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It is the architect's role to shape
the ideas of the client. Hence, design
is a dialogue and it should be
intensely communicated.

AR. RAVI SARANGAN,
Edifice Consultants Pvt. Ltd., Mumbai



INSIDE :

if FOCUS : AIRPORT LOUNGES | if INDUSTRY FORUM : COMMERCIAL LIGHTING

if PERSONALITY : AR. RAVI SARANGAN | if TECH+DESIGN : SWITCHES



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ifj

ifj : the indian review of world
furniture, interiors and design

editor & creative head

sylvia khan
sylvia@ifj.co.in

deputy editor

labonita ghosh
labonita@ifj.co.in

ifj writetank

editorial & interactions

simi kaur
simi@ifj.co.in

pr & social media manager

vaishnavi uchil
vaishnavi@ifj.co.in

senior visualizer

harish raut
harish@ifj.co.in

subscription support

sharon rahatwal
sharon@ifj.co.in

to subscribe

pragati malgundkar
subscribe@ifj.co.in

to contribute editorial matter

edit@ifj.co.in

to advertise

jyoti agasti
jyoti@ifj.co.in
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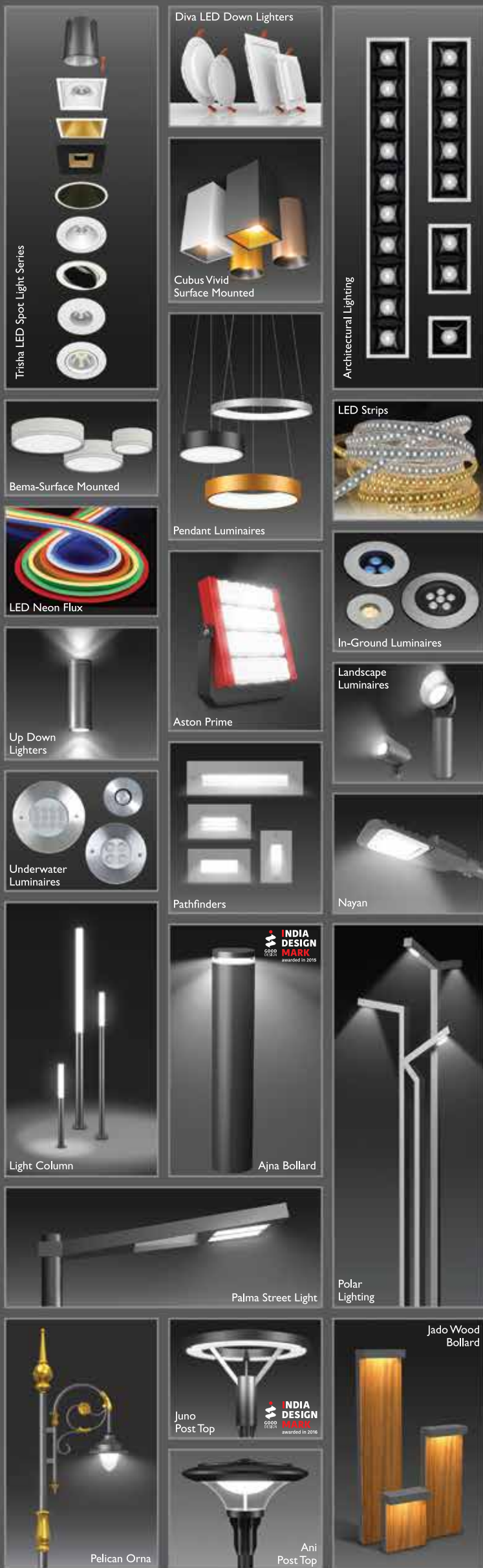
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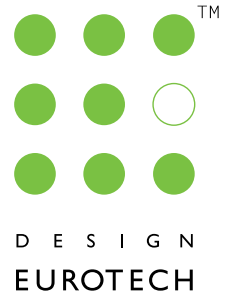
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IFJ magazine serves an important need of the interior industry by resetting the expectations of buyers on how they can make their home, a place of beauty, inspiration, and comfort. We appreciate this beautifully produced magazine, which not only serves this need, but at the same time raises the customer's consciousness to details. IFJ's stories on interiors and art helps in raising the collective aspirations of our people and thus raising the level of our entire country - not only in interiors but in all walks of life.

Kuruvilla Kurian
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I like the overall presentation of IFJ Magazine. I hope it will promote more art and artists in future, Best Wishes!

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The increasingly aspirational aspect of luxury as a sort of destination in itself, has changed almost everything. It's created a whole genre of accessories like cases for phones or watches, and their design and offers a range of luxury and tech-driven features in the new spaces we have fostered over the last couple of decades. With the unending search of the better, brighter bling-encrusted space, there's much that has been lost in translation.

An antidote to this sort of mindless consumerism comes to us in the form of the small movements that have sprung up all across the thinking world. Here, people like us, those with choices and spending capacity, are choosing simpler, less cluttered lives; higher tech, but with a lower imprint of unkindness; slower, more artisanal processes and in general upping the 'Zen' component of their lives.

They eschew the magpie effect that seems to have overtaken most of the consumer world and made very conscious, mindful decisions on what they want from their environments and their lives, and so ensuring that the spaces that enclose them are imbued with features that enhance a sense of well-being.

May we hope that a little touch of this will waft gently into our own decisions on the design of our products and spaces? These decisions will nurture our own artisan traditions, our own culture and will permit a higher level of true indulgence, rooted in well being and the great luxury and elegance of the simple.

I look forward to hearing from you.
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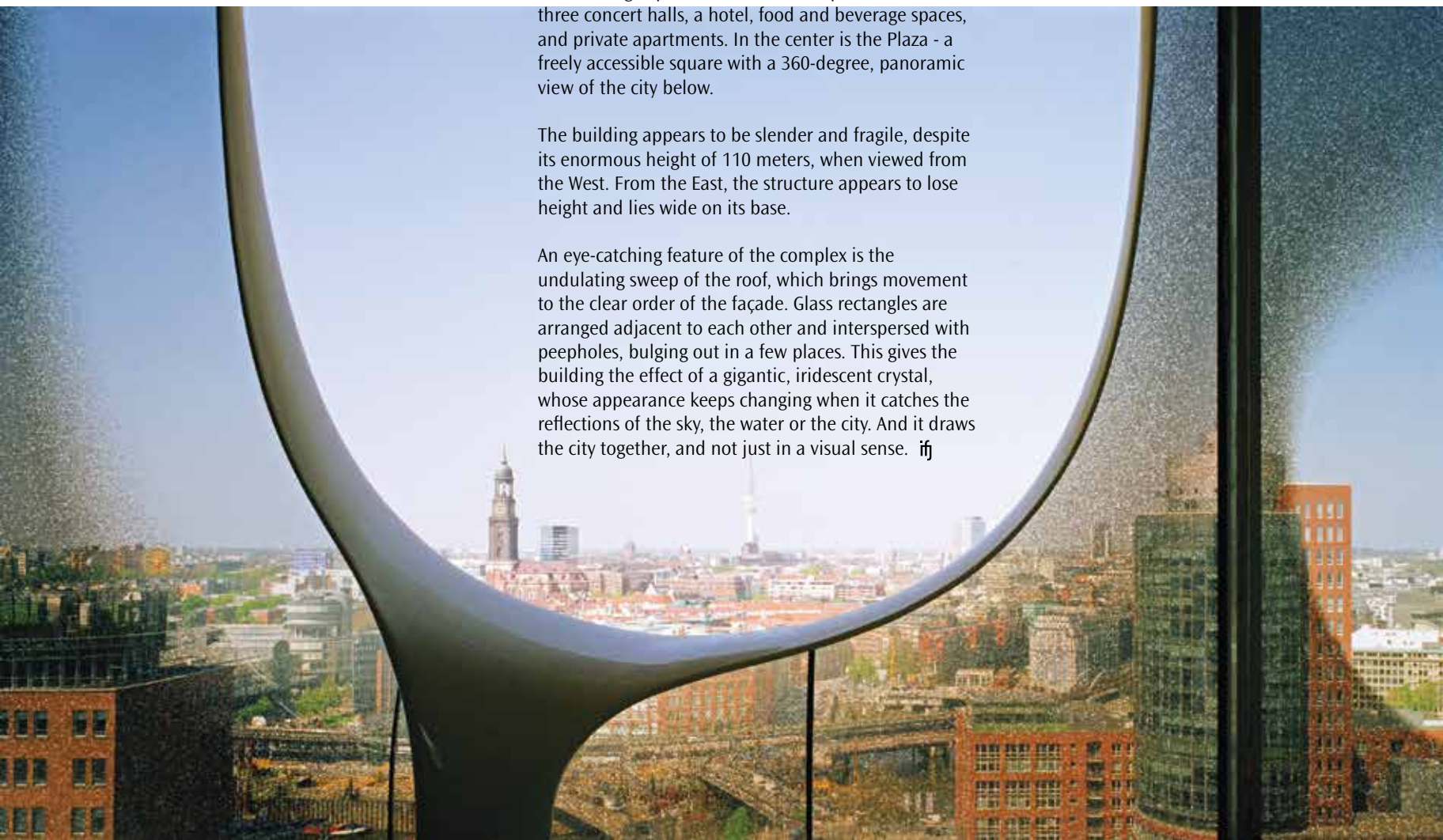
Set against the backdrop

of the Hamburg harbor, this house of music incorporates an attractive mix of urban uses, while delighting visitors with its remarkable architectural features.

The architectural firm of Herzog and de Meuron used the historic Kaispeicher, a brick building from the 1960s, as a base for this new structure with a white, shimmering superstructure. The complex is home to three concert halls, a hotel, food and beverage spaces, and private apartments. In the center is the Plaza - a freely accessible square with a 360-degree, panoramic view of the city below.

The building appears to be slender and fragile, despite its enormous height of 110 meters, when viewed from the West. From the East, the structure appears to lose height and lies wide on its base.

An eye-catching feature of the complex is the undulating sweep of the roof, which brings movement to the clear order of the façade. Glass rectangles are arranged adjacent to each other and interspersed with peepholes, bulging out in a few places. This gives the building the effect of a gigantic, iridescent crystal, whose appearance keeps changing when it catches the reflections of the sky, the water or the city. And it draws the city together, and not just in a visual sense. if



GOOGLE CO-WORKING SPACE madrid

The London-based architecture and interiors practice, Jump Studio, has renovated a 19th century battery factory in Madrid, and turned it into a co-working space for Google. The eponymous Campus Madrid can provide comfortable and functional work areas for 7,000 members, as well as the staff of about 50 resident start-up companies.



CAMPUS MADRID





Jump Studio has installed a new entrance on the South side of the five-storey building to facilitate circulation among co-workers, and it also allows access to a public plaza outside. Inside the new entryway, visitors are greeted by a striking artwork by local artist Ricardo Cavolo, titled 'Unstoppable'. The campus café, which has both lounge-seating as well as private booths, is spread over the ground and first floors. Bursts of color, accompanied by exposed building materials like timber, help to create a fresh and relaxed environment. The centerpiece of this co-working space is a feature called 'cage light', a red-steel structure that runs above a long meeting table.



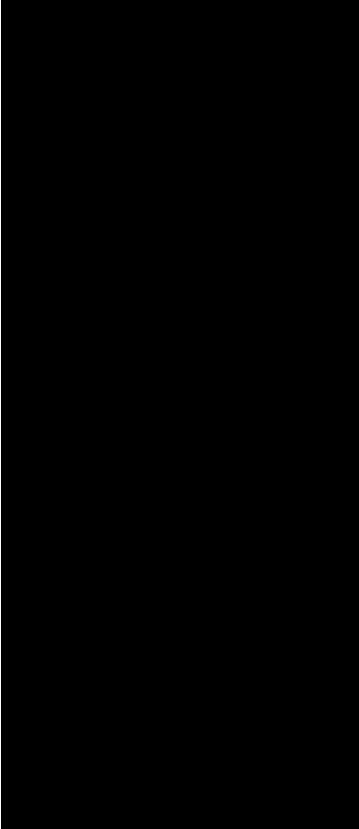
On the opposite, North side of the campus is a high-tech, triple-height, 200-person-capacity auditorium. This auditorium takes advantage of the large, West-facing windows that draw in a lot of natural light, and are double-glazed as well to keep the sound in while blocking out ambient noise. Its clean and bold lines breathe life into the campus' overall graphic theme, which is inspired by Madrid's streetscape. Meeting rooms on the second and third floors of Campus Madrid have been decorated in colors reminiscent of the works of famous Spanish painters like Pablo Picasso and Joaquín Sorolla y Bastida.

Campus Madrid is the sixth addition to Google's community hubs initiative that aims to bring startup companies and entrepreneurs together in the Spanish capital. if



VIPP SHELTER denmark

Danish retailer Vipp has constructed a metal-and-glass micro-dwelling that acts as a showcase for the company's line of homeware products. Designed by Morten Bo Jensen, the Shelter is a 55 sq m structure that is intended to serve as a Nature retreat, a haven away from urban chaos. According to the company, the Shelter is not just a pre-fab house or a mobile home – despite its undoubtedly cozy dimensions - but a functional, habitable 'industrial' entity as well.



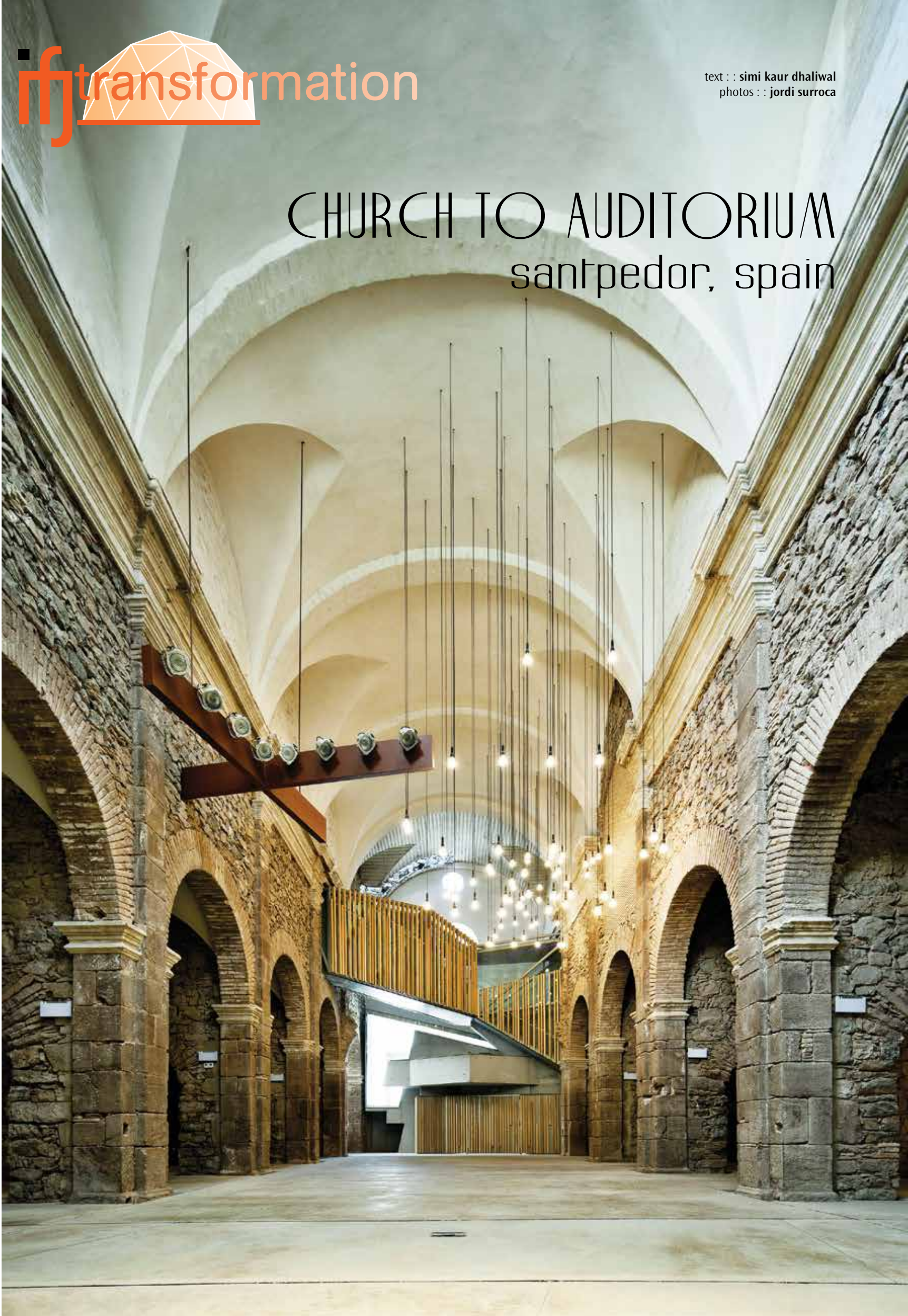
The idea for the design of the space borrows from Nature itself, and the dark, earthy tones of each piece of interior decoration are a nod to the environment. The cabin consists of a metal-and-glass rectangular box that stands on stilts, and can be accessed by a gangway. Two chambers protrude from the roof: one contains a light chimney, while the other houses a compact, sleeping loft. Prefabricated in North Copenhagen, each steel-framed cabin takes six months to produce, but only three to five days to install.

