



IDAX CONSULTING & RESEARCH PVT. LTD.

(AN ISO 9001:2015 CERTIFIED COMPANY)

CIVIL ENGINEERING CONSULTANCY & QUALITY CONTROL LABORATORY

Dynamic, Versatile and Fast Growing:

IDAX Consulting & Research Pvt. Ltd. is one of the Fully Empowered Engineering Consultancy & Ultra Modern Quality Control Laboratory.



GEOTECHNICAL



SURVEY



TESTING LAB



DRONE



DESIGN ENGG.



TRAINING



PMC

ENGINEERING EXCELLENCE

through ...

INNOVATION
INNOVATION

ABOUT US

IDAX Consulting & Research Pvt. Ltd. was established in the year 2010 as a proprietorship firm of one room office with single employee to a large corporate with more than 100 employees at Bhubaneswar, Odisha, India. IDAX is the brain child of Er. Deepak Kumar Mallick, B.Tech (Hons.) in Civil Engg. from IIT Kharagpur. IDAX is a well-equipped Ultra-Modern Quality Control Laboratory with latest infrastructures, which is supported by highly advanced equipment, computers, software, Qualified Engineers and Research Personnel to carry out Civil, Mechanical, Electrical and Environmental Projects.



Our major services includes Geotechnical / Soil investigation, Drone, Topographical & DGPS Survey, Construction Material Testing, Non-destructive Testing, Design Engineering, Project Management, Industrial Training and Certifications.

We have Pan India experience of project execution and have successfully, safely and efficiently delivered multiple projects to our esteemed clients. More than Ten years into premier consulting organizations, we believe it is always the core values of trust, respect and integrity that creates value. At IDAX, we aspire to excel every day, steadfast in our goals to achieve **"Excellence through Innovation"**. We are working hard towards transforming IDAX into a global civil engineering consulting firm.

"Our approach is Uniform, Uncompromising Quality, Time Bound, Commitment to Client Satisfaction and Personal Attention to Relationships with everyone We Work with."

ADVISORY BOARD



Mr. D.P. Dhal (Retd. IAS) :

Mr. D. P. Dhal a retired bureaucrat of Government of Odisha has long 40 years of experience in the field of Rural Development, General and Revenue Administration, Industry, PSUs, PRIs, Grievance Redressal and Management. After retirement he served for 4 years as Member and Chairman of a Government recruitment Commission. He believes that sustainable development could be possible through proper education and development of communication.



Mr. Brahmananda Mishra :

Mr. Mishra is an exceptional technocrat, an outstanding organizer, an inspiring leader and an astute crisis manager. In his 27 year career in SAIL, Rourkela Steel Plant, He won the Jawahar Award for the year 2004, the highest award for executives of SAIL. He is the Chairman of Bait Logitech Pvt. Ltd. He received BE in Mechanical Engineering from UCE, Burla and M.Tech from NIT, Rourkela.



Mr. Bimal Krushna Mishra :

He is a graduate in Mechanical Engineering from UCE, Burla and done his MBA in HR & Marketing from XIMB, Bhubaneswar. He was Sr. Vice President of RSB Metaltech Pvt. Ltd. and was heading the upcoming Integrated Aluminum Project in Odisha. He has a long work experience with Deepak Fertilizers & Petrochemicals Corporation, Ortel Communications, Mesco Steels, Cummins India and Jackson.



Mr. Debasis Ray :

Mr. Debasis holds BE in Electronics Engineering and PGDBM from XIMB. He is the CEO and Managing Director of Odyssey Advance Telematics Systems (OATS), a well known name in the Telecom domain since 1993. He has vast experience in Integrated Telecom Project Management from basic Telephony, Radio Telephony, VSAT, GSM, WiLL, CDMA, 3G, 4G LTE installations, Optical Fiber Networking, O&M services for BSNL, Reliance & Airtel.

