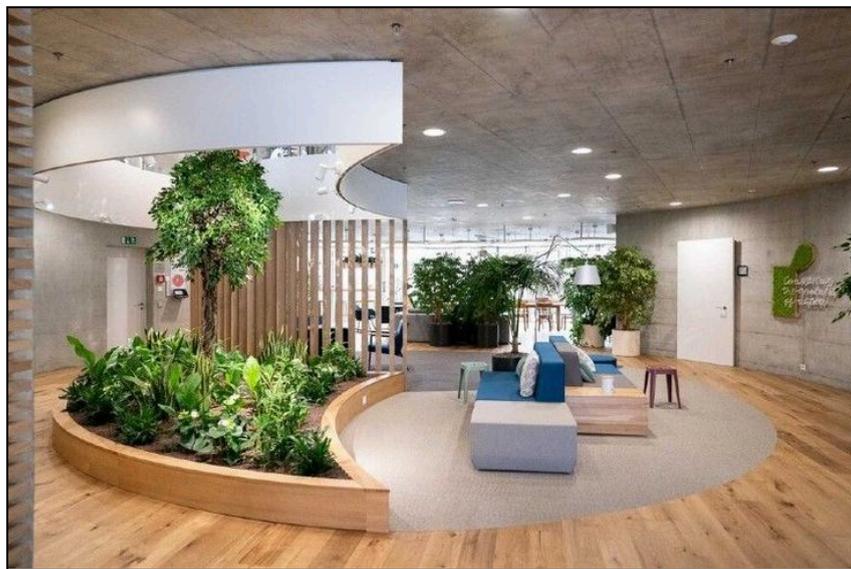


Importance of Sustainable Design in Modern Architecture

It is becoming essential to have sustainable designs in contemporary architecture. One of the most significant challenges arising from the rise in urbanization is the provision of environmentally friendly and energy-efficient buildings. Sustainable designs minimize the effects of climate change and improve occupants' well-being. They are proactive in managing resources and less wasteful, minimizing carbon emissions. Sustainable architecture encourages using renewable energy sources such as solar and wind power, recycled materials, and green construction materials.



Advancements in Sustainable Architecture

Sustainable innovations are revolutionizing architectural design from the ground up. Today, construction materials include recycled steel and wood, as partly evidenced by steel buildings for construction. These materials attempt to prevent the excessive use of raw products and help to cut down on waste products. Solar power and geothermal power systems have also become part of the structures. These systems shall help lower energy consumption and overall operations costs. Automatic lighting and air control systems provide energy solutions for HVAC, ensuring occupants an excellent indoor environment.

Sustainable Construction: A Rising Trend

Using eco-friendly or sustainable interiors continues to rise in modern interior design. These interiors outline the idea of incorporating environmental materials and

energy-efficient systems. Designers bring natural light, plants, and natural materials such as bamboo and cork into their projects. These elements result in an optimal, healthy, and pleasant internal environment. Sustainable interiors also entail the interior products' notions of material durability and recyclability.

Contribution of Architecture Events in Promoting Sustainability

Architecture events like the IDAC Expo are crucial in encouraging sustainability in construction and interior design. The IDAC Expo is ideal for launching new products and presenting novelties and tendencies in the architectural sphere. This event will allow for opportunities to create more working business-social relations and enrich everyone with knowledge. It also establishes an equal interest among the world's top architects, designers, and other industry personalities. The segments of IDAC Expo events include sustainable architecture, smart building technology, and innovative materials, among others.

The IDAC architecture event demonstrates many structures that focus on such conceptions as sustainable design. They include some structures that incorporate green roofs and walls, rainwater collection, and efficient facades to illustrate real-life usage of sustainable architecture. They are prototypes for later creations. Exhibitors display products and technologies at the IDAC Expo and highlight the use of environment-friendly and sustainable materials. Seminars and workshops conducted during the event update visitors about the recent sustainability trends and advancements in architecture.