FUTURISTIC TECHNOLOGY.
ENRICHING EXPERIENCES.

KONE Care™ 24/7 Connect

ENHANCED TRANSPARENCY
24/7 PEACE OF MIND

ADDED SAFETY FEATURES
TRUSTWORTHY PERFORMANCE

TO KNOW MORE, REACH US AT 1800 425 4888

Corporate Office: Prestige Centre Court, 9th Floor Forum Vijaya Mall, No. 183, NSK Salai, Arcot Road, Vadapalani, Chennai - 600 026. www.kone.in
THE SMART CHOICE FOR KITCHEN

- Smartek Drawers
- Tandem Pantry Unit
- Rolling Shutter
Signature UV Resistant Exterior Cladding Panel has been tested for its UV Resistance Properties by a leading German Test House and certified its conformity to EN 438-2-2016.
A KITCHEN PLANNED WITH
PERFECTION & PRECISION

8 RANGE OF MODULAR KITCHEN
MORE THAN 200 COLORS
5 YEARS WARRANTY

We ensure you a Kitchen that looks
- Aesthetically Awesome
- Supremely Spacious
- Excellently Efficient
- Purely Perfect

www.aranciakuchen.com  follow us on 🖤  aranciakuchenindia

MGS magazine
Hardware Solution for Aluminium & uPVC Doors & Windows

ISO 9001:2008 Certified Company
- Aesthetics & Durability as the focus
- Customized finish covering the entire spectrum
- Products with Warranty & Tested Product Cycles
- One stop destination for complete Aluminium & uPVC Doors & Windows

PEGO Hardware
- 28/1/8, Site-IV, Industrial Area, Sahibabad, Ghaziabad (U.P.)
- 4899, Hauz Qazi, Delhi - 110006
  Ph: 91-11-23213774, 41515035
  E-mail: info@pego.in, Website: www.pego.in
- No. 2/227F Erangattu Thotham
  Rasiplayam, Sulur, Coimbatore - 641402

For Sales North: 8929070621, South: 8929070623, West: 8929070625, East: 9319623434
Creating Visual Masterpieces for Years to Come
Globally Since 1966

COLORBOND® Edge

- Superior Design Flexibility
- Decades of Research & Innovation
- Enabled with THERMATECH® Technology
COLORBOND® steel is Forest Stewardship Council certified product

Contemporary Aesthetics  Duraability  Cool Comfort  Assured Performance  Authenticity  Environment Friendly
Contents

Fenestration
14 Lingel, Nexta, and Fenesta are offering insulating solutions against sound and heat in their door and window systems

Special Feature
28 IIID Vision Summit 2020

Personality
31 IIID President Ar. Jabeen L Zacharias

Architecture & Design
22 Earthing: Inter-tech aims to make India safe with its earthing advise and solutions
38 Senior Citizens’ Home: The design by Vishwannath Associates aims to boost senior citizens social interaction and well-being
42 Bungalow: Parshad Waichal Interiors create a sustainable and practical dwelling
48 Residence: Robitaille Curtis’s design highlights the dramatic vertical and horizontal axis of the home
- Available with four part Nickle Plating Screw.
- New Impressive body with Adjustable fitting facility.
- Magnetic Power Guarantee for life time.
- Smart design and extra durability made with & German Technology.
- Improves appearance on decorative furniture.

First Time in India
Magnetic Door Holder/Catcher
- ISO 9001:2008
- CE Marking
- Hologram Seal
- Barcoded (EAN)
- Regd. Design
- D&B D-U-N-S® No.

Manufactured By:
HERO PLASTIC INDUSTRIES
6, Jaybhum Industrial Estate, Plot No. SB, GIDC, Odhav (CMC) Ahmedabad-382 415, Gujarat, India. Tele: 91-79-22974544
Mobile: 98250 10539, @ 098989 12224
E-mail: hero_plastic@yahoo.com / info@heroindia.net
Web: www.henzerindia.com / www.heroindia.net
Contents

50  Residence: Designed by AND Studio, The Seventy residence is an example of modern-day architecture
52  Apartment: aura04 design studio combines the cultures of modern and classic lifestyles
54  Residence: The Khaladkars house designed by Infinity Architects and Interior Designers is a combination of art and technology
56  Farmhouse: Design Ethics Architecture Studio creates a multi-generation farmhouse
64  Green Buildings: Sustainable architects focus on building design and construction that lessen the impact of urban development on the environment, says Ar. Manish Dikshit, AUM Architects

Roofing

58  Kingspan Jindal, Tata BlueScope Steel, and Visaka Industries are providing roofing solutions for sustainable architecture
Give shape to fantasies

World Class technology, sophisticated looks, distinctive form, all are brought together for an inspired design that enhances the beauty of your bathroom. Own and give shape to your fantasies.

FAUCETS | SANITARY WARES | BATHWARES & WELLNESS | FLUSHING SYSTEMS | SENSORS | SPECIALITY PRODUCTS | KITCHEN SINKS
FLUSHING CISTERNs | STORAGE WATER HEATERS

JUPITER AQUA LINES LTD.
D-192, Industrial Area, Phase 8-B, Mohali (Chandigarh) - 160071 India, jal@jaljoy.com | www.jaljoy.com
Tel: +91-172-4228800 (20 Lines), Toll Free No. 1800 1030 192
Follow us on: /jaljoy /jalbathfittings
MGS - Modern Green Structures & Architecture

Contents

Interior Products

26 Hinges: Garg Hinges has won quality certifications from world-renowned test labs

65 Lighting: K-Lite offers efficient and cost-effective LED bollards

66 Kitchens: Olive's new Smartek storage solutions are making kitchens smart

70 Fasteners: BDN and SDHP fasteners are outperforming with their attention to detail

72 Partitions: Sans Souci partition walls are functional and aesthetic

73 Furniture: Häfele unveils multi-functional space-saving furniture

Event

68 Greenbuild India: Where India’s green building future takes shape

Newstrack

76 Beyond Designs Launches Beyond Designs Home and Bistro

76 First WAT Connect concludes in Cochin

78 42MM Architecture presents Graphic Patterns

78 Aparna Kaushik unveils Living Rooms

78 Shaw Contract introduces Respite flooring solution

78 Sources Unlimited launches sculptural sofas

Cover courtesy: IIID
When it comes to premium residences, most prestigious, renowned architects and real estate developers keep making Niral BG their #1 choice. Project after project. Because behind every Niral BG Kitchen Sink, there is the distinguished mark of the finest engineering, range, durability and style that is modern, contemporary and timeless.
Shutting Out External Disturbances

Companies like Lingel, Nexta, and Fenesta are offering modern insulating solutions against sound and heat, in their door and window systems, besides keeping the rain out and providing UV protection.