The dwelling contains a kitchen, a dining area, a bathroom and a living area with a day-bed and a fireplace. It has floor-to-ceiling glass panes on two sides, providing an unbroken view of the outdoors, while also serving as a protective barrier for the inside of the shelter. The dwelling is fully-equipped with Vipp products, including shelves, furniture, lights and linen. ifj

LIKES

CHURCH TO AUDITORIUM

santpedor, spain





the dilapidated saint francis church in santpedor, spain, which was part of a demolished convent complex, was transformed into an auditorium and multifunctional cultural facility by ar. david closes

The renovation process sought to retain the building's spatial values, while incorporating a contemporary language. The horizontal elements were in a state of ruin: the tiled roof had sunk, the choir had disappeared and the vaults of the nave and chapels had fallen in, or didn't have any bearing capacity. Since the building had been part of the skyline of the town for centuries, the exterior was kept largely intact.

The intervention consolidated the church without deleting the process of collapse that the building had suffered. The project also maintained the dimensions of the interior spaces and kept intact the unusual entries of natural light produced by partial roof collapses. The new programmatic volumes inserted (as vertical accesses or technical equipment) have been located partially outside the church, with the aim of preserving the inner space unity of the nave. In addition, new stairs and

ramps provide a circular route around the building, which provide amazing and diverse views. A large skylight on the North side of the apse (a semicircular recess inside the church), and a skylight with views of the belfry from the inside of the nave, allow ample natural light.

The historic preservation of the Saint Francis isn't just a reconstruction of one historical moment. It is a preservation of history itself, as a complete and continuous fact. if



WATER TOWER TO RESIDENTIAL HOME

munstead, the uk

a century-old water tower is transformed into a modern residence, while retaining the building's heritage character

The Munstead Water Tower

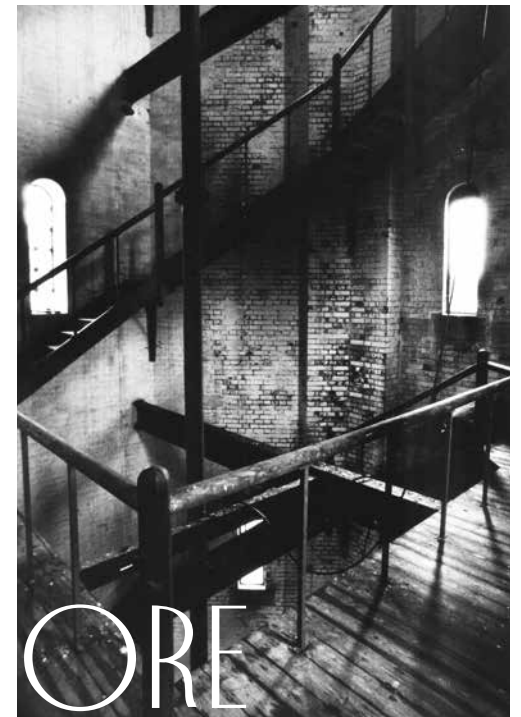
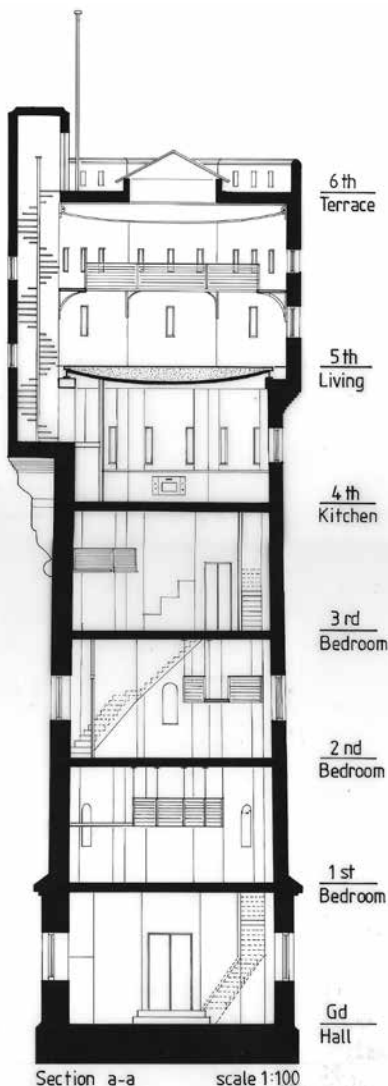
in Surrey, the UK, was constructed in 1898 to supply water to the houses in Munstead and the neighboring villages. The tower, which was in use for almost 70 years excluding the last two decades, consists of six levels. The top floors were accessed by a timber staircase bolted to the inside of the external walls, and running the length of three sides of the tower with quarter landings on each level. On the fifth floor, there was a steel-riveted tank, about 30 feet in diameter. When she decided to turn the water tower into her home, Ar. Elspeth Beard made sure she kept much of the original design, and preserved the tower's industrial look and character.



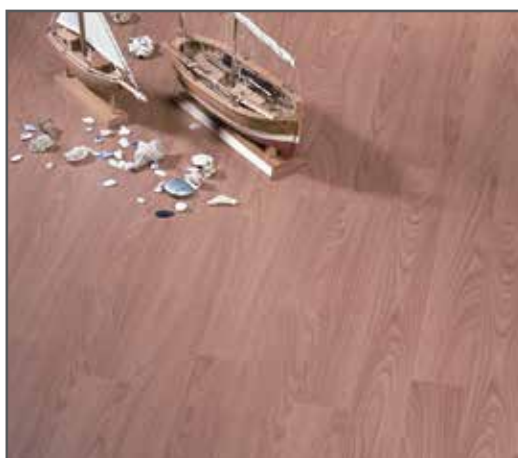


The renovated tower now consists of six floors, with a reception room on the ground floor, and one bedroom each on the first, second and third floors. One large room occupies each floor, and there are 'suspended' bathrooms on the bedroom levels, as well as a gallery within the living room. The kitchen is situated on the fourth floor, and the living room lies above it in a space that was originally occupied by a water tank. Although the walls of the tank were removed, the base was retained to provide a unique, curved-steel-riveted ceiling to the kitchen.

Despite its 19th century origins, the water tower-turned-residence has all the amenities of a modern home, especially when it comes to safety. The building is fitted with a fire alarm linked to smoke detectors on each level, and there are magnetic door holders fixed to the main doors of each room. The staircase provides a one-hour fire-rated enclosed security system with separate, emergency lighting. The restoration project was awarded The Surrey Historic Buildings Trust Award in 1993, The Downland Design Award in 1994, and The RIBA Regional Architectural Award in 1994. if



BEFORE



shades of brown collection : **notion**

Notion's flooring collection in shades of brown is made up of wooden materials with a quality finish. The flooring has decorative grain and color options ranging from the lighter to the richer shades of brown. The products are easy to install, durable, moisture-resistant, have dimensional stability and are cost-effective. Price: On request

Web: www.notion.net.in

'stone passion' tiles series : **antica ceramica**

The Stone Passion series of tiles by Antica Ceramica is inspired by natural stone with reliefs and hypernatural graphics. The products are made from naturally-occurring substances and can be used on decorative walls, terraces, bathrooms, kitchens, floors, halls and such. The tiles are cost-effective and easy to maintain. Price: On request

Connect: +91 9350406688



hag's range of office chairs : **giani's en vogue**



This collection features low-weight chairs which have a mechanism that allows for balanced movement. The product is based on the concept of 'active sitting', where the front edge of the seat tilts upwards on leaning backwards, and down again on leaning forward, thus enhancing blood circulation throughout the body. Price: On Request.

Connect: +91 9999882790



laminated panels : **ply mahal**

Ply Mahal has launched a collection of decorative laminated panels which features textured, pliable panel pieces like sideboards, consoles and cabinets. The pieces are available in four patterns – Eifin, Wooden Grain, Buttons and Polka Dots, with color options in copper, rose gold, bronze, gold, silver and even a wood-like texture. The luxury panels come with a temperature stability of up to 60 degree Celsius. The products are sturdy, durable, easy to install have hygienic properties and are fire resistant. Price: On Request

Connect: +91 98111 95607

kristall and golden-cut bathroom suite: **sternhagen**

Sternhagen has unveiled its artistic bathroom suite collection. The Kristall Suite comes with 3D facets and includes a sanitary basin, basin mixers, tiles and shower diverters. The products are made from materials like the Sternhagen-patented sani-quartz and ceramics available in black, white, gold and silver. The golden-cut suite has WCs, urinals and basins in black, gold, silver and white. Price: On Request

Web: www.sternhagen.com



m-petal chair : **vector projects**



Vector projects have introduced a new range of lounge chair, and the product resembles a blooming flower while providing full support and stability to the body. The five independent petals of the design are in molded foam and fabric cushioning, and the product has solid wooden legs made up of North American ashwood. The collection is available in three colors - dark ash, middle ash and light ash, and the fabric for the upholstery can be customized and selected from seven different kinds. Price: On Request

Email: v@vectorprojectsindia.com



miah table lamps : **pepperfry**

This collection features multiple lampshade designs on the color palette – floral, ethnic, abstract or picturesque, and it comes with the multiple base selections of honeycomb and a conventional, ancient base.

Price: On Request

Web: www.pepperfry.com



'love me, love me not' collection by salvatori: **studiocreo**

StudioCREO has launched the 'Love Me, Love Me Not' table collection which comprises four tables: A substantial dining table, a square coffee table, a modest-sized, round dining table and a small, round, side table. Each product is made in a different marble and has a matt finish.

Price: On request

Web: www.studiocreo.com

geometric design table collection : **idus**



Idus' geometric design table collection has striking designs featuring shapes like the hexagon, triangle, star, rectangle or circles, with a lacquered wood and ox horn finish. The products are made with materials like strong wood pine or mahogany, glass, stainless steel and others.

Price: On Request

Connect: +91 01145888000



Jalis sofas by **cor**

Plüsch has launched the Jalis soft sofa by Cor. The sofa collection has deep seats, cushy backrests and lots of cushions. The product is finished in lacquer, veneer or solid wood, while the cover materials of the upholstered sofas, chairs and beds are fine fabrics and high-quality leather.

Price On Request

Web: www.pluschliving.com

marble furniture collection by abhishek kathuria : **marigold furnishers**

Marigold Furnishers have launched the high-end collection of marble furniture, and the pieces are rendered in materials of exotic wood and metals, featuring a traditional marble top with wooden or steel legs. The collection includes dining tables, coffee tables, center tables and consoles. The products are available in white, grey, green, red, tan, black or beige color.

Price: On request.

Connect: +91 9999777417



room divider cum bookcase : **wisma atria interiors**



Wisma Atria Interiors have unveiled their product, the room divider-cum-bookcase, by international brand Alma De Luce. The product comprises three symmetrical modules and is made of wood, metal and transparent glass. This versatile collection can be used as a non-permanent way of separating living spaces and also used to store favorite books, novels and magazines.

Price: On Request

Connect: +91 11 4107 6115

see the latest products FIRST in IFJ!

AIRPORT LOUNGES

Till a few years ago luxury travel was seen as the preserve of the affluent. Thanks to a shrinking world, upwardly-mobile aspirations of all segments of society and increased spending power, this luxury segment has now come within the reach of all. Generating almost ₹ 14.1 trillion [The Economic Times] and contributing 9.6 per cent of India's GDP in 2016, the travel and tourism sector has become a big money-spinner for the country, with the potential to rake in even more, in the future.

airports set the tone for the adventure that is travel. redefining the concept of premium travel, the new generation of airport lounges is in a race to out-luxe each other with scrupulous attention to deliverables, sophisticated design and high-end facilities. ifj explores the phenomenon of the happy layover



koltsovo airport departure and vip lounges, russia | nefa architects, russia



schiphol lounge 4, schiphol airport, amsterdam | tjep, netherlands



guarulhos, terminal 3, sao paulo airport | studio putman, paris

Travel overseas used to be associated with beautiful, clean and well-functioning airports. Now the idea has been extended to the equally stunning airport lounges, oases for the frequent traveler, which are increasingly experiential spaces. Unlike in the past where, from New York to Paris to Sydney, the provision of amenities at high-end airport lounges was pretty much the same; comfortable chairs, plasma-screen TV, an open bar, free Internet access and such – today airport lounges are competing to provide the best ‘waiting experience’ to fliers.

The aviation business is witnessing competition like never before, and to stand out, these Business/First Class lounge spaces have become critical branding elements for the airlines. The significant increase in travel has also led to the recent mushrooming of airport lounges across the globe, offering travelers more of a premium, with an aesthetically and ergonomically-considered space. Alex Duncan, Design Director (Interiors) at JPA Design, London, shares his views on this. “There has been

an unprecedented increase in ‘New build’ airports, particularly throughout Asia,” he says. “This has led to an increased demand for Business Class travel. And, as a result, we are seeing a trend for luxury airport lounges to become an oasis for the busy traveler. The lounge forms a crucial part of the total travel experience.”

Design elements often must account for the ultra-chic such as a ‘sky deck’, an outdoor terrace offering runway views, a customized selection of music, binoculars for checking out the sights of the runway, secluded areas for work, power outlets and computers, as modern lounges are now upping their game by offering even more luxury: spas, private nap rooms, fully-reclining massage chairs, sleep pods and amenities catering to the increased expectations of first and business class customers. Lounge designers today find that they must cater to the emotional needs of the discerning traveler, who now has an eye for detail and a taste for the extraordinary.



qantas first lounge, sydney international terminal, sydney | marc newson ltd, london

The purpose of the spaces may differ -- to socialize, sleep, eat, play or work – but all these options must be dealt with so as to improve the provisions of the space while keeping it in harmony with design sensibilities. Olivia Putman, designer at Studio Putman, Paris, says: “The main consideration I have is for the people who are going to inhabit the space that I design, and use the objects I put in. I like to enhance the everyday by adding a new spirit and objects to that space. It is not a familiar place, and yet the visitor must feel comfortable. Comfort and calm are the true feelings of luxury that we look for when, for instance, we are jet-lagged.”

