

## **NPC Consultant Professional Profile**

### **I. Personal Information**

**Name:** V. G. Sandhya

**Date of Birth:** 27.10.1987

**Current Position & Domain:** Deputy Director, Environment and Climate Action

**Office Location:** ALP, Chennai

**Languages:**

S. No.	Language	Can Speak	Can Read	Can Write
1	Saurashtra	✓	x	x
2	English	✓	✓	✓
3	Hindi	✓	✓	✓
4	Tamil	✓	✓	✓
5	Kannada	✓	✓	✓
6	Marathi	✓	✓	✓



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Mobile: 9840472627

### **II. Professional Summary**

- More than 14 years of rich experience in the field of Environmental Management.
- Supported in conduct of National Certification Examination for Energy Managers and Energy Auditors for last 3 examinations.
- Supported in conduct of Refresher Course for Energy Managers.
- Developing training modules in various fields of environmental management and financial management and conduct of the same

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

**Primary Domains:** Environmental management, conduct of exams

**Specialized Skills:** Auditing, consultancy, training, lecture

**Industry Focus:** Chlor alkali, electroplating, power plant, thermal power plant, port, chemicals

### **IV. Professional Experience**

**Current Position:** Deputy Director **Organisation:** National Productivity Council, Chennai **Duration:** June 2016 - Present

**Key Responsibilities:**

- Strategic role in productivity enhancement
- Specific areas of consultation /expertise
- Leadership and team management aspects
- Key projects and initiatives led

**Previous Position:** Deputy Manager **Organisation:** Cholamandalam MS Risk Services, Chennai **Duration:** January 2011 – March 2015

**Key Responsibilities:**

- Preparation of EIA Report
- Undertaking Environmental and EHS Audit
- Sectoral expertise in Thermal power plants, Cement manufacturing, Ports and harbours, Refinery, Synthetic Organic chemicals, Building and construction
- Capacity assessment of Wastewater Treatment plant and troubleshooting
- Preparing the Process of various studies and standardising records

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

**Project Title:** Conduct of National Certification Examination for Energy Managers and Energy Auditors

**Client Name:** Bureau of Energy Efficiency      **Type:** Government      **Sector:** Ministry of Power

**Role:** Exam Co-coordinator

**Duration:** 9 months

**Problem Definition:** To conduct the examination and certify the candidates as Energy Managers and Energy Auditors

**Recommendations Made:** Post completion of examination, certified the candidates based on the marks scored

**Impact Created:**

- Have certified persons as Energy Managers and Energy Auditors

**Project Title:** Hazardous Waste Inventorisation

**Client Name:** Madras Fluorine Private Limited      **Type:** Private      **Sector:** Chemical Industry

**Role:** Auditor

**Duration:** 3 months

**Problem Definition:** Deriving Specific Hazardous Waste Generation Factors

**Recommendations Made:** recommended the specific hazardous waste generation factors for all the 20 chemicals manufactured by the industry

**Impact Created:**

- Was submitted and accepted by Tamilnadu State Pollution Control Board
- Was the first on-desk evaluation done during the COVID lockdown period.

**Project Title:** Sustainability Report for Orissa Mining Corporation

**Client Name:** Orissa Mining Corporation      **Type:** Government      **Sector:** Mining

**Role:** Team Member

**Duration:** 12 months

**Problem Definition:** Preparation of Sustainability Report as per GRI guidelines

**Recommendations Made:** Submitted their first GRI report

**Impact Created:** Got GRI certification

**Project Title:** E-waste Inventorisation Study

**Client Name:** Tamilnadu Pollution Control Board **Type:** Government **Sector:** Board

**Role:** Project Coordinator

**Duration:** 2 yrs

**Problem Definition:** Inventorisation of E Waste in the state of Tamilnadu

**Recommendations Made:** Link with GST

**Impact Created:**

- Carbon emission reduction achieved
- Process improvements achieved
- Cost savings / efficiency gains
- Streamlining of waste process

## **VI. Educational Background**

**Highest Degree:**

- **Degree:** Post Graduate Certificate Course in Environment Management (PGCEM)
  - **Institution:** Dr. Ambedkar Institute of Productivity, National Productivity Council, Chennai
  - **Type:** Full Time
  - **Year:** 2010
  - **Specialization:** Environment Management
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- **Degree:** Bachelor of Engineering
  - **Institution:** Kolhapur Institute of Technology, Kolhapur
  - **Type:** Full Time
  - **Year:** 2009
  - **Specialization:** Environmental

**Additional Professional Qualifications:**

- Diploma in Industrial Safety
- Hands on training on Life Cycle Assessment
- Training on Environmental Management in Tanneries, Slaughter Houses, Sponge Iron Plants, Pharma and Chemical Sector
- Training on Developing Eco-Industrial Cluster
- Training on Reporting with the GRI Standards 2021 update
- GRI Reporting

## **VII. Research and Publications**

### **Recent Publications:**

- Co-authored research Paper “Mapping Policy Instruments to Unlock the Private Finance Potentials to Improve Industrial Energy Efficiency” Springer Publication “Financing for Low-Carbon Energy Transition – Unlocking the Potential of Private Capital” (ISBN 978-981-10-8581-9)

### **Speaking Engagements:**

- Sustainability conference at IQL

### **Awards and Recognition**

- Was university topper in all four years of engineering

### **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: 07<sup>th</sup> February 2025

Place: Chennai

  
[V G Sandhya]

### **Profile Update History**

Last Updated: [Date]

Next Review Due: [Date]

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