Nexta Building Systems

Our products are developed with energy efficiency in mind. We have a large selection of highly insulated profile systems, aluminium rain screen principle cladding, solar shading and building-integrated photovoltaic glass. These are easily combined in aesthetically appealing and practical ways and enabling energy-efficient buildings, says Amit Bhadu, Director- Solution Sales, Nexta Building Systems.

Our broad product range opens up enormous possibilities for sustainable buildings by offering solutions for a variety of building methods, combined with tailored functions to enhance comfort, safety, protection and energy efficiency. These systems are developed in close consultation with architects, engineers and consultants to safeguard quality, performance and reliability and to develop new application-specific fenestration solutions that go beyond our standard range and is an important element in our future product development. Often, a combination of materials is used to achieve an optimum solution and there are products which combine different types of insulation into a single form.
Our newly designed profiles are coupled with omega shaped, glass fibre reinforced polyamide strips of 40 mm in the frame and 35 mm in the vent. This exceptionally deep thermal break reduces the thermal conduction additional to an absolute minimum. Moreover, due to the application of PE or Aerogel inserts, hardware assembled in insulation profile more insulation levels are possible. The use of Q-Lon seals instead of brushes offers a lot of advantages in terms of weather and sound insulation. The result is that the product achieves a high thermal performance level and improved total insulation, leading to lower total energy consumption, a positive benefit to the environment.

We are also working on the possibilities of using reflective insulation and radiant barriers which significantly reduces heat transfer by radiation. There are impressive results when we are using radiant barriers even with non-coated glass surface. The R-value test measures heat transfer through the material, not to or from its surface. There is no standard test designed to measure the reflection of radiated heat energy alone. Radiated heat is a significant means of heat transfer; the sun’s heat arrives by radiating through space and not by conduction or convection. Important thing to keep in mind is that the material being used as radiant barrier should have no significant mass to absorb and retain heat with low emittance values “E-values” which significantly reduces heat transfer by radiation.
For sound insulation, which is defined in decibels (DB), we recommend the following:

- Casement or fixed window option to be chosen
- No ordinary sliders, max to max Lift / Tilt and Slide
- The Installation gap between the wall and the window needs to be filled with PU Foam and not just with Silicon
- It is fundamentally important to predefine the required sound reduction (the inner noise level) to be achieved, between the buyer and the seller.

- Never talk or offer it in percentage as the second person will usually have a completely different expectation.

The noise meter app can be downloaded free from the web and both the parties have a chance to evaluate on the same testing parameter

For heat insulation, the best solution is that of natural shading because the sunlight (heat) which does not hit the glazing does not need to be reduced or reflected. From the architecture of the building, window pockets, cantilever ‘chajjas’ (as seen in most of the heritage buildings) is the best option.
Sun Shields (awnings), Roller Shutters, Venetian Blinds are solutions that we as a window knowledge partner can provide. From the glazing point we need to differentiate between the direct and the indirect heat insulation. Cooling the inside temperature when no sunlight hits the glass - the U Factor - plays the most important role. Here, we recommend Insulated Glasses with a U-factor of 2.8 compared to single glass of 5.8, or even the low-E glasses with a U-factor of 1.8 or with Argon Filling as low as 1.3.

Lingel’s sound insulation achievement is as our promise to meet customer demand and can be immediately challenged

Mario Schmidt

U factor of 5.8 vs 1.3 more than 4 times lower is recommended if the direct sunlight is hitting the glass. Here, high end performance glasses play a larger role. But here one has to decide between reducing the heat loss and at the same time making the room very dark as the light is cut out as well. Or use glasses with a high light transmission which allow (on the other hand) the energy (heat) to pass as well to the inside. As higher the demand on maximum reduction of heat as well as maximum light transmission, a third factor – cost - needs to be considered as well.
Fenestration

Fenesta

The windows and doors in our homes are the weakest points which allow external noise to enter, even when shut. Most of the doors and windows have gaps on the sides, which may be there because of poor construction or installation, or wear and tear for aging residences. Sound Insulation therefore becomes a modern-day necessity to prevent external noise pollution, comments Saket Jain, Business Head, Fenesta.

If you are living in an urban set-up, whether a metro, tier 2 or 3 city, chances are that you would be living in a congested area, with honking horns, construction noise in the neighbourhood, or blaring loudspeakers during festivities. Most of us seem to adjust with the noise pollution and consider it as a part of our daily life without understanding how it impacts our overall health and wellbeing. Many of us don’t even remember that the prescribed sound limits for residential zones should be below 55 decibels during the day and 45 decibels during the night.

The long-term exposure to high noise levels does not only impact the auditory system, leading to hearing loss and tinnitus, it is also a major contributor to poor concentration, household productivity loss, communication difficulties, disturbed sleep, and can lead to more complex health concerns including cardiovascular diseases.

By adding sound control to a range of windows mechanisms, including sliding windows, casement windows, bay windows, tilt and turn windows, fixed windows, etc, Fenesta is able to service any window combinations. Sound insulation is possible in all these available features, wherein a protective layer is placed behind the actual window and the buffer zone created between the layers of windows provides additional insulation.
ENCRAFT TwinSash Windows are designed to provide ultimate flexibility for fabricators and clients alike. It provides the option of combining the traditional casement window with traditional inward opening fly screen option. There is a facility to incorporate a security grill or blinds for privacy. It also offers an additional variant of sash with integrated louvers with fly screen options. It was designed to facilitate maximum application coverage with the minimum number of profile sections providing fabricator and at the same time the end user with the ideal range of products.

- Contemporary modern soft line profile appearance
- Design compatibility with the EN-Casement and Sliding range
- 10 mm sash overlap for enhanced performance
- Integrated solution for security grill and fly screens
- Choice of single or multi - point locking devices
- Secured hardware fitting into steel reinforcements as standard
Fenestra is the only brand in India to manufacture its own unplasticized polyvinyl chloride (UPVC) blend and profiles.

Saket Jain

For doors as well, we have a range of designs from sliding doors to designer doors. Some of the key features that enable soundproofing are:

- Fusion welded: the factory-made products have fusion welded joints and multi-chambered profiles, enhancing the overall sealing.
- Double sealing: In order to ensure casement windows and doors can be fastened tightly, Fenstta employs multi-point locking systems and double seals.
- Silicone sealant is used to plug the gaps between the wall and the window or door units to keep external noise from passing through.
- Laminated glass or double laminated glass in windows further provide resistance to unwanted noise.

