

PROJECTS MIRROR



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INTERVIEW



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EVENT SPECIAL

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The Essential Role of Design in Residential Projects in India



Mr. SARVESHAA SB, Chairman & MD, BHADRA Group

This year, 2024, represents a significant transformation in the constantly changing residential design landscape. The expectations of homebuyers regarding their new homes have never been higher. The integration of sustainability, functionality, and aesthetics has become essential in the development of luxury homes that not only reflect individual preferences but also the increasing awareness of our environmental impact.

The current landscape:

The design landscape has undergone a significant transformation in the past few years, particularly in the wake of the COVID-19 pandemic. As individuals spend an increasing amount of time indoors, they are reassessing the requirements of their living spaces. The pandemic has expedited the development of wellness-centric living and remote work, as homes have evolved from spaces for sleeping and relaxation to spaces for working, exercising, and connecting with nature. This change has driven real estate developers to consider alternatives to the conventional confines of residential spaces.

In contemporary residential real estate, the emphasis is on creating spaces that promote both physical and mental health. This has resulted in a greater emphasis on ecologically friendly elements, efficient layouts, and natural light, which effectively bring the outdoors indoors. In addition, the incorporation of wellness spaces, including outdoor areas, meditation rooms, and home gyms, has become an increasing trend, reflecting the new demands of a post-pandemic world.

In addition, technological innovations have significantly altered residential design. Today, homebuyers can enjoy a more interactive and immersive design experience by utilising tools such as augmented reality (AR) and virtual reality (VR) to visualise spaces prior to their construction. Energy efficiency, convenience, and enhanced security are all benefits of smart home technology, which has transitioned from a luxury to a near-essential feature in contemporary residences. These advancements have not only revolutionised the construction of homes but also their use, enabling a greater degree of personalised and customisable living.

Role of Design in Residential Projects:

A home that is well-designed is not only visually appealing, but also functional for those who live there. In order to establish environments that are both functional and comfortable, thoughtful design integrates natural elements such as sunlight, ventilation, and spatial ergonomics. Additionally, sustainability has emerged as a critical factor in residential design. Homes may significantly reduce their environmental impact by integrating water-saving technologies, energy-efficient systems, and eco-friendly materials. New residential developments are increasingly incorporating solar panels and rainwater harvesting systems, which are contributing to a more sustainable future. These sustainable designs not only benefit the environment, but also provide homebuyers with long-term cost savings by reducing their energy and water expenditures.

Additionally, flexible spaces, such as multi-purpose spaces that can function as both a home office and a guest room, have become indispensable as family dynamics and lifestyles change. Developers are increasingly prioritising the creation of modular spaces that are easily reconfigurable, ensuring that homes continue to function as

needs change.

The Indian Point of View :

In India, residential design is associated with a diverse cultural heritage. Traditional philosophies, including Feng Shui and Vaastu Shastra, continue to impact contemporary design practices. These ancient systems emphasise the harmonious arrangement of spaces to foster positive energy flow, health, and well-being within the residence. The integration of these principles into contemporary design results in homes that are not only aesthetically appealing but also spiritually enriching, providing a distinctive equilibrium between tradition and modernity.

Moreover, increasing urbanisation has resulted in space constraints in major cities, necessitating a variety of innovative solutions, including vertical gardens, space-saving furniture, and efficient ventilation systems, to establish functional and comfortable environments.

The Future of Residential Design:

In the future, we expect even more dynamic transformations in residential real estate design. Artificial intelligence (AI) and augmented reality (AR) will facilitate the development of

highly personalised home designs that cater to the distinct lifestyles and preferences of each homebuyer. Even before the construction commences, homebuyers will have the opportunity to view and experience their homes in real-time simulations, which will result in more informed design decisions and increased contentment with the final product.

Credible real estate developers will continue to prioritise sustainability, constructing homes that are more resilient and capable of addressing the environmental challenges of the future. Climate change's increasing urgency will motivate the industry to investigate novel materials and technologies that reduce its environmental impact. The "smart home" concept will expand to encompass not only automation and convenience but also energy consumption optimisation and sustainability enhancement. The integration of interior and outdoor spaces will continue to acquire prominence, particularly in urban environments where nature is scarce. Yes, tomorrow's residential design will combine technology, sustainability, and well-being. Developers will continue to expand the boundaries of what homes can be, and one thing is clear: deliberate, innovative design will play a crucial role in shaping our lifestyle for years to come.

