

25 years of
Excellence



Bhagavathi Ana Labs Limited

Environmental Engineers, Consultants,
Analytical Chemists & Technical Service Providers

www.bhagavathianalabs.com

Corporate Profile

Bhagavathi Ana Labs Limited (BHAGAVATHI) is a professional services company providing Environmental Consultancy, Environmental Engineering, Analytical and Quality testing, Water Resource Studies and Technical Training.

Since inception in 1984, BHAGAVATHI has completed number of projects spread all over India. This depth and breadth of experience has established BHAGAVATHI as a leader in providing Technical services.

BHAGAVATHI's strength lies in its highly qualified and experienced technical personnel across India. The highly qualified professionals and technicians include Environmental Engineers, Environmental Scientists, Environmental Planners, Chemists, Mining Engineers, Geologists, Hydro Geologists, Economic and Social Science specialists etc.,

BHAGAVATHI has earned the trust of its clients by providing timely and proactive services by focusing on their needs and time schedules.

BHAGAVATHI is ISO 9001:2008 company and is accredited by & registered with:

- ISO 9001:2008
- Ministry of Environment and Forests (MoEF), Govt. of India
- NABET, Quality Council of India accredited EIA consultant Organization
- National Accreditation Board for Testing and Calibration Laboratories (NABL) as per ISO/IEC 17025:2005 in CHEMICAL, MECHANICAL & BIOLOGICAL fields
- Export Inspection Council (EIC)
- Bureau of Indian Standards (BIS), New Delhi
- Various State Pollution Control Boards (India)
- Indian Green Building Council (Membership No. CS-1325)
- Nigerian Import Export Certification Council (SONCAP, KUCAS)
- Director General for Quality Assurance (DGQA)
- RITES

Our Divisions



ISO 9001 : 2008



ISO 17025-2005



NABET



Ministry of Environment & Forests
Government of India



Indian Green Building Council

Environment



ENVIRONMENTAL STUDIES

- ☞ Environmental Impact Assessment (EIA)
- ☞ Environment Management Plan (EMP)
- ☞ Comprehensive Environment Impact Assessment (CEIA)
- ☞ Regional Environmental Impact Assessment (REIA)
- ☞ Carrying Capacity Studies
- ☞ Environmental Liability Studies
- ☞ Ecological & Human Health Risk Assessment Studies
- ☞ Disaster Management Plan (DMP)
- ☞ Risk Assessment Studies (RAS)
- ☞ Resettlement & Rehabilitation Studies
- ☞ Socio-Economic Studies
- ☞ Wild-life Management Plans
- ☞ Meteorological Studies
- ☞ Hydrogeological Studies
- ☞ Solid Waste Management Studies
- ☞ Hazardous Waste Management Studies
- ☞ Occupational Health Studies
- ☞ Indoor Air Quality and Ventilation Studies
- ☞ Survey & Preparation of Mining Plans
- ☞ Ground Vibration Studies for Mines
- ☞ Gravimetric Dust Sampling for Mines
- ☞ Design, Erection and Commissioning of STP's & ETP's
- ☞ Operation & Maintenance of STP's & ETP's
- ☞ Environmental Audits
- ☞ Energy Audits
- ☞ Health & Safety Audits

ENVIRONMENTAL MONITORING

Air Quality

- ☞ Air Pollution Monitoring & Analysis
- ☞ Air Quality Modelling
- ☞ Stack Emission Measurements
- ☞ Performance Guarantee Tests for Air Pollution Control Equipment viz., Cyclones, Dust Collectors & Wet Scrubbers etc.

Ambient Air Quality as per Latest Statutory Guidelines

- ☞ PM₁₀, PM_{2.5}, SO₂, NO_x, Ozone, Methane, Carbon monoxide, Hydro Carbons, Benzene, Benzo- Pyridine, Ammonia; Lead, Mercury, Arsenic, Nickel, etc.
- ☞ VOCs

Water Quality

- ☞ Water Quality Monitoring
- ☞ Water Quality Modelling (WQM)
- ☞ Water Sampling & Analysis
- ☞ Flow Measurements

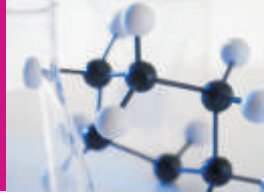
Waste Water

- ☞ Discharges & Effluent Characterization
- ☞ Performance study of Treatment Plants (ETP & STP)

ENVIRONMENTAL ANALYSIS

- ☞ Soil, Effluents & Water Testing
- ☞ Solid Waste Characterization & Analysis
- ☞ Hazardous Waste Characterization & Analysis
- ☞ Used Oil Analysis
- ☞ Leachate Studies
- ☞ Bio Diversity Studies
- ☞ Volatiles & Semi-Volatiles (in Air, Water & Waste)
- ☞ Dioxins & Furans
- ☞ Gas Monitoring & Analysis

Analytical Testing



MECHANICAL | CHEMICAL | MICROBIOLOGICAL

FOOD & AGRI PRODUCTS

- ☞ Milk & Dairy, Sea Food & Meat, Poultry & Egg
- ☞ Beverages, Bakery & Confectionary, Coffee & Tea
- ☞ Cereals, Pulses & Flours, Spices & Condiments
- ☞ Food Additives & Supplements, Flavors & Fragrances, Packed & Processed Food
- ☞ Edible Oils, Honey, Infant Foods
- ☞ Vegetables & Fruits, Plant Extracts & Herbal Products,
- ☞ Animal & Pet Food

WATER

- ☞ Packaged Drinking & Natural Mineral Water
- ☞ Water for - Food Industry, Agricultural Purpose, Boiler, Construction & All Industrial Purposes

