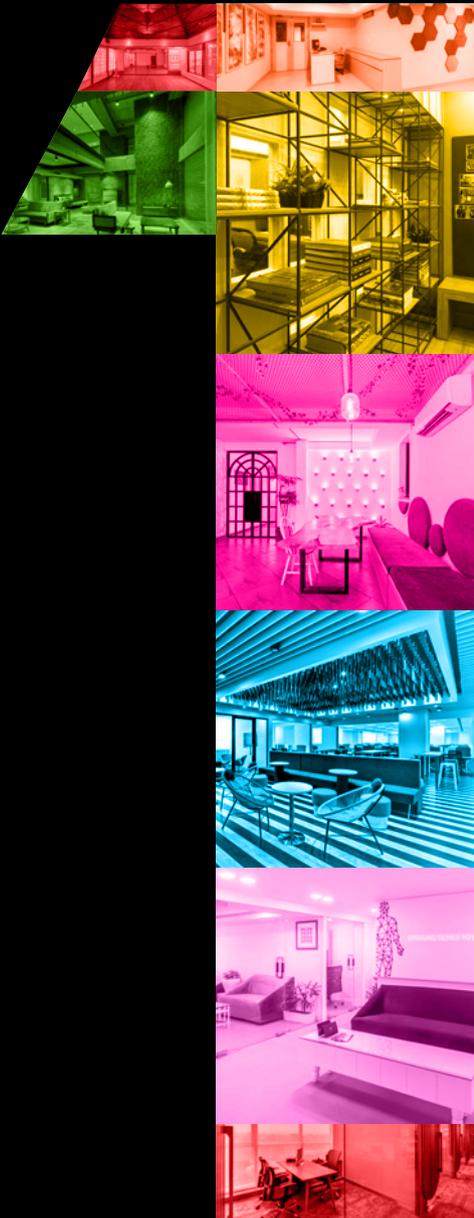


interiors[®]

INDIA



TOP 10

- YOUNG ACHIEVERS
- COMPACT SPACES
- SUSTAINABLE SPACES
- UNIQUE MATERIALS

ANNIVERSARY SPECIAL



The lobby area in the Seven Seas Hotel is lit with ATPL's intelligent lighting controls that adjust to power availability and time of day.

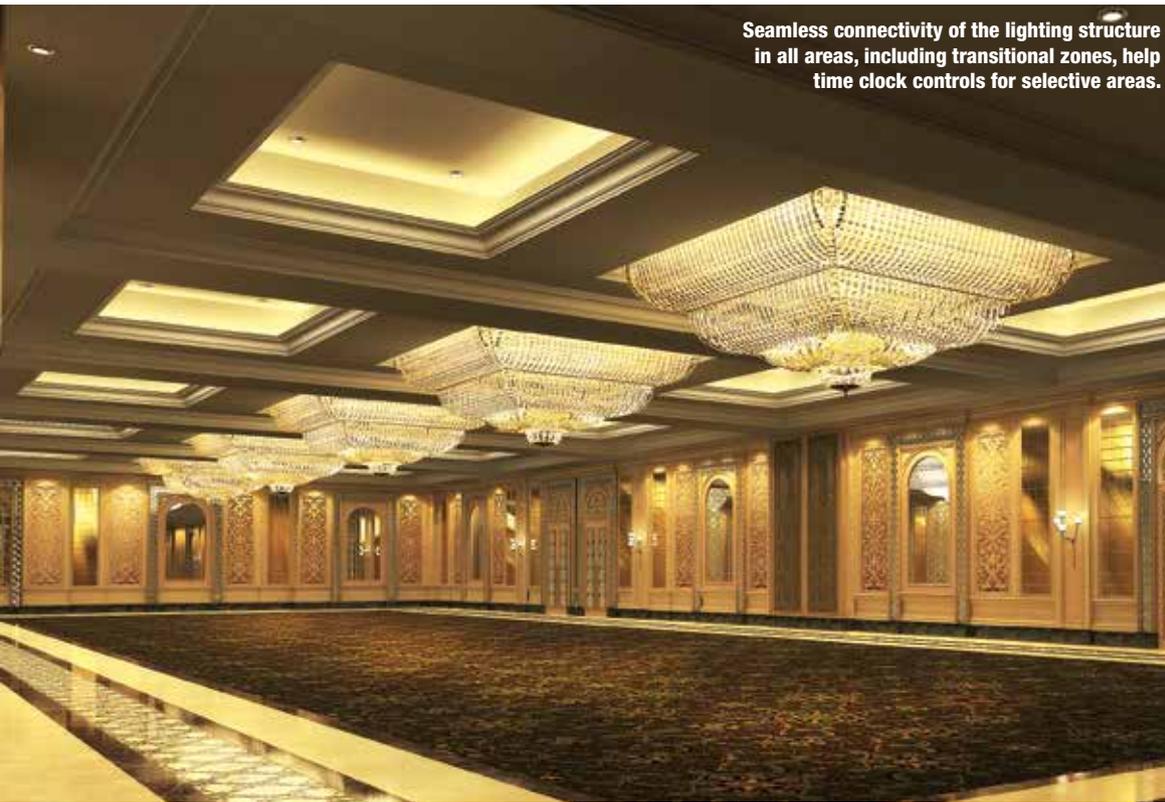
LET THERE BE LIGHT

Automatic lighting and dimming controls through a centralised control system ensure smart energy use.

The lighting controls for Seven Seas Hotel, a premium luxury banquet hotel in Delhi, were designed and installed by Anusha Technovision Pvt. Ltd. A system integrator for lighting controls and automation solutions, Anusha has worked on lighting controls for various luxury residences, hospitality projects, retail stores, corporate offices, studios and multiplexes. For this hotel in Delhi, a well thought-out scheme was devised for lighting control systems in the public areas. The interesting aspect about this project was the use of automated lighting controls for most spaces. "Special features of this project include pre-set lighting

scenes in all areas for quick, easy recall of the perfect lighting ambience, seamless connectivity of all areas and time clock controls for certain spaces. We also created an intelligent logic for operation that automatically lowers the lighting load during use of generator and also ensures lights are automatically turned on when the main power is restored," **Alok Hada, Director, Anusha Technovision Pvt. Ltd.**, says.

Traditionally, incandescent lamps by Anusha Technovision Pvt. Ltd. were used as decorative fixtures such as chandeliers and the load requirement for these fixtures was very high. On the other hand, the LED fixtures dim differently and



Seamless connectivity of the lighting structure in all areas, including transitional zones, help time clock controls for selective areas.



Alok Hada, Director, Anusha Technovision Pvt. Ltd.



Pre-set Lighting Scenes are available in all areas for convenient recall of the perfect lighting ambience.

are lower in wattage. The company, hence, had to devise a system that allowed both technologies to work seamlessly, and this was achieved by use of Lutron HW QS System. "The challenge we faced was more to do with making sure that all the different types of fixtures and drivers involved were tested before use. We had to check their compatibility with our lighting control system to rule out any post-installation glitch," Hada says.

The appropriate dimming technology for lighting controls was used depending upon the area and the load and all the different technologies and dimming panels were tied together through one centralised control system. The wattage and dimming protocol were based on individual lamp type. Three different types of dimming modules, 230V direct dimmable module, 0-10V dimmable module and switching module, were used. A few emergency circuits were also put in place in each area to avoid blackouts in case of power failures. According to Hada, the hospitality market has always been the first to adopt new technologies such as lighting controls. "The latest trend is the use of automation in guest rooms and we have installed the same in newly opened hotels such as Oberoi Delhi and Grand Hyatt Kochi," he says. ■

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