While catering to the psychological and emotional needs of travelers, designers have found their way to providing a custom-made experience with individual spaces, custom-made furniture and lighting, duty-free

shopping for jewelry, liquor, and cosmetics, spa treatments, separate cigar lounges, private offices, mood-lit bars, shower-suites, chauffeur-driven transfers and such. And this is quite apart from the provisions that cater, successfully, to tech-savvy travelers. For instance, Brussels Airlines now offers Surface Pro 3s with a digital lounge assistant app.

As Dmitry Ovcharov, Chief Architect and CEO, Nefa Architects, Moscow puts it: “The attributes of VIP-level comfort is in well-thought-out zoning, and in the technical equipment. But I should also say, a feel for the unusual, interesting and a striking space.” Lounge designers have to face other challenges while designing such spaces: a quality gap, a constrained time frame, the risk of going over budget, striking the right note between the airlines’ demand and the budget and such. Alfaz Miller, Principal Architect and Director,

business class lounge, east terminal, mumbai international airport | abm architects, mumbai



vikram singh bawa



domestic lounge, terminal t2, mumbai | abm architects, mumbai
gvk first class lounge, terminal t2, mumbai | abm architects, mumbai



qantas first lounge, melbourne | marc newson ltd, london



ABM Architects, Mumbai, says: "The design must cater to Terminal design standards, engineering and operators' requirements, and passenger comfort and safety."

Apart from offering substantial enhancements to the travel experience, lounges have proved to be a great way for carriers to express their unique character. Alex Duncan says, "Some discerning passengers will make a choice partly based on the quality of lounge on offer. In that sense, the lounge becomes the destination. Where the lounge is privately-owned and therefore either has to attract individual passengers or 'sell' itself to airlines, it

can become a destination if the range of amenities and the quality of the experience are exceptional."

With luxury and design going hand in hand the future paints a promising picture of happy layovers. Hugh Courtney, CEO, Private Jet Charter Plc predicts: "The VIP traveler only wants the best of the best, and that's why these airlines are constantly making changes. With their spectacular, spacious, private lounges, Nordic private spas, luxury dining and executive work facilities, the quality of the exclusive VIP lounge is only likely to improve in the coming years." ifj

vip- lounges kurumoch international airport, samara, russia | nefa architects, russia



Design brief and aim

When creating this space, the designers were unhindered by any kind of conditions – except the fact that the lounge should attract a minimum number of numbers of visitors and assure a reasonable amount of traffic. In the absence of too many constraints, the task for the designers was a simple yet exciting one.

How this was accomplished

Setting up a waiting, relaxation and consumption area before embarking on glamorous trip is in itself a promising design theme, so the lounge was planned as a comfort zone.

The design team attempted a segmentation of space and tried to block out the hum and buzz of the terminal, while creating spaces for both individuals and small groups. This gave birth to a sound-absorbing geometry that partially envelopes the user, creating a private space even inside a crowded area.

The reflections and gradient transparencies, the visual filtering and segmentation plans are means of interference with the pure geometric perception of space by introducing ambiguity and fusion between various surfaces. The parallelepiped shaped objects in the setup are in tune with the emotional charge experienced by people before embarking on a journey, whereas the self-service and food-court areas are

tackled using a more conventional formula. The chromatic characteristics of the floor and soft surfaces in the design are imbued with a generous dose of playfulness.

Happily ever after

The area combines the straight edges of clear geometry with the porous nature of surfaces, with low-optical distortions and a cheerful color palette.



AIRPORT LOUNGE, BUCHAREST, ROMANIA

NUCA Studio, Paris





BUSINESS CLASS LOUNGE, EAST TERMINAL, MUMBAI INTERNATIONAL AIRPORT

ABM Architects, Mumbai

Design brief

The prime design concept was to create a distinctly different experience from other lounges.

How this was accomplished

This recently-completed lounge covers an area of 15,000 sq ft, and has unique zoning features for various functions like the main, the reading, the bar and dining areas. To segregate these functions in a visually-appealing manner, the zones are demarcated with screens inspired by a Google map of Mumbai.

The use of forms, materials and textures perfectly blends to provide a warm and visually unparalleled experience, in terms of appeal and comfort. While the signature artwork at the entrance lobby is a collaborative work by artists Sunil Padwal and Brinda Miller, and forms the most interesting aspect of this project.

Happily ever after

The look and feel of this lounge enhances the experience of departing business class passengers.





sameer parekh

BUSINESS CLASS LOUNGE, WEST SIDE, MUMBAI INTERNATIONAL AIRPORT

ABM Architects, Mumbai

Design brief and aim

The design approach was to create a space appropriate for the luxury of business class travel, as opposed to the luxurious business of travel.

How this was accomplished

Located along the western edge of the building, the lounge enjoys large, transparent façades that overlook the apron. In the interiors, the design scheme composes a sumptuous palette of rich and luxurious materials that reflect local perspectives and Indian motifs. The space is suffused in cool, silvery tones and the many metallic surfaces allow for natural light to be reflected and drawn into the voluminous spaces, while tall, impressive screens help to segregate the internal spaces. These demarcate the casual and informal zones from the private areas. The lounge is reminiscent of Mumbai's streets as represented through maps, 'jaali' patterns, perforated partitions, multifarious decorative elements and large artworks.

The space offers a fresh and bright environment with a generous amount of ambient light, rendering the lounge in a soft glow. The lighting scheme abets the design intention in crafting pockets of intimate spaces, and the circulation tracks and pathways are lined with a series of ceiling-recessed downturned lights, while the dining and relaxation area bear lower, ambient illumination through strategically-placed spotlights and linear LED strips. The bar area bears gloss and glamour with a canopy of blown-glass luminaires and a mirrored backdrop. The polished marble floors are offset by blached screens, with maps of Mumbai punched through them, and somber silver reinvents itself in fabrics, partitions and ceiling panels, rendering the space with cooler hues and fresher tones.

Happily ever after

The lounge replaces grandeur and opulence with a sharp, crisp ambience while offering a welcome respite from tiring travel.



sameer parekh



sameer parekh



sameer parekh



DOMESTIC LOUNGE, TERMINAL T2, MUMBAI

ABM Architects, Mumbai



Design brief

The main challenge was to detail and localize the various interior architecture elements within a tight budget.

How this was accomplished

Situated on Level Three, the lounge is designed to seat over 400 passengers. The space is styled differently, and reflects the design ethos of the terminal building which establishes all that is Indian in an 'international' way.

The plan follows the curved shape of the terminal with kitchen and toilet services planned in the central zone. Unlike other lounges, the main feature is the segregation of various functions, like the main lounge, dining and bar areas, and the foot-massage spa, which is done by screens depicting the lotus, the national flower of India.

Happily ever after

This design has resulted in a spectacular, world-class lounge, in terms of design, decor as well as immaculate service.



Design brief and aim

The client's demand was to create a new, unified and revamped image of Finnair, which clearly differentiates it from others in terms of quality, freshness and ambience.

How this was accomplished

The team at DSign Vertti Kivi & Co. designed the interiors of both the Finnair's Schengen and non-Schengen lounges. DSign's SpaceAlive concept of a changing ambience, is interestingly implemented by the designers in the interiors of the shared-lobby of Finnair's lounges and the premium lounge and, as a result, the ambience - including the lighting, colors, wall patterns and the views of the 'picture windows' - changes in accordance with the times of the day as well as the seasons.

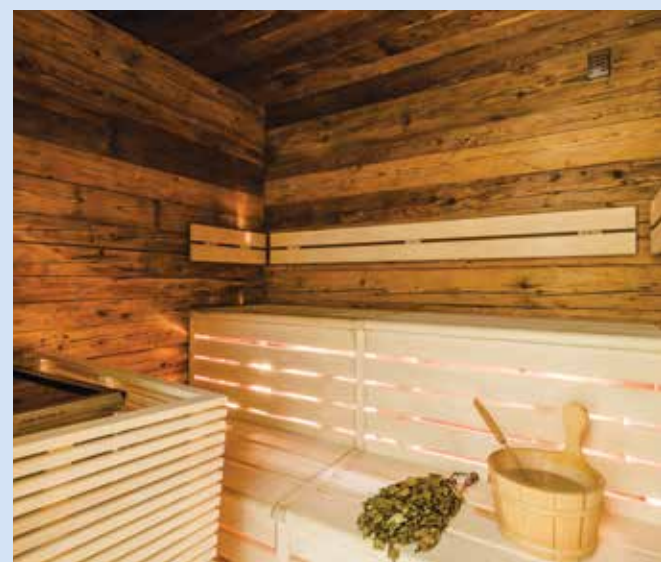
Happily ever after

The space offers a unified customer experience for the whole journey, from the lounge to destination.



FINNAIR LOUNGE, HELSINKI-VANTAA AIRPORT, FINLAND

DSign Vertti Kivi & Co., Finland





GULF AIR FALCON GOLD LOUNGE, TERMINAL 4, HEATHROW AIRPORT, LONDON

JPA Design, London

Design brief

The primary design objective was to create a lounge that would meet the demands of a modern, international traveler, while capturing the essence of modern-day Bahrain.

How this was accomplished

The design of this expansive, 600 sq m space, seamlessly integrates the layout and articulation of the traditional Arabic dwelling. An arched entrance leads to a bright, cool, central courtyard which encompasses a modern interpretation of the traditional Arabic house. The lounge offers facilities like lockers, a prayer room, power and data

connections, fine dining restaurants, spas, massage rooms, bedrooms, VIP lounges, conference and meeting facilities, a cinema, cocktail bars, game rooms, noodle bars and exercise areas.

The design also underpins certain general themes. For example, the central bar is clad in mother-of-pearl mosaic tiles, while some of the walls are clad in horizontal timber planking, which allude to the hulls of dhows. Some walls are finished in specialist-plaster reinforced by marble dust, to evoke the local, exterior plasterwork of structures in Bahrain. There are also subtle references to Bahraini

culture and architecture in the interior design, furniture and fittings, being purpose-fit to convey the desired level of luxury.

Happily ever after

By creating a sense of space, serenity and airiness, and a flavor of the host country in a contemporary manner, the design of the space conveys a true sense of luxury and sophistication.

How green was my project

Most of the materials used are sustainable, like renewable sources of energy compliant with the latest environmental regulations.





GUARULHOS, TERMINAL 3, SAO PAULO AIRPORT

Studio Putman, Paris



Design brief

With an aim to offer travelers a unique environment, the designer was asked to create a multi-functional place representing an elegant and timeless design.

Happily ever after

The design team tried to bring a higher level of sophistication and creativity by adding seduction and elegance into every detail of the place.

How this was accomplished

Located on the mezzanine floor of the departure area, and offering a privileged airport view, this VIP lounge with a capacity for 450 people spans a massive 1,800 sq m. This modern space accommodates a large table which is used for gatherings, along with comfortable daybed alcoves, like little nests which offer privacy. The lounge follows the signature LATAM style -- the understated decor incorporates natural materials like wood, marble, onyx and leather, with colors and details that "aim to represent the richness and diversity of South America".

The spaces are separated by wooden panels that give a warm feeling of quietness and intimacy. The lounge also offers an open bar and six exclusive shower rooms and exquisitely-tiled bathrooms. The dining space, nearly 30 meters long, also offers dozens of options. Technology enhances the space with the incorporation of an entertainment room with individual tablets, video games and a Wi-Fi connection.





Design brief

The mandate was to make the lounge distinctly Indian in design, while effectively using the country's vast wealth of art and crafts.

How this was accomplished

Situated on Level Four, the lounge occupies an area of 14,500 sq ft with a panoramic view of the apron. In accordance with the overall theme, the entrance acknowledges two of India's respected symbols – the national bird, the peacock, and the lotus, the national flower. The former is rendered as a stunning, blown-glass mural behind the hostess desks, while the latter takes the form of a series of eight vertical paintings in bright orange, with impressions of the flower.



The Indian theme continues in the interiors, with the inclusion of an important ethnic architectural element: the *jaali*, which is interpreted in a modern light, in the back-lit bulk heads and screens bearing lotus-shaped cutouts that distinguish and compartmentalize various functions, such as the dining and bar areas, the relaxation and reading areas, and the spa. The art has been curated by a fashion designer with a deep understanding of Indian forms and motifs and bears canvas paintings, blown-glass sculptures, fret-work '*jaalis*' and intricate mirrors, all forming a seamless part of the interiors.

Happily ever after

This effectively curated space treats the global traveler to a uniquely Indian experience of hospitality and comfort.

GVK FIRST CLASS LOUNGE, TERMINAL T2, MUMBAI

ABM Architects, Mumbai



Design brief

The design approach required the architect's consideration of different scenarios: the space as a point of entry, a place of relaxation as well as place of everyday work. These ideas became the starting point to designing the space.

How this was accomplished

The architect constructed two oval structures, formed by sophisticated spatial walls. The central oval, which forms the largest area, is housed in a transparent screen-wall made of decorative, interwoven white pipes and comprises the bars and the food court. The second oval structure has the shopping area, which brings together all the famous brands under one roof. The walls have a crystalline structure with color-accentuated entrances, of perforated aluminum, colored and white glass. The VIP zone frames the elongated space of the hall, with a bar and lounge zone at its first level, mezzanine-level meeting rooms, and shower areas and restrooms at the second level. A volume of shapes,

placed in the center, symbolizes the Ural Mountains.

The overall design recalls a wood-finished labyrinth, which infuses the more snug areas with a warm light. The outside is painted in gray-green with rough textures, etched copper and artistic plaster, creating a contrast of cold and warm light and drawing the visitor into its 'depths'. Groups of high-backed lounge chairs of various designs; a plasterboard wall with in-built lighting; and a light line, a duplicate of a parapet that leads visitors to the mezzanine and the batten-flooring, form an interesting design solution, while adding charm and status to the zone. Contrasting warm colors, yellow with deep-terracotta, bright red to blue, form an interesting color scheme in the departure zone and add to the revitalizing experience of visitors.

Happily ever after

The overall experience provided by this uniquely designed lounge is warmth and comfort to the travelers.



KOLTSOVO AIRPORT DEPARTURE AND VIP LOUNGES, EKATERINBURG, RUSSIA

Nefa Architects, Russia





Design brief

The space was envisaged to convey the feeling of a cozy neighborhood, rather than a gigantic international airport.

How this was accomplished

The lounge covers an area of 2000 sq m comprising two retail sections and a waiting area. For the seating area, the designers have integrated Dutch artist-sculptor Joep van Lieshout's sofa design for Lensvelt, which is spread out like a fresh green, grass landscape. Two prominent stands offer differences in level, with a wonderful slide added, for kids.

The designers have also added a couple of specially-created plane benches, with the provision of over 100 power sockets in the design scheme. Adding the final touch is an M.C. Escher artwork, which beautifully integrates the aesthetics of the lounge.

Happily ever after

The components used in the overall design scheme perfectly blend with the taste of modern-day travelers.



SCHIPHOL LOUNGE 4, SCHIPHOL AIRPORT, AMSTERDAM, NETHERLANDS

Tjep, Netherlands

VVIP LOUNGE, BENGALURU INTERNATIONAL AIRPORT LTD

ABM Architects, Mumbai



Design brief and aim

The brief was to make the lounge space distinctly different from the interiors of the terminal.

How this was accomplished

The space covers an area of 929 sq m, and is equipped with special facilities for the departure and arrival of VVIPs. The VVIP section consists of the main 'ceremonial' lounge, a large boardroom, waiting rooms and a bedroom suite, apart from toilets and a pantry. The design is 'contemporary classic', in the use of its forms, details, materials, furniture and art. The art is a mixture of Indian miniature copies and limited-edition prints

of Indian masters of contemporary art. A dark-wood veneer and Travertine-marble wall cladding is used extensively, interspersed with mirrors on the walls and the ceiling, to give the space a rich look. Leather sofas, custom- designed furniture and decorative side lamps further enhance the look.

How green was my project

The skylight in the reception lounge and large glass windows allow a lot of natural light.

