

# Enviro Care<sup>®</sup> INDIA PRIVATE LIMITED

*Redefining Sustainability...*





## Prof. Dr. S. Rajamohan

B.E. (Civil), M.E. (Environ), Ph.D.,  
Founder & Managing Director

An Academician Turned as  
Successful Entrepreneur...

## Founder & Managing Director

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“101 First Generation Successful  
Entrepreneurs in Tamil Nadu”  
Awarded by  
Confederation of Indian  
Industries (CII)

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“Excellence in  
Environmental Services” 2021  
Awarded by  
Times of India

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“Eminent Engineer Award 2022”  
By  
Association of Consulting  
Civil Engineers (India), ACCE(I)

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# Our Services

## I. Consultancy Services

- \* Environmental clearance from State Environmental Impact Assessment Authority (SEIAA) and MoEF&CC, Govt of India New Delhi
- \* Environmental Impact Assessment (EIA) Study
- \* Environmental Management Plan (EMP) Study
- \* Risk Assessment and Hazop Study
- \* Environmental Auditing
- \* Environmental Training and Awareness Programme
- \* Consent for Establishment and Consent for Operation, Hazardous Waste Authorization from Tamilnadu Pollution Control Board (TNPCB) and other State Pollution Control Board (SPCB)

## II. Turnkey Projects

- \* Planning, Design, Supply, Construction, Erection and Commissioning of Treatment plants (ETP, ZLD, STP, WTP & R.O.), Drinking water Plant (IS 14543)
- \* Air Pollution Control Equipments
- \* Online Monitoring Equipment with TNPCB Approved Software for Stack Monitoring/Waste Water/Water Monitoring / ZLD Plants
- \* Chemicals & Spares

## III. Laboratory

- \* Equipped to Analyze all Environmental Parameters
- \* Ambient Air Quality Survey, Stack Monitoring and Noise Level Measurement.
- \* Automatic Weather Monitoring
- \* Analysis of Air, Water, Sewage, Effluent, Sludge and Soil
- \* Food Testing as per FSSAI Standards

## IV. Operation & Maintenance

- \* ETP, ZLD, STP, WTP and R.O. Plant
- \* Industrial & Inprocess Labs

# I. Consultancy Services

## a). Environmental/ Costal Regulation / Consent Clearance

- \* Environmental Clearance from Ministry of Environment, Forest Climate Change (MoEF&CC), Govt of India New Delhi and State Environmental Impact Assessment Authority (SEIAA)
  - \* Consent for Establishment and Consent for Operation, Hazardous Waste Authorization from Tamilnadu Pollution Control Board (TNPCB) and other State Pollution Control Board (SPCB)
- EIA study for the following projects**
- \* Industrial Projects  
Cement, Sugar, Automobile, Foundry, Distillery, Chemical, Pharmaceutical, Electroplating
  - \* Thermal Power Plants  
Gas based, Coal based, Biomass based
  - \* Infrastructure Projects  
Airports, Ports, CETPs, Industrial Park
  - \* Construction Projects  
Residential Complex, Commercial Complex, IT. Parks, Hotels.
- EMP study for all type of projects**
- \* CRZ Clearance for all type of projects which is located 500 meter from HTL in Sea front area and 100 meter from costal water bodies (Canal, Backwaters, Estuaries).

## b). Risk Assessment

- \* Risk Analysis and Assessment
- \* Maximum Credible Accident and Consequence Analysis (MCACA)
- \* Onsite and Offsite Emergency Plan
- \* Hazop Study

## c). Environmental Audit & Training

- \* Water & Waste water Audit for Industries
- \* Environmental Awareness Training for Industries



# II. Turnkey Projects

## a). Water Treatment Plant & Drinking Water Plant

Sand & Carbon Filters, Iron Removal Filters, Reverse Osmosis Plants  
Softening Plants, Demineralization Plants, Mixed Bed Plants &  
Ultra Filtration, Hns System.

## b). Sewage Treatment Plant with Recycling System

Moving Bed Biological Reactor (MBBR), Fluidized Bed Bio Reactor (FBBR), Activated Sludge Process (ASP), Chlorination, UV, Ozonator  
Packaged Treatment Plants, Ultra Filtration for STP, Sequential Batch Reactor (SBR), Membrane Bio Reactor (MBR).

