

SHAPING INDIA'S EXPANDING INFRASTRUCTURE LANDSCAPE

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India's infrastructure growth is redefining how cities connect, expand, and participate in the national economy. Within India's rapidly evolving built landscape, STHAPATI's work engages mobility, urbanism, and institutional growth as interconnected systems rather than standalone projects. The practice has delivered over 60 million square feet of built work across India and internationally, with a growing presence in Australia, New Zealand, Mauritius, and the United States. Its portfolio spans airport terminals, railway stations, transit-oriented developments, institutional campuses, commercial districts, housing, and large-scale urban master plans.

India's expanding infrastructure shows how airports, transit systems, and campuses shape connectivity, mobility, and long-term national growth.

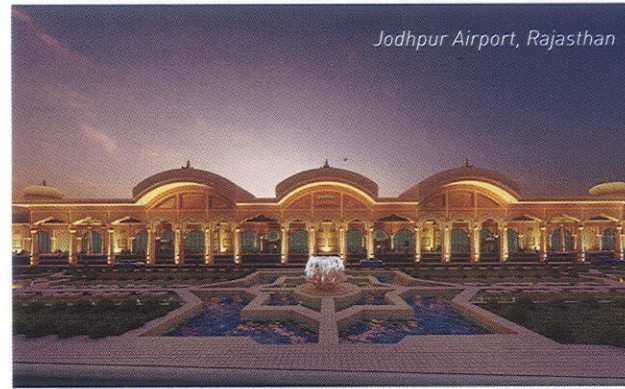


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Within this context, STHAPATI's work spans projects in Jammu, Varanasi, Darbhanga, Bagdogra, Jodhpur, Ayodhya, Lucknow, Belagavi, and Terminal 1 at Kempegowda International Airport. Terminal environments are organised around operational clarity and passenger movement, security integration, within cohesive spatial systems, where intuitive wayfinding, daylight integration, and material precision define performance at high capacity. The Maharishi Valmiki International Airport stands as a significant example, strengthening Ayodhya's accessibility, supporting pilgrimage tourism, regional commerce, and long-term urban growth. Designed to reflect the cultural identity of Ayodhya, the terminal draws from narratives of the Ramayana through material references and spatial symbolism. The project has achieved a GRIHA 4-Star rating, integrating climate-responsive strategies from inception.

The design for the new Jodhpur Airport terminal translates Rajasthan's heritage into contemporary architecture through fluted domes, arches, jalis, and locally commissioned murals. Its efficient spatial planning and six aerobridges streamline passenger movement, while sustainable strategies such as high-performance glazing, GFRC façades, and solar power



reduce environmental impact. Together, these interventions enhance regional connectivity and strengthen India's built landscape and urban mobility network.

Transit Infrastructure Is Directing How India's Largest Cities Expand

Across transit projects, user experience is embedded within the planning framework. In Mumbai, Hyderabad, and Bangalore, STHAPATI approaches transport infrastructure as part of a broader urban context in which transit corridors and multimodal hubs influence land values, density distributions, and patterns of daily movement. In rapidly expanding metropolitan regions, these projects help structure growth while enhancing everyday transit experience.

Campus Expansions Across IITs Are Accommodating Advanced Laboratories and Vertical Growth

Campus developments for Indian Institutes of Technology (IITs) reflect STHAPATI's role in strengthening academic infrastructure. Buildings are planned to support evolving disciplines and technological change with long-term adaptability. Vertical expansion integrates new laboratories and collaborative environments while maintaining campus coherence.

Infrastructure Is Structuring India's Next Phase of Growth

India's infrastructure expansion reflects a structural shift in connectivity, urban systems, and institutional capacity. Airports and major railway redevelopments strengthen regional access, transit systems reorganise metropolitan growth, and campuses expand academic capacity. Together, they position the built environment as a durable foundation supporting economic expansion and long-term national development.

Digital Integration and Environmental Performance as Drivers of India's Future-Ready Architecture

Technology is embedded within STHAPATI's design process through tools such as simulation modelling, BIM-d coordination, and integrated workflows that support decision and multidisciplinary alignment from concept through execution across infrastructure and high-rise projects in Delhi NCR and Bangalore.

Sustainability is integrated as a core design parameter with climate-responsive planning, energy optimisation, water conservation, and material efficiency informing early-stage decisions. Environmental performance benchmarks align with long-term operational resilience, with several current projects targeting carbon neutrality and net-zero outcomes.

Airports Across India Are Expanding Connectivity, With Transformative Impact in Emerging and Tier-2 Cities

From tier-2 cities to established metropolitan centres, airport infrastructure in India is expanding to address rising passenger demand and strengthen regional connectivity.



Bangalore Cantonment Railway Station, Karnataka