

NPC Consultant Professional Profile

I. Personal Information

Name:R. Idhayachander

Date of Birth: 01-05-1979

Current Position& Domain:Dy. Director, Environmental Management

Office Location:AIP/Regional Directorate, Chennai

Languages:Tamil (Read, Write &Speak), English (Read, Write &Speak)

Contact: idhaya.chander@npcindia.gov.in Mob: 8939612824



II. Professional Summary

- More than 20 years of rich experience in the field of Energy and Environmental Management in executing consultancy projects.
- Certified Energy Auditor and also a certified ISO 50001 lead assessor.
- Invited as expert speaker in various national, international seminars, conference and webinars.
- Technical expert in various state and central committees

III. Areas of Expertise

Primary Domains:Environmental Management, Energy Management.

Specialized Skills:Auditing, Consultancy, Training

Industry Focus:Paint, Electroplating, Power plant

IV. Professional Experience

Current Position: Dy. Director**Organisation:**National Productivity Council**Duration:** Since 2015

Key Responsibilities:

- Strategic role in Environmental , Energy productivity enhancement
- Auditor in the field of Energy, Environmental & Water.
- Development of concept note and proposal for getting new projects, assignments & training programs.
- Promoting the concept of productivity by organising training programs and through social media like twitter, Facebook etc

Previous Position:Assistant Director**Organisation:**National Productivity Council**Duration:**2008–2015

Key Responsibilities:

- Preparation of reports, study materials, presentation materials for various projects, assignments and training programs.
- Approaching clients, assessing their needs, preparation of proposals, following up clients, planning and execution of awarded projects to the satisfaction of the client.
- Execution of Project activities mainly through field studies, data collection, compilation, analysis, and interpretation of data generated in the field through primary and secondary investigation.
- Providing assistance to senior Consultants in generating new projects, assignments & training programs.

Previous Position:Process Engineer**Organisation:** Switching Technologies Gunther Ltd**Duration:**2004-2008

Key Responsibilities:

- Led a team of workers for efficient production.
- Implementation of resource conservation projects
- Liaising with pollution control board
- Addressing non-compliance issues

Previous Position: Project Associate**Organisation:** Indian Institute of Technology Madras, Chennai**Duration:**2003-2004

Key Responsibilities:

- Providing Software support to various projects in the department.
- Conducting Lab Sessions to students.

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

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

Project Title:Waste Minimisation in Small Scale Industries

Client Name: Ministry of Environment, Forests and Climate Change**Type:**Government**Sector:**Electroplating, foundry, Textile, etc

Role:Project Member

Duration:5yrs

Problem Definition: Waste minimisation implementation

Recommendations Made:Water conservation , energy conservation etc

Impact Created:

- Positive environmental improvement
- Productivity enhancement efforts.
- Process improvements achieved
- Cost savings or efficiency gains
- Knowledge improvement through Capacity building
- Good practise implemented

Project Title: Implementation of HaritSagar Green Port Guidelines
Client Name: Kamaraj Port Ltd **Type:** Government**Sector:**Harbour and Port
Role:Project Coordinator
Duration:5yrs

Problem Definition: Baseline for carbon emission, water

Recommendations Made:Decarbonising measures like, green fuel usage, green water usage etc

Impact Created:

- Carbon emission reduction achieved
- Process improvements achieved
- Cost savings or efficiency gains
- Water conservation achieved

Project Title:Developing environmental standards and a comprehensive industry document for paint industries

Client Name: Central Pollution Control Board **Type:**Government**Sector:**Paint

Role:Project Coordinator

Duration:2 yrs

Problem Definition: Environmental assessment

Recommendations Made:Environmental Standard recommended

Impact Created:

- Positive Environmental Improvement
- Process improvements achieved
- Cost savings /efficiency gains
- Best practise implemented

Project Title:Environmental Management in Beehive Coke Oven Plants

Client Name: Central Pollution Control Board **Type:**Government**Sector:**Steel

Role:Project Coordinator

Duration:2 yrs

Problem Definition: Environmental assessment

Recommendations Made:Environmental Standard recommended

Impact Created:

- Positive Environmental Improvement
- Process improvements achieved
- Cost savings /efficiency gains
- Best practise implemented

Project Title:Consultancy & Training for Implementation of Environmental Management System (EMS) as per ISO-14001 at President's Estate (Rashtrapati Bhavan)

Client Name: Rashtrapati Bhavan **Type:**Government**Sector:**Estate

Role:Project Member

Duration:1 yrs

Problem Definition: Environmental Management System implementation

Recommendations Made:Environmental improvement

Impact Created:

- Positive Environmental Improvement
- Process improvements achieved
- Cost savings /efficiency gains
- Best practise implemented

VI. Educational Background

Highest Degree:

- **Degree:**Ph.D
- **Institution:**National Institute of Technology, Trichy**Type:** Part Time
- **Year:**Pursuing
- **Specialization:** Environmental Management

- **Degree:**Master of Engineering (ME)
- **Institution:**Anna University, Chennai **Type:** Part Time
- **Year:** 2008
- **Specialization:** Environmental Management

- **Degree:**Bachelor of Technology (B.Tech)
- **Institution:**Central ElectroChemical Research Institute, Karikudi**Type:** Full Time
- **Year:** 2000
- **Specialization:** Chemical and Electro Chemical Engineering

Additional Professional Qualifications:

- Completed three months certificate course on Technical Consultancy in Consultancy Development Centre, (Govt. of India).
- Completed three months certificate course on Advanced Diploma in Computer Hardware and Networking in SISI (Govt. of India).
- Completed one year certificate course on Post Graduate Diploma in computer Application (PGDCA) in Madurai Kamaraj University.

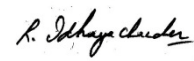
- BEE Certified Energy Auditor
- Certified Environment Management System - ISO 14001 Consultant
- Certified Energy Management System – ISO – 50001 Consultant

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: __07.02.2025__

Place: __Chennai_____



R.IDHAYACHANDER
