

Save Environment Save Yourself



Audit Team

The Environment Audit Cell comprises of qualified and experienced members to conduct environmental audit for the industries located in the Gujarat state. Details are as follows:

1. Dr. Yogesh C. Rotliwala, Ph.D. (Chem. Engg.)
(Chemical Engineer)
2. Dr. Hiral S. Tailor, Ph.D. (Chemistry)
(Chemist)
3. Dr. Himanshu J. Patel, Ph.D. (Chemistry)
(Chemist/Micro Biologist)
4. Prof. Nirav B. Naik, B.E. (Env. Engg.)
(Environmental Engineer)

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MAP



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Save Environment Save Yourself

Centre for Environmental Research & Technology (CERT)



Gujarat
Pollution Control Board
Recognised Schedule-I
Environmental Auditor



PACIFIC SCHOOL OF ENGINEERING

Kadodara, Surat

Ph. : +91 99044 08978

E-mail : cert.pse@gmail.com

Organization

Under the aegis of Pacific Education Trust, Ahmedabad, Pacific School of Engineering (PSE) was established in 2012 stimulated by renowned group from Udaipur, Rajasthan. PSE is located at the center of Surat, Navsari and Bardoli towns and commenced education in degree engineering and diploma courses. The Institute is approved by AICTE and affiliated to GTU. The campus is well connected by a fleet of buses to all parts of the city. PSE offers following courses:

- * **Bachelor of Engineering**
 - Chemical Engineering
 - Civil Engineering
 - Computer Engineering
 - Electrical Engineering
 - Mechanical Engineering
- * **Diploma Engineering**
 - Civil Engineering
 - Electrical Engineering
 - Mechanical Engineering

Centre for Environmental Research and Technology

The Centre for Environmental Research and Technology is recognized by the GPCB, Gandhinagar as Schedule-I Environmental Auditor vide circular no. GPCB/EA-326/422737 dated 12th September 2017.

Laboratory Services

The laboratory has passionate, self-motivated, organized team who is committed to provide best services to our valuable clients.

Scope of Work

The laboratory is fully equipped with sophisticated instruments for carrying out analysis of parameters covering various fields like Water, Waste-water, Ambient air, Stack, Soil, Noise, etc.

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|---------------------|--|
| Environmental Audit | Industries falling under Schedule – I category allotted by GPCB |
| Evaluation Report | Treatability Pollution Load Product Category & Identification Adequacy/ Efficacy Verification |

Various aspects of Environmental Monitoring

- * **Water and Wastewater Analysis**
 - Industrial Effluents (IS 3025, APHA)
 - Domestic Effluents (IS 3025, APHA)
 - Potable water, (IS 10500:2012)
 - Drinking water analysis (IS 10500:2012)
 - Package drinking water (IS 14543:2004)
 - Package Natural Mineral water (IS 13428:2005)
 - Industrial water/ cooling water
 - Ground water, Surface water
 - Distilled/ Demineralized water
- * **Ambient Air Quality Monitoring**
 - PM_{2.5} & PM₁₀ (CPCB guidelines)
 - Oxides of Nitrogen (IS 5182)
 - Oxides of Sulphur (IS 5182)
 - Ammonia (IS 5182)

* **Stack Emission Monitoring**

- Particulate Matter (CPCB guidelines)
- Sulphur Dioxide (IS 11255)
- Oxides of Nitrogen (IS 11255)

* **Noise Monitoring**

- As per CPCB Guidelines

* **Hazardous Wastes**

- As per CPCB Guidelines

* **Fuel Analysis**

- Calorific Value (ASTM Standard)
- Moisture Content (IS 2362)
- Flash Point & Fire Point (ASTM Standard)
- Volatile Matter (ASTM Standard)
- Ash Content (ASTM Standard)

Research & Development

- Conversion of waste plastic / biomass to liquid fuel
- Bio-Diesel from industrial waste
- Recycling of waste water
- Biogas from kitchen waste
- Agro biomass utilization
- Hazardous waste recycling