Of low maintenance and available in multiple colours, UPVC is the most preferred window and door framing material. Apart from being a good sound insulator, soundproofing doors and windows with UPVC helps in rain insulation, thermal insulation, UV protection, high impact resistance, recyclable, self-extinguishing and many more. For a house to be peaceful it needs to be insulated from external disturbances.
ROOFING SCREW
AS3566 AUSTRALIAN STANDARD
100% MADE IN TAIWAN

An ISO 9001:2015 Certified Company
SOHAN LAL GUPTA Estd.1921
D-62, SECTOR 48, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH- 201301, INDIA
Mobile: +91-9818166006, +91-8826176665, +91-9557771117
E-mail: info@screwexpert.com, romil@screwexpert.com
www.screwexpert.com
Earthing is a science and needs to be designed for a location, depending on the soil resistivity value of the location; it is advised to design the Earthing solutions at the very beginning of the project by placing the earth electrodes in the basement, says Charanjeet Singh, Founder, Inter-tech

Apart from the design issue, it has been found that due to paucity of space, Earthing is often confined to a lesser space which is not sufficient enough for effective conduction of fault current to the ground. An Earthing electrode works on the principle of the ‘Sphere of Influence’ and disburse the fault current in this sphere. When Earthing is confined to a lesser space, this Sphere of Influence shrinks and the performance of Earthing system degrades. In order to resolve the space challenges, it is advised to design the Earthing needs in an optimum manner at the very beginning of the project by placing the earth electrodes in the basement.

Effective Earthing depends upon spacing between rods

4 key steps in the design of an earthing system:
• Soil Resistivity checking is the first and foremost
• Understanding the application and selecting the Earth Resistance value to be obtained.
• Designing the Earthing system as per the above two points.
• Sufficient space must be provided between the two adjacent earth electrodes for an effective earthing system
OPEN YOUR HOME WITH SHREEJI

MORTICE HANDLE
ULTIMATE CHOICE OF HARDWARE

Aldrops | Tadi | Handles | Hinges | Tower-bolt | Mortice Handle | Floor Spring | Curtain Bracket

SHREEJI METAL TECH.
SHIVAM INDUSTRIES AREA
PLOT NO. 15, B/H LABH PETROLIUM
NEAR MEERA UDHYOG, NH 8
AJI RING ROAD RAJKOT-360002

PH-0281-2389966, 2389965
MO.NO. +91-9913856565
E-mail : shreeji@shreejihardware.com
Web : www.shreejihardware.com
Earthing

At Inter-tech, our aim is to create more awareness of Earthing, especially its design by the architects, electrical consultants and earthing designers like us. We hope that with their support our vision of a Surakshit Bharat will help us safeguard more and more lives and properties.

Charanjeet Singh

The reason why an earthing electrode fails is only due to corrosion - be it Conventional Earthing or Chemical Earthing. One corroded, their performance becomes unstable. Marconite Earthing System is the only corrosion-free solution. It is an advanced conductive concrete aggregate that provides permanent, stable as well as Low Resistance Earthing Solutions that are workable in several complex ground conditions. It enables the electrical engineer to get a stable, permanent and low resistance earthing solution that helps him to handle the most complex soil conditions and get correct earthing solutions.

Marconite is manufactured by specialists in the field. It is packed in UV-resistant value topped poly sacks and palletized. Marconite Earth Electrodes have a better track record and are utilized for important Earthing Solutions in a variety of soils. The USP of Marconite is that it can perform in rocky soil where no other earthing material performs.

Today, conductive concrete technology is replacing the conventional technology. Since Chemical Earthing cannot stop corrosion, its life is limited to 6-8 years and performance of the earth electrode degrades due to the corrosion. Marconite Earthing is a conductive concrete technology that offers 50 years of life due to its non-corrosive property. Even from the environment point of view, Marconite is better. In Chemical Earthing, several chemicals such as Bentonite deeply impact the sub-soil of the location of Earthing, through leaching as well as polluting water tables. Marconite Earthing does not leach and it is chemically inert too, which makes it an environment friendly product.

A decade ago, seeing the kind of Earthing Solutions being used in India, we thought of bringing Marconite to India in 2011. Convincing users in residences, factories and institutes of correct design, soil resistivity test, and the cost-effectiveness of Marconite solutions over a life span of 50 years, was very challenging in the beginning. Being the only corrosion free solution, zero maintenance requirement, it is the only product which can offer permanent stable solution for a space between the electrodes. Sufficient space can be provided between two adjacent earth electrodes for an effective earthing system.

Marconite conductive concrete being non-polluting and having a life of over 50 years can be used for earthing below the basement of the buildings to accommodate the required and effective earthing system, as shown in the pictures below:

Like the soil bearing capacity values are found in the early stage of a project, steps must be taken to know the soil resistivity values at requisite locations of the plot for designing an effective earthing solution.

Earthing is a much-neglected issue in India. People spend on luxuries willingly but have little or no awareness of the importance of Earthing, until there is an accident or fatal fault. Today, Inter-tech is spreading the vision of Surakshit Bharat. We are creating more awareness for the design needs of Earthing, which cannot be of a standard design. So far, we have installed more than 30,000 electrodes pan India.

For further information please visit:
www.intertech.com.co or call 9717163893
First Time in India
Magnetic Door Holder/Catcher

- ISO 9001:2008
- CE Marking
- Hologram Seal
- Barcoded (EAN)
- Regd. Design
- D&B D-U-N-S® No.

 Manufactured By:
HERO PLASTIC INDUSTRIES
6, Jaylaxmi Industrial Estate, Plot No. 5B, GIDC, Dohad (CMC)
Ahmedabad-382 415, Gujarat, India. Tele: 91-79-22974544
Mobile: 98250 10539, 909989 12224
E-mail: hero_plastic@yahoo.com / info@heroindia.net
Web: www.henzerindia.com / www.heroindia.net
Garg Hinges: No Compromise on Quality

Maintaining high quality standards with continuous upgradation and addition of new techniques and finishes to meet every taste and demand of customers, has won our products certifications from world-renowned test labs, avers S.M. Garg, Managing Director, DP Garg & Company

We are offering Hinges and Door Fittings of the highest quality based on our vast experience and knowledge of sheet metal manufacturing and surface finishing. These can also be manufactured as per any customized requirement of the customer. We have also introduced 3 lever Mortice Sash Locks and Dead Locks. We have developed more than 15 kinds of finishing technologies, though the most popular are Stainless Steel, Antique and Black finishes.

