

NPC Consultant Professional Profile

I. Personal Information

Name: NIKITA

Date of Birth: 14/08/1987

Current Position & Domain: Deputy Director, Environment & Sustainability

Office Location: Head Office, New Delhi

Languages: English (C2), Hindi (C2)

Contact: nikita@npcindia.gov.in (9582858107)



II. Professional Summary

I am an Environment & Waste Management professional with over 14 years of experience in the domain of environmental management, industrial pollution prevention and ESG. Currently serving as a **Deputy Director at the National Productivity Council (NPC), India**, have **extensive expertise** in environmental audits, regulatory compliance, and policy development. My work includes consultancy & research assignments like **developing environmental standards, executing ESG action plans, implementing waste management strategies, assessing environmental compensation etc.** I have played a key role in several projects with **CPCB, MoEF&CC, UNEP, and other government bodies.**

III. Areas of Expertise

Core Expertise:

- Environmental Audits (Statutory & voluntary)
- Waste management – Solid waste management, Plastic waste management, biomedical waste management, hazardous waste management
- Sustainability Reporting
- Project Management
- Wastewater treatment
- Monitoring & Evaluation

Specialized Skills:

- ESG
- Net Zero Strategies
- Extended Producer Responsibility (EPR)
- Training & capacity building

Industry Focus:

- Ministry Departments and Government Agencies
- Corporate / CPSEs
- Multilateral organizations

IV. Professional Experience

1. Current Position: Deputy Director

Organisation: National Productivity Council, New Delhi

Duration: June 2015 - Present

Key Responsibilities:

- Integrate sustainable practices into industrial operations to drive efficiency, resource optimization, and environmental compliance.
- Provide specialized guidance on industrial pollution control, sustainability reporting, net-zero strategies, GHG inventory development, and Extended Producer Responsibility (EPR) to support regulatory compliance and environmental stewardship.
- Oversee and manage project lifecycles, ensuring timely and successful delivery while aligning with client objectives and sustainability goals.
- Lead, mentor, and support teams, fostering a collaborative work environment while maintaining accountability for project outcomes and performance excellence.

Key projects and initiatives led:

- Project on preparation of environmental standards for plastic waste processing units. CPCB 2024.
- Assessment of Environmental compensation to be levied on industries for causing environmental damage. CPCB 2024
- Study, Drafting of Policies and Action Plan related to Social and Governance Aspects of ESG for Oil India Ltd. 2024
- Asia Pacific Clean Air Partnership: Unlocking climate finance to support climate and clean air solutions in India, UNEP 2024
- Implementation of Robust ESG & BRSR compliance for Indraprastha gas Ltd. 2023
- Environment audit of common TSDF, Captive SLF and captive Incinerator operating in the state of Kerala, KSPCB, 2023
- Assessment of impact of SUP (single use plastic) ban in 4 cities Agra, Vadodara, Patna and Mangalore, UNEP, 2023
- Development of 3 Tier Monitoring Mechanism for compliance of Environmental conditions for projects granted Environment Clearance under EIA notification 2006. Client: MoEF&CC
- Random inspection and verification of hazardous waste inventory in several hazardous waste generating units in India. .
- Comprehensive Environment Audit of TSDF. Client: BEIL, Ankaleshwar
- Consultancy services for setting up additional Common biomedical waste treatment facility in Delhi; Client: DPCC
- Need and gap assessment for setting up additional Common biomedical waste treatment facility in Delhi;
- Third Party Audit of Common Bio medical waste management facilities operating in Delhi;
- Promotion of Counter Measures against Marine Plastic Litter in South East Asia and India (Phase 1 & 2);
- Development of E learning modules on Solid waste management, Plastic waste management and biomedical waste management; Client: UPPCB
- Monitoring and Evaluation of several schemes of Central / state Government

2. Previous Position: Assistant Manager-Technical

Organization: Enhanced WAPP systems, Gurugram, Haryana

Duration: June 2012 till June 2015

Key Responsibilities:

- Designing of wastewater and effluent treatment plants. and proposal making for STP/WTP/ETP.
- Preparing cost effective techno-commercial proposals for STP/ ETP/ZLD and municipal solid waste management.
- Tender preparation, bidding and evaluation.
- Discuss & understand the design input from consultants/contractors, govt. organizations & Industrial clients
- Preparing and providing CAD layout, GA drawings and P&I diagrams.
- Preparing technical documents, feasibility report and design reports.
- Business development, coordination and negotiation from clients for project finalization and contract conditions.
- Referring to various design documents, research papers and interacting with vendors for new technologies in the field of wastewater treatment, to optimize the treatment scheme to be recommended to the client.

3. Previous Position: Manager-AFRF (Alternate Fuel Resource facility)

Organization: Gujarat Enviro Protection & Infrastructure Ltd, Surat, Gujarat.

Duration: December 2010 - May 2012

Key Responsibilities:

- Handling & Management of hazardous wastes from various industries (pharmaceutical, drugs & chemicals, agro-chemical, distillery, paints & adhesives etc.) for its utilization in co-processing in cement industry and its treatment & disposal through incineration, landfill or solidification & stabilization.
- Handling Routine operations of TSDF
- Pilot trials on combination of hazardous waste from various industries in specific proportions after suitable pre-treatment and processing.
- Daily operations, Quality check and assurance of the final product (waste blend mix) being dispatched to the cement industry for co-processing and ensure that the quality matches the prescribed statutory norms.
- Preparation of detailed project reports, on site emergency plan, research papers, presentations and standard operating procedures for various plant operations.
- R&D trials for upcoming Multi effect evaporator, for utilizing high COD waste into co-processing.
- Provide technical input for efficient operation of ETP and coordinate analysis of various effluent streams generated at the site for treatment and disposal.
- Ensure that the site does not violate consented quantities of waste received and products manufactured.
- External communication with clients, distributors, suppliers, external laboratories and R&D centers.
- Hazardous waste inventorization study for the state of Gujarat and Karnataka

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

- 1. Project Title:** Study, Drafting of Policies and Action Plan related to Social and Governance Aspects of ESG

Client Name: Oil India Ltd. (OIL)

Type: Public sector undertaking (PSU)

Sector: Environmental

Role: Conducted thorough assessment of OIL's existing policies and practices, survey of OIL's employees and external stakeholders, focused group discussions, data collection, data analysis and report preparation.