Happily ever after

The sleek and modern design of the space makes the lounge experience a cheerful and luxurious one.



VIP-LOUNGES, KURUMOCH INTERNATIONAL AIRPORT, SAMARA, RUSSIA

Nefa Architects, Russia

Design brief

The Russian city of Samara, was known for its considerable contribution to Russia's space programme. It's only fitting, then, that the airport of the region that has the country's largest missile-producing plant since the Soviet era, be designed with a 'space' theme. The challenge was to create both a comfortable and aesthetically pleasing area for business-class passengers, with a vivid theme.

How this was accomplished

The architectural volume with business lounges 'soaring' under a domed roof in an open space of the airport represents a huge medium to screen the outside. Inside this 1100 sq m space allocated for the VIP lounge, are two business lounges, with common, applied concepts to both domestic and international airlines.

The interiors recreate the aesthetics of the era of space exploration of the 1960s, involving a unique structure that organizes the lounge in the form of a flowing, never-ending wall, highlighted by a luminous end, and including a 'star track'. Podia of different heights further divide this open space into specific zones: the lounge, media and bar areas. The lighting solutions applied complement the general concept with the use of a three-dimensional arrangement, with circles, glowing ends and designer floor lamps. The idea is to provide the experience of being inside space, and allows visitors to see the reverse side of the construction too, with exposed wires and light bulbs giving the impression of being on board a spacecraft. A 'portable' smoking cabin with a view of the airfield, the tubes dispensing meals and the sound of aircraft further enhances the feeling of being in outer space.

Happily ever after

The design reflects the space-related status of the city and allows passengers to imagine themselves in the cockpit of a spacecraft of the future.



QANTAS FIRST LOUNGE, SYDNEY INTERNATIONAL TERMINAL, SYDNEY

Marc Newson Ltd, London



Design brief

The idea of sending out a clear statement about the Qantas brand and its values was the main driving force behind creating a seamless design experience between airport and aircraft in this project.

How this was accomplished

The lounge has the capacity to accommodate hundreds of people as the space comprises an entry lobby in the top level of the terminal as well as 'control tower' style stretched pavilion built over the airport. This pavilion includes reception areas, relaxing areas, bar and dining, shower facilities and a day spa, business facilities and libraries. The comprehensive layout of the main lounge offers both large and open views of the airplanes, as well as of the city of Sydney. A variety of distinct zones with their own function and a wide range of display units, clearly divides these private

lounges offering many levels of privacy, while a marble path links all the private lounges.

The glamour and style features of the early years of aviation were reintroduced with the use of Italian marble, Edelman leather and retro furniture and fittings invoking an earlier time. The exclusive furniture includes leather lounge chairs, recliners and sofas, dining chairs and tables, freestanding lamps in colors of dark red, ochre and subdued warm tones - all of which are inspired by the Australian landscape.

Happily ever after

The space offers the best of conditions for First Class passengers between connecting flights in a comfortable and luxurious environment reminiscent of a time when travel was a thing of glamour rather than necessity. *ifj*



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COMMERCIAL LIGHTING

growth at blistering pace has driven a dynamic sector to grow and evolve with new offerings for a discerning market. ifj throws the limelight on the flourishing industry of commercial lighting

The numbers say it all. With a growth rate of 7.2% (Source : The Economic Times), the Indian market has an assured demand for lighting products across the board. A study by the Ministry of Environment and Forests says 30% of lighting in India is consumed by the residential sector while the commercial building sector consumes about 8% of the total electricity generated in the country and has been growing at 11%–12% annually. The total built-up area of commercial buildings was estimated at 763 million square meters in 2013 (Source : ECO III project); a stock expected to grow annually by 3%–5% and clearly shows the catchment of demand in the sector.



The lighting market is worth US \$1.75 billion, with year-on-year growth of 7.5%, and is stipulated to reach US\$ 2.75 billion (Sources: Emkay Global Financial Services and ELCOMA – Electric Lamp and Component Manufacturers' Association of India). The Government of India's 2016 initiative to replace conventional lights by LED lights by 2019, estimates deploying 770 million bulbs and 35 million street lights which will increase demand and create awareness on LEDs as well.

In India, the lighting sector, particularly, commercial lighting falls largely within the organized sector with a clearly visible high street comprising the vast network of dealers and distributors, as well as the direct routes such as tender or project specified procurement.

India as the second most populous country in the world and fourth largest consumer of electricity has been seeing a widening demand-supply gap in electricity. Consequently, usage of energy efficient products such as LED lighting products is expected to grow in the coming years.

After years of opting for traditional materials, the lighting sector has seen a revolution over the last two decades as new technologies have changed the field beyond recognition, especially in LED. The Indian LED Lighting market was worth around US\$ 3.7 Billion in 2016, growing at a CAGR of around 17.5% during the period 2009-2016 (Source: IMARC Group). Sharmila Kumbhat, Director, K-Lite Industries, Chennai, says, "Commercial lighting has grown by leaps and bounds and has undergone major changes with the advancement of LED as a light source. It plays a major role in all commercial applications and the lighting world has been revolutionized with the invention of white LED.

The rising government support and introduction of innovative LED lighting products by manufacturers has resulted in a reduction in the prices of these products, opening up an array of possibilities to consumers.





a brief history of lighting

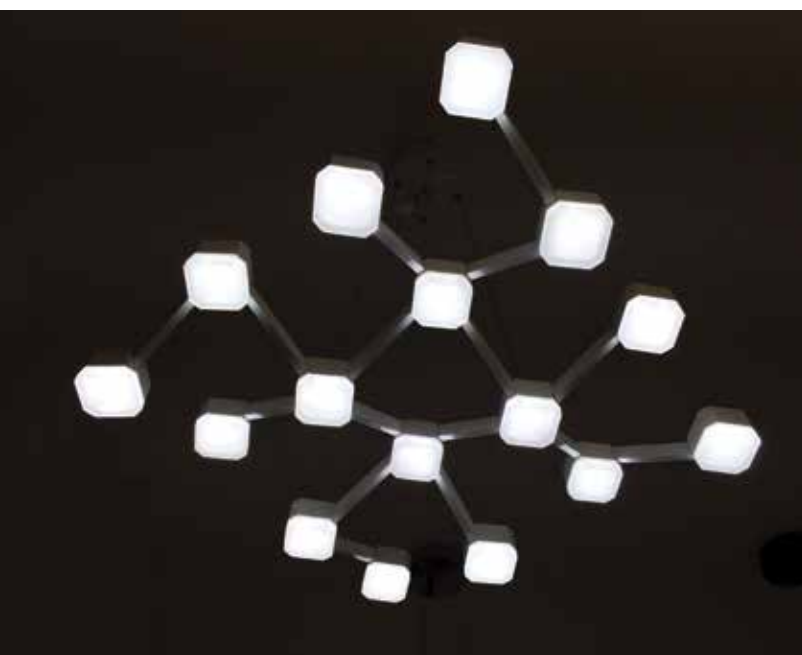
With changing times and increased consumer demand, manufacturers have improved both the quality and quantity of the product through technology and design. The incandescent light bulb revolutionized the lighting world and increased consumer acceptance of new types of lights. The first contender to replace the incandescent bulb was the fluorescent light, which works by driving an electric current through mercury vapor, “exciting” it to produce a short-wave ultraviolet light that makes a special coating inside the bulb glow. In 1980, the CFL was introduced and enabled anyone with a traditional fixture to take advantage of this more efficient, less expensive energy source. CFL lights could

last anywhere from 7 to 25 times longer than traditional incandescent bulbs and save as much as 80 percent of the energy. It was a technological boon for the business owner wanting to lower energy costs while meeting government standards and local building codes.

The latest buzzword in the industry is the LED that illuminates by sending an electrical signal along a semiconductor to create electromagnetic radiation that we see as light. LED lighting became technologically viable around 2006, but didn’t become popular commercially until recently when dramatic reductions in cost and functionality made it more cost-effective and versatile. In fact,

between 2011 and 2012 alone, global sales of LED replacement bulbs increased by 22 percent, and the cost of a 60-watt-equivalent bulb dropped by nearly 40 percent. The introduction of LED lights in the Indian market brought technological revolution to the commercial lighting industry.

The new technologies of commercial lighting create tangible value for business owners, including speedy ROI, low total cost of ownership and high-quality illumination. The next gen of lights - OLED has already entered the commercial lighting industry but will take few years to overtake and flourish given the demand of LED lights in the market.





product trends

Technological advancement in the commercial lighting industry has driven changes in trends, with the new replacing the old, and design trend and technology going hand in hand. Shailesh Tokekar, General Manager – Marketing, Marketing and Retail Lighting, Wipro Enterprises (P) Ltd, Pune, says, “The lighting industry has been undergoing a radical transformation fueled by rapid improvisation in semiconductor technology and the development of LED lighting, as well as the demand for energy-efficient and sustainable solutions. In the last few years, the performance of LEDs has improved in terms of efficiency; high power-high light output LED’s are now available for applications which require higher illumination levels.”

The migration to LED has in turn, stimulated an increase in the installation of intelligent lighting controls such as occupancy sensors, photo sensors, and wireless networks that link them. He adds, “Intelligent lighting technology that enables its users to control lighting through connected devices such as smart phones or tablets is the recent trend in the industry. This upcoming technology helps enhance employee comfort, productivity and safety through personalized control of work spaces, enables performance tracking due to real-time updates on lighting system status. It also provides historical data and analysis to continually improve operations and experiences, thus helping facility managers gain insights and in turn manage spaces effectively. Across the globe, energy conservation is considered one of the most important concerns, and efficient or smart lighting significantly contributes to conserving energy.”

A growing economy needs power to fuel its growth, but this too is a limited resource. Jayanth Jain, CEO & MD, GM Modular, Mumbai, says, “India currently ranks fourth in the world in terms of primary energy demand. The Indian economy has grown rapidly over the past decade. If it continues with

sustained economic growth, by 2030 its primary energy supply, at a conservative estimate, will need to grow about 4 times and electricity supply by 5 to 7 times of today’s consumption. Therefore the use of energy efficient products like LED, home automation etc. has become quite popular in India. With environment safety regulations on the rise, corporate have adopted innovative technology to help restrict energy consumption.”

One lighting format notably slow to migrate to LED technology has been fluorescent tube lighting, mainly due to cost factors. Solar power streetlights are another trend that markets and governments have been trying to adopt slowly as it diverts the market towards environment and sustainability.

The operating cost of lighting in commercial buildings is estimated to be significantly high, and smart and connected lighting provides an efficient and cost effective solution. The major lighting companies see lighting controls as an important part of their business, allowing them to supply system solutions and increasing their share of the total lighting market. They have the technology and products to rapidly increase their share of both LED lighting and its control. The future could be in supplying total solutions or supplying lighting and controls at the product level.

Implementation of energy policies and regulations by the government to limit the consumption of energy supports the development and adoption of smart lighting solutions which will lead to a larger scale proliferation of manufacturing and product reach over the short term future.



manufacture and process

With changing market needs and product offerings, manufacturing techniques have changed too. The growth in product demand has also influenced this. The major shift in the manufacturing process in the recent past has been an increase in mechanized mass production. Sharmila Kumbhat says, "The manufacturing process has now been transformed altogether with numerically controlled machines, digital and automated processes. Such change in approach has become an absolute necessity to scale up the production and ensure zero defect record. The processes are being automated wherever possible and CNC (computer numeric controlled) machines introduced for faster production with lesser number of machines for the same job."



However, despite technological advancement in the industry at large, India itself has seen some lags in both material availability as well as technological up-scaling. Vishal Advani, Director, V-TAC, Mumbai, says, "India is known for its manufacturing of good quality products. However the availability of technology and raw materials is not very good. Hence, it will take some more time for the manufacturers to utilize their complete output capacity, a bit more help for the small manufacturers and help from the government will do good for the growth of the industry."



challenges

All business activity is challenging to lesser or greater extent. Nowhere more so than in a largely unorganized market such as India. The Indian commercial lighting industry has had serious issue with the flooding of the markets with poor quality product from China, which impedes the growth of superior quality, higher priced Indian products. Sharmila Kumbhat explains, "With the onset of the free market and liberal import, coupled with the LED revolution in the lighting industry, the lighting industry scenario has changed. A wide range of luminaires is now available at very competitive rates, by compromising the quality. Many industry

leaders and local manufacturers have shifted their operations or partnered with Chinese companies so that they can compete and survive in the industry." Combating this, the Make in India campaign has actively encouraged the manufacture of Indian products to overthrow the domination of the China-made products in the industry.

Another reason the commercial lighting industry has suffered, is due to the badly-planned tax system. With high hopes on the implementation of GST, Vishal Advani says, "Taxation earlier was inconsistent but now that the GST bill has been implemented, we can expect some more uniformity which will help the industry to grow."



the outlook for the future

The Indian market is set to grow and mark its presence on the world market. With technological advancement a changing demand scenario is expected with the next most likely shift being from LED to OLED. But now, the focus is on energy saving, low energy-consumption and energy-efficient products. Shailesh Tokekar says, "In the last couple of years, there has been tremendous focus on energy savings. Customers are extremely forthcoming in trying out new technologies that deliver high on energy savings. The commercial lighting market has shown a distinct shift away from conventional light sources towards the new energy-efficient lamps. The use of LED-based luminaires and integration of Lighting Management Systems have grown considerably over a period of time. With continuously evolving technology, high power LEDs have now opened exciting avenues for functional lighting."

The new thrust on eco-awareness has created a market for 'green' products. Shailesh Tokekar adds, "Increased awareness on Green is also driving market towards energy efficient lighting solutions. Opportunity in energy efficient lighting is large as we see a clear trend on investment in Green buildings and hence energy efficient lighting solutions." With manufacturing efficiencies, the price of lighting is expected to decline in the coming years, which could drive the growth of the market in the days ahead. ifj

Government..are you listening?

- Impose maximum duty on all imported LED items except the chip
- GST rate should be kept minimal at 5 percent for all LED luminaires to promote Indian-made products.





CIFF Shanghai to be held from 11th to 14th September 2017

The 40th edition of CIFF, one of the largest and most important furniture exhibition and an important business platform of Asia, will be held in Shanghai (Hongqiao) from 11th to 14th September 2017, displaying the leading brands of home furniture, home decor, home textiles, outdoor furniture, office furniture, furniture machinery and raw materials.

The 400,000 square-meter exhibition has planned a furniture event for "Better Life, Better Work," hosting 2,000 brands and 90,000 professional visitors at the National Exhibition & Convention Center (Shanghai) in Hongqiao. The aim has been to enhance the quality of the exhibition and providing excellent service and furniture.



Optimized sectoral layout to make themes complementary

The **Home Furniture sector** has enhanced the integrity of the themes. The clustered layout of the hall will enable visitors to locate their target products quickly and will further enhance procurement efficiency and quality.

The **Home decor & Home textile and the Outdoor & Leisure sectors** have been relocated and these two sectors which are highly specialized and closely linked have a high degree of integration of Whole Home Decor elements.



The **Office sector** will bring together the best businesses operating in the office and hotel furniture industry.

The **Furniture Machinery & Furniture Raw Materials sector** has been systematically modified to display the complete range of materials and accessories, furniture machinery and brands, in order to strengthen the entire industry chain.

CIFF constantly looks into developing reality, committed to looking for new industry opportunities for its exhibitors and visitors. Impressive events such as East Design Show, Pinnacle Awards Asia-Pacific Awarding Ceremony, Trade Matching, China Interiors & Decorations Conference, Office Life Pavilion will present an exciting visiting experience.

