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**STEEL
STRUCTURES
& METAL
BUILDINGS**

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nerve of steel construction...

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Inside

100+

Influencers
of Steel

90+

Exclusive
Projects

2.5+ Lacs

MT of Steel



ANNIVERSARY SPECIAL
ME & STEEL



**SUDIKSHA PAREKH**PRINCIPAL ARCHITECT
IMPRINTS ARCHITECTS

Steel is a material which provides the opportunity to make complex forms and structures. It is cost-effective due to its less construction time, it provides a large span with fewer diameter columns and beams, thus providing a visually lighter structure. Steel is environment friendly as it does not need cement or concrete thus not affecting the air purity and no toxins, it helps to conserve the good soil in opposition to concrete and we don't need to cut this as in wooden construction. Trees and plants as well as ground water are conserved as the soil is not infused with chemical toxins. Steel is perfect to create beautiful structures that seamlessly merge with nature.



Client: Mr & Mrs Gupta
Architect: Imprints Architects
Structural Coesultant: Surjeo Tikle
Construction: Atish

Located in the mountains of Khandala, the client wanted the house to have minimal walls and large spans so the transition from inside to outside was felt only to shelter and enjoy nature to its core. Using any material like concrete or wood or aluminium would not serve the purpose. We opted for steel which allowed us the large spans and sleek members which gave large obstacle-free openings. Taking cement, sand and bricks on mountains and making masons mix was also something we avoided. Not only the columns and beams were steel but also deck slabs were used for the roof giving large open terraces to the villa. Construction in the mountains was made easier by simple pedestal foundations and a nut bolt steel structure on top.