THE IMPORTANCE OF ECO-FRIENDLY ARCHITECTURE IS IMMENSE AND TAPPING NATURAL SOURCES OF ENERGY IS AN EFFECTIVE APPROACH

NATURALLY INCLINED

Following an eco-friendly design expands the natural horizons in terms of durability, utility and comfort. Increasingly, architects are making an effort where they can mainly preserve and protect vital resources such as water, land and energy. They are adopting different techniques, regenerating the energy with their design strategies.

The importance of eco-friendly architecture in a city like Mumbai is immense and tapping the natural sources of energy is an effective approach. For example, many architects are promoting designs that revolve around using the abundantly available solar energy. It not only saves energy but also eliminates the electricity cost.

Architect Amit Walawalkar of Adorn Space Concepts Pvt Ltd believes that one must factor in the surrounding elements while designing a project. He says, “Along with designing a good product, it is also beneficial to use alternate energy resources as they translate into energy savings for the client. We also recommend our clients have more plantations around their surroundings, plant more trees, build sparow shelters on trees to give birds the comfort and create a natural habitat.”

It is equally important to ensure that the materials, designs and products that are used in an eco-friendly construction are strictly taken care of. Jimmy Mistry, Chairman and MD, Della Tecnica says, “Mumbai is extremely exploited and also an over-exploited city. The only way to repair and mend it is through sustainable development and with minimal use of materials that harm humans and nature. Della Enclave at Lonawala is one of our eco-friendly projects. The material used is eco-friendly with minimum power consumption. Instead of using wood, we should use certified wood and fabrics from sustainable forests and basic designs that suit the environment. Reducing cement work can be of great help.”

For eco-friendly development, rainwater harvesting is also an essential component as it not only enables one to save water but also to reuse it for several daily chores.

Sustainable architecture must conserve and re-store the natural balance. Using concepts like solar energy and rainwater harvesting have become a necessity and architects are playing their part in making the two ends meet.

THE BEST DESIGN PRACTICES ARE THE ONES THAT ARE DESIGNED IN HARMONY WITH NATURE, SAYS NISHA SHROFF