A leader in China's furniture exhibition industry, CIFF is an essential trading platform for the global furniture industry at NECC, Hongqiao on September 11-14. [ifj](#)



architects share their views on issues that affect the industry

TO LEED OR NOT TO LEED?

the importance of green ratings and ranking in real architectural situations



Ar. Sheila Sri Prakash,
Director and Chief Designer,
Shilpa Architects Planners Designers Pvt. Ltd.

“Five-Star energy savings, Madam”: this was the request, recently, from a client who wanted to develop a new commercial building with the ‘best Green features’. The good thing is that people understand now that the cap-ex investment is definitely worth it, especially in the long run, given that this directly helps remove reliance on the electricity grid, as well as lowers the monthly power bills. It is a long-term winning strategy, so obviously at Shilpa, we are happy to accommodate this request. But then the next aspect comes into play: To rate or not to rate the building? Many clients like to say, let’s put in all the features, let’s do everything to save the money, but let’s not try for a rating because that would be an additional investment.

In some cases, we do agree that there are certain elements of the more prominent Green rating systems which can seem a little questionable at times (our favorite being the usage of carpet in hot, humid climates), but in this article I am going to focus on the top three advantages of pushing ourselves just a little more to get that rating, and what the best pay-offs can be.

1) Wearing it as a badge of honor-

This is something that the realty market at large has caught wind of. Displaying that shiny plaque at the entrance of the building, is a royal way to show everyone that this is a built environment where one can EXPECT to have a high quality of indoor air, a very conscious usage of materials and, in general, a space that is thoughtful of energy and its usage in every way. From marketing to post-occupancy, this is a feel good factor, which cannot be achieved without a rating awarded, or a level of certification that is universally recognized.

2) Mechanisms to constantly measure and verify-

The adoption of a rating system is not a one-time deal. There are constant measurements that are being recorded which monitor the building’s performance. While many buildings can be designed green, it takes a lot of maintenance for it to be performing green as well. Therefore, unless the project team pushes

to get a rating, there is no recorded data of whether the performance is the same gold standard that the design was intended to be. For example, when designing our very own LEED India NC Platinum-Rated Global Design Studio, there were many ‘first-time’ systems which were not completely captured by the simulation software. There were many points of interpretation that had to be left open. Now, with over a year-and-a-half of data through constant measurement (our indoor air quality is measured and recorded four times in a working day), we are able to confidently say that our system is performing as well -- if not better -- than the design. The savings from our mechanical systems are as predicted, and if not for having a stringent measurement policy (thanks to the LEED Rating System) we could have remained a well-designed space only in theory.

3) Education through Innovation-

Indian design is frugal, responsive to various climatic zones and to the use of locally-available materials. Shilpa’s designs have always drawn on these sensitive solutions to functional requirements, with an inclusion towards the traditional arts and construction methodologies, which makes the buildings passively sustainable. However the rating system, due to its tiered structure and requirement of certain prerequisites, compels us, as designers, to force certain policy and spaces that will form a part of the sustainability programming for the building. Right from the mandatory no-smoking policy (which is intrinsically tied to the health of the occupants), to the requirement for a Solid Waste Segregation and Recycling policy. These types of prerequisites ensure that there is an overall level of Green education that is instilled into the occupants from Day One of being in the space. You cannot smoke in these spaces, and definitely have to adhere to our ‘Swacchh Bharat’ ideal!

So if you are thinking Green, and are spending the money to ensure certain sustainable measures, let’s push it just a little more so we get recognized, and can ensure our design is performing Green and improving society by educating people through innovation in design. if

tushad dubash: DUVILLE ESTATES

after making their mark in shipping with a definitive presence over two centuries, duville industries have now entered the real estate business with their flagship project, riverdale in kharadi, pune

Pioneering maritime entrepreneur Behram Dubash set up Duville Industries in 1810, with shipping as its mainstay. The company has prospered for over two centuries, driven by the high benchmarks it has set for itself in terms of ethical practice and value creation for customers. Tushad Dubash, who currently heads Duville as Director, is a fourth-generation entrepreneur and has further built on the company's values and customer-focused approach.





Tushad Dubash,
Director, Duville Estates

Spread along the banks of the Mula Mutha River in Pune, Riverdale is the flagship project of Duville Estates which is being built in stages, starting with Riverdale Heights, and followed by Riverdale Residences-I, Riverdale Residences – II and Riverdale Grand. “We construct our properties with utmost care, and aim to satisfy the needs of our valuable buyers, since customer satisfaction is paramount for us,” says Director, Tushad Dubash. “Duville Estates’ properties are landmarks planned with passion. We aim to provide great end-user experience and ensure timely delivery of projects.”

Amenities and services are high on the list of priorities for the developers. Dubash adds: “Duville Estates provides a distinctive range of world-class leisure amenities and functional facilities in and around the tower. We believe in providing an enhanced end-user experience, and thus incorporate [as much as possible of] Nature in our projects.” Due to restricted space in the surrounding areas, it has become necessary for the developers to plan and design the complex in such a way as to cater to all the essentials committed to buyers. “We are providing amenities such as car-free landscape podiums, library and lounge areas, a clubhouse located at the podium level that perfectly complements the landscaped gardens, a children’s play area, a half basketball court, tennis courts, a mini football ground, a cricket pitch with nets, a swimming pool along with a children’s pool, a fully-equipped gym, a yoga studio, a jogging track a walking trail and a senior’s area with reflexology paving.”





The group also ensures that the living spaces are built keeping in mind the principles of Vaastu. Tushad Dubash elaborates: “The projects are Vaastu-compliant and aim to provide peace of mind, health, success and prosperity in life. The large windows ensure maximum sunlight inside a home, along with fresh air, thanks to cross-ventilation. This natural light and circulation of air results in healthy spaces. Moreover, the high ceilings provide a sense of spaciousness and increased utility.”

On the spurt of growth in luxury residences in the country in recent years, Tushad Dubash says: “India is a growing economy, and every customer at end of the value chain, is constantly looking to upgrade his or her lifestyle. With an increase in disposable income and exposure to global trends, the more affluent customers of





today, want a life of total luxury. They want their homes to be a reflection of their persona and their status, which is why the market for luxury residences is going to keep increasing. Luxury is a combination of a coveted address; vast, private spaces; world-class design and state-of-the-art amenities. As more and more projects are set up to cater to this growing demand, it's the responsibility of developers to ensure that customers get what they want."

Duville prides itself on paying great attention to research on the consumer mindset, from conception of the project right to its execution. As Tushad Dubash adds: "Every project requires a study of various market factors and scenarios in order to move forward. Before a project begins, a full, feasibility study is conducted where the market is analyzed, and the findings cross-referenced with regulatory norms and financial imperatives, to take the project forward."

The past few months have been a roller-coaster ride for developers in India. The introduction of the Real Estate (Regulation and Development) Act, also known as RERA in building circles, has met with mixed reactions in the industry. "If the consumer buys something, he has the right to know the real value of the product," says Dubash. "There are many real estate developers who are financially sound, but not recognized. RERA will bring with it a presumption of transparency. The procedure will take time, since there are many steps before its enforcement, especially in a climate of laws with little clarity. But it will eventually be beneficial to the growth of the industry." if

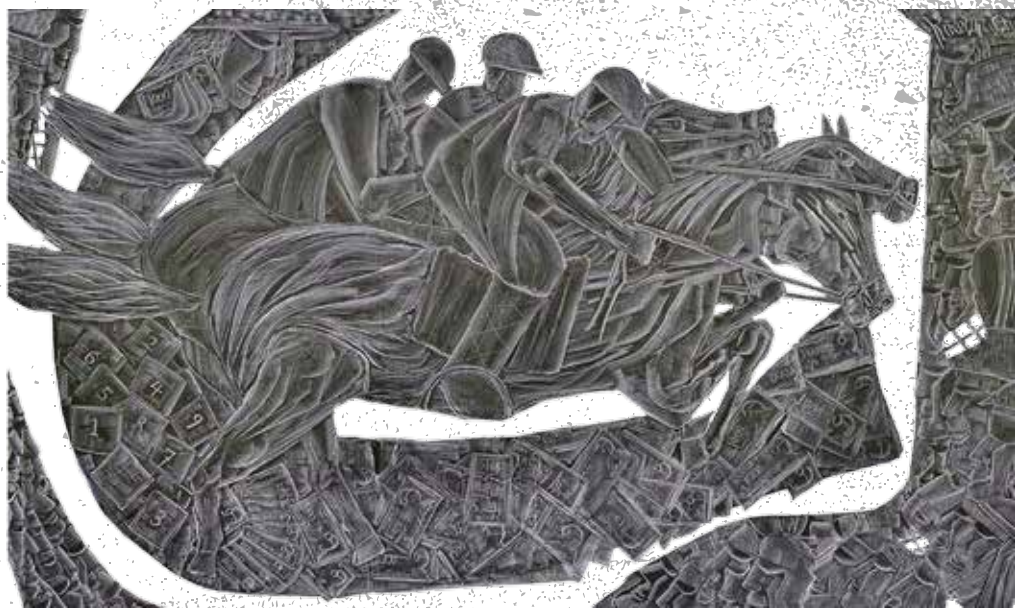
ifj artist at work: KIRAN CHOPRA



Born into a family of patriots in Gwalior, Kiran Chopra is an artist who specializes in abstract, figurative and landscape paintings along with the magic of black and white. The artist has developed a unique style of painting as she carves black art work onto a white canvas giving it a third dimension which results in a sculptural quality, where figures seem to be in relief on the canvas. She says a work in progress is to achieve a vast expanse of a white canvas with this black and white technique, in her own innovative manner. Also a poetess, writing in Hindi, her poetry has become an inseparable part of her paintings, which show the different essences of crowded cities as well as the peace of idyllic villages.

When asked what her inspirations were, she says, "Being an art student, paintings of masters like Paul Gauguin, Salvador Dali, Vincent van Gogh, and MF Husain kept me inspired during the initial days of my art journey. I was lucky to have a mentor like SM Kazi Sir who showed me the right path and encouraged me to become what I am today. Also artists like Baburao Sedvelkar, Harish Raut, Shanti Chopra along with art critic Nadkarniji had immense faith in my unique technique because of whom I am recognized for more than my black and white paintings."



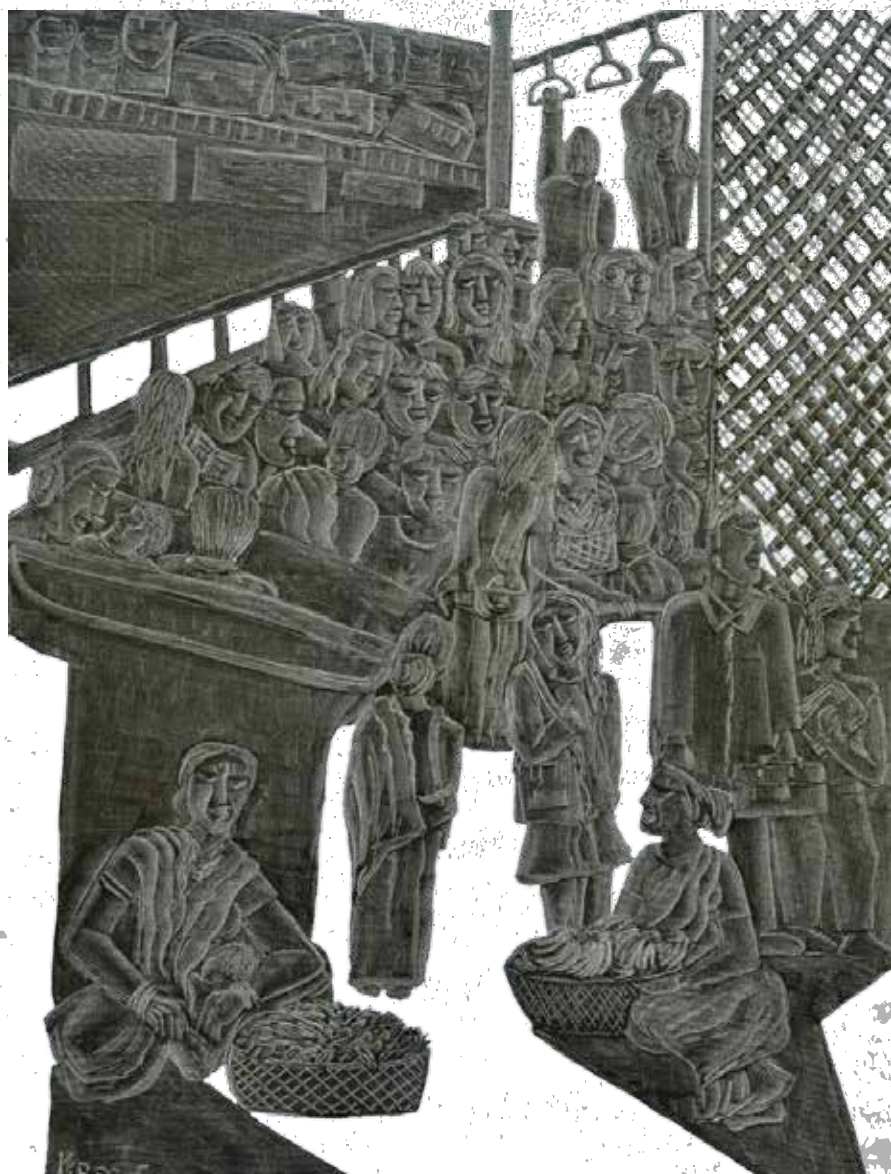


She tries to explore close knit human emotions with her art, to introduce an element of realism. She says, "I love to explore human emotions and their impact on our surroundings. Love, hatred, compassion, envy - all these emotions fabricate things that give a face to our society." Recently, she showcased a few of her works that focused on big global issues like population and increasing dependence of humans on machines which drew attention to these social issues.

An artist always has something to say through their art. Kiran Chopra says, "I think the most important thing in today's time is to be happy. My paintings and sculptures have elements and the message of spreading happiness. Apart from that I would also like to raise awareness on the current issues like global warming, wars and terrorism which are pulling us away from happiness.

Kiran Chopra's work has been displayed at 30 solo shows in India and abroad. She has won the National Award in 2003 for the Best Painting from the All India Fine Arts and Crafts Society, Delhi; the Best Painting award in 2003 award from the Birla Art Academy in Kolkata; All India Exhibition of Art in Shimla; 1984 Best entry in SNTD College at Mumbai.

Note : Her works are available for viewing or purchase at Aura Art +91 93288 77000
harmeet@auraart.in, www.auraart.in



light india international to be held from 19th to 21st, january 2018

Light India International 2018 (LII 2018), the major lighting exhibition, is to be held in Mumbai from 19th to 21st January 2018 at the Bombay Exhibition Centre. The event theme is LED & Solar and it will address the smart city electrification concepts in India through seminars and product display which is organized by the Indian Society of Lighting Engineers (ISLE).



