

SOME OF OUR ESTEEMED CLIENT



Laboratory Building & Working Premises



ORBITAL INFRASTRUCTURE CONSULTANCY & RESEARCH PRIVATE LIMITED

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ORBITAL INFRASTRUCTURE CONSULTANCY & RESEARCH PRIVATE LIMITED



An ISO:9001:2008 Certified Consultancy Company



NABL Accredited Laboratory



ORBITAL

**30 Years old Premier
Civil Engineering Consultancy
Organisation of Odisha**

BACKGROUND OF COMPANY

The Orbital Infrastructure Consultancy & Research Private Limited a leading multi disciplinary consultancy organization staffed with highly qualified and experienced consultants in fields of Engineering Survey, Design, Planning, Geo-technical & Physical Investigation, Third party Construction material laboratory testing and Environmental consultancy services. Company has gained the reputation as oldest and most trusted organization in Civil Engineering in the state of Odisha.

It provides services in the respective fields for last 33 years. The company has in addition, associated with numbers of highly experienced, National and International famed Consultants, Consultancy Companies and Research & Academic Institutions. The company operates each division through experts in the concerned field. The experts are members of a large number of professional bodies in the relevant of their expertise like Indian Road Congress, Institution of Engineers of India and Indian Building Congress.

The company has on its roll highly experienced Civil Engineers, Engineering Geologist, Environmental Engineers, Drilling Engineers, Surveyors and skilled & experienced people.

MANAGING DIRECTOR'S VOICE:



O.I.C.R. (P) Ltd., has recorded phenomenal growth in a short span of time for its sincere and errorless work. Our engineers have successfully delivered thousands of jobs. Orbital is now poised to take up projects of even larger magnitudes

SERVICES OFFERED

- ▶ **Structural Design, Planning, D.P.R. & Feasibility Report**
- ▶ **Engineering Survey**
 - ▶ Topographical & Contour Survey
 - ▶ Hydrological Survey
 - ▶ Hydro-Geological Survey
- ▶ **Geo-Technical & Physical Investigation**
 - ▶ Off-shore & on-shore Sub-Soil Exploration & Rock Core Drilling by Rotary & Hydraulic Rigs.
 - ▶ Sounding Test : S.P.T. & D.C.P.T.
 - ▶ Static Cone Penetration Test (S.C.P.T.)
 - ▶ Collection of Undisturbed soil samples in both Clay & Sandy soils.
 - ▶ Block Vibration Test
 - ▶ Pressure Meter Test
 - ▶ Vertical & Lateral Pile Load Test
 - ▶ Cyclic / Plate Load Bearing Test
 - ▶ Peizometer Installation
 - ▶ Field Permeability & Water Loss Test
 - ▶ Field Density & Field CBR Test
 - ▶ Field Vane Shear Test
 - ▶ Benkelman Beam Test
 - ▶ Extraction of Core from Concrete and Bituminous Surface
 - ▶ Seismic Refraction & Cross hole shear wave Test
 - ▶ Electrical Resistivity Test
- ▶ **Laboratory Tests**
 - ▶ All types of foundation Soil & Rock samples
 - ▶ Cement & Lime ▶ Aggregates ▶ Bricks
 - ▶ Steel ▶ Bitumen ▶ Bentonite
 - ▶ Concrete ▶ Concrete Admixture ▶ Wood & Timber
 - ▶ Tiles ▶ Fly Ash & Pozzolana
 - ▶ Environmental Analysis for Water & Air
 - ▶ Environmental Impact Analysis

▶ Non-Destructive (NDT)

- ▶ Pile Integrity Test
- ▶ Rebound Hammer Test
- ▶ Rebar Location
- ▶ Corrosion Analysis
- ▶ Flaw Detection
- ▶ Ultrasonic Pulse Velocity Test



**NABL Accredited
Laboratory
in Chemical &
Mechanical Stream**

MEN AT WORK

Geotechnical Investigations



Engineering Survey



Laboratory Investigation



Non-Destructive Test

