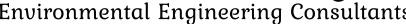






# A & N Technologies Environmental Engineering Consultants

















# **ABOUT US**

We believe that the success of an organization is determined by its ability to innovate, provide robust services at feasible expenses.

We provide a wide range of Environmental Engineering Consulting Services to clients in various sectors. We guarantee that our clientele will receive significance services and we will stand by their procurement for business and strategic account management. Our endeavours are directed towards offering cost effective Environmental Pollution Prevention solutions for all projects with the environmental regulations. We have a resilient and devoted team of environmental experienced professionals with a variety of expertise.

# **CERTIFICATIONS**



Indian Green Building Council Member (No. IGBCCS220098)



ISO 9001:2015 (Quality Management System)



National Accreditation
Board For Education & Training



Indian Green Building
Council Member

## **OUR TEAM**

## M. D. Sanjay Kumar, Chief Executive

has more than 20 years of experience in complete project management, EHS Study, Environmental Impact Assessment Studies, design & Execution of treatment plants, Operation and Maintenance of Wastewater Treatment Systems, Trouble shooting of ETPs, STPs, etc.



## Bhavyashree.P, Team Leader

has more than 10 years of experience in preparation of Project Feasibility Report, Environmental Impact Assessment Studies, EHS and Environmental Management Plan.

## Pushpalatha M, Project Co-ordinator

has more than 6 years of experience in preparation of Project Feasibility Report, Environmental Impact Assessment Studies, EHS and Environmental Management Plan. Also she is an IGBC Accredited Professionals from CII (Confederation of Indian Industry) and ESG (Environmental Social Governance) certified member.

## Roopashree K, Project Co-ordinator

has more than 5 years of experience in preparation of Project Feasibility Report, Environmental Impact Assessment Studies, EHS and Environmental Management Plan.

## WHY CHOOSE US



**Resilient Services** 



**Diligent Team** 





**Work Expertise** 

**Work Quality** 

Feasible Expenses

## **OUR SERVICES**



### Environmental Impact Assessment (EIA)

- Environmental Impact Assessment (EIA) is a process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
- A & N conducts EIA (Environmental Impact Assessment) study for a variety of Infrastructure, Institutions & Industrial projects.
- The approach is to realize both economic and environmental excellence through resource planning, use of appropriate techniques & technologies and disposal of waste.
- A & N Team will involve in Screening, Scoping & Assessment and Evaluation of impacts of projects in various functional areas such as Environmental Sensitivity, Biodiversity, Socio-Economic, Land Use & Land Cover, Risk & Hazard management etc., and interpret the same during review & reporting.



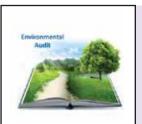
#### **Environmental Management System (EMS)**

- » An Environmental Management System (EMS) is a system and database which integrates procedures and processes for training of personnel, monitoring, summarizing and reporting of specialized environmental performance information to internal and external team of a firm.
- Our Team works on the EMS topics such as Cleaner Production, Waste Management, Life Cycle Assessment, Environmental Impact Assessment, Environmental Management, Environmental Performance & International Standardization.
- » We offer our services in evaluating all the aspects of EMS for the project/Organization.



#### **Green Building & Energy Audit**

- Service to reduce energy consumption, manage costs, minimize impacts on the environment and worker's health and safety.
- Sreen Facilitation for USGBC, IGBC, GRIHA, WELL, EDGE, PEER & PARKSMART Rating.
- » Energy & Lighting Simulation.
- Third Party Building Commissioning.
- » Green-Co rating for existing factories.
- » Carbon footprint study.
- » Sustainability reporting.



#### **Environmental Auditing**

- Environmental Auditing is a determination of the impact on the surrounding environment due to the disposal of Wastewater, Air Emissions, Solid & Hazardous waste generation from any activities which helps in adopting the preventive measures accordingly.
- » Environmental Audit service involves Identification and implementation of the possibilities of waste minimization, waste recovery and recycling of wastes.
- » Auditing comprises of systematic, documented, periodic and objective review of a firm of facility operations and practices related to meet environmental requirements.



#### Sewage Treatment Plant (STP) & Effluent Treatment Plant (ETP)

- » Turnkey solutions (Designing, Erection & Installation) for STPs & ETPs Services will be provided.
- » Operation & Maintenance of Plant will be done.



#### **Environmental Quality Monitoring**

- » Environmental Quality monitoring involves quantification of pollutants in natural environmental aspects like Air, Water, Noise, Land (Soil) in order to evaluate the environmental pollution status.
- Air monitoring involves quantification of Air Quality Parameters such as PM, CO, CO2, NOx & SOx etc., in ambient atmosphere, Stacks from Industries and DG Sets & Vehicular Emission with respect to National Ambient Air Quality Standards (NAAQS).
- » Noise monitoring will be conducted to evaluate the Noise density in reference to Ambient Noise Standards for various types of exposure.
- Soil Monitoring will be conducted in order to evaluate the soil contamination due to any activity.
  A & N provides all kind monitoring services in association with NABL & MoEF&CC recognized Laboratory.