Our products are durable, of high quality and competitively priced. These qualities have won us a favourable response from clients both in the domestic as well as international markets. Our in-house facilities include a 500 Power Press, a CNC Tool room, Automatic Plating Plant, manual plating line, polishing line, in-house pre-packaging, etc.

About 95% of our products are manufactured in-house, where we have 100% control over quality unlike our competitors who make only 20% of the products and source the rest, from China and elsewhere. Our products are well monitored for quality and performance by our in-house quality control cell manned by experienced professionals. Our products are approved for quality by ISI, Exova, Warrington (U.K.) and Kite - which are supposed to be the best in this sphere. This is because we don’t take fake certifications; we check the authenticity of the testing laboratory that issues us the certification. Currently, we have over 1000 products certified by ISI, over 2500 are CE Certified and Fire rated, with certification by Exova and Warrington laboratory.

Our products are sold to more than 10,000 dealers in India and are being exported to 35 countries, including customers in UK, USA, Australia, and South Africa. We will be adding more products in our range, which we will sell at competitive prices.

We believe in serving India with fully Indian made products. We have developed more than 15 kinds of finishing technologies, and currently, the most popular are Stainless Steel, Antique and Black finishes

S.M. Garg
Sharp Ply presents
FORMWORK TO FINISH
ECP Door & Window Frames

Engineered Composite Profiles

Flush Door  Skin Door  Veneer Door  Laminated Door

Sharp Ply (India) Pvt. Ltd. Corporate Office:
#114/14, 1st Main Road, P.P. Industrial Estate, Deepanjali Nagar, Mysore Road, Bangalore - 560 026
Tel: 080-2675 5225 Fax: 080-2675 6884 Website: www.sharpply.com Email: info@sharpply.com

Offices at:
Chennai, Hyderabad, Kochi, Kolkata, New Delhi, Surat, Raipur, Vijayawada, Colombo (Sri Lanka)

www.sharpply.com
Founded in 1972, IIID has 31 Chapters across the country with a pan India presence of around 10,000 members and an International Center in Dubai. IIID’s objectives are geared towards promoting quality and excellence in design and to be of service to people and societies at large. The Association plays a crucial role in inspiring and shaping opinions amongst the Design fraternity, facilitating interactions amongst key stakeholders and decision makers, and is instrumental in streamlining the design policies and trends in the country.

Ar. Jabeen L Zacharias, as the newly elected National President of IIID for the term 2019-2021, announced the Vision for the term – ‘Where is North?’ and introduced the new Executive Council to steer the institution during the next two years. She has the honour of being elected as the first-ever lady President of IIID, which is the apex professional body comprising Interior Designers, Architects, and related Trade.

The lead theme for Vision Summit 2020 was anchored on the journey for man in search of ‘Where is North?’ North was the mast and anchor that led many an expedition in history. Man’s search to find new directions in life has been an inbuilt direction of his journey for progress from ancient times and was the ultimate guide to everything from farming to improve his life and livelihood and this journey can never end.

The search through design to improve life and environment as designers is about the need of ‘Conscious and Conscientious Design’ where everybody including design professionals, trade and people at large can take a call on the choices we make to ensure that we are on the right path for a better tomorrow and for generations to come.

“This is what IIID is setting out to do via the quest for North” said Ar. Jabeen L Zacharias at the event. She pointed out that at a time of global warming and unemployment, design can act as an instrument of change. “Any design has to be future-oriented and beneficial for the generations to come. Any designer can look for the guiding North Star to complete their journey in this quest,” she emphasized.

The Grand Leadership Summit saw a felicitation of industry captains and a presidential address by the newly elected National President of IIID. An open networking event started with a welcome with the traditional drums of Kerala, a
Shingarimelam, as a cultural start to the Summit, which was attended by over 600 delegates from all over India including 100 selected top designers and 24 corporate heads, who donned the mantel of ‘Lead Navigators’ for the term 2019-2021.

The Grand Design Summit witnessed 240 top designers from India who brainstormed on the vision, ‘Where is North?’ while the Grand Leadership Summit with 300 leaders of IIID deliberated on how Design Impacts the life of humanity. The event also saw the re-launch of IID’s official magazine ‘Inscape’ and “IIID Awards for Design Excellence” for the current term was also announced. Chief Guest Ar. Johnny Chiu from J.C. Architecture, Taiwan, gave a presentation of some of his design works. Padma Bhushan awardee Architect B.V. Doshi gave a video address on ‘Where is North?’ Also participating were prominent faces from the design world like Niraj Shah, Vivek Gupta, Jeyanthi Nedesalingam, Anish Bajaj, Ravi Hazra, Chiranjivi Lunkad, and Sanjay Agarwal, all of whom guided the Summit.

Prominent personalities behind the IIID Vision Summit 2020 included Jignesh Modi (IIID National Hon Secretary), Sajan Pulimood (IIID Vision Summit Convener), S Gopakumar (Vision Summit Chairman) and George Mathai (IIID Chairman Kerala Regional Chapter).
Special Feature

Lead Navigators of IIID for 2019 - 2021
Ar. Jabeen L Zacharias
A multi-faceted artist

As Chief Architect of Jabeen Zacharias Architects, she has steered the firm to award winning practices with over 300 projects ranging from 5-star hotels, malls, apartments, offices and luxury residences in India, USA and Middle East. The firm has offices in Cochin, Bangalore, USA and Dubai with two separate wings: The Inside for interior design projects and Studio J for architectural projects. Her clientele includes World Bank, Le Meridien, Taj, KTDC, Samsung, HDFC and ICICI, among others.

Today, Jabeen is a well-recognized face in the architecture community of India both for her practice and her social involvement. She has received many awards and recognitions for her design excellence and leadership. She also serves as a juror in numerous architecture and design award programs and lectures at various institutes in Kerala and is a much sought-after speaker at events and at panel discussions.