OUR EXPERTISE

- Ultra Modern Quality Control Laboratory with latest Infrastructure facility and Advanced Equipment for Quality Control & Research.
- 2Lakh+ Rmt. of Geotechnical Investigation & 1 Lakh+ Acres of Survey Experience.
- 1000+ Infrastructure Projects, 10000+ KM Corridor/Pipeline/ Sewerage/UG Cable.
- 500+ Telecom Towers, 5000+ MW Solar Power Projects Experience.

MISSION & VISION

- To encourage innovation, professional integrity, upgradation of knowledge and skills of employees, maintain a safe and healthy working environment.
- To adopt latest technologies to achieve the highest possible standards at par with global leaders.
- To be an internationally respected Consulting & Quality Control Laboratory firm committed to quality, time, customer satisfaction and continuous improvement.
- To be responsible and sensitive to the country, communities and environment.

TEAM IDAX

Er. Deepak Ku. Mallick
Founder & Chairman



B.Tech (Hons.) in Civil Engineer from Indian Institute of Technology (IIT Kharagpur). He has initiated the journey of Idax from room office with one employee to a large corporate with more than 100 employees. Er. Mallick has spearheaded the creating of a national level quality control laboratory and consulting company. He is an energetic, dynamic, risk taker and go-getter leader. He is a visionary and having entrepreneurial spirit for growth and creating value for the organization and the society. During his academic career he was an excellent student, gold medalist and in his professional career he was always an outstanding performer. He has received many awards and certificates from various national and international organizations in different fields for his technical expertise and leadership.

Maj. Gen. R.C. Padhi
Director - Projects



Former Additional Surveyor General, a decorated Indian army veteran from corps of Engineers, holds bachelors degree in Civil Engineering from National Institute of Technology, Rourkela and M B A in Disaster Management. He has undergone post graduate level courses in Survey Engineering, Advanced Photogrammetry & Remote Sensing from Indian Institute of Surveying & Mapping (IISM), Hyderabad, LiDAR technology from IIT Kanpur. He is a founding member and Vice President of Survey And Mapping Association (SAMA), India. Major General has rich experiences of more than 40 years in Survey.

Er. Tarun Sahoo
CEO



B.Tech in Civil Engineering and Post Graduation from National Institute of Construction Management and Research, Pune. Prior to joining IDAX, he has worked in several top managerial positions with leading organizations. He managed significant large value and prestigious Infrastructure projects in India & Abroad. He has rich experience in handling large value infrastructure projects. He has a proven track record of driving revenue growth and profitability through his strong result orientation and delivery focus. As a part of the leadership team he has represented the company at various global forums.

Er. Purnendu Pattnaik
Operation-International Business



B.Tech (Hons.) in Ocean Engineering & Naval Architecture from IIT Kharagpur and holds a Masters Degree in Mechanical Engg. from National University of Singapore. He has been with us from past 8 years and leads our operations out of Singapore office, helped us to grow and expand our engg. capabilities. Currently he is looking into expanding our operations in South East Asia Pacific regions, mainly into emerging markets in Myanmar, Cambodia, Laos and Papua New Guinea. He has worked in several top managerial positions with leading Oil & Gas companies such as Technip (France), Tanker Pacific Offshore Terminal Pte Ltd. (Singapore), Aker Marine Contractors US Inc., InterMoor (USA).

Iswarama Panda, MBA, Director - Finance & HR
(10+ Years of Corporate Experience)

B.C. Mallick, Ex Banker, Director - Finance
(40+ Years of Banking Experience)

KEY PERSONNEL

SOIL / GEOTECHNICAL

Er. Smile Sahoo, B.Tech – Civil
(5+ Years Exp in Geotech. Engg.)

Jayanta Sahu, Diploma – Civil
(20+ Years Exp in Geotech. Engg.)

Bikash Mallick, Diploma – Civil
(10+ Years Exp in Geotech. Engg.)

QC / LABORATORY

Er. Samit Nayak, M.Tech – Civil
(2+ Years Exp in QC LAB & NDT)

Er. Suman Mohanty, B.Tech–Civil
(4+ Years Exp in SOIL LAB)

Er. Suryasnata Baral, B.Tech
(2+ Years Exp in SOIL LAB)

SURVEY / DRONE

Er. Sushanta Barik, B.Tech – Civil
(5+ Years Exp in Survey Engg.)

