, providing leadership and technical guidance to achieve project milestones.
- Ensured compliance with safety standards, environmental regulations, and project specifications.

4. Previous Position: Senior Engineer

Organization: Ramky Enviro Engineers Ltd, Hyderabad

Duration: December 2010 – May 2013

Key Responsibilities:

- Prepared technical reports and conducted field studies for Environment Impact Assessment (EIA) projects.
- Managed all stages of EIA processes, including screening, scoping, report preparation, application submission, and stakeholder consultation.
- Developed a comprehensive Drinking Water Supply Scheme for 35,000 revenue villages in rural Rajasthan.
- Assessed and evaluated technical factors related to environmental and infrastructure projects.
- Led EIA projects as a Team Lead, providing guidance and oversight to subordinate teams during technical reporting and analysis.
- Ensured compliance with environmental regulations and standards while delivering high-quality project outcomes.
- Demonstrated strong leadership and team management skills, fostering collaboration and efficiency within the team.

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

1. Project Title: Promotion of Countermeasures Against Marine Plastic Litter in Southeast Asia and India

Client Name: United Nations Environment Programme (UNEP)

Type: Global Environmental Authority

Sector: Environmental

Role: Conducted fieldwork for micro and macro plastic assessment and data analysis.

Duration:

- CounterMEASURE I: 2019–2020
- CounterMEASURE II: 2021–2022

Problem Definition: Study of microplastic pollution in the River Ganges.

Recommendations Made: Identified and quantified microplastic levels in the River Ganges.

Impact Created:

- Conducted the first-ever study in India to quantify microplastic pollution in the River Ganges.
- Provided critical data to support policymaking and initiatives to combat marine plastic litter in Southeast Asia and India.
- Contributed to global efforts under UNEP to address plastic pollution and promote sustainable environmental practices.

- 2. Project Title:** Preparation of Business Responsibility and Sustainability Report (BRSR)
Client Name: KIOCL Ltd, Hindustan Copper Limited (HCL), National Aluminium Corporation Ltd (NALCO)
Type: Public Sector Undertaking (PSU)
Sector: Mining
Role: Conducted fieldwork, data analysis, and preparation of BRSR reports for submission to the exchange.
Duration:
 - Report for FY 2022–23
 - Report for FY 2023–24**Problem Definition:** Ensuring regulatory compliance as per SEBI Circular SEBI/HO/CFD/CMD-2/P/CIR/2021/562 dated May 10, 2021.
Recommendations Made: Successfully complied with BRSR-Core requirements.
Impact Created:
 - Prepared a total of 06 BRSR reports for listed entities, ensuring adherence to SEBI guidelines.
 - Successfully submitted the reports to the exchange, enabling clients to meet regulatory obligations and demonstrate their commitment to sustainability and corporate responsibility.
- 3. Project Title:** Human Capital and Productivity Improvement Study
Client Name: Western Coal Fields Ltd (WCL), South Eastern Coal Fields Ltd (SECL), Uranium Corporation India Ltd (UCIL), Coromandel International Ltd.
Type: Public Sector Undertaking (PSU) and Private Sector
Sector: Mining and Fertilizer
Role: Conducted fieldwork, data analysis, and assessed manpower productivity.
Duration: 2015–16, 2018–19, 2019–20
Problem Definition: Irrational work distribution among existing manpower.
Recommendations Made: Rationalized manpower based on assessed workload and job descriptions. Suggested automation solutions where feasible to optimize productivity.
Impact Created:
 - Achieved manpower reduction ranging from 10–20% across organizations.
 - Improved operational efficiency and productivity by aligning workforce distribution with actual workload requirements.
 - Enabled cost savings and enhanced organizational performance through strategic manpower rationalization and automation.
- 4. Project Title:** Mandatory Energy Audit
Client Name: Korba Thermal Power Station (KTPS), Hindalco Mahan Aluminium - Bargawan, Singrauli
Type: State Government Undertaking and Private Sector
Sector: Power Plant and Aluminium
Role: Conducted fieldwork, data analysis, and prepared Energy Audit Reports.
Duration: 2018–19, 2020–21
Problem Definition: Conducting mandatory annual energy audits to identify energy-saving opportunities and improve efficiency.

Recommendations Made:

- Proposed energy-saving measures to reduce total energy costs by 10–30%.
- Provided payback periods for recommended measures ranging from 3 to 18 months.

Impact Created:

- Enabled significant cost savings through the implementation of energy-efficient practices.
- Improved energy performance and operational efficiency for clients.
- Supported compliance with regulatory requirements for mandatory energy audits.

VI. Educational Background**1. Degree: Master of Science (MSc)**

- **Institution:** Indira Gandhi National Open University, New Delhi
- **Type:** Part Time
- **Year:** 2025
- **Specialization:** Environmental Science

2. Degree: Master of Business Administration (MBA)

- **Institution:** Indira Gandhi National Open University, New Delhi
- **Type:** Part Time
- **Year:** 2018
- **Specialization:** Operations Management

3. Degree: Post Graduate Diploma (2 years)

- **Institution:** Indira Gandhi National Open University, New Delhi
- **Type:** Part Time
- **Year:** 2013
- **Specialization:** Disaster Management

4. Degree: Post Graduate Diploma (2 years)

- **Institution:** Indian Institute of Human Rights, New Delhi
- **Type:** Part Time
- **Year:** 2012
- **Specialization:** Human Rights

5. Degree: Post Graduate Certificate Course (1 year)

- **Institution:** Dr. Ambedkar Institute of Productivity, NPC, Chennai
- **Type:** Full Time
- **Year:** 2010
- **Specialization:** Environment Management

6. Degree: Bachelor of Engineering (BE)

- **Institution:** KDK College of Engineering, Nagpur (R T M Nagpur University)
- **Type:** Full Time
- **Year:** 2009
- **Specialization:** Mechanical Engineering

Additional Professional Qualifications:

- Certified Productivity Practitioner, Asian Productivity Organization (APO Tokyo, Japan), August 2018

- Certificate in Project Management (CIPM), International Institute of Projects and Program Management (i2p2m), May 2019
- Advanced Productivity Improvement Tools & Techniques for 5S Implementation, APO-NPC, November 2018
- ISO /IEC 17020:2012 Conformity Assessment - Requirement for the Operation, QCS, October 2019
- Bureau of Energy Efficiency (BEE), Government of India - Certified Energy Manager, EM-10070/21
- GRI (2021 update) certified Training Course , ACCGS (certificate number C46500), July 2023

IT Tools & Proficiency Level

- MS Office Suite: Advanced proficiency in MS Word (document creation, formatting, editing), MS Excel (data analysis, pivot tables, formulas, charts, macros), and MS PowerPoint (presentation design, animations, storytelling).
- Data Analysis Tools: Skilled in using Excel and other tools for trend analysis, reporting, and decision-making.
- Google Forms: Intermediate proficiency in designing surveys, data collection, and response analysis.

VII. Research and Publications

Speaking Engagements:

- Served as an **Expert Trainer** for a Capacity Building Program on Waste Management Rules 2016, training representatives from 20 Municipalities across India under the Ministry of Housing and Urban Affairs (MoHUA) from 2017 to 2019.
- Acted as a **Resource Person** for the Training Course for Assessors under the Green Productivity Specialists Certification Program (24-RC-03-GE-TRC-B 22), held from 22–26 April 2024.
- Acted as a **Resource Person** for the Multi-country Observational Study Mission on the Policy Landscape for Sustainable Development (24-CP-38-GE-OSM-B), held from 26–28 March 2025.

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: 01 June 2025

Place: New Delhi

[Lalit S. Kamde]