She is passionate about teaching, theatre, music, dance and drama; which she says give her a unique insight and creative edge when approaching design in a holistic manner. However, it is interior design that drives her as it allows her to dream and visualize beautiful spaces. She dedicates time both to her practice and to organizations like IIID and is keen to take design to the masses.
Personality

Architect by Accident
Interior Designer by Choice

Ar. Jabeen believes that it was Providence that led her to the field of architecture and interior design as she was more interested in studying electronics engineering. Her first job as an architect was with Cyriac Vellappally & Associates, one of Kerala’s oldest and best-known architecture practices. Later, she was appointed as Assistant Architect at the Greater Cochin Development Authority. And the next three years saw her teaching at her alma mater. In a freewheeling interview with MGS on the side lines of IIID’s celebration of Vision2020 Summit at Kochi, Jabeen shares her deep passion for design, education and learning. Excerpts from the discussion also reveal her strong belief in the intrinsic simplicity and honesty in architecture – in creating buildings and homes that bring relaxation and contentment. Design for her is magical and is not meant only for the elite to enjoy, but also for the common people.

I believe that it is important to incorporate design into the cultural context of a region

I started as a junior architect with Cyriac Vellappally & Associates, a firm based in Kottayam – 75 km from Kochi and also my hometown. As a very well-established firm, it was dealing largely with affluent villas. This was my first encounter with the elite class. Architect Cyriac brought in the concept of using concrete and a new approach to the existing design vocabulary of our traditional architecture. And he created beautiful villas, as a result of his initiatives.

In Kerala, as in many parts of India when glass, steel and reinforced steel came into play in the year 1985, architects and developers were very excited to experiment with the new materials as opposed to the traditional use of wood etc. But the architecture of the land that had evolved and had reached a certain level of maturity did not get enough time to digest the changing phase of architecture and to incorporate it as a comprehensive architectural style. It is very important to incorporate design into the cultural context of a region.

Cyriac’s buildings, for example, were a juxtapose of culture and modernity and exuded relevance which were considered very contemporary in those times (1985).

I set up the IIA Cochin center in a record 90 days

I studied architecture but even then, I had a strong affinity towards interior design. While my husband has the upper hand in architecture, I liked to visualize spaces and move around them. In fact, interior design was my passion. When I met the president of IIA he suggested that I should consider starting a center in Cochin. I set it up in a record 90 days! I was the Honorary Secretary and the best IIA center award was taken by Cochin in the same year.

IIA and IIID are two very strong associations. Today, I am extremely passionate about the Associations, even more than my practice. It’s a paradox that while I love solitude and do not like to be in the public glare, I am a natural people’s person when it comes to forums where I enjoy meeting people, contrary to my basically reserved nature.
Personality

Design can nurture life or destroy it completely

I got the opportunity to practice with Cochin Development Authority as an assistant architect. This assignment was in complete contrast with my experience with Cyriac. From affluent villas, I was exposed to housing schemes for the high, mid-low and the economic weaker section. It brought me in close connect with real life and the need for housing of different strata of people. The lower section would have more occupants than a high-income dweller, so their need would be more. The challenge was to give them a decent environment while catering to their living requirements with a good and practical design.

I was exposed to different sects of people and to the real dynamics of design. This insight can only come from practical experience. I realized that design can destroy life or it can really nurture life. And designs is not only meant for the elite, but for the masses too who need good design as a basic solution to their needs.

A home is an idea that one finds satisfying

I don’t think a good design is possible only within a good budget. A small hut can be a better home than a luxury villa. An unplastered house with the bare necessities (as in a chalet or a resort) attracts you because it appeals to your basic nature. It exposes your inner self and the masks can come off.

Each and every element that we add has a direct say on how the space will be used and how it will be enjoyed. Costing comes into play also. For example, we would like to place the toilet at the back but this would mean having to extend the pipe by 3-4 meters more. This amount when multiplied by 500 units is a huge amount in a project for the economically weak.

So, every extra centimeter entails a cost that must be accounted for. Just by placing a door in a different way, maybe we can accommodate an additional bed or one more table. Coir, for example, can be used for partitions; it will be almost 50 percent cheaper than materials like brick and laterite. It can be used for walls, roofing, flooring, furniture, etc. In fact, we have urged the Government of Kerala to lend support for research into coir composites for construction and to encourage innovation and development of coir products.

I have enjoyed teaching and nurturing young talent

My husband Lalichan Zacharias and I were classmates and after we got married we had plans to set up an architecture firm together so that we could be competitively at our best. But it didn’t happen that way! He started his own firm, and as I was holding a first rank under the PSC selection as a professor in Architecture at an engineering college, my entire family of bureaucrats were very keen that I take up the gazette post. So, I became a Professor in the department of architecture at the College of Engineering, Trivandrum, where I taught for 3-4 years.
People are not thinking out of the box when it comes to education

I believe that the way architecture and design is being taught in colleges today may not be the ideal way at all. People are not thinking out of the box when it comes to education. We learn history of architecture during our first and second years. We learn and draw from history textbooks, but we go for tours to see the architecture only in our final year, and are surprised by what we see in reality. Why don’t we start with a tour of the land and people in the first years of college for a better and a more realistic understanding of the context before we begin?

As a student of architecture for 5 years, I have not placed a single brick; nor constructed a one-meter high wall. We have labs, we learn carpentry, but are not involved in actual construction of a space or a room. Understanding and actually following the processes involved can come only with practical experience and exposure.

IIID has collaborations with 55 to 60 colleges. It has its own syllabus and we encourage colleges to go for nothing less than 3 or 4 years of curriculum as we believe that these many years are necessary for students to get good insights on the subject matter. We also help the colleges with their existing syllabus and suggest changes where necessary. We also impart training to the faculty for interior design teaching and also help in setting up new colleges. So, we do a lot of handholding.

I am very radical in my thinking.

My idea of a curriculum would start with a tour of the land with students sketching, meeting the locals, sharing thoughts and ideas. You cannot go wrong when you translate the intangible into the tangible. We are working under a conventional set-up. Our greatest architects like Le Corbusier, BV Doshi and others who worked at the ground level; they travelled, visited villages, sketched buildings and imbied the spirit of good design that showed up in their work.

Today, we are in the age of automated learning methods with computers and technology, and are becoming more and more stereotyped – much like making an assembly of designs without really delving into life or having any deep insights into the living experience.

Why complicate design?

Interior designing has different realms – from simple to complex. Today, we have to think of very complex spaces. For example, designing buildings for senior citizens who have become increasingly active now. A small design mistake can lead them to a fall and make them bedridden. So deep research must go into the materials and into the design to make the spaces friendly. For example, every material has a temperature: warm and cold. Materials can be fire retardant, or they may spread fire. High ceilings can make a person feel lost. So in-depth knowledge comes in handy.

