



ECO BUILD STUDIOS PROFILE

Every project we take on is an opportunity to prove that sustainability is not a constraint, it's the source of the best ideas.

Grounded in Earth, Elevated by Design.....



Amish Tambi – Co-Founder, Eco Build Studios

Amish Tambi is a BITS Pilani alumnus with dual degrees in Mechanical Engineering and Physics, bringing over a decade of experience at the intersection of sustainable design, building performance, and heritage conservation. Grounded in engineering rigour, his practice is shaped by energy simulations, daylight performance analyses, and the hands-on assessment of complex building systems. Sustainable materials and responsible construction have been a cornerstone of his work for years spanning verified material selection, zero-waste implementation, solar PV integration, and water reuse systems. This depth of ground-level experience, from material sourcing through to compliance, directly informs every design decision at Eco Build Studios. He brings to the firm a rare convergence of engineering precision, sustainability expertise, and a deep respect for material culture applied consistently across every project the firm undertakes.

Ar. Sushant Koolwal – Co-Founder, Eco Build Studios

Architect Sushant Koolwal is Co-Founder and Principal Architect at Eco Build Studios. His practice is rooted in the belief that high-performance architecture must be as buildable as it is visionary where environmental responsibility, design rigour, and practical execution are held in equal measure. Sushant's expertise spans sustainable architecture, large-scale commercial development, and environment-responsive design. He is closely involved in translating the studio's design intent into built reality bringing to each project a disciplined focus on performance outcomes, material efficiency, and construction feasibility. His work is shaped by a deep engagement with ESG principles and cost optimisation, ensuring that sustainability is embedded not just in design decisions, but in the economics and execution of every project. At Eco Build Studios, Sushant plays a defining role in shaping the firm's commitment to creating built environments that are compliant, future-ready, and genuinely responsive to the demands of a changing world.



Who We Are

Eco Build Studios was born from a simple belief: that aesthetic and responsible design are inseparable. We create architecture that is shaped by its climate, inspired by local building traditions, and engineered for the lowest possible energy footprint. Through daylight simulation, energy modelling, and a careful balance of passive and active strategies, we design spaces that are comfortable, resilient, and kind to the planet.

Design Philosophy



Human-centric design

Rooted in comfort, usability, and safety.

Performance-led architecture

Using simulation, analysis, and modern technologies.

Sustainable & low-carbon solutions

Aligned with IGBC, GRIHA, LEED, ECBC, WELL, and global best practices.

Cost-optimized designs

Balancing aesthetics, functionality, and operational savings.

Future-ready built environments

Integrating passive design, efficient systems, and resilient materials.

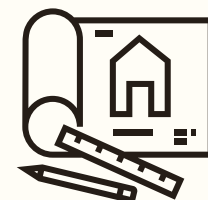


Associate Services

All services are customized to suit each project's scale, purpose, and vision.

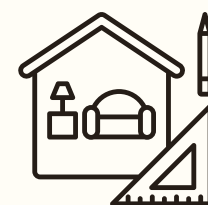


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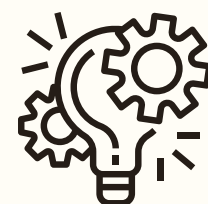
Architectural Design

We create functional, aesthetic, and site-responsive building designs tailored to your vision.



Interior Planning

We provide detailed drawings and technical specifications to ensure accurate and smooth execution on site.



3D Visualization

We design efficient and visually appealing interior spaces that enhance usability and comfort.



Construction Documentation

We develop realistic 3D models and renders to help you clearly visualize the final outcome before construction.