LED & SOLAR

A Sustainable Development

19-21 January 2018, Mumbai

Bombay Exhibition Centre, Mumbai, India

the 3rd edition of estrade real estate and built awards announced

The 3rd Edition of the Estrade Real Estate and Built Awards, 2017 will be held on 6th October, 2017 at the Grand Corphorne Waterfront Hotel, Singapore. The award celebrates the highest levels of achievement by various organizations and professionals in the Real Estate Sector.



supertech to invest rs 750 crore in its retail & commercial segment

Supertech Limited is investing Rs. 750 crore to develop 25 lakh sq. ft. areas in the retail and commercial segment, spread across Delhi-NCR. The development will take place in Supertech's key commercial projects – Supernova, E square, and North Eye.

blum india opens a new showroom in mumbai

The new subsidiary of Blum India has recently moved to its new office in Mumbai, showing its commitment to the Indian market. The new premises were officially opened in Mumbai on 27 April. The company has assured that it will continue to work with its longstanding partner Häfele India.



saint-gobain india pvt. ltd - gyproc business launches habito, a solution in the gypsum board space

Saint-Gobain India Pvt. Ltd - Gyproc Business announced the launch of Habito™, its gypsum board. A new variant in the drywall space Habito™, is installed like any other gypsum board, but it allows the users to fix items and give greater flexibility with the space and ease the process of loading on drywall.

hgh india 2017 inaugurated by textile commissioner, ms. kavita gupta

The 6th edition, HGH India was inaugurated by Ms. Kavita Gupta, Textile Commissioner and Guest of Honour, H. E. Mr. Erdal Sabri Ergen, Consul General, Turkey. The annual trade show for Home Textiles, Home Décor, and Gifts and Houseware in India presented more than 500 brands, manufacturers, and importers this year.



sobha hartland offers opportunity to own forest villas in the heart of the city

The Sobha Group has announced its latest offering – Hartland Estates Forest Villas at Sobha Hartland. The project is resort-style luxury housing, encompassing 8 million square feet of freehold community in Mohamed bin Rashid Al Maktoum City. It is a \$4 billion mixed-use development, strategically located in the heart of Dubai.



anj turnkey projects is the gold partner of cii realty and infrastructure conclave maharashtra

ANJ Turnkey Projects Pvt. Ltd. has teamed up with CII Realty and Infrastructure Conclave Maharashtra that started from 7th July, 2017 at Hotel Trident, Mumbai. The attendees of the event were prominent people from the industry, such as Ramesh Nair, Chairman – CII Realty and Infrastructure Conclave, CEO and Country Head – JLL India; Abhishek Lodha – MD, Lodha Group, Niranjn Hiranandani, Co-Founder and Managing Director – Hiranandani Group, Neel Raheja, Group President – Raheja Corp; Mohit Malhotra, MD and CEO – Godrej Properties Ltd.



Artisan crafted furniture by Kenji Matsumoto, Auroville

(Japanese tea service table and lantern in yellow-cedar with western red cedar shoji screen).

Handcrafting wooden furniture and artefacts is akin to creating fine art and it requires one to explore the subtle aspects of the wood - its inherent aesthetic qualities, texture and inner grains.

Kenji Matsumoto, a craftsman who specializes in Japanese style furniture – both traditional and contemporary with his design style following the expressions of linear and organic forms, believes in exploring the ‘very spirit’ of the wood while bringing it alive through his expressive art. Kenji primarily uses Acacia as it is readily available but however, being an artist he yearned to work with wood which was similar to what’s found in Japan.

Kenji Matsumoto missed working with Hinoki, a wood species indigenous to Japan and used the opportunity to try Yellow-cedar, the Canadian equivalent of Japanese Hinoki, to produce a beautiful Japanese lantern and tea service table and followed it up with a small shoji screen in western red cedar. Sharing his experience while working with Canadian Wood, he says, “To me, it (yellow-cedar) resembles a silken canvas exposed to the rays of a mild sunset. It is also a matter of sensitivity on the side of the observer, but at times, you may catch a glimpse of the spirit of the tree gazing back at you. Yellow-cedar contains a notable quantity of oil that has a special fragrance. There is something unique about coexisting with such an aroma, because it is directly linked to the tree’s core – its spirit, which goes beyond thought, judgement, or ego. I believe my experience with this wood will provide considerable incentive for craftsmen to choose “Canadian Hinoki” or yellow-cedar as we call it, for fine quality furniture.”

Product Merits:

- Canadian wood species from British Columbia (B.C.) have attractive grain, color and strength; the qualities prized in producing superior wood products.
- The material possess straight grain which permits the fine finish, it is free of grain tear, green building material with multipurpose applications and long-term performance.

Email : info@canadianwood.in
Connect : +91 22 49221600



impressive industry showing at india's design event for interiors: INDEX FAIRS 2017

The 29th edition of India's leading international interiors and design show, was launched by an eclectic VIP panel comprising Arti Kirloskar, Artist and Patron of the Arts, Rosimar Suzano, Hon. Consul General of Brazil; Soungoun Kim, Hon. Consul General of the Republic of Korea; Niranjana Hiranandani, MD Hiranandani Constructions & Chairman, NAREDCO; Mr. Mukesh Mehta, MD Silver Group & Vice Chairman, NAREDCO; Ar. Prem Nath, Architect Prem Nath and Associates, Mumbai; Ar. Reza Kabul, Architect Reza Kabul (ARK), Mumbai; Dilip Dahanukar, Chairman, Dahanukar Foundation for the Arts, Mumbai; Kim, Kyewon, Chairman, Korea Federation of Furniture Industry Cooperatives, Seoul Korea and L A Khan, MD & Founder UMG INDEX Fairs, in the presence of leading industry members, designers, celebrities and other dignitaries. The 4-day show saw a focused trade, business and professional visitor count

of over 22,759 from India and overseas, apart from an almost equal count of general footfall, enhancing the visitor count to a great extent.



where the industry meets

The show boasted over 200 companies promoting over 2500 brands including country presence from Korea, China and Turkey, along with prestigious brands like HSIL, KAFF, Pepper fry, Nilkamal, K-Lite, Trezure, Selimoglu, i-Guzzini, Saint Gobain India Pvt Ltd, Simpolo Ceramics, AGL Ceramics, Oasis and several others. The fair connected manufacturers and traders dealing in furniture and fittings, OEM white goods, accessories, lighting and a complete range of materials, kitchen, office and hardware for contract use, with architects, interior designers, builders, project managers, consultants, procurement heads across the hospitality, corporate, government, kitchen and bath sectors. L. A Khan, Managing Director, UBM Index Fairs, said, "Our 29-year-old flagship trade show, Index, the only B2B show catering to the industry in India, enjoys a close connect with the key members of the industry. In addition, through our strategic alliances, we have a strong relationship with leading professional bodies. The 29th edition of this show will continue to serve as an industry

platform for the trade community to harness the huge potential and contribute to the growth of this sector."

Index is supported by important industry and professional associations such as All India Hardware Association (AIHA), Hospitality Purchasing Managers Forum (HPMF), National Real Estate Development Council (NAREDCO) and several other associations of traders, architects and designers.




THE TIMES OF INDIA



KFFIC





knowledge forums

Index Fairs' partnership with leading design publication IFJ has seen knowledge forums such as the IFJ seminars and focused industry meets such as the **Round Table and panel discussion Workspace 2017: Deconstruction and Reconstruction of Offices**. This boasted the who's who of the architect fraternity engaged in the workspace arena, with speakers Ar. Ninad Tipnis (JTCPL Designs), Ar. Kalhan Mattoo (Planet 3 Studios), Ar. Kshitij Limaye (Sankalpan Infrastructure Pvt. Ltd), Ar. Swapnil Sawant (Workspere Architects), Ar. Bharat Yamsamwar (Team One Architects), Ind. Des. Somnath Dutta Roy (Idea Matrix), and corporate procurement heads Dr. Abhijit Sarkar (Sharekhan), Shakti S. Chauhan (Reliance Retail) and Sanjeep Samanta (Samsung). The seminar threw light on the Workspace industry in India and offered an understanding of design-based value addition in such projects and ended with a dynamic interactive session with the audience and student teams present.





industry networking events smoking hot ! and the indexcellence awards



Smoking Hot ! an evening of presentations and awards was an occasion for power networking and interactions which can only happen at a platform like Index ! The event was attended by prominent industry leaders, corporate heads and leading architects and their teams and commenced with the set of International presentations from the respected Trade Commissioners Hon Juan Alcazar, Spain; Hon. Dr Nahid Rashid, Bangladesh; Hon Joao Rodrigues, Portugal and the Chairman of the Thai Furniture Industries Association, Mr Jirawat.



This was followed by interesting industry presentations by Indian suppliers on new and innovative products before moving on to the much-awaited awards function, the Indexcellence Awards.



The awards for architects started with iconic members of the profession, Ar. Christopher Charles Benninger (CCBA Designs Pvt. Ltd.), Ar. Prem Nath (Architect Prem Nath and associates) and Ar. Uttam Jain (UCJ architecture & environment) being felicitated for their years of dedicated work in the field of architecture with Lifetime Awards. Keeping in mind that several prominent consultancies are led by husband-and-wife teams, the very first Indexcellence Awards were conferred on several well-known architect-couples :Ar. Annkur Khosla (Annkur Khosla Design Studios) and Ar. Faquih Kaif (Faquih and associates), Ar. Prashant and Hemanti Sutaria (Prashant Sutaria Architects and Planners), Ar. Kalhan Mattoo and Ar. Santha Gaur Mattoo (Planet 3 Studios), Ar. Sanjay Puri & Ar. Nina Puri (Sanjay



Puri Architects), Ar. Alan Abraham & Ar. Anca Abraham (Abraham John architects), Ar. Krupa Zubin & Ar. Zubin Zainuddin (ZZ architects) for their contribution to the field of architecture & design.

This was followed by awards to the chart of respected builders from NAREDCO and the awards to Index partner associations All India Hardware Association, Association of Furniture Manufacturers of India, Hospitality Procurement Managers Forum and NAREDCO.

The evening came to a dramatic finale with exciting music and dance performances including an interactive session with the members of the audience.



ifj – bamboo edition launch

Day three of the fair saw the launch of the IFJ Special Bamboo edition launched by Ar. Bobby Mukerjee, Ar. Conrad Gonsalves and Ar. Nitin Killawala. The event was followed by a musical performance by Ar. Conrad Gonsalves, Ar. Nitin Killawala and their team members which was a surprise element in the evening of informal interaction.



art and design appreciation

The focal area of the fair was the Central Design Atrium, a space for design contemplation and interaction, conceptualized this year by the Creative Head of IFJ, to offer both visitors and exhibitors a place to meet and network, as well as participate in the many events and interactions of the fair. The concept this year was **'Talking Heads, Talking Design'**, inspired by the sculpture of Sagar Rampure's Atma Parichay series and the vibrant tones of the new Index logo.

The Art Enclave, in association with Aura Art, showcased the work of artists and galleries across India with an

impressive display of fine art, sculpture and photography. Balancing art with design, the **India Design Pavilion**, the immensely successful initiative to offer a focused platform to Indian designers, provided a platform to designers Jaipur rugs, Takshni, Alankaram, Bent Chair and Mihir Fayzee among several others, to showcase their modern and innovative design while the Focal Design Exhibit conceptualised by National Institute of Design offered students of this prestigious school for design, a commercial platform to interface with the trade and architect community.

The Art Enclave
managed by Aura Art Development Pvt Ltd



The well known **Kudos Gallery** saluted great work through project displays of eminent architects.





FAD ! FURNITURE, ART & DESIGN

Index Fairs showcased its trademark line up of design-led and commercial companies with a striking range of furniture, accessories, lighting and *objets d'art* and international country pavilions





CONTRACT

CONTRACT

The well-established section focused to the contract market, where architects can directly specify for their projects saw a very professional line-up of offerings in the kitchen and workspace segments, with some impressive live kitchen displays. The array of materials and intermediates for contract fit-outs ran the gamut from flooring to wall coverings and tile surfaces, in the India Tile Pavilion, a new addition to the fair.





INTER-FURN

Index Interfurn is now an institution in itself being the largest trade platform and meeting point for the entire architectural and furniture hardware industry.





INTERNATIONAL PAVILIONS AT INDEX

INTERNATIONAL PAVILIONS : bring in the best the world has to offer to the growing Indian markets and range from high design furniture and lighting from Italy, Turkey, to high quality offerings closer to home, from China, Korea, Taiwan and Malaysia.



SALONE DEL MOBILE

4-9 april, 2017
rho fiera , milan, italy



An event that needs no introduction, the Salone del Mobile, has come to be the benchmark event for tradefairs worldwide. The magic lies perhaps in that peculiarly Italian capacity to stand in the face of adversity and come out a winner. Sergio Mattarella, President of Italy puts it succinctly, in his opening remarks at the 56th edition, "This is not merely a display of exhibits, but also of a business culture that symbolizes a method of working together with a particular approach to modern manufacturing."

With 343.602 attendees in 6 days from 165 countries, the figures confirm the awesome presence of the Salone del Mobile, the biennial EuroLuce and Workplace 3.0 pavilions. More than 2,000 exhibitors overall, 34% from countries other than Italy, were split between the Salone In645p;ternazionale del Mobile, the International Furnishing Accessories Exhibition, EuroLuce, Workplace3.0 and SaloneSatellite.

The fair brings more than design inspiration to the industry, it breathes commercial life into the city of Milan, a particularly important gift in the faltering business environment. The synergy between tradefair and city is underscored by Salone President, Claudio Luti who says, "Enormous numbers of visitors, not necessarily with links to design, have made their way to Milan to experience the thrill of this Salone and of the city itself. Thanks to the collaboration of all the institutions working in the city, Milan has been even more beautiful and welcoming than ever. Milan alone can lay claim to the Salone del Mobile and its industrial enterprises with their links to the creative and publishing world and close ties to the city."

This last edition marked the 20th anniversary of SaloneSatellite, in which more than 650 designers and 16 design schools took part.

The 20th anniversary of the design exhibition was celebrated by a special exhibition at the Fabbrica del Vapore.

At the close of the event, Claudio Luti called it, "A moment at which culture and industry become an international benchmark and an exemplary model for an Italy that works. It's been an exciting week, full of positivity and enthusiasm from the companies, which showed themselves off to best advantage, from the creative genius displayed by the architects and designers and from the huge numbers of visitors who flocked to Milan to check out the latest innovations at the Salone and experience the buzz of the city".

The next edition of the Salone, along with the biennial Bathroom, Kitchen and FTK (Technology For the Kitchen) exhibitions, will be held from 17th to 22nd April 2018.



A few companies lead the market in design, laying a path that others can walk on or deviate from, and so the story develops and grows.

What the forward block point to is :



More organic forms:

forms mimicking nature so table tops are no longer square or rectangular they are lakes or ponds as in the Zanotta Tweed table and Sir Gio's Star-like center-support or heavenly bodies, like Planet from Tokujin for Kartell. Materials evoking earth are seen in Patricia Urquiola's Trama for Kartell.



More mixed media. More copper. More copper plus marble, stone and laminated mdf. See Zanotta's Niobe.



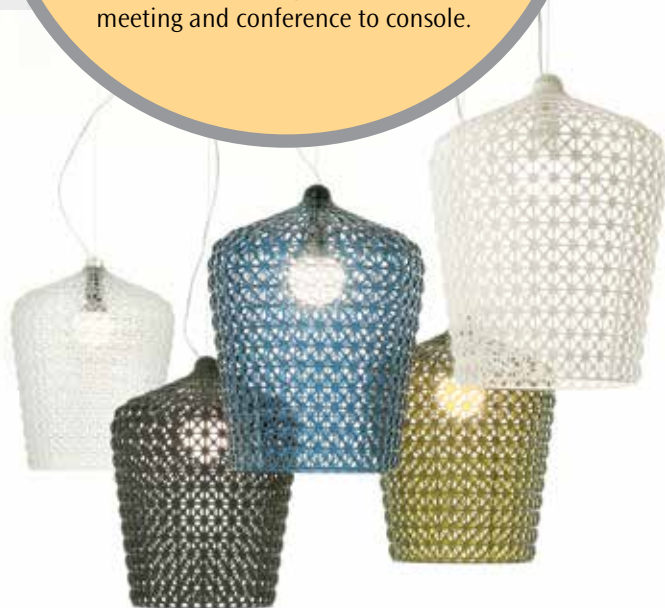


Small material surprises. Mixing materials and re-discovering some, such as copper. Interesting mix-and-match in Cyborg Daisy from Marcel Wanders for Magis and the Zanotta Judy armchair and its surprise on the back.

Minimal and industrial. Simpler, cleaner, less fussy more minimalist lines merge with industrial to create a new, 21st century elegance.