We are now trying to influence the government to regulate interior design practices and bring in a professional license for interior designers. A client will also know that they can trust a licensed practitioner, who will know the necessary rules and regulations.

People want to do good when they come together

IIID has 32 chapters across the country. It offers a platform for designers to come together and discuss how and what the practice can do for them and to solve issues and take the profession ahead. Issues can pertain to the low stipend given to interns, and help designers who are not getting enough assignments, and how to spread awareness, clients do not understand the intricacies and complexities involved in interior design and are unwilling to pay the price for it. Such issues are affecting the profession and are of common interest and concern to all. The forum gives them the opportunity to share knowledge and experiences and become more socially connected.

Society, architecture and design go hand in hand

The outlook of the society towards housing types, be they farmhouses or affordable housing, or sizes of buildings, are trends that are also shaping and influencing architecture and design, and vice versa. Forums give us the opportunity to correct us or to reorient us in different ways and directions, and this when debated across the country in IIID’s 32 chapters and centers, then naturally, a collective policy is formed.

We are in touch with corporations and councils and we help them with their projects also. We get aligned with government authorities and help them with beautification of the city, tree-scaping etc. So, the collective vision is taken forward at a national level. Bodies like IIID bring professionals on one platform to discuss and solve issues and challenges confronting all sectors.

Architects and designers are working towards a common good design. No doubt, architects have more credibility and more visibility so to say, while interior designers are getting prominence only now. The concept of interior design is picking up as the client is no longer satisfied with a shell; he wants to complete it with interior design to get a wholesome experience.
While architectural design has led the way by fulfilling people’s basic need for shelter, interior design has been a little late in coming into play. However, architecture and interior design must happen hand in hand so that they can mature into a comprehensive space and show the way ahead. Though I am an architect, my passion is interior design as it helps me dream and visualize beautiful spaces. However, there is no denying that it was my knowledge of architecture that has added weight to my prowess as an interior designer – a job that requires time and attention for visualizing, conceptualizing, and detailing.

**We want to bring crafts into design**

While IIID’s flagship Design Yatra will be an ongoing activity, we are also planning a Design Yagna across all IIID chapters. For instance, our vision for 2020 will be fanned across all the chapters to keep the fire of knowledge perpetually burning. We will have a series of knowledge sharing. During the yagna, 32 speakers from 32 chapters will talk on 30 different topics at our 32 chapters. So, when we document all this, we will get a lot of insights where design stands today and the way ahead.

We are also talking to the government to have an Indian institute for craft. We want designers and the craftsmen to learn and work together as their joint creativity will give Indian design an edge over other countries. We also need to empower workers in the unorganized sector and bring design standards up, because 70% of the design is happening through housewives, masons, weavers, etc. We are also collaborating with companies on carpentry, plumbing etc. Craft should be used for the sake of craft. It should be curated and integrated into the design of a space as an integral part of the design conceptualization right from the beginning.

**It is unfortunate that we are using the computer even for the creative part.**

We need to keep alive the emotions that go into design. Designers are now simply playing with their computers to design projects. It is prophesized that by 2050 design will come to an end because computers will take over. This is because the world is becoming a very commercial place. In fact, there is an inner designer in every person and software is making it possible even for the layperson to design a space that suits her/him.

Robots, AI and technology is going into every field of work but there is some hope for designing as it involves creativity. But with software hastening the process, how much creativity will we be able to bring into our spaces? Creativity happens only if we have the time and the inclination to come up with fresh ideas and visualize with our inner eye. I believe in being personally involved in every project that comes my way, so I don’t take on too many at the same time.

While architecture has led the way by filling people’s basic need for a shelter, interior design has been a little late in coming into play. However, architecture and interior design must happen hand in hand so that they can mature into a comprehensive space and show the way ahead. Though I am an architect, my passion is interior design as it helps me dream and visualize beautiful spaces. However, there is no denying that it was my knowledge of architecture that has added weight to my prowess as an interior designer – a job that requires time and attention for visualizing, conceptualizing, and detailing.

**We want to bring crafts into design**

While IIID’s flagship Design Yatra will be an ongoing activity, we are also planning a Design Yagna across all IIID chapters. For instance, our vision for 2020 will be fanned across all the chapters to keep the fire of knowledge perpetually burning. We will have a series of knowledge sharing. During the yagna, 32 speakers from 32 chapters will talk on 30 different topics at our 32 chapters. So, when we document all this, we will get a lot of insights where design stands today and the way ahead.

We are also talking to the government to have an Indian institute for craft. We want designers and the craftsmen to learn and work together as their joint creativity will give Indian design an edge over other countries. We also need to empower workers in the unorganized sector and bring design standards up, because 70% of the design is happening through housewives, masons, weavers, etc. We are also collaborating with companies on carpentry, plumbing etc. Craft should be used for the sake of craft. It should be curated and integrated into the design of a space as an integral part of the design conceptualization right from the beginning.

**It is unfortunate that we are using the computer even for the creative part.**

We need to keep alive the emotions that go into design. Designers are now simply playing with their computers to design projects. It is prophesized that by 2050 design will come to an end because computers will take over. This is because the world is becoming a very commercial place. In fact, there is an inner designer in every person and software is making it possible even for the layperson to design a space that suits her/him.

Robots, AI and technology is going into every field of work but there is some hope for designing as it involves creativity. But with software hastening the process, how much creativity will we be able to bring into our spaces? Creativity happens only if we have the time and the inclination to come up with fresh ideas and visualize with our inner eye. I believe in being personally involved in every project that comes my way, so I don’t take on too many at the same time.
same time. But most firms cannot survive if they do not have many projects; so, they compromise.

It is a good thing that most colleges do not allow students to use the computer for the first two years. When they use hand and head on paper, a lot of coordinated and passionate slow thinking happens. Designers are great storytellers, not robots, and we need to keep alive the emotions that go into a design.

Globally, a lot of necessity driven design is happening

The global population is nearing 8 billion now and we have to look at standardization and mass designing over individual touches of creativity – but with an angle. Solutions to reduce water and energy consumption, usage of the fast depleting natural resources, etc are being pursued. This is the general approach being taken by most countries who are also doing a lot of research to come up with alternatives.

Standardizing design using brick, glass and concrete is an easy way to design without taking the land of the context into consideration. I believe that architects can influence clients to look at good design and not just the completion timeline or the budget of a project.

Developers should know that a property is built for generations and the impact it has on the city. So, they must make a very conscientious decision, as must the architect. After all, creativity must be given its due! I believe that a little bit of ego is necessary for every architect and designer!