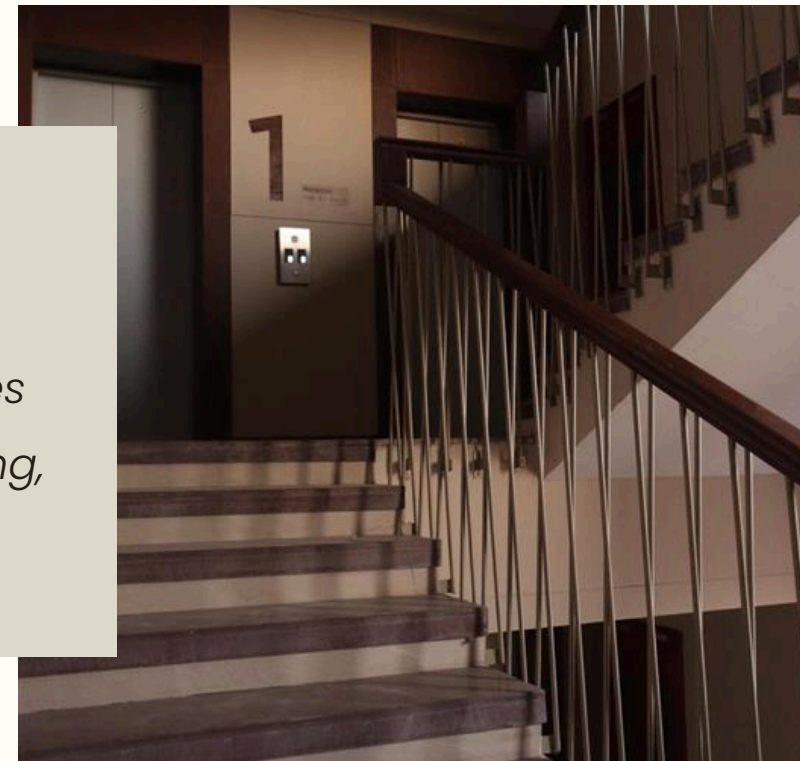
Project Consultation

We offer expert guidance at every stage to help you make informed decisions and achieve the best results.

Design2Occupancy SDC



The D2O Headquarters is conceived as a modern, energy-efficient workspace that reflects the firm's core values of sustainability, innovation, and high-performance building design. The architectural vision emphasizes open, collaborative environments, integrating natural light, efficient planning, and environmentally responsive materials.



CP7, Jaipur, Rajasthan



The CP7 project is conceived as a modern, energy-efficient development that reflects the core values of sustainability, innovation, and high-performance building design. The architectural vision emphasizes open, collaborative environments, integrating natural light, efficient planning, and environmentally responsive materials.

Additionally, the project incorporates an innovative roofing approach, where the roof is constructed without conventional TMT reinforcement and instead utilizes FRP (Fiber Reinforced Polymer), enhancing durability and reducing the overall environmental impact.



Banquet, Meerut, India



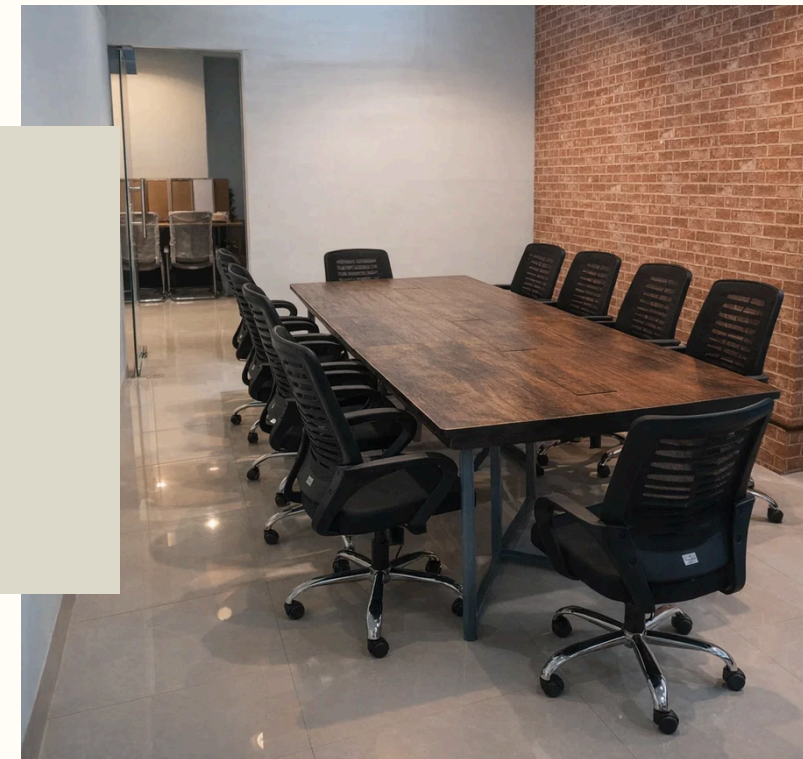
The hotel, built on over 30,000 sq.ft.