## c). Effluent Treatment Plant

Chemical Treatment, Biological Treatment, Anaerobic Treatment &  
Packaged Treatment Plant

## d). Zero Liquid Discharge System

PRETREATMENT

Effluent Treatment plant, ultrafiltration, nano filtration, reverse osmosis plant (Spiral Wound & Disc Type Membrane)

EVAPORATORS

Single Stage Evaporators, Double Stage/Multistage Evaporators

SALT SEPARATOR

ATFD (Agitated Thin Film Drier), Crystallizer

## e). Air Pollution Control Equipments

Wet/Dry scrubbers, Mist Eliminators, Fumes Extractor

## f). Online Monitoring Equipments

Online Monitoring Equipments for Stack, Gas & Ambient Air with TNPCB Approved Software

Online Monitoring Equipments for all Parameters of Water and Waste Water Treatment Plants



# III. Laboratory Services

## a). WATER ANALYSIS

- \* Packaged Drinking Water analysis as per IS 14543 : 2004
- \* Suitability of Water for portability as per IS 10500 : 2012
- \* Suitability of Water for Construction as per IS 456 : 2000
- \* Toxic Trace Metal Analysis
- \* Surface, Ground, Seawater Analysis
- \* Effluent / Sewage / Waste Water Analysis as per TNPCB Norms
- \* Microbiological Testing in Drinking Water

## b). AMBIENT / WORKPLACE AIR QUALITY SURVEY

- \* Suspended Particulate Matter (SPM)
- \* Respirable Particulate Matter (RPM)
- \* Particulate Matter (PM2.5) (PM10) Sulphur Dioxide (SO<sub>2</sub>)
- \* Oxides of Nitrogen (NOX) Carbon Monoxide (CO) Lead (Pb)
- \* Hydro Carbons (HC), Volatile Organic Compounds (VOC)
- \* Ammonia (NH<sub>3</sub>), Acid Mists
- \* Oil Mist and Toxic Heavy Metals

## c). STACK MONITORING

- \* Velocity & Volume of Flue Gas Discharge
- \* Dust / Particulate Emissions (PM)
- \* Sulphur Dioxide (SO<sub>2</sub>)
- \* Oxides of Nitrogen (NOX)
- \* Volatile Organic Compounds (VOC)
- \* Orsat Analysis (CO, CO<sub>2</sub>, and O<sub>2</sub>) and Toxic Trace Metals.

## d). WEATHER MONITORING

- \* Wind Speed, Wind Direction, Minimum Temperature, Maximum Temperature, Relative Humidity, Dew Point, Atmospheric Pressure, Solar Radiation and Rainfall etc.,
- \* **Noise Monitoring** : Test Noise levels at Various Industrial Operations.
- \* **Illumination Monitoring** : Test the Illumination levels at Various Industrial Operations.

## e). SOIL TESTING

- \* Texture, Lime Status, Moisture, Organic Carbon, pH, EC, Sulphate as SO<sub>4</sub> Sodium as Na, Nitrogen as N, Phosphorous as P, Potassium as K, Iron as Fe, Zinc as Zn, Copper as Cu, Manganese as Mn and Toxic Heavy Metals.



## f). FOOD TESTING

- \* Pesticide Residues Analysis
- \* Toxic Elements (Metal content)
- \* Toxins (Aflatoxins)
- \* Vitamins
- \* Antibiotics
- \* Nutritional Labeling
- \* Bakery Confectionary
- \* Sugar and Sugar Products
- \* Oil and Fat Products
- \* Cereals and Pulses
- \* Spices
- \* Milk and Milk Products,
- \* Fruits and Vegetables
- \* Meat and Meat Products
- \* Salt Products
- \* Tea and Tea Products
- \* Fish and Sea Foods



# IV. Operation & Maintenance

- \* Sewage Treatment Plants (STP)
- \* Effluent Treatment Plants (ETP)
- \* Zero Liquid Discharge (ZLD)
- \* Ultrafiltration(UF)
- \* Nano Filtration
- \* Demineralisation Plant(DM)
- \* Softener Plant
- \* Water Treatment Plant(WTP)
- \* Reverse Osmosis Plant(RO)
- \* Common Effluent Treatment Plant(CETP)