Buildings should merge into the environs

Precast buildings have a huge scope for design as the design elements are ready to use and may be used again and again. Each and every inch every joint will have to be designed carefully. The responsibility behind the design is multifold, so the designer and the architect must put their heart into their work. Rather than creating buildings that stand out due to their design, I believe buildings should merge into the surrounding buildings or the environs. We should design within the context of the region to carry forward the legacy of the place and not design to simply impress. I believe that it’s good to belong rather than choosing to stand out for the sake of being ‘different’. A policy to sustain and maintain the region’s identity is also needed.

Keep design simple

As regards individual creativity, there are two trends: extreme egoistic expressions like a bubble of happiness that is all superficial. At the other side there is an aware group of people trying to come up with new responsible concepts such as the trend of minimalism, green design, sustainability, affordability etc, all of which are holistically practiced.

Thus, we are seeing good, conscious designing based on real life values and situations happening on one side, and designing to meet the needs of the planet on the other. I believe that one must always look at the truth, and balance the actual need of a family with the assets they have, so that we get honest spaces to live in with joy and contentment, which are two big words that can sustain life and transcend us into a plane where we find the meaning behind – “Satyam Sivam Sundaram”
Of course not the only one...
but certainly the best one

HP®

Self drilling screws | Blind Rivets | Dry wall screws | Roofing Accessories

Landmark Crafts Pvt. Ltd.
Plot No. 24, Anand Indl. Estate, Mohan Nagar, Ghaziabad - 201007 (U.P.) INDIA
E-mail: hpscrews@gmail.com, hpscrew@landmarkcrafts.in
Web: www.landmarkcrafts.in | Customer Care No.: 9810331551
Branches: AHMEDABAD / BANGALORE / BHOPAL / CHENNAI / DELHI / HYDERABAD / KOLKATA / LUDHIANA / NAGPUR / PUNE

HP® is Registered Trademark of M/s Landmark Crafts Pvt. Ltd.
Stability & Security

Designed by Vishwannath Associates, Rotary Orchards Chaitanya Senior Citizens’ Home in Bangalore, focusses on various aspects of senior citizens’ living to boost their social interaction and overall well-being.

A centrally located gathering space in the form of a prayer area became the nucleus of the design around which other functions are weaved to achieve a seamless flow of spaces from interactive to private, with natural light illuminating the built spaces inside, and a green landscaped outside with an activity / performance / resting place overlooking the garden. Thus, multi-functional interactive spaces of various scales, both indoor and outdoor, foster human engagement through the day. Spaces for a library, prayer hall, yoga and meditation are carved out from the built space. As envisaged, cultural programs take place in the common spaces on a regular basis, which enhance the residents’ interaction with the outside world.

The design language is largely minimal in terms of colours and material palette. Landscaping with aromatic plants and a kitchen garden add to the serene setting. Water from the sewage treatment plant is used for flushing, landscaping etc. Locally sourced SIRA entry stone façade wall was conceptualised to symbolize stability and security. By harnessing natural light though cut-outs, solar panels, and good cross-ventilation, the load on artificial systems has been reduced to a large extent, making the building sustainable.
Psychologically, natural light can decrease depression, affect the circadian rhythm and even increase one’s cognitive performance. Hence, natural light has been consciously drawn into the built form through courtyards and skylights. Thus, light along with a combination of colours bring about a positive influence on the energy levels while providing the necessary Vitamin D.

Ar. Vishwanath Venkatrao

Fact File
Project: Senior Citizens’ Home
Site Area: 25,000 sq.ft
Built-up area : 27,500 sq.ft
Design Team: V. Vishwanath, Founder & Principal Architect & Vidya Vishwanath, Co-Founder & Lead Designer
Structural & Civil Eng: Vithal. P Balakundi, Director
Project Lead Architecture: Achyut G Joshi
Sr. Project Architect: Anjan Kumar
Sr. Project – In charge: Edwin Lawrence
Project Engineer: Rajendra Prasad
Contractor: Effects Engineers & Contractors
Cost of Project: ₹5.5 crores
Year of Completion: October 2017
Details like handrails along the corridor, safety grab bars in the toilets, ramps, stretcher lift, anti-skid flooring, wide corridors etc., a spacious kitchen, dining space, and a guest room are an integral part of the design. The home is equipped with a nurse-call system, 24x7 doctor/ nursing staff, pharmacy, and a standby ambulance and hearse area. A catwalk has been introduced in double and triple height spaces for easy maintenance. With a built-up area of 27,500 sq. ft, the home accommodates 100 Senior Citizens with 50 nursing staff, in single, twin-sharing and dormitories, both independent and assisted.
Bungalow

Patterns & Forms

Parshad Waichal Interiors reimagine the existing structure to create a sustainable and practical dwelling

The south facing bungalow faced harsh sunlight even though it had thick vegetation. The plot size of 5000 sq.ft had a plinth of a mere 1230 sq.ft. With such a tiny area with closed walls, extended covered verandas were created to provide additional space and shade from the sun. The interiors are simple with a combination of raw sleeper timber and polished veneers with a tinge of yellow. The main door, kitchen door and the French doors are of Burma teakwood, and the windows are made in aluminum and bronze anodized. A staircase finished in Kalinga white slabs goes up the first floor that has a family sit-out area, children’s bedroom, master bedroom, and a covered terrace. The flooring types include antique finish wooden grey vitrified tiles, and leather finish coffee pearl granite in the verandas. The interior walls are finished in gypsum plaster, and in natural terracotta brunt cladding bricks as is the façade, which also has a form of surrounding trees branches crafted in a similar colour. This theme of forms flows from the wicket gate pattern to the building elevation, creating it a language of patterns and forms.
Our endeavor was to retain the natural roots of the building, while making the dwelling evolve with modern amenities and materials.

Interiors designers Parshad Waichal & Varsha Waichal
Fact File
Project: Multi Dwelling
Location: Kolhapur
Interior Design: Parshad Waichal, Varsha Waichal, Vishruta A Gulati
Landscaping: Varsha Waichal
Electrical Construction: Ritesh Electricals
Furniture: Kajave Furniture
Kitchen: Hardware Concepts
Sanitaryware: Toto
Bath fittings: Grohe
Bricks: Pioneer Bricks
Paint: Asian Paints

Bungalow
We welcome you to visit our model plant at Bawal, right outside New Delhi. A short tour around the plant can acquaint you with our range of latest roof and wall profiles, PEB System, Deck Floors, Sandwich Panels and other important components. This makes decision making so much easier and faster for you to choose from what suits your requirement and budget. We are confident that you will find all the right solutions for a building that works for you.😊
Atrium Townhome

RobitailleCurtis’s design highlights the dramatic vertical and horizontal axis of the home

Originally built in 1978, this townhome required significant renovations. In the end, the decision was made to gut the house and largely start over. The clients, a young family, wanted updated modern finishes, unique design features, and an open convivial layout with the ability to close off space so that their pets could be kept out of the kitchen and living room. The project’s primary material palette needed to be durable and not require constant maintenance.

