



In Within and Beyond Design & Consulting Tech LLP

Enhance industrial infrastructure with

- LEAN PLANNING
- VALUE ENGINEERING
- CAPITAL COST OPTIMISATION
- ARCHITECTURAL CONSULTING
- LEASED SPACE INTEGRATIONS



IGBC Certified
Indian Green Building Council



About Us

In Within and Beyond Design and Consulting (IWBDC Tech LLP) with 50+ years of combined experience, specialises in Greenfield and Brownfield industrial projects, delivering integrated solutions for Civil & MEP that drive business growth and operational excellence. As a trusted partner, our process-driven approach supports stakeholders across the value chain, ensures seamless execution, compliance, and lasting impact.

iPDS as a strategic tool for industrial infrastructure

Infrastructure & Strategic Challenges

Need of baseline requirement validation, resulting in cross-over between critical and optional features.

Incomplete workflow analysis, complicating project planning & execution.

Inaccurate budgeting resulting in project scope deviations, scope creep, and financial discrepancies.

Gaps in communication, co-ordination leading to qualitative and quantitative mismanagement.

Understanding compliance and sustainability considerations, essential for long-term success.

Awareness of IT solution integration, which can streamline workflows and enhance efficiency.

Integrated Project Delivery Solutions (iPDS)

 **Master Planning - Lean & VSM**

 **Infrastructure Cost Validation**

 **Factory Fit-Out for Leased Spaces**

 **Infrastructure Design to Delivery (Architectural, Structural & MEP)**

 **Power Quality Analysis & Energy Efficiency Solutions**

 **Corporate Workspace Planning**

 **Industry 4.0 Integration**

 **IGBC Audit & Certifications**

Industries We Serve

iPDS is designed for industries seeking a reliable partner for end to end solutions for their infrastructure planning and design requirements.



Automobile



Manufacturing



Pharma



Plastics



Data Centres



Oil & Gas



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projects@iwbdc.com



www.inwithinandbeyond.com

The Team



Anupama Kanbur

CEO

As the Founder of IWBDC Tech LLP, brings over 25+ years of expertise in civil engineering and industrial infrastructure. She has successfully led numerous greenfield and brownfield projects across manufacturing sectors, IT and data centres and delivered tailored solutions that align with industry-specific needs.

Shrikant Adam

CTO

As the CTO of IWBDC Tech LLP, Shrikant brings 20 years of extensive experience in executing turnkey industrial projects and corporate interiors. His expertise lies in end-to-end project execution, encompassing planning, resource management, and seamless coordination.



Anand Prakash

Director, MEP

Anand brings 20+ years of technical expertise in industrial & commercial MEP Project Design Consultancy & Project Management. He specializes in delivering precise, efficient, and innovative MEP (Mechanical, Electrical, Plumbing, and Fire) designs tailored to meet the unique requirements of every project.

Smideep Nair

Director, IT

Smideep has over 25+ years of delivering integrated solutions for IT Security, DevSecOps, Hardware and Software Configuration, as well as Problem & Incident, Change, Lifecycle, and Quality Management, with core expertise in dedicated lab space design and customisation for IoT monitored testing.



Tanmay Upare

Architect

Tanmay brings in 13+ years of experience in architecture, continuing a third-generation legacy. He specialises in economic & efficient design for industries like automobile, chemical, textile, agricultural, and food sectors, delivering practical solutions tailored to diverse industrial needs.

Steven Carnes

Consultant EU, Advisory

Steven is a globally experienced hands-on consultant with 30+ years across advanced manufacturing, automation, renewables as well as aerospace & life sciences. He is based in the EU and is the advisory for IWB across Europe, India, and EMEA.



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Service Portfolio



PROJECT & COST
CONSULTING



DESIGN
ROADMAP



VALUE
ENGINEERING



ARCHITECTURAL &
STRUCTURAL DESIGN



MEP & HVAC
DESIGN



FIRE FIGHTING &
SAFETY SOLUTIONS



RENEWABLE
ENERGY SOLUTIONS



WORKSPACE
PLANNING



GREENSCAPES
DESIGN



IGBC
GREEN BUILDING ACCREDITATION



LEASED SPACE PLANNING & REFURBISHMENTS



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Project & Cost Consulting:

- Collection, validation & micro analysis of functional requirements, user specific utilities, processes & logistics.
- Validation for compliances as per the industry regulations.
- Optimisation of infrastructure and utility requisites.
- Incorporation of sustainable technologies.
- Strategic scope definition to establish project boundaries.
- Design optimisation & Price Benchmarking.
- Budgetary estimation for Investment planning.
- Fine tuning of estimations.
- Identifying investment benchmarks, sequencing and planning.

Design - Audit - Certifications:

Architectural:

- Concept validation and formulation.
- Master layout, building plans, structural analysis and design.

MEP & Fire Fighting Systems:

- Utility requirement validation and design.
- HT & LT distribution design.
- Evaluation and design HVAC system.
- Clean room design.
- Fire fighting requirement validation as per statutory compliances.
- Upgradation of existing systems.

Audits:

- Power quality analysis and Energy Audit & Energy conservation.
- Inspection and rectification for existing systems.

Renewable Energy & IGBC Certifications:

- Renewable energy solutions.
- IGBC documentation & certification.

Industry 4.0 & IIoT integrations:

- Plug and Play smart infrastructure designed for Industry 4.0
- AI Enabled digital transformation for live agentic dashboards, production process monitoring and smart maintenance.