# OUR AWARDS & CERTIFICATES



NABL



NABET



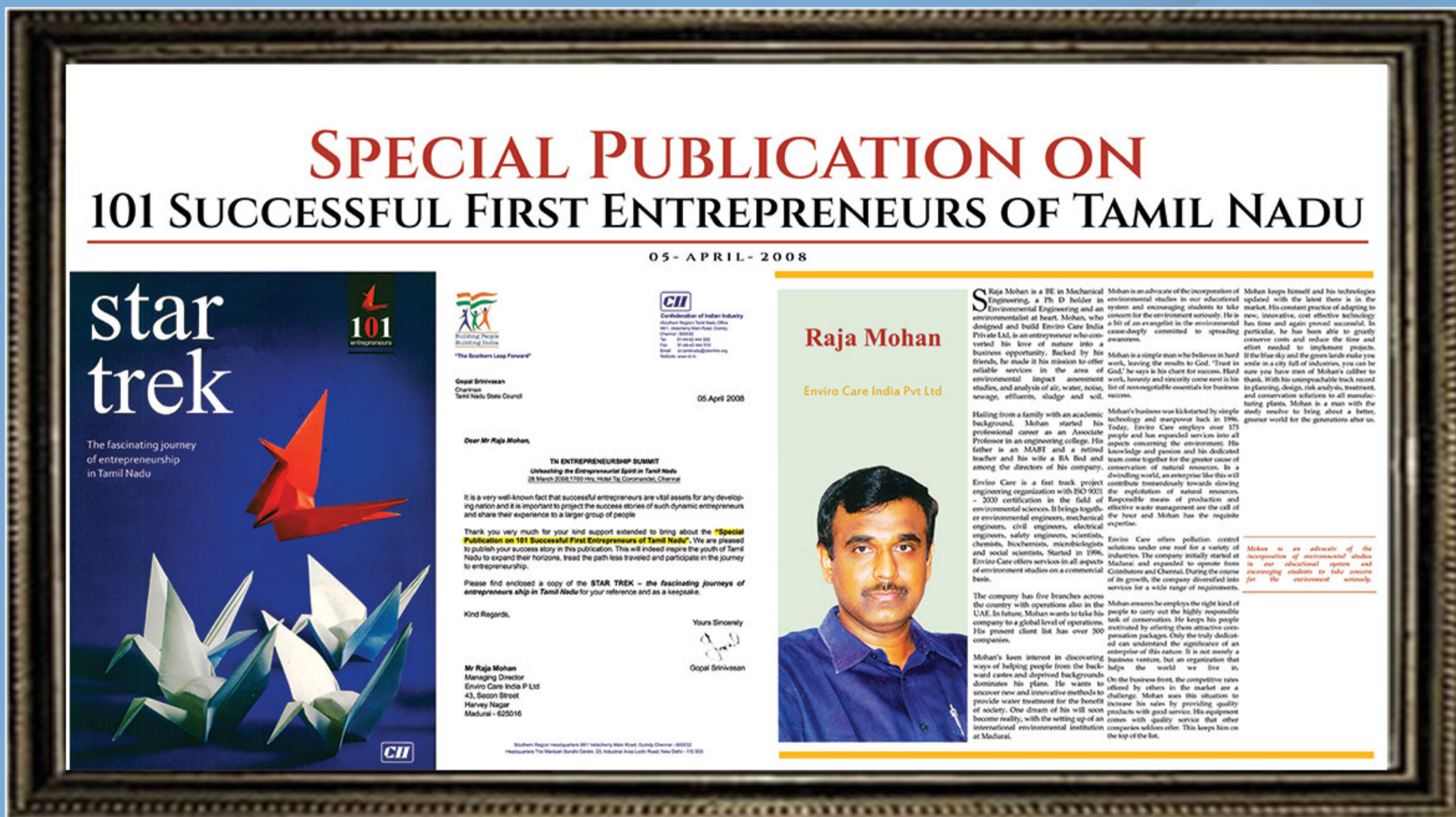
ISO 9001 : 2015



ISO 14001 : 2015



ISO 45001 : 2018



## OUR PRESENCE

**CONTACT US:**  
 9994896255  
 9994896266  
 9003923702  
 9994896259  
 9994896261

# OUR ACCREDITATION



**NABL**

**National Accreditation Board for Testing & Calibration  
Laboratories - New Delhi**



**NABET**

**National Accreditation Board for Education  
and Training - New Delhi**



**MOEF**

**Ministry of Environment & Forest - New Delhi**



**MoUD**

**Empanelled Agency by MoUD for Providing Technical  
Support to the Cities/Towns for Water Supply,  
Sewerage and Drainage Systems**



**CII**

**Member in the Confederation of India Industry**



**IWWA**

**Member of Indian Water Works Association**



**WB/ADB**

**Approved by World bank & Asian Development Bank**



# OUR PRESTIGIOUS CLIENTS



**ALSTOM**

**AMANN**  
GROUP



**AQUA GROUP**

**aragen**

**THE ARASAN ALUMINIUM INDUSTRIES (P) LTD**



**BANNARI AMMAN SUGARS LIMITE**



**BOSCH**

**BRITANNIA**



**SANMAR**



**CUMI**



**GALA GROUP**  
SENSUAL. NATURAL. AFFORDABLE.

**GOKALDAS EXPORTS LIMITED**

**GRT**  
HOTELS & RESORTS  
—THE PROMISE OF MORE—

**HAP**  
Hatsun Agro Product Limited

**HCL**



**Honeywell**



**JACOBI**  
THE CARBON COMPANY



**Kothari**  
SUGARS AND CHEMICALS LTD

**Kurian Abraham Pvt. Ltd.**  
BORN IN NATURE. ENRICHED BY TECHNOLOGY



**MORAIS CITY**



**NELCAST LIMITED**



**POPPYS HOTEL**  
MADURAI

**PRAXAIR**

**RAJSHREE**

**RAMCO GROUP**  
TEXTILE DIVISION

**Ramco Industries Limited**

**Rane**



**ROOTS**  
ADDING VALUE