Relatives and family are in ! Providing a complete market solution for larger and smaller spaces, or to flow from one space of a home or hospitality project, to the other is Ferruccio Laviani's Kabuki family for Kartell : Mini, Maxi and Suspension; Sir Gio and Blast from Philippe Starck for Kartell, and Tweed and Calamo from Zanotta and Kensaku Oshiro's Holo table for Kristalia that glides with ease from meeting and conference to console.



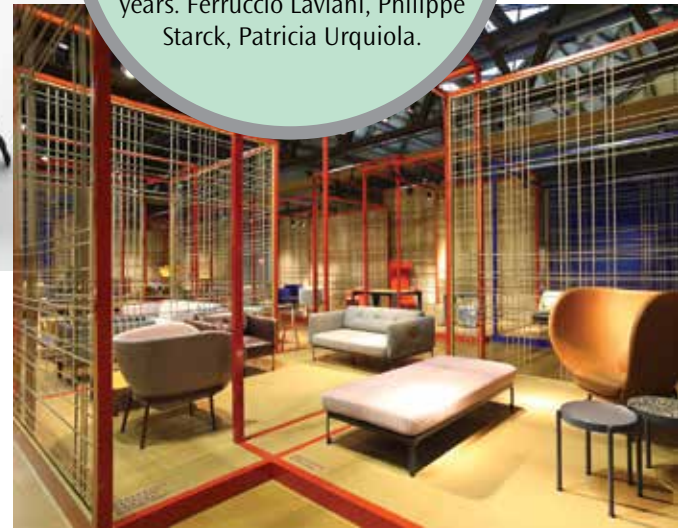
Sector specific offerings : make more sense in the present market environment such as Generic by Philippe Starck for Kartell.



Material innovation : from the trusted and old seen in cast iron Konstantin Grcic for Magis, from the iconic Chair_One, to Ettore, the cast-iron mule made for Magis's 40th anniversary as a symbol of the company's tireless spirit. Holo uses sheet metal, softly moulded to form. While Serralunga pushes the boundaries with a new super-glossy lacquer finish, evoking a metallic look for its well known rotation-moulded furniture.



Building on own known competences : Kartell showed off new collections with innovative design from their own chart of designers who have worked with them over the years. Ferruccio Laviani, Philippe Starck, Patricia Urquiola.



The classic and extensions. So appreciated by Italians and the world; the Chester Sofa from Poltrona Frau, Piper Sofa from Rodolfo Dordoni for Roda and classic styling such as the weave for the Arena lounge series and Fjord and the Urquiola sofas from Moroso.



AUGUST

3th-5th CHINA - SHANGHAI www.chinaluxehome.com	LUXE HOME SHANGHAI INTL. LUXURY LIVING & INTERIOR FURNISHING EXHIBITION
4th-6th INDIA - CHENNAI www.woodtechindia.in	WOOD TECH INDIA EXHIBITION ON WOOD & WOODWORKING INDUSTRY. WOODWORKING MACHINERY, TIMBER & LUMBER, WOODEN DOORS & WINDOWS, FLOORING, POWER TOOLS, FITTINGS & ACCESSORIES, PARQUETRY, FURNITURE & FURNISHING, FIXTURES, RAW MATERIALS
9th-13th BRAZIL - SAO PAULO www.designweekend.com.br	DW! DESIGN WEEKEND INTERNATIONAL DESIGN FESTIVAL
11th-14th CHINA - HOUJIE, DONGGUAN www.gde3f.com	3F FURNITURE FAIR INTERNATIONAL FAMOUS FURNITURE FAIR (DONGGUAN) (3F)
19th-22nd IRELAND - DUBLIN www.ifhs-tradeshows.ie	IFHS FURNITURE AND HOMEWARES FURNITURE AND HOMEWARES TRADE EVENT
24th-26th PERU - LIMA www.fenafor.com	FENAFOR INTERNATIONAL FAIR OF MACHINERY, EQUIPMENT, MATERIALS AND SERVICES FOR THE LUMBER, FURNITURE AND CARPENTRY INDUSTRY
25th-27th HONG KONG - HONG KONG www.idffhk.com	IDFFHK INTERNATIONAL DESIGN FURNITURE FAIR

SEPTEMBER

Event	Dates	Location	Website
THE LIGHT SHOW DEDICATED DECORATIVE LIGHTING EXHIBITION	3rd-6th	UNITED KINGDOM - BIRMINGHAM	www.autumnfair.com
MTM INTERNATIONAL FURNITURE FAIR	5th-8th	POLAND - OSTRÓDA	www.mtmostroda.pl
CIFF FURNITURE FAIR CHINA INTERNATIONAL FURNITURE FAIR	11th-14th	CHINA - SHANGHAI	www.ciff-sh.com
CHICAGO CASUAL MARKET INTERNATIONAL CASUAL FURNITURE & ACCESSORIES MARKET	12th-25th	UNITED STATES - CHICAGO, IL	www.casualmarket.com
FC. FURNITURE CHINA CHINA INTERNATIONAL FURNITURE EXPO	12th-15th	CHINA - SHANGHAI	www.furniture-china.cn
FURNICA FAIR OF ACCESSORIES AND COMPONENTS FOR FURNITURE	12th-15th	POLAND - POZNAN	www.furnica.pl
DECOREX INTERNATIONAL EXHIBITION OF INTERIOR DESIGN PRODUCTS	17th-20th	UNITED KINGDOM - LONDON	www.decorex.com

simply dynamic



Today's workplaces never stand still.

Neither does Transteel: seating that has constantly evolved over two decades. Designed and built to respond intuitively to every movement. With contours that align seamlessly along the new corporate milieu.

NAREDCO LEADING THE WAY FOR REAL ESTATE

with the core mandate to spread awareness on the real estate industry of india, while keeping ethics and transparency in perspective, the national real estate development council provides its aims, objectives and aspirations for the effective growth of the sector



Mr. Niranjana Hiranandani,
President, NAREDCO West

The National Real Estate Development Council

(NAREDCO) strives to be the collective force influencing and shaping the real estate industry and seeks to be the leading advocate for standards for efficient, effective and ethical real estate business practices, valued by all stakeholders of the real estate sector and viewed by them as crucial to their success. NAREDCO works to create and sustain an environment conducive to the growth of the real estate industry in India, partnering industry and government alike through advisory and consultative processes.

inception of naredcO

The National Real Estate Development Council (NAREDCO) was established as an autonomous self-regulatory body in 1998 under the aegis of the Ministry of Housing and Urban Affairs, Government of India. It was the year that the Government of India redrafted the National Housing & Habitat Policy, giving due significance to the Housing and Real Estate industry. The formation of NAREDCO was widely appreciated by the Indian real estate industry as the apex national body for the overall industry and visualized as a single platform where the Government, industry members and public could use to discuss various problems and opportunities and rapidly resolve issues. The organization has helped increase transparency and ethics in the real estate sector and transformed the hitherto unorganized industry into a mature and globally competitive business sector.



aim and objectives

Since its origin, NAREDCO has worked for development and promoting the Council For Housing And Real Estate and the sector in India. Primarily, the organization works to improve standards of operations and ethics in business transactions relating to all aspects of the real estate business from actual building construction work to communication and marketing. Ethical practices in the industry too have been prioritized by the organization for the better growth of the sector. Rajan Bandelkar, Vice President, NAREDCO – West, says, “The organization believes in developing standards for efficient, effective, and ethical real estate business practices, valued by all stakeholders of real estate sector and viewed by them as crucial to their success.” With the help of NAREDCO, the real estate sector has been in the public eye and there much awareness has been spread about the industry. Talking about the guiding principle of the association, he adds, “It’s about excellence and high standards of operations based on just and equitable principles in transactions relating to various operations of real estate business including building, construction and marketing.”

activities and its growth

NAREDCO has enhanced consumer confidence in various housing and real estate projects; and with the help of leading rating agencies promotes rating of developers and their projects on various parameters including title of property, financial resources, track record of timely project completion, quality control, pricing mechanisms, deliverance etc. Explaining the activities of the organization, Rajan Bandelkar says, “NAREDCO organizes meetings, conferences, workshops, and knowledge seminars on issues relating to real estate, building construction and allied activities.” After the implementation of GST and RERA act,

NAREDCO had recently held a knowledge seminar to create awareness about the regulations in the country. Government has also been supporting their activities to grow the sector. He adds, “There are six Joint Secretary level officers from Government of India and they are part of the governing council. Timely suggestion and guidance are exchanged with government through the council. NAREDCO is visualized as a single platform where government, realty and banking, allied industries, and public would discuss various problems and opportunities face to face which would result in speedy resolution of issues.”

NAREDCO has been formed by the developer fraternity for the upliftment of the industry. Talking about the growth of the organization, Rajan Bandelkar says, “The NAREDCO started with six member organizations in Delhi, and now has more than 3280 members across India including its state chapters in various states. The implementations of various reforms as RERA, PMAY (Pradhan Mantri Awas Yojana) etc. are few of the biggest achievements.”

aspirations

The NAREDCO aims to spread awareness and growth of the real estate in the developing economy of the country. The State Chapters of NAREDCO have been actively working for the welfare and realty development of their respective regions. NAREDCO has taken up the initiative of participation in various committees and task forces to formulate real estate policies for proper reform in the sector. The hope for a better, more transparent and cohesive governance for the sector are high, based on the recent acts passed by the government. Rajan Bandelkar, says, “NAREDCO seeks a clear, transparent practice in Real Estate, safeguarding the consumer interest. We believe the introduction of RERA and GST will prove to be milestones in the sector’s growth and that the industry will scale new heights in the coming decade.” if

about mr. rajan bandelkar, vice president, naredco west

Rajan Bandelkar has been in the real estate business since 1980 and has developed projects at Mulund Thane and Pune completing projects covering over 3.8 million sq ft with ongoing projects of over 6.2 million sq ft. He is an active member of the organization and has been serving as the NAREDCO Vice President – West since 2013 and also serves as a board member of the Maharashtra State Board of Technical Education.



ar. ravi sarangan: EDIFICE CONSULTANTS PVT. LTD.

simplicity and universal appeal make up the heart of ar. ravi sarangan's creations, leading to the growth of edifice as an architecture firm that fosters creativity, out-of-box thinking and collaborative work, but always puts people first.



There's a saying that when life gives you lemons, make lemonade. Ravi Sarangan, Principal Architect, Edifice Consultants, Mumbai, lives by this pop-culture proverb and 'goes with the flow', when required, with aplomb. He believes that one needs to learn something from every experience that life has to offer. "In life, everything happens by chance, and we need to capitalize on it," he says.

For Sarangan, this idea took root during his days as an architecture student at the prestigious Sir JJ College of Architecture, Mumbai. "Whatever you are as an individual, your foundations are created during your professional course," he says. In fact, he adds, the beautiful, sprawling campus itself was his greatest teacher, providing an environment of freedom and inspiration. "It was a great learning experience," Sarangan reminisces. "We learned from our professors, from our juniors, and even from our workshop technicians and canteen boys. But it was always fun." However, he credits one teacher, Prof. Chandawarkar, with giving him the invaluable insight that one must keep architecture solutions simple enough for the human being to relate to the space.

Sarangan says "humility is the critical quality required for any profession", and reflects this basic principle in almost all his work today. Among other things, it's what has helped him grow Edifice from a small outfit to a large operation with over 200 design professionals and one of the best portfolios in the business. "We have grown with information technology, and tough times have made us more efficient, made us something of a large family operating in a healthy work atmosphere," he says, in a sum-up of his office culture.

Over the years, many verticals have been added to Edifice's basic structure, such as hospitality and healthcare, corporate architecture and interiors, master planning and such. But it's not just about growth. Through it all, Team Edifice is constantly searching for ways to improve: Not just its own practice, but the industry as a whole.

Residential and commercial architecture is in dynamic growth mode in India today. But Ar. Sarangan takes a very philosophical view of this. "If the client splurges money, it means that a carpenter, a mason and other, sundry artisans also get to make money, which is great in economic terms," he says. "But there should be a logic to the design and the materials used. While it is an architect's job to give shape to the client's ideas, design requires a dialogue, a clear and open communication between the two."

Ravi Sarangan's work is imbued with the idea of sustainability; he believes that people need to adopt and embrace the principles of 'reuse, reduce and recycle', till it becomes a way of life. He also feels that that haphazard, "non-sustainable and non-contextual architecture" has led to irreversible deterioration in the cityscape of developing places like Noida and Gurgaon. But that, Sarangan is quick to point out, is collateral for an emerging economy – soaring

aspirations in a developing country like India can often result in hasty and immature architectural decisions. Still, he hopes that as the country matures, so will its citizens' perspective of good architecture. He says that by 2025 or 2030, India's burgeoning middle class, which travels abroad frequently, will have also honed its sensibility for fine art and architecture. Sarangan takes quite a socialistic view when he hopes that artistic and elegant structures will not just be a preserve of the country's well-to-do. As the disparity between the classes narrows, thanks to technology and a robust economy, the humbler sections of society, too, will demand and expect aesthetic living spaces.

Ar. Sarangan is dead against the 'cookie-cutter' approach saying, "Every space is a unique solution and should speak to you." Conversely, the end-product should also transform the occupant. "If it is an office, it must also try to improve efficiency with a lot of positivity; if it is a hotel, the guests should feel pampered and comfortable; if it's a hospital, the patients should feel energized, and that's what an architect and his team must strive for." It's only fitting then, that Ar. Sarangan's advice to freshers relates to viewing a space in a holistic manner. "Be original in your thinking," he says, "But also respect the fundamentals of architecture – the context, the cost and of course, the client."



BNP Paribas

Category: Corporate Interior

Location: Guindy, Chennai

Concept:

The client wanted a contemporary space and ambience, so after exhaustive conversations and site analyses, Team Edifice was inspired to choose 'glocal' as the theme for this project. The design approach drew on Chennai as a city, a neighbourhood and a home, and this formed the metaphor for the workspace.

Design Elements:

- The entire office is on a raised floor, finished with bright, staggered carpet. The spine has rafter ceilings, which visually pierce the enclosed spaces, making the spine corridors look wider.
- The open office has a modular ceiling with linear light fixtures integrated into it. This creates a visually-subtle ceiling space, and the modular workstations below add some colour to the dark-grey carpet base.
- The cross walls were finished in a corrugated profile and were made of corian (a sturdy, abrasion-resistant material), which adds the desired gloss to the various cross-overs.
- The central collaborative zones have a different character, due to the use of different ceiling and flooring material, which provides the much-needed relief for the two, packed work-zones.
- The floor plates have different types of collaborative zones with different furniture settings; an open lounge to enable small team meetings, with the facility to project on a TV screen, touchdown counters with high stools, to provide an alternate workspace or facilitate the working of people who come from other BNP office for a short term.
- 'Dead walls' have been planned for local artwork and graphics to be put up, indicating the local influence on the modern setting of the office floor. This adds to the 'glocal' flavour.





Sayaji

Category: Hospitality Architecture

Location: Kolhapur

Concept:

The project is part of a mixed-use development, comprising a hotel and retail outlets, located in a prime section of the city. The design of the building aims to provide the royal city of Kolhapur with its very first luxury experience, while keeping in mind its rich, cultural heritage.

Design Elements:

- The hotel and retail outlets are designed separately, while keeping the facade common to both.
- The building plan is created in a way that best utilizes the available site. The building block is located in the centre of the site to allow for a picturesque landscaping of the surroundings.
- The facade is designed interactively to overlook the landscape areas all around. The hotel block sits at an elevation with double-height spaces, which gives the appearance of a grand entry
- The hotel caters to six different F&B outlets, placed at various levels in different places, to providing guests with varied dining experiences and views.