#### **Risk Assessment**

- » A risk assessment is a process to identify potential hazards and analyze what could happen if a hazard occurs.
- Risk assessment helps in prevention of any hazard from occurring.
- » Due Diligence study for hazards likely to occur in the process or project



#### **Air Modelling**

- » Air Quality Modeling Studies for Point Source of Emissions is done using appropriate Model developed by the EPA. Software is used to generate a wide variety of contours and graphics for pictorial representation.
- » Air Quality Modeling Studies for Continuous Source of Emissions is done using appropriate Model.



#### NOC From GWA (Ground Water Authority)

We offer our services for obtaining No Objection Certificate (NOC) from Department of Ground Water Authority for extraction of ground water.



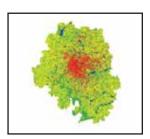
#### **ECBC Simulation & Analysis**

There is a need to adopt energy efficient technologies for conservation of energy in proposed development based on the Energy Conservation Building Code, 2017 and the National Building Code 2016. We undertake services to evaluate the energy performance of a building using appropriate software to achieve enhanced levels of energy efficiency that go beyond the minimum requirements.



#### Life Cycle Assessment (LCA)

» Life Cycle Assessment (LCA) is one of the most common methodologies for quantifying sustainability is life cycle assessment (LCA). An LCA is a systematic analysis of environmental impact over the course of the entire life cycle of a product, material, process, or other measurable activity. LCA models the environmental implications of the many interacting systems that make up industrial production. When accurately performed, it can provide valuable data that decision-makers can use in support of sustainability initiatives. Our team is expertise in conduct LCA from cradle to grave Life cycle Assessment for 60 years' service life.



#### **GIS Mapping**

- » A geographic information system (GIS) is a system that creates, manages, analyzes, and maps all types of data. GIS are computer-based tools used to store, visualize, analyze, and interpret geographic data. Geographic data (also called spatial, or geospatial data) identifies the geographic location of features.
- » Our team is expertise in Desktop level GIS Applications (ArcGIS, Quantum GIS: Basics and Advance); skilled in Mapping & Analysis; i.e. Cartography, Topography, Geodatabase creation & Analysis (applying schema, Topology, subtypes, and domain, error checking), Remote sensing, Satellite image processing, projections transformations, Land-suitability, Spatial Adjustments, Image Classifications, Watershed analysis and catchment area calculations, Network Analysis and Model Builder. Proactive experience in ArcGIS Online and 3D Visualization using ArcScene.

# **OUR CLIENTS**



























































































## **OUR PROJECTS**



Client	M/s. Sattva Developers Private Limited
Status of the Project	Environmental Clearance Obtained (SEIAA 16 CON 2016 dated 28.10.2016)
Location	At Sy. No. 8/1, Sajjepalya Village, Yeshwanthpur Hobli, Bengaluru North Taluk, Bengaluru.

Category B1 (Residential Development).

**Total Built up Area**2,23,551.89 Sqmt

Project Overview Obtained Environmental Clearance with EIA Studies from MoEFCC

& CTE from KSPCB for Residential Building, on a plot area of 11 Acres 36.4 Guntas for total built up area of 2,23,551.89 Sqmt.



Client M/s. RMZ Hotels Private Limited

Status of the Project Environmental Clearance Obtained (SEIAA 154 CON 2018. Dt. 01.06.2019)

Location Bhoganahalli Village, Varthur Hobli, Bengaluru East Taluk,

Bengaluru.

Category B1 (Tech Park Building).

Total Built

up Area 3,05,416.92 Sqmt

**Project Overview** 

Obtained Environmental Clearance with EIA Studies from MoEFCC & CTE from KSPCB for Tech Park Building, on a plot area of 15 Acres 29 Guntas for total built up area of 3,05,416.92 Sqmt.



Client M/s. Adarsh Haven Private Limited
Status of the Environmental Clearance Obtained

Project (SEIAA 126 CON 2018. Dt. 19.07.2019)

Location Gasthikempanahalli Village, Yelahanka Hobli, Bengaluru North

(Additional) Taluk, Bengaluru.

B1 (Affordable Residential Development).

Category B1 (Affordable Re Total Built 4,13,164.59 Sqmt

up Area

Project Overview Obtained En

Obtained Environmental Clearance with EIA Studies from MoEFCC for Affordable Residential Development, on a plot area of 26 Acres 36 Guntas for total built up area of 4,13,164.59 Sqmt.



Client M/s. Prestige South City Holdings

Status of the Project Environmental Clearance Obtained (F. No. 21-82/2016-IA-III. Dt. 12.06.2018)

Chikkabidarakallu Village, Dasanapura Hobli, Bengaluru North

Taluk, Bengaluru.

B1 (Residential Development - "Prestige Jindal City" ).

5,89,596.52 Sqmt

**Project Overview** 

Location

Category
Total Built

up Area

Obtained Environmental Clearance from MoEFCC with EIA Studies & CTE from KSPCB for Residential Development - "Prestige Jindal City", on a plot area of 33 Acres 13 Guntas for total built up area of 5,89,596.52 Sqmt

## **CONTACT US**

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