





ENVIRONMENTAL & CIVIL ENGINEERING SOLUTIONS

CIVIL | Environment | Structure
ISO 9001:2015, IES 17025:2017
Testing, Consultancy and
Construction Services

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ABOUT US...

Environmental and Civil Engineering Solutions (ECS) was set up in 2021 with the objective of contributing to the development of the society as well as industries in terms of civil and environmental, resource efficiency, energy management, green infrastructure, better environmental performance and climate change. We are located in Sangli, Maharashtra and we operate in PAN India.

We are a multi-faceted team with an overall experience of more than 25 years in the field of Civil construction. We are experts in energy audits, water audits, air audit, noise audit and solid waste audit. We also certification the institutes

WHAT WE DO...

ECS is a professional consulting firm working in various aspects of the Civil structure and environment section, providing tailor made consultancy services to industry as well as to the society.

Civil construction, repair and maintenance works..

The Indian construction market is expected to grow at a approximately 11% during the upcoming period. Hence the aim of this section is to provide quality civil engineering works along with repair and maintenance. You can approach us even for a small repair work such as a water tap change or a tile change..... Our services includes

- Waterproofing Paving - Flooring & Plastering - Coloring, Plumbing & Carpentry - Interior & Landscaping - Kitchen Otta & Trolley Systems - Fabrication & Electrical - Aluminum Window - POP & Acoustical Celling - Drainage Works - Domestic Appliances Repairs - Planning - RCC design - Building Drawings

Environmental Audit and Carbon footprint..

Green Audit has become a mandatory procedure for educational institutes under Criterion VII of NAAC. National Assessment and Accreditations Council (NAAC) is a self-governing organization that declares the institutions as Grade according to the scores assigned at the time of accreditation of the institution....We provide certification to the client along with a detailed audit report.....Our services includes

- Water Audit -Wastewater audit - Solid waste audit -Energy audit -Ambient air audit -Noise audit -Fire safety audit -Landscape audit -Carbon footprint audit

Energy Efficiency and Management Solutions..

The Industry sector accounts for 40% of the country's total energy consumption. Energy efficient processes and other energy saving measures can bring about considerable savings. An analysis shows that India avoided an additional 15% of annual energy demand and 300 million tons of carbon di oxide emissions between 2000 and 2018 by adopting energy efficiency in industry, agricultural and domestic sectors. However, there is still potential of improvement.

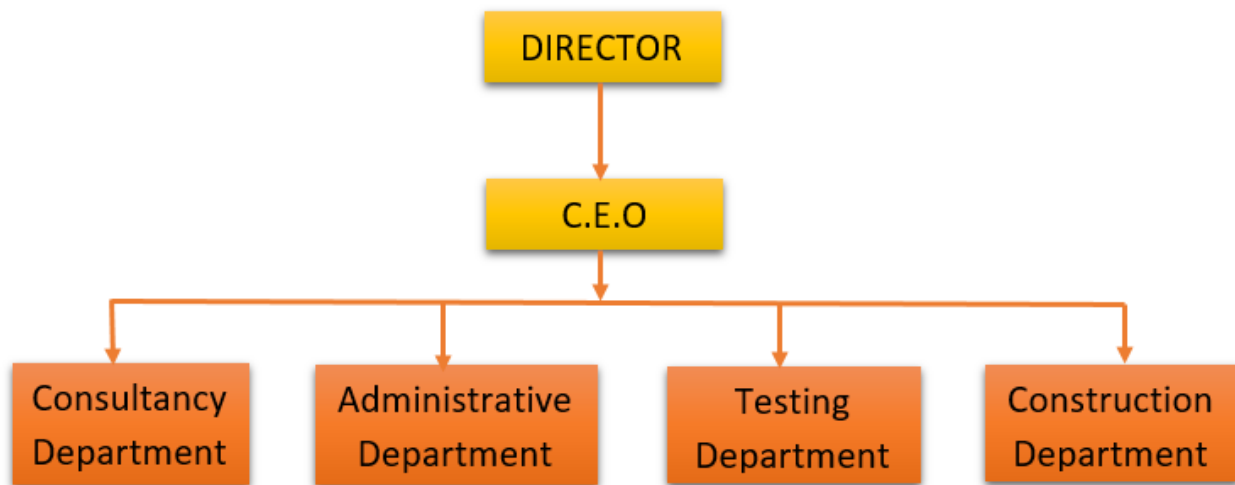
- Energy Conservation solutions -Energy audit - Waste heat recovery

Water Conservation, Water, Wastewater and Waste Management..

According to World Bank, the demand of water for industrial use and power generation is increasing at the rate of 42 per cent per annum. It is clear from different estimates that demand for water in industries has been continuously increasing. Water consumption was overlooked by the industries until recent times, simple reason being the low cost at which water is available.

- Water Audit -Wastewater audit -Solid waste Audit -Sustainable water practices
-Water footprints -Advance water and wastewater treatment systems
-Development of Municipal solid waste management plan -Solid waste management plan for specific sectors

OUR HIERARCHY...



OUR TEAM...

- **Seema N. Kamble, Director**

She is Electronics Engineer with 11+ experience in the area Civil Construction, repair, maintenance works, Energy management and Waste management. She has diversified skill sets covering technical writing, event management and social work.

- **Nikhil N. Kamble, CEO**

He is Civil Environmental Engineer and he is expertise in Environmental Audit, Structure audit and Carbon footprint. He has diversified skills in solid waste management, air and noise monitoring, environmental impact assessment and WTP, STP design.

- **Smithesh Bhat**

He is Civil Engineer and he is expertise Structure audit and administration. He has diversified skills in civil engineering field, planning, design and management.

- Apart from the regular team members we also have a pool of external advisors/consultants having expertise in energy management, waste management, research and advocacy and experts in different manufacturing industries.

OUR SERVICES...

- **CONSULTANCY SERVICES:**

1. Environmental
2. Civil
3. Structure
4. Geotechnical
5. Project management
6. Survey
7. RCC

- **CIVIL SERVICES:**

1. Construction and Renovation
2. Repair and Maintenance
3. Plumbing, Electrification
4. Water proofing
5. Flooring, plastering
6. Coloring
7. Architect and landscape
8. Kitchen trolley system
9. Fabrication
10. POP Celling
11. Rain water harvesting

- **SURVEYING**

1. Drone Survey
2. DGPS Survey
3. Total station survey
4. Bathymetry Survey

- **ENVIRONMENTAL SERVICES:**

1. Water testing
2. Waste water testing
3. Environmental audits
4. Carbon audits
5. EIA
6. Solid waste management
7. Air and Noise
8. Water distribution systems
9. STP and ETP design

- **STRUCTURE SERVICES:**

1. Structural Audits
2. RCC design
3. Health monitoring

- **WASTE MANAGEMENT SERVICES:**

1. Solid waste management
2. Bio Gas Setup
3. Composting
4. Vermicomposting

- **OTHER SERVICES:**

1. MEP Services
2. Energy Audit
3. Retrofitting
4. Job mix Pavement design
5. Valuation
6. Equipment Calibration