Er. Pooja Dey, B. Tech - Civil
(3+ Years Exp in Survey Engg.)

(Er. Pratiksha Mohanty, Diploma
(5+ Year Exp in Survey Engg.)

FIN / HR / BUSINESS DEV

Akshaya Kumar Raj, MBA
(10+ Years Exp in Business Dev)

Rabi Narayan Masanta, B.Com
(10+ Years Exp in Finance)

Bijaylaxmi Rout, B.Com
(3+ Years Exp in HR & Admin)

STRENGTHS

SOIL: Hydraulic Rigs- 2Nos. (upto 100m Drilling), Calyx Rigs- 7Nos. (upto 60m Drilling), Surging Rigs- 6Nos.

SURVEY: Drone- 2Nos., DGPS- 2Nos., Total Station- 10Nos., Auto Level- 4 Nos., Softwares- 10Nos.

LABORATORY: AIMIL LAB Instruments, MEGGER, PDI, SOKKIA, DJI, ORIONE Field Instruments.

HUMAN RESOURCES: Design Engineers- 12Nos., Project Engineers- 30Nos., Field Engineers- 30Nos., Others-25 Nos.

SERVICES

GEOTECHNICAL / SOIL INVESTIGATION



Sub-soil Exploration, Standard Penetration Test (SPT), Open Trial Pits (OTP), Field California Bearing Ratio Test (FCBR), Ground Penetrating Radar (GPR), Static Cone Penetration Test (SCPT), Dynamic Cone Penetration Test (DCPT), Plate Load Test, Pile Load Test (Vertical, Lateral & Pull Out) Electrical Resistivity Test (ERT).

MATERIAL TESTING LABORATORY / QUALITY CONTROL & NDT



Quality Control Laboratory, Soil & Rock Testing, Construction Material Testing (Concrete, Steel, Cement, Sand, Aggregate, Soil, Wood, Aluminium), Design Mix of Concrete & Bitumen, Bitumen / Asphalt / Pavement Testing, Non-destructive Testing (NDT), Rebound Hammer, Ultrasonic Pulse Velocity, Corrosion Analysis, Rebar Locator.

PROJECT MANAGEMENT CONSULTANCY



Supervision of Construction Projects, Quality Checking & Inspection, Construction Drawing Checking & Approval, Project Planning & Co-ordination, Project Scheduling, Daily Progress Report, Weekly Progress Report, Monthly Progress Reports, Project Review and Expedite. Project Commissioning, Project Facilitation & Liasoning.

INDUSTRIAL TRAINING & CERTIFICATION



Industrial Training Programme, Skill Development, Employment Awareness Training, Start-Up Training, Certification Programme, Institution & University Training Programme.

ENVIRONMENTAL MONITORING & ANALYSIS



Water Quality Analysis, Air Quality Monitoring & Analysis, Chemical Analysis of Metals, Chemical Analysis of Non-metals.

SURVEY



Topographic Survey, Drone Survey, Hydrographic / Bathymetry Survey, DGPS Survey, GIS, Plan, LS, CS & Contour, Volume Calculations, Land Schedule & Digitization, Traffic Survey.

DESIGN ENGINEERING CONSULTANCY



Design & Detail Engineering, Structural Stability & Certifications, Tendering, Estimation & BOQ, Construction Drawings, HVAC, Fire Fighting.

SECTORS WE WORK

- Architecture, Town Planning, Urban Infrastructure, Buildings, IT Park & Smart Cities.
- Highways, Railways, Metro Rail, Inland Water Ways, Urban Transport and Bridges.
- Infrastructure, Pipeline, Power Transmission, Telecommunication & UG Cable.
- Airports, Harbours, Jetty, Irrigation, Rivers, Water Supply, Sewerage & Solid Waste.
- Power & Energy, Oil & Gas, Renewable Energy, Nuclear, Chemical & Industrial.
- Mining, Minerals, Steel Plant, Pellets, Crushers, Coal, Washery & Metallurgical.