ORES, MINERALS & ROCKS

- ☞ Iron Ore, Lime stone, Dolomite, Laterite, Bauxite, Magnetite, Calcite, Quartz, Granite, Feldspar, Soap Stone, Beach Sand, Rock Phosphate, Rare Earths, Gold & Platinum Ores

STEEL, METAL & ALLOYS

- ☞ Cast Iron, Plain Carbon Steels, Low Alloy Steel, Tool Steel, Stainless Steel
- ☞ Non Ferrous Metals & Alloys, Copper, Lead, Zinc, Solder, Brass, Bronze and more

FUELS/PETROLEUM PRODUCTS

- ☞ Coal, Coke, Lignite, Husk, Ash
- ☞ Diesel, Petrol, Kerosene, LPG, Natural Gas
- ☞ Light Diesel Oil (LSD), High Speed Diesel (HSD), Aviation Turbine Fuel, Transformer Oil

BUILDING MATERIALS

- ☞ Cement, Clinker, Granulated Slag, Fly-ash
- ☞ Bricks & Aggregates, Tiles, Nuts & Bolts,
- ☞ Flush & Plywood Doors, Hand Pumps,
- ☞ TMT Bars, HDPE, PVC & SWG Pipes

OTHERS

- ☞ Materials used for Roads & Railways
- ☞ Automobile Components, Tyres, Glass
- ☞ Textiles, Rubber, Plastic & Polymers
- ☞ Electrical Components, Toys, Paints
- ☞ Utensils & Cookware
- ☞ Packaging Materials
- ☞ Pesticides, Insecticides, Biocides & Disinfectants
- ☞ Soil, Fertilizers, Chemicals & Solvents, etc.

DRUGS & COSMETICS

REACH & ROHS COMPLIANCE

Technical Training



Technical Training Division provides hands-on training on latest techniques and equipments of International Standards to meet ever growing needs of industry in the fields of Environment, Quality Control and Analytical Testing.

The programmes are designed for entry-level graduates as well as advanced professionals in Environmental Studies, Quality Control & Quality Assurance Specialists, Environmental Scientists / Engineers, Analytical Chemists and Clinical Analysts etc.

TRAINING MODULES

- ☞ General Lab Techniques and Instrumentation
- ☞ GC / GC - MS / GC - MS - MS Operation
- ☞ HPLC Operation
- ☞ LC - MS / LC - MS - MS Operation
- ☞ ICP-OES / ICP - MS Operation
- ☞ Water and Waste Water Quality Techniques
- ☞ Environment Monitoring Techniques
(Ambient Air, Stack, Noise, Water & Soil)
- ☞ Quality Systems implementation such as ISO 17025:2005, ISO 9001:2008, ISO 14000 & ISO 18001, HACCP
- ☞ Bhagavathi offers tailored trainings to - Pharma & Life Sciences, Clinical Research, Food Processing and Dairy Industries, Cement, Power, Steel & Mining Sectors

Indoor Air Quality



INDOOR AIR QUALITY – CONVENTIONAL STUDIES

- ☞ Industrial Workplace Monitoring
- ☞ Occupational Health & Safety Studies
- ☞ Personnel Monitoring
- ☞ Personnel Monitoring in Mines as per DGMS Guidelines
- ☞ Illumination Studies
- ☞ Outdoor Environmental Monitoring
- ☞ Emissions Monitoring
- ☞ Filter Testing
- ☞ Clean Room Monitoring
- ☞ Ventilation Studies
- ☞ Consultancy for improvement of Indoor Air Quality as per Building Structure and HVAC System

MONITORING OF INDOOR AIR QUALITY AS PER ASHRAE/EPA STANDARDS

- ☞ Temperature
- ☞ Relative Humidity
- ☞ Air Movement
- ☞ Ventilation (CO_2)
- ☞ Particle Concentration in cleaned HVAC System
- ☞ Air Borne Particles
- ☞ Ultrafine Particles
- ☞ Carbon Monoxide (CO)
- ☞ Formaldehyde (CHCO)
- ☞ Benzene (C_6H_6)
- ☞ Ozone (O_3)
- ☞ Hydrogen Sulphide (H_2S)
- ☞ Ammonia (NH_3)
- ☞ Nitrogen Dioxide (NO_2)
- ☞ Free Silica with FTIR
- ☞ Volatile Organic Compounds (VOCs)
- ☞ Particulate Matter (Respirable)
- ☞ Biologicals - Bacteria, Fungi Count, etc.

Mining Services



PROVIDING A TO Z MINING SERVICES & LOGISTICS

- ☞ Prospecting License (PL)
- ☞ Topo Survey
- ☞ Prospecting
- ☞ Exploration/Drilling
- ☞ Logging and Chemical Analysis
- ☞ Estimation of Reserves
- ☞ Mining Plan
- ☞ Mining Scheme
- ☞ Mine Closure Plan
- ☞ Pre-feasibility Study
- ☞ Feasibility Study
- ☞ Analysis and Preparation of DPR etc.
- ☞ Mine Evaluation
- ☞ Techno-Economic Analysis
- ☞ Application for Mining Lease
- ☞ Follow up for Mining Lease
- ☞ Environmental Clearance
- ☞ Forest Clearance
- ☞ Consent for Establishment
- ☞ Consent for Operation
- ☞ Geo-Technical Studies
- ☞ Hydro-Geological Studies
- ☞ Vibration Studies
- ☞ Post Project Impacts Monitoring
- ☞ Environment Management Plan

Identification of Buyers and Sellers for Mines

Identification of suitable personnel for mining industry





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