The Banquet Hall in Meerut is designed as a modern, mid-capacity event venue that blends functionality with an elegant visual identity. The architectural approach focuses on creating versatile indoor spaces, suited for weddings, celebrations, and corporate gatherings, while maintaining seamless circulation and guest comfort. Key features include a grand entrance, spacious pillar-free hall, thoughtfully planned service zones, and landscape elements that enhance the arrival experience. Attention to lighting, acoustics, and façade articulation contributes to a venue that is both aesthetic and operationally efficient, making it a standout hospitality destination in Meerut.



Start-Up Oasis, Jaipur, India

StartUp Oasis in Jaipur is designed as a flexible co-working space that supports early-stage entrepreneurs. The layout includes open work areas, meeting rooms, and collaborative zones to encourage interaction and productivity. Natural light and modern finishes create an energetic and contemporary work environment. Overall, the space promotes creativity, teamwork, and a strong start-up culture.



CCR, Jharkhand, India

The Central Control Room (CCR) in Jharkhand is designed as a highly efficient and secure operational hub for real-time monitoring and coordination. The layout emphasizes streamlined circulation, optimized workstation planning, and clear sightlines for effective supervision. With reliable building systems, controlled lighting, and ergonomic design, the space ensures comfort and uninterrupted performance. Overall, the CCR supports seamless operations and enhances the state's monitoring and response capabilities.



JDA (JAIPUR DEVELOPEMENT AUTHORITY)

Working on the office building project for the Jaipur Development Authority, delivering comprehensive architectural design, planning, and multidisciplinary coordination services. The project focuses on creating a highly efficient and future ready institutional workspace, integrating functional planning, regulatory compliance, and sustainable design strategies.

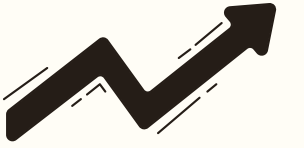
Our scope involves developing spatially optimized layouts, coordinating with structural and MEP systems, and ensuring seamless execution aligned with government standards, resulting in a responsive and contemporary administrative environment.



Renewable Energy Agency Puducherry (REAP)

Engaged in the design and development of the office building for the Renewable Energy Agency Puducherry, focusing on integrating sustainable design approaches and energy-conscious planning. The project emphasizes environmentally responsive architecture through climate-sensitive design, efficient spatial planning, and the incorporation of renewable energy strategies.

Our scope involved developing a functional and future-ready institutional workspace, aligning design decisions with the agency's vision of sustainability while ensuring seamless coordination across architectural, structural, and MEP systems.





Tender Projects

Director of Energy, Shimla



Site Area - 2 acres

The project involves the architectural design of the Directorate of Energy office building in Shimla, developed as a Super ECBC-compliant facility showcasing high-performance, energy-efficient built-environment solutions for the Himalayan region.

The design prioritizes thermal comfort, reduced energy demand, and climate-responsive architecture, integrating passive strategies such as optimized building orientation, high-performance envelope systems, daylighting, and natural ventilation suited to the cold hill climate.



PECC, Mohali, India



Site Area - Approx. 1 acre

The Punjab Energy Conservation Complex (PECC) is envisioned as a state-of-the-art, energy-efficient institutional facility designed to demonstrate Punjab's commitment to sustainable development. The architectural design integrates ECBC-compliant strategies, focusing on reduced energy consumption, enhanced occupant comfort, and long-term operational efficiency. An office envisioned as a living ecosystem, where architecture emulates the tree offering shade, shelter, and harmony with nature while fostering a sustainable and nurturing work environment.