Cipla

Category: Corporate Architecture

Location:

Erected at Plast - India Exhibition at Pragati Maidan, Delhi

Concept:

Leading pharmaceutical company Cipla wanted a research and development facility with a corporate office at their campus in Vikhroli, in the first stage of a complete overhaul of the campus that would, over time, make this the company's main facility in India. Hence, the design would have to embody the ethos of the company, ie, optimal quality without the superfluous trimmings. The challenge lay in the adaptive reuse of the existing basement, and part of the superstructure in steel and concrete, while incorporating the functional requirements of Cipla and salvaging as much of the structural elements to integrate with the new design.

Design Elements:

- The design team envisaged a landmark facility for Cipla, which would be energy efficient, maximize interior flexibility and promote a user-friendly work environment.
- The final form, taking into consideration the existing built-up area, was conceived so that the central space of the campus opened up. This allowed for the large foreground of the campus to be appreciated right from the entry.
- The new structural grid was derived by integrating new columns with the existing framework. Large, column-free spans in the lab area optimize the utilization of space.
- A single bar development is proposed, bridging the North and South core blocks, thus facilitating a better foreground for the building.
- The exposed, inclined North-core shear wall would be the branding wall. The superstructure, over the existing basement, is planned with long and narrow floor plates to allow natural light into the work zone, providing a refreshing view of the central landscaped court.

The sensitively-handled amalgamation of the new, functional spaces, with the retention of the existing built form into an elegant, useful but aesthetic edifice, sets this design apart.





Syntel

Category:

Corporate Architecture

Location:

Illusions, The Acres Club, Chembur, Mumbai

Concept:

The project was envisaged as a high-tech software development centre with a contemporary feel, to act as a brand vehicle for the company.

Design Elements:

- The site is a Greenfield project, a composite of two land parcels with a minor connection, and a master plan uniting these parcels in the form of a contiguous landscape armature.
- The design adopts a distinct, dynamic curvilinear form, rather than a regular, gridiron plan.
- The design of all the software development blocks is modular, with slender, curvilinear floor plates planned around an oval, open-to-sky, landscaped court. These blocks are proliferated over the site, responding to the climatically-appropriate orientation, and the desired view and access of the central landscape feature.
- The working zone gets diffused natural daylight along the linear facade. The heart of the site is marked by the presence of a plaza, bounded by the cafe and the welcome block. The welcome block is designed as a kiosk, immersing its occupant in a lush landscape.





Bhartiya City

Location:
Bengaluru

Concept:

The project is envisaged as one of the Bengaluru's largest planned urban districts, with an extremely rich and diverse program mix and one of its premium business destinations. Deemed to suffice the needs of a progressive community, Bhartiya City is conceived on the fundamental principles of sustainable place making.

Design Elements:

- This ambitious, mixed-use, development project is planned over 100 acres, near Bengaluru International Airport Ltd. (BIAL) incorporating 3.2 million sq. ft., of residential, commercial and entertainment projects.
- The residential district of the project, houses Nikoo home – it contains apartments, studios, lofts, penthouses; among ten other housing options and it is designed for a wide spectrum of Indians.
- Bhartiya City strives to increase productivity, by creating a happy workplace and living place, as the occupants will have privileged access to all that a sprawling city can offer within the radius of a few minutes. ifj



SWITCHES: CLICK TO CONTROL!

in the age of smart devices and automation, the humble electric switch is changing. not only are the modern versions beautifully designed and more pleasing to the eye, they now allow the savvy user to bring an entire house under control with just the flick of a switch!

With over 500 brands manufactured by more than 100 major companies, the electric switch sector in India is rapidly becoming more organized. Anchor, Havells, MK, Legrand, Philips, Wipro, GM, Honeywell, GE, and Orpat, among many others, are now designing products of impeccable quality and superior aesthetics, which cater to the evolving demands of the discerning user.

With technological innovation, all modern-day comforts are now related to 'smart' gadgets, from lighting, fans and kitchen appliances to entertainment systems. And switches, which play a vital role in making these gadgets function effectively and safely, have had to transform from simple pieces to more advanced devices bearing a range of options that allow customers to do exactly what they want (and its more than just turning things on and off). So today, apart from their basic function, switches can do a lot, including accenting the interior décor of a home, offering safety and energy efficiency of their loads. Sameer Saxena, Director-Marketing at Legrand India says: "Switches, too, have come a long way from the white board and enormous sizes, to sleek, modular forms which complement and blend with the interior of a house or building."



new technology for smart products

The journey of evolution has been relatively slow compared with other products, as switches have retained the same look and function for years. It's only the recent drive towards technology, and recent trends in décor, that have influenced an improvement in switches. Companies have had to innovate making switches all about contemporary design, higher operational efficiency, ease of installation, advanced functionality and low maintenance with people being more selective about what they want in their homes. 'Sleek and smart' is the base-level necessity: switches now must be multi-functional, operating the lighting, the curtains and entertainment hubs; there must be diverse color, texture and operating options, such as 'one touch', 'soft touch' and 'push button'. Alok Hada, Director, Anusha Technovision Pvt. Ltd., Delhi, says: "We have various colors now, as well as glass, wood or stone-finish switches, so they can blend in better. We even have 'designer' switches in fashion statements of gold or crystal, which look nothing like switches. But about ninety-nine per cent of switches are still the same 'toggle up and down' variety."

Going a step further, switches are now being imbued with various green and energy-efficient qualities as well. Some come equipped with humidity or occupancy sensors that use infrared, ultrasonic and multisensing technology to turn off when there is no one in the room, while others have lighting controls such as dimmers, timers and keypad panels. Legrand's Saxena adds, "The wide range of wiring devices from Legrand include products across functions, such as USB chargers, lighting control, remote-controlled units, skirting lights for passage areas or staircases, and sensitive switches which operate in on/off mode with a mere wave of the hand."

But switch manufacturers are not resting on their laurels. They foresee a lot of design-oriented changes in switches in the coming years, and are preparing for them. "The year ahead is going to bring two types of trends," says Anusha Technovision's Hada, "First, 'designer' switches are going to increase in terms of choice and price. Exclusivity demands a premium. So while new players (particularly from Europe) are going to enter the market, the existing



players are going to bring a higher-end range to cater to the market. Second, the automation keypad is going to replace the current bank of switches for lights in many homes, as people become more aware, and accepting, of automation."

It's not enough to disrupt on design and function. Safety must keep up, especially with electrical products. The new 'advanced gliding technology' eliminates interference from possible sparks from other appliances; insulated looping in the wiring offers extra power, comprehensive child safety options and triple-protection technology that makes switches safe to touch with wet hands, among other things. At a minimum, the new switches are shock and fire-resistant, and use materials such as high-quality polycarbonate material, now a must for high-end, modular switches and touch and motion-sensitive switches. This implies a continuous R & D process as Legrand's Saxena says, "The Legrand product design is rooted in an ongoing analysis of societal trends and technology trends that influence user-behavior."



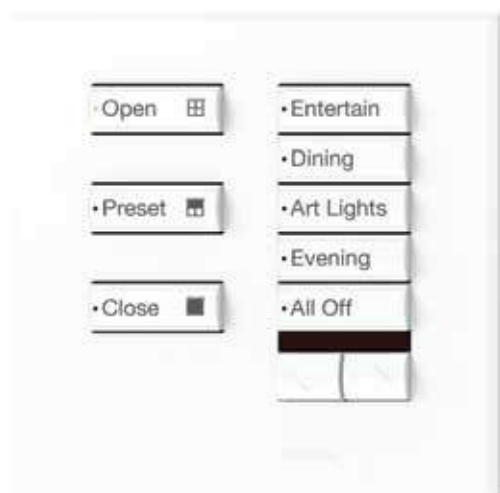


design disaster to design enhancer

From being an embarrassing necessity, to being seen as a design product, its been a long path for the basic switch. Designer and modular switches are used to enhance the visual appeal and interiors of homes and are available in a swathe of color options and a range of mounting plates where many customized combinations may be created to suit the decor. "Our automation keypads come in a variety of finishes," says Hada. "They are easy to understand as each button is custom-engraved and linked to the lighting automation system, and hence achieves the perfect ambience by providing preset lighting controls."

The collaborative effect of technological advancement, updated electrical and safety codes, design innovation and sustainable practices have led to the creation of a whole new world of switches. Adherence to international standards and design and the use of cutting-edge technology has resulted in noiseless and effortless products. Lutron offers a keypad comprising eight buttons in a three inch by three inch square that can replace a bank of switches, where one button can turn operate the lights, another the fan speed, a third can turn on the music in the room, and the fourth can lower the shades. The keypad is available in multiple finishes of glass, metal and plastic, and in multiple colors, with backlit buttons.





Legrand too offers versatility and global vision in a design inspired by modern technological devices, such as flat-screen TVs and digital photo frames which offers a wide choice of finishes and all control functions in two shapes of rocker switches, square and round. The two latest products from GM Modular comprise a collection of switches, dimmers and fan regulators, where customers can either use a single switch to control one light or pair it with a second switch or dimmer to control the light from two different locations. Another product uses wi-fi or 3G or 4G technology to control and monitor lights, fans, blinds and other electronic devices mobile connection through the GM i-Fi app, from practically anywhere in the world. Anchor offers a residential automation system equipped with a feather-touch interface, enhanced aesthetics and stylish designs for all of the accessories.

These high-end products with their elegance and advanced tech options have shown that technology can work wonders when incorporated with design. And the future will only demand more and more of this: more efficiency and enhancements in IoT-enabled wiring devices, for instance, which can connect and operate via Bluetooth and Wi-Fi; remote-access switches that are compatible with, and operated by, smartphones. As Hada sums up saying, "Switches will be nicer looking and would work, not as standalone, but be a part of an 'eco-system' of gadgets in the house." if



AR. SACHIN GOREGAOKER

architects do the talking, as they wander through the world, pointing to architectural and design features they have loved along the way



The Leaning Tower Of Pisa, Italy

The Leaning Tower of Pisa is a structure known for its unintentional tilt. Not many people know that it was meant to be a perfectly vertical bell tower for the Baptistry next door, but it began to lean to one side during construction due to the soft ground. The white marble colonnade with Corinthian capitals, which wraps the tower, has impressively identical and intricate detailing on each pillar. The internal spiral staircase is also made of white marble, and winds all the way up to the observation deck where seven huge bells are located. This deck provides a 360-degree view of the Tuscan city. Advanced research in engineering and extensive restoration procedures have resulted in the installation of a solid iron column right through the atrium with anchors at various levels. This has gradually reduced the tilt by several inches.



The Colosseum, Rome, Italy

The grandeur and scale of this monument is unbelievable. This is one structure that, we believe, needs to be seen and studied by all engineers and architects for the engineering marvel that it is, as well as for its architectural detailing. The fact that it was built more than 2,000 years ago to seat over 55,000 spectators, plus another 10,000 standing, goes to show how advanced Greek and Roman architecture was – even though this was a stage for barbaric bloodsport and deadly combats between gladiators and animals.

Remarkably, it took only 10 years to build this massive structure, which has 80 arched entrances, each with an identical layering of bricks and Travertine stone for arcades. This stadium can be used as a template for stadia design even today.



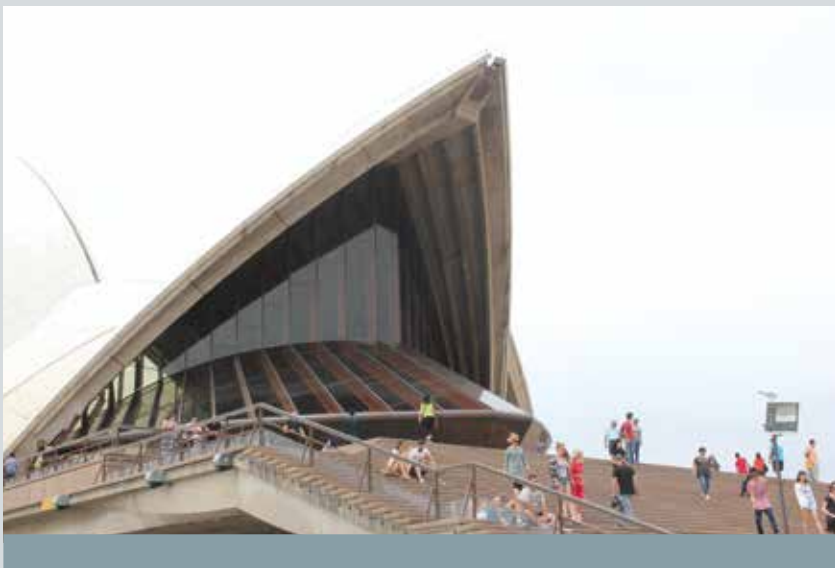


Ar. Sachin Goregaoker,
Director at GA Design
Shami Goregaoker, Interior Design and Project Manager,
GA Design



Harbour Bridge, Sydney, Australia

The Sydney harbor bridge is believed to be the sixth-longest-spanning arch bridge and the tallest steel arch bridge in the world. The most distinctive feature of this bridge is that it is entirely made of steel and it supports rail, vehicular, bicycle as well as pedestrian traffic between Sydney CBD and the North Shore. The massive pylons on either side housing tourist look-out points, are made entirely of granite and it is said that the bridge can stand even if the pylons are removed. The dramatic view from the summit of the bridge -- at 440 feet above water level -- includes the harbor and the iconic Sydney Opera House. This engineering marvel is made up of thousands of tons of steel imported from England, and is held together by six million Australia-made rivets.



Sydney Opera House, Australia

This performing arts center has a modern, Expressionist design, with the focal point being a series of precast concrete shells. Although the shells appear white from a distance, they actually bear patterns created with glossy white and matt-cream tiles. Adding to this are the huge glass walls and a façade clad with pink granite. The grand steps leading up to the auditorium, and the huge podium surrounded by open space, are also used as an amphitheater for shows and events. This iconic structure is not just the face of Sydney, but the whole continent. Sitting at a café by the harbor, taking in a view of this beautiful monument, makes for an incredibly unforgettable experience.



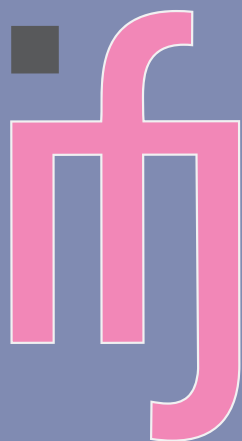
Canton Tower, Guangzhou, China

This 600-meter-tall observation tower looks like a bunch of twisted pick-up sticks, on a scale that is unimaginable. The narrowest part, or the waist of the tower, contains an open-air skywalk where visitors can climb. The high-speed elevator with a glass floor, which takes you to the mid-level, sets the tone for the adventures to follow. The steel steps are interspersed with glass mid-landings, making the climb more thrilling for adrenalin junkies. At the observation deck on the top floor are two amusement rides and a speed-drop ride that are definitely not for the faint-hearted! There are 16 glass bubble cabins holding four to six passengers each, travelling on a tram-like track on the edge of the roof circumnavigating it. The most remarkable feature of this tower is the lighting at night. The tower appears to glow and emit light, rather than being lit externally.

Roman Forum, Rome, Italy

The Roman Forum is a collection of ancient ruins of government buildings and market places with iconic columns that are several feet high. What is most striking is the intricate and painstaking process of its restoration. If you see the Roman Forum, the Palatine Hill and the Colosseum in totality, it takes you back in time and shows you the grandeur of an ancient civilization. The Palatine Hill, as the name suggests, is an elevated area where the brothers Romulus and Remus are said to have ‘founded’ the Roman Empire and still has some outstanding surviving structures. The Temple of Saturn rests on a pediment of Travertine stone and was built in honor of the Roman god Saturn, with its eight, majestic Ionic columns still standing. The columns are made with pink and grey granite, while the capitals are carved Thasos marble. Within the temple once stood a statue of Saturn and remained the center of attention for centuries. if





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