**SANDHAR**  
Growth. Motivation. Better Life

**SCHAEFFLER**



**Seshasayee Paper and Boards Limited**  
Fine Papers - Lasting Impressions



**Sundram Fasteners Limited**

**Shriram Properties**  
Homes that live in you



**SKMP**

**SPAC**  
STARCH & DERIVATIVES



**Sri Ranganathar Industries (P) Ltd**  
Quality cast in every casting

**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UCC Act, 1956)

**STEER**

**TAG**  
THE ANAMALAISS GROUP

**TAJ**  
Hotels Resorts and Palaces



**TATA COFFEE**



**ULTRAMARINE & PIGMENTS LTD.**

**VELAMMAL EDUCATIONAL TRUST**  
driven by a thought



**VELAMMAL HOSPITAL**  
MADURAI

**VIM ALLOY PVT LTD**

**VOYANTS**  
PARTNERING VISION

**VV MARINE PRODUCTS**

**wakefit**

**WENDT**





# **ECI MEASURECARE**

## **Private Limited**

**NABL ACCREDITED CALIBRATION LAB**  
**ISO/IEC 17025**

# Scope

## Mechanical

### Dimensional

- \* Plunger Dial Gauge
- \* Bore Dial Gauge
- \* Dial Thickness Gauge
- \* Feeler Gauge
- \* Height Gauge
- \* Vernier Caliper (Analog/Digital/Dial)
- \* External Micrometer
- \* Vernier Height gauge (Analog /Digital / Dial)
- \* Weighing Balance and Weights

### Fluid Flow

- \* Electromagnetic flow Meter

### Acoustics

- \* Noise/Sound level meter

### Pressure

- \* Pressure/Vacuum gauge
- \* Pressure/ Vacuum Switches
- \* Pressure Transmitters

## Thermal

- \* RTD's & Thermocouples
- \* Temperature Indicator with Sensor
- \* Dry block calibrators
- \* Incubators
- \* Hot air ovens
- \* Furnaces
- \* Autoclave
- \* COD
- \* Deep Freezer

## Electro Technical

- \* Thermocouple & RTD -Simulation (All types)