IIT Palakkad, Kerala, India



Site Area - 4173 sqm

The MFSDSAI Building at IIT Palakkad is designed as a modern academic and research facility that supports advanced scientific exploration and interdisciplinary learning. Located within the Sahyadri Campus, the project emphasizes functional planning, energy efficiency, and a contemporary architectural expression aligned with the institute's vision for a future-ready campus.

The design incorporates optimized circulation, flexible lab and workspace layouts, daylight-enhanced interiors, and sustainable material choices.



Ravidas Museum, Haryana



Site Area - 2 acres

The Ravidas Museum in Kurukshetra is envisioned as a cultural and educational landmark that celebrates the life, teachings, and legacy of Sant Ravidas. The design blends contemporary architecture with contextual sensibilities, creating a serene and immersive space that reflects the spiritual essence of the saint. The project features intuitive circulation, thematic galleries, contemplative courtyards, and naturally lit exhibition spaces, ensuring an engaging visitor experience. Material choices and spatial planning emphasize cultural expression, durability, and environmental responsiveness, establishing the museum as a significant destination for heritage interpretation and learning in Haryana.



Why us ?

LOW EMBODIED CARBON TECHNIQUE IMPLEMENTATION

Life Cycle Assessment (LCA) is a method used to evaluate the environmental impacts of a product, process, or service across its entire life cycle—from raw material extraction to disposal. It follows a “cradle-to-grave” approach and includes stages like goal definition, data collection, impact assessment, and interpretation.

LCA helps identify environmental hotspots, improve efficiency, and support sustainable decision-making in areas like product design, green buildings, and sustainability reporting.