Leased Space Integration:

- Assessing industry-specific Civil/MEP/Utility requirements beyond the basic infrastructure.
- Providing optimal solutions and budgeting.
- Single point of contact between stakeholders for a hassle-free “ready to productionise” handover.

Corporate Workspace Planning:

- Feasibility study, optimising layouts for work flow efficiency, employee well-being and brand identity.
- Space planning & Design detailing: Concept design, 3D walkthroughs, material selection, and theme finalization.
- Technical integration: MEP coordination, lighting design, acoustic planning, and IT infrastructure alignment.
- On-Site Execution & PMC: Quality-driven construction management ensuring cost, time, and design adherence.

Turnkey Execution & Project Management:

Pre-Execution:

- Design validation.
- Resource & Project scheduling.
- Investment program.

Execution:

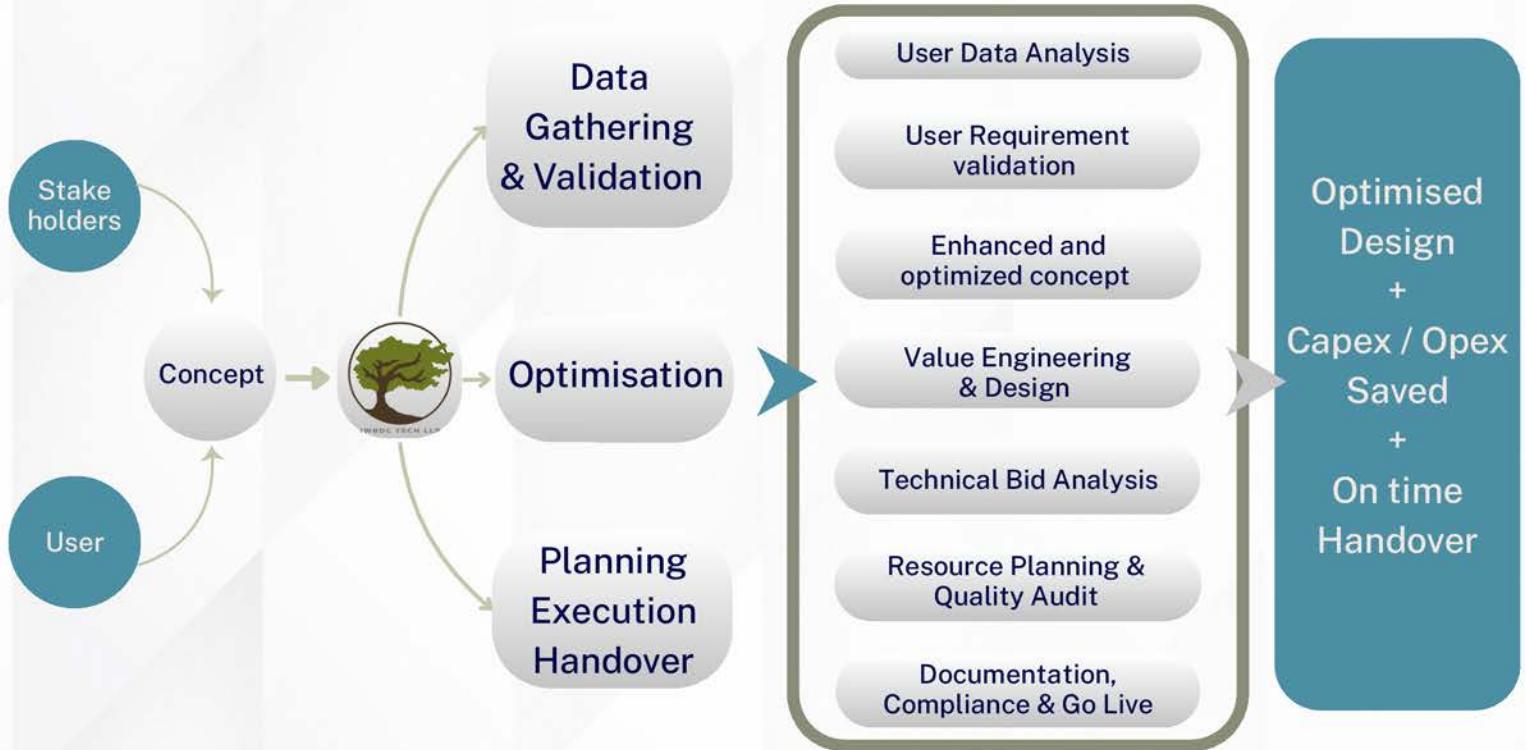
- Project tracking & monitoring.
- Quality control.
- Purchase management.
- Bill certification.
- Project documentation.
- EHS support.

Post Execution:

- Utilities training module.
- Project handover and closure.



Our Unique Approach



GET IT RIGHT - THE FIRST TIME

At **IWB Design & Consulting**, we begin with a thorough evaluation of user requirements to understand client needs. We then analyze industry workflows to identify effective processes, areas for improvement, and cost distribution. Our focus on solution-oriented analysis ensures we address challenges and achieve optimal outcomes and provide concept level lean planning.

What sets us apart:

- Strategic foresight
- Technical expertise
- Industry specific design
- Practical implementation

Why Clients choose us:

- Partner, not just a consultant
- Functional design
- Operational feasibility
- Transparent & strategic engagement



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IWBDCS on LinkedIn



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