	GEOTECHNICAL	SURVEY	QC & NDT	DESIGN	PMC	TRAINING	ENVIRONMENTAL
	★	★	★	★	★	★	★
	★	★	★	★	★	★	★
	★	★	★	★	★	★	★
	★	★	★	★	★	★	★
	★	★	★	★	★	★	★
	★	★	★	★	★	★	★

Number of Projects Executed : < 10 ★ 10 - 50 ★ 50 - 100 ★ > 100 ★

PROJECTS



Location: Balasore, Baripada, Koraput, Puri, Bolangir, Keonjhar, Bhawanipatna.

Project: Geotechnical Investigation, Survey, ERT and Material Testing for 7 Medical College Projects across Odisha.

Clients: L&T, Shapoorji Pallonji & Company Pvt. Ltd., Tata Projects Ltd.



Location: Odisha, Telangana (Khammam), Jharkhand (Dhanbad, Hazaribag, Deoghar, Dumka, Chas).

Project: Geotechnical

Investigation, Survey, DRONE & QC for Water supply projects in India.

Clients: AECOM, Egis, TCE, Voltas, POSCO India, NCC, IVRCL, Wabag, Iron Triangle, LC Infra, OWSSB, VA-TEC, L&T, Darashaw.



Location: Odisha, Manipur, WB, Maharashtra.

Project: Geotechnical Investigation, Survey, Corridor Survey, ERT

for S/S & Transmission Projects of 11KV / 33KV / 132 KV / 220 KV/ 400KV capacity across India for PGCIL, OPTCL, WBSEDCL & MSEDCL.

Clients: ABB, Toshiba, Sterling & Wilson, Tata Projects Limited, L&T, Gupta Power, SEL.



Location: Odisha, Rajasthan, Gujarat, Telangana, AP, MP, UP, Karnataka, Tamilnadu, Chhattisgarh, Assam, Uttarakhand.

Project: Geotechnical Investigation, DGPS & ERT for Solar Power Projects across India.

Clients: ReNew Power, ACME, Orange Solar, Enerparc, Jakson, Juniper Green Energy, Essel Infra, Gensol, Azure Power, Solaire Direct, NTPC.



Location: Odisha, AP, MP.

Project: Geotech, Drone, Survey & QC for Residential, IT Hubs, Commercial,

Ware Houses, Institutional, Slum Housing, Smart City, Precast Bldg, Tourism Cluster, Showrooms.

Clients: Mercedes-Benz, MES, DLF, Wipro, L&T, Surbana Jurong, SBI, Andhra Bank, PRECA, Shapoorji Pallonji & Co, NBCC, INI Design.



Location: Odisha, Tamilnadu, Bihar, Jharkhand, Maharashtra, Goa.

Project: Geotechnical Investigation, Survey &

QC for different Roads, Bridges, Railways, Metros, Ports, Airports, Jetty, Bullet Train, Shipyards, Mass Urban Transport System.

Clients: Airport Authority of India, Voyants, Ashoka, Buildcon, RITES, L&T, Clarke Energy.



Location: Odisha, MP, Gujarat, Rajasthan, AP, Karnataka, Chhattisgarh

Project: PMC, Drone Survey, QC, Geotech Investigation & Survey for Industries & SEZ.

Clients: IOCL, Cairn Energy, Aditya Birla, PPL, RITES, TATA Steel, JSPL, JSW, JSL, Vendanta, Bhusan Steel, Shahi Exports, Anmol Biscuits, Thyssen Krupp, NISSIN Foods, Harsco, Dalmia Cement, Savcor, Alstom, Ducon, SMS Siemag.



Location: Pan India

Project: Geotechnical Investigation, Survey,

Non-Destructive Test (NDT) and Material Testing for Telecom Towers.

Clients: Bharti Airtel, Reliance JIO, American Tower Corporation (ATC) and Emerson Networks.

DOMESTIC CLIENTS



INTERNATIONAL CLIENTS



CERTIFICATIONS



Corporate Office : Plot No.- 5016, Duplex- E, Brundaban Enclave, VSS Nagar, Bhubaneswar, PIN-751007, Odisha, INDIA.

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