Duration:

- June 2024 – December 2024

Problem Definition: As part of the study NPC undertook assessment of the OIL's current policies, practices, and performance, gathered insights from OIL's employees through a structured questionnaire survey, conducted focused group discussions with targeted departments, obtained perspective of few external stakeholders of OIL and benchmarked OIL's current policies, practices, and performance, with national and international frameworks and few leading PSUs.

Recommendations Made: Identified the gaps in OIL's current practices and procedures.

Impact Created:

Based on the assessment undertaken a policy on Anti bribery & corruption (ABC) and Human rights has been drafted and also a framework for policy implementation and strategic communication plan for OIL has been formulated

- 2. Project Title:** Development of 3 Tier Monitoring Mechanism for compliance of Environmental conditions for projects granted Environment Clearance under EIA notification 2006

Client Name: Ministry of Environment, Forest & Climate change (MoEF&CC)

Type: Central Ministry

Sector: Environmental

Role: Execution of project deliverables, stakeholder consultations, fine tuning the drafted scheme & frameworks, coordination & presentation to Ministry on the progress made.

Duration:

- July 2022-July 2023

Problem Definition: Compliance of Post Environmental clearance compliance monitoring.

Recommendations Made: Prepared various SOPs, knowledge products and frameworks for the implementation of the 3 Tier monitoring mechanism and functioning of Certified Environment Auditor (CEA) scheme.

Impact Created:

- Collated all the legacy data on the projects that have been granted EC by the ministry.
- Developed scheme for certified Environment Auditors (CEA scheme)
- Draft notification on the CEA scheme published by MoEF&CC in January 2023
- NPC designated as "EADA (Environment Audit designated Agency)" in the draft notification.

- 3. Project Title:** Environment audit of common TSDF, Captive SLF and captive Incinerator operating in the state of Kerala

Client Name: Kerala State Pollution Control Board (KSPCB)

Type: State regulatory body

Sector: Environmental

Role: Conducted fieldwork, inspection, data verification, prepare sampling framework, data collection & analysis, report preparation and presentation to KSPCB.

Duration:

- December 2023 – September 2024

Problem Definition: Executed audit wrt infrastructure requirement, operational adequacy, functional adequacy and record keeping.

Recommendations Made: Disposal of hazardous waste being generated and managed by the units audited.

Impact Created:

- Gaps were found in the existing practices of hazardous waste being managed by the units
- Recommendations were made how to treat and dispose the hazardous waste
- Recommendations made on reuse and recycle of specific hazardous waste as per CPCB SOPs.

4. 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 macroplastic 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.

5. Project Title: Implementation of Robust ESG & BRSR (Business Responsibility sustainability reporting compliance

Client Name: Indraprastha Gas Ltd

Type: Public Sector Undertaking (PSU)

Sector: OIL & GAS

Role: Conducted fieldwork, data analysis, and preparation of BRSR reports for submission to the exchange.

Duration:

- Report for FY 2022–23

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:

- Successfully submitted the reports to the exchange, enabling clients to meet regulatory obligations and demonstrate their commitment to sustainability and corporate responsibility.

V. Educational Background

- Degree: Post Graduate Diploma in Environmental Law and Policy (1 year)**
 - **Institution:** National Law University, New Delhi
 - **Type:** Part Time
 - **Year:** October 2022- October 2023
 - **Specialization:** Environmental Law
- Degree: Post Graduate Certificate Course (1 year)**
 - **Institution:** Dr. Ambedkar Institute of Productivity, NPC, Chennai
 - **Type:** Full Time
 - **Year:**2010
 - **Specialization:** Environment Management
- Degree: Bachelor of Engineering (BE)**
 - **Institution:** Hindustan College of Science and Technology (UPTU)
 - **Type:** Full Time
 - **Year:**2009
 - **Specialization:** Environmental Engineering

Additional Professional Qualifications:

- **Represented India as a National Expert** and executed a research assignment on “Establishing complementarities between Circular Economy and green Productivity for Asian Productivity Organization (APO) Japan
- Certified Trainer by Skill Council Of Green Jobs on industrial wastewater management
- 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.

VI. Research and Publications

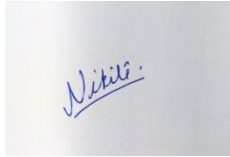
- Toolkit on implementation of Hazardous waste management Rules 2016 ; Client: CPCB
- Toolkit on implementation of Solid waste management Rules 2016; Client: CPCB
- Toolkit on implementation of Biomedical waste management Rules 2016; Client: CPCB
- Toolkit on implementation of Plastic waste management Rules 2016; Client: CPCB

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.
- Served as an Expert Trainer for Biomedical Waste Management Training for Armed Forces Medical Services Officers on dt. 18th May, 2024
- Acted as a Resource Person for the in various programmes and training programmes related Environment domain

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.

A photograph of a white surface with the name 'Nikita' written in blue ink in a cursive script.

Date: 12 February 2025

Place: New Delhi

[NIKITA]

Profile Update History

Last Updated: [12 February 2025]

Next Review Due: [Date]