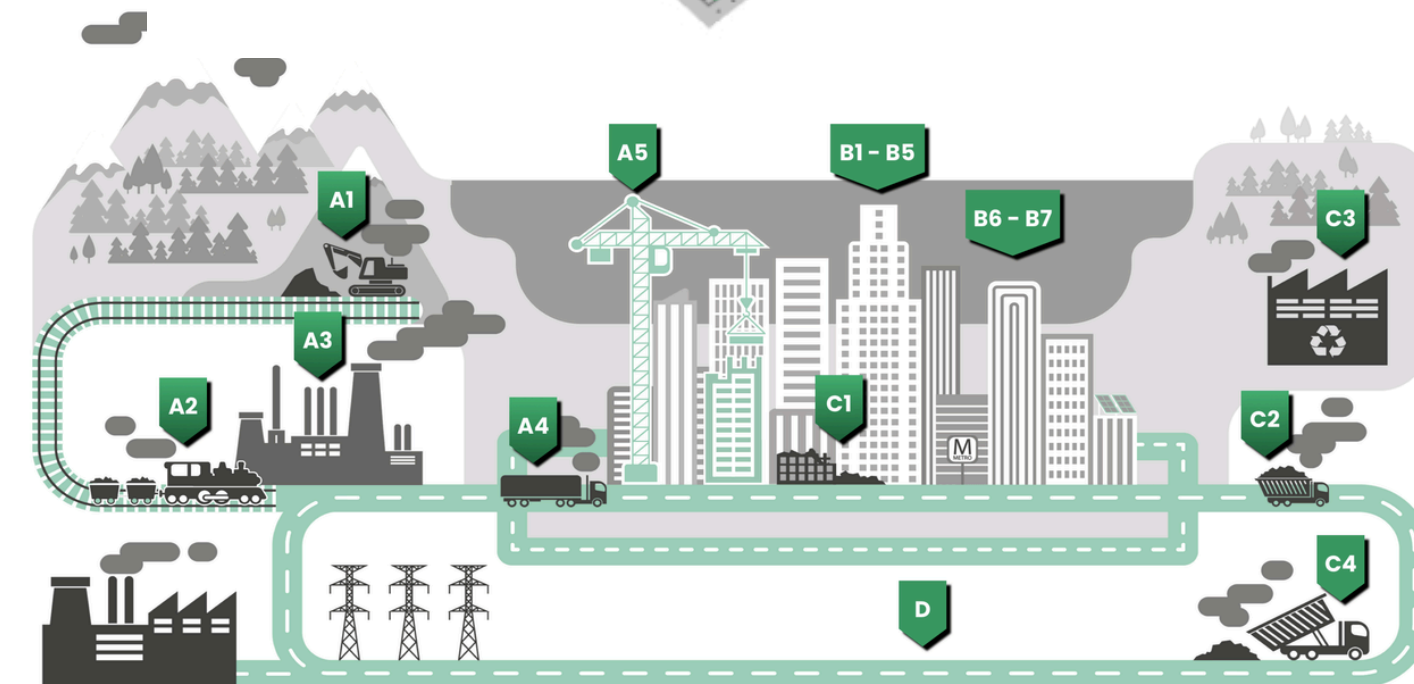
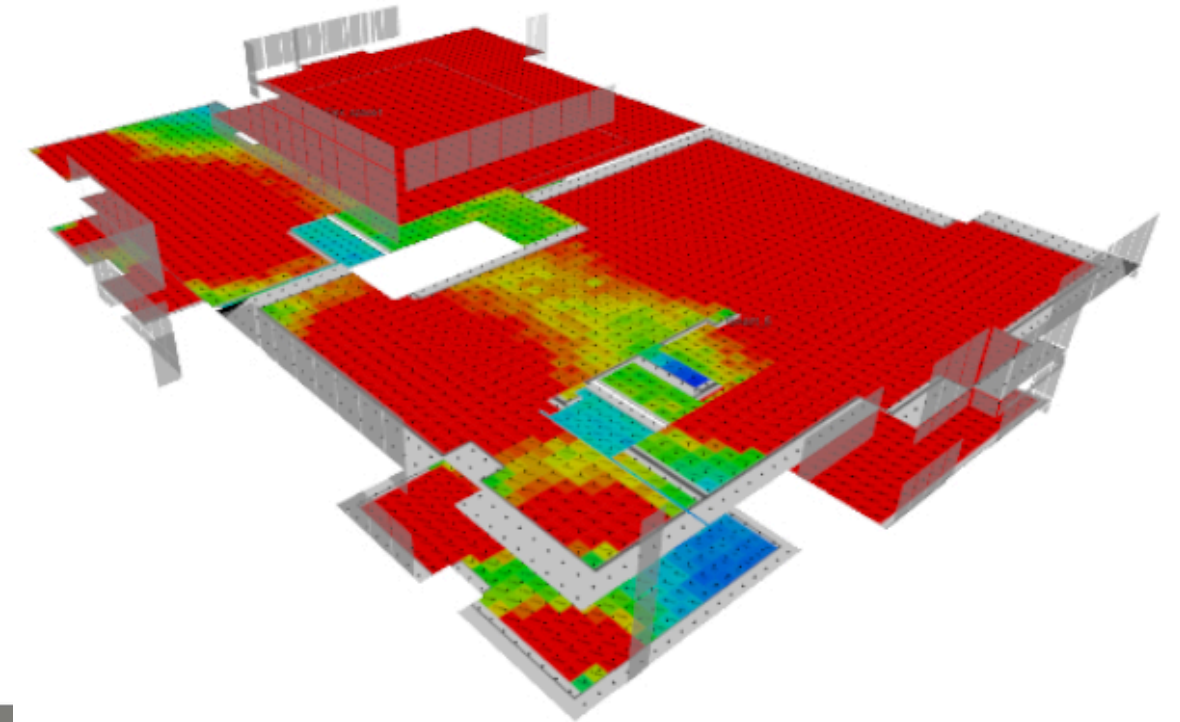
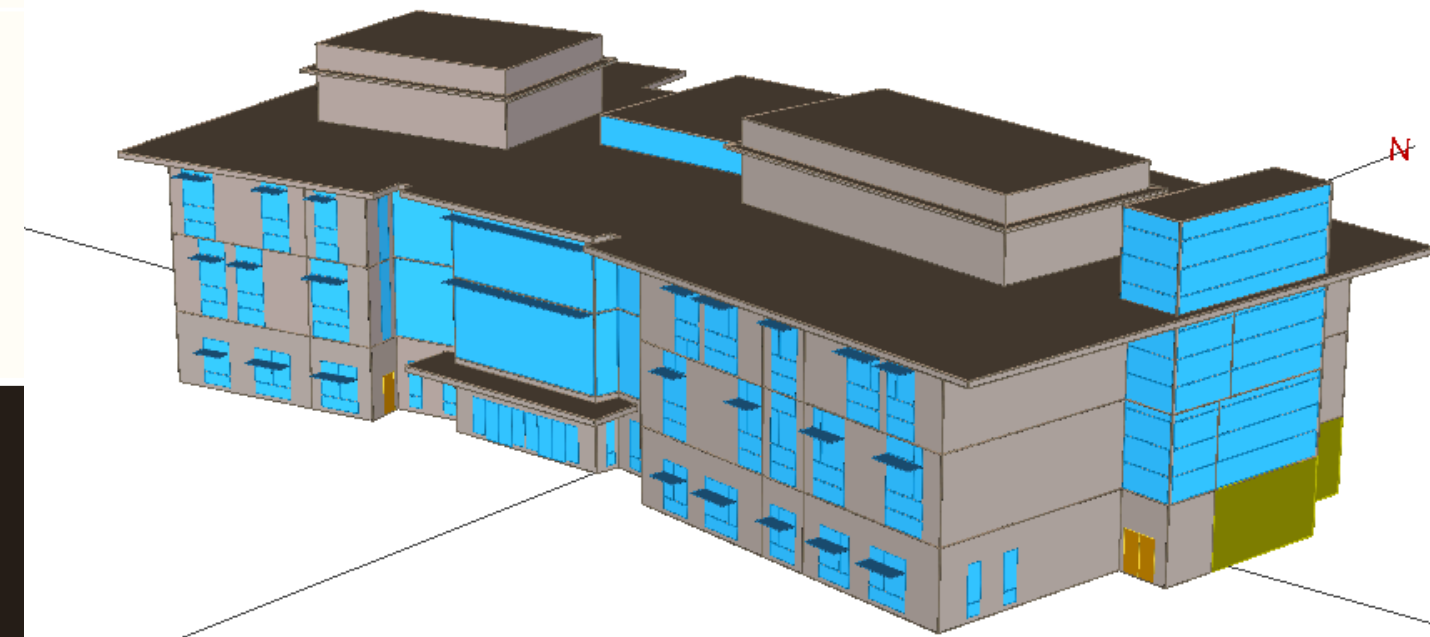
ENEVELOP OPTIMIZATION VIA ENERGY AND DAYLIGHT SIMULATION

Energy Simulation is the process of using software tools to model and analyze the energy performance of a building or system before it is constructed or modified. It evaluates factors like heating, cooling, lighting, and equipment loads based on design inputs such as materials, orientation, and climate conditions.

Energy simulation helps optimize energy efficiency, reduce operational costs, and support green building certifications by enabling informed design decisions early in the project.

Daylight Simulation is the process of analyzing how natural light enters and distributes within a building using digital tools. It considers factors such as building orientation, window size, glazing type, and surrounding context.

Daylight simulation helps improve visual comfort, reduce dependence on artificial lighting, and enhance energy efficiency, while also supporting green building certification requirements.



CONTACT US

Phone: Sushant Koowal +91 7742332404

Amish Tambi +91 9772079000

Email: Sushantkoolwal710@gmail.com

Website: <https://ecobuildstudios.com>



Ready to start your building journey?