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STEEL
STRUCTURES
& METAL
BUILDINGS

SSMB.IN
nerve of steel construction...



10-12 NOVEMBER 2022
Norotel Hyderabad
Convention Center,
Hyderabad, India



27-29
APRIL
2023
MUMBAI



12TH
ANNIVERSARY SPECIAL
ME & STEEL

*Connected
with Steel*



ANAND SHARMA
FOUNDER & PARTNER
DESIGN FORUM INTERNATIONAL



Steel provides a much higher tensile and compressive strength than other materials. In the case of huge buildings like airports, where huge spans of uninterrupted spaces are a must, steel is the only viable material of choice in the Indian Context. A Galvalume Sheet is a great solution for various challenges that an architectural project can face on site. It is a standing seam roof that can fit easily into tight budgets and is ideal for geographical locations that demand weather-resilient building materials, like high wind velocity and heavy monsoons. In such cases, it is imperative to incorporate sturdy, non-corrosive materials. Galvalume's cost efficiency, durability and structural performance are some of the factors that made it a model choice for the roofing membrane of large-span spaces, such as this DFI's Guwahati International Airport project.

Client:
Airport Authority of India
Architect:
Design Forum International
Structural Consultant:
Aecom



**GUWAHATI INTERNATIONAL
AIRPORT, GUWAHATI, ASSAM**

Design Forum International's proposal for the New Integrated Terminal of Guwahati International Airport in Assam, emphasizes the importance of designing public transit spaces keeping in mind contextuality as well as the end user's experience. Located in the state of Assam, the city of Guwahati is considered the gateway to the North East arm of the country and is immensely rich in its culture and traditions. It is an important trading, transportation, and cosmopolitan commercial hub. DFI's proposal for the New Terminal of the Guwahati International Airport is infused with the flavours of Assam, the land that is asam (undulating). This project is an upgrade to the existing infrastructure and reinforcement of local appeal, reflecting the aspirations of the place and producing a contextually relevant output. Spread over an area of 50 acres, the building is a study in steel, exploring the material's limit in crafting an immersive travel experience. The form of the building has been thoughtfully designed to create a structural icon.