On the ground floor, the linear hearth and views across the atrium and kitchen terminate at the new garden window wall. The vertical axis is highlighted by the two-story book-case and vertical grain Douglas Fir slats. The material palette of Douglas Fir slats, polished concrete floors, and white lacquered millwork achieve brightness, warmth, durability and sleek minimal design. Concealed floor to ceiling pocket doors and stainless-steel mesh curtains provide flexible separation. A net ‘floor’ replaces the need for guardrails at the top of the expanded atrium and serves as a unique play surface on the third floor where children’s rooms are located.

Photo credit: Adrien Williams
Source: V2.Com
At the main living level, the kitchen has been relocated from the front of the home to the rear where it now enjoys more open space and daylight in its position adjacent a window wall with views to a newly designed garden. A carefully detailed millwork ‘cube’ is a primary organizing element of the ground floor plan. It is a nicely proportioned object that orients movement through space as it separates the living room from the atrium and kitchen. The ‘cube’ contains two concealed glass pocket doors that enable the living room to be closed off. It also conceals a coat closet at the main entrance of the home and hides a discreet powder room.
Redefining the Urban Fabric

**Designed by AND Studio,** The Seventy residence, with its see-through shell, is an elegant example of modern-day architecture.

The house impresses with its imposing façade, transparent glass walls, a wide entrance articulated by a revolving door, large balconies that reach out to the nature beyond, and more. Concrete, glass and wood blend together to offset a subtle, classy character, while lighting animates and constantly changes the visual impact of the building.

Vertical gardens envelop the house and minimise the overheating effect of the summer sun. A central staircase acts like the backbone of the house, connecting all the levels and creating a stunning view in the stairwell. Functions have been ingeniously fitted into the intermediate areas between the levels. The various rooms, with their unique bifurcation of spaces, are a contemporary amalgamation of design styles.

Artistic pendant lights, ambient lighting, reflected by huge mirrors, elaborate use of pristine Statuario white marble in the lobby, exotic brown marble with hints of black granite in the bathrooms, hardwood flooring in the play area, vertical planters etc., are a visual treat to the senses. Outlined by glass partition walls, the triple height living area is the largest and the most flexible space for family get togethers.
Technology and easy access to construction knowledge, techniques and materials are aiding the process of designing modern day marvels

Ar. Love Choudhary

Fact File
Name of Project: The Seventy
Typology: Residential
Location: Noida
Total Plot Area: 10764 sqft
Built up: 16146 sqft
Date of Completion: March 2019
An Eclectic Mix

This 4 BHK apartment designed by aura04 design studio has combined the cultures of modern and classic lifestyles expressed by natural wood and stone textures.

The 2500 sqft apartment in Surat showcases an eclectic mix of materials and design highlights that include a wooden carved door, breccia marble flooring, black mirror on basin wall, brass inlaid marble wall in the living room, and a generous use of niches for comfort and display.

The ceiling of gypsum sheets finished with beige lustre offsets the wall claddings of bronze Armani Italian stone inlaid with 6mm thick glossy brass strips, and American Oak veneer finish. The oak veneer is also seen in the furniture and ceiling. Metal and brass finished screen are added in the modern furniture.
An attempt has been made to connect the living spaces with nature and create a sense of spaciousness

Ar. Kalpana Kantharia

**Material Palette**
- Ply: Century Ply
- Wall colour: Asian Paints
- Ceiling: Indian gypsum
- Colour lamination PU: Asian Paints
- Stone flooring: Classic Marble
- Tiles: Qutone Marble
- Veneer: Century
- Basin: Kohler
- Bathroom fittings: Grohe
- Kitchen appliances: Siemens
- Kitchen cabinet fittings: Hafele
- Oven & microwave: Hafele
- Mirror: Saint Gobain
- Wooden flooring: Action Tesa
Located at Castel Royale, Pune, the 8,000 sqft residence has all the elements of a modern-day luxury home. An eclectic mix of materials and colours - mostly beige with splashes of vivid colours, customized furniture made of veneer, wood, and metal, complemented by dark curtains, and an overall minimalistic design, define the interiors. In the living room, an ultra-sleek staircase made of marble and wood coordinates with the theme of the room. The family room has colorful sofas and windows overlooking beautiful views. Marble flooring, wall paneling, accent finish, and a special mirror polycoat finish give the space a luxe appeal.

Modernity, Art, and Grandeur

From rare exquisite paintings to automated control of electricity, the Khaladkars house designed by Infinity Architects and Interior Designers is a combination of art and technology.
Our design approach is to follow the latest trends, and at the same time, we maintain our design originality by keeping it minimalistic yet elite

Founder & Principal Architect Ajinkya Dhumal

Material Palette
Windows: Ponzio
Flooring: Italian marble
Doors: Veneer finish
HVAC: Mitsubishi VRV system
Lights: Hybec
CP: Hans Grohe
Digital Locks: Ekay
An Antiquated Experience

*Design Ethics Architecture Studio* creates a multi-generation farmhouse that accommodates with ease every family member’s individual lifestyle.

The project sits in all its vastness at the foothills of the Aravali Mountain range with sprawling greens surrounding the 4.7-acre area. As the site is heavily landscaped, the view around reveals itself and it becomes mandatory that the design should respond directly to it and highlight the spectacular scenery around.

The layout of the lavish 11-bedroom house takes its cue from the traditional courtyard. The spaces are planned around the courtyard which doubles up as an area for social gatherings and parties. The zoning of the internal spaces was done keeping in mind the segregation between the public and private areas and to achieve optimum functionality and order, with a structured veil to accommodate future expansion.
Fact File
Project Name: Savoyard House
Site Area: 4.7 Acres
Built-Up Area: 30,000 sqft.
Location: New Delhi

The architectural style of the house can be fairly termed as European but with a simpler and modern take.

Principal Architects Poulomi Dhar & Jatin Gupta

The outer skin provides maximum surface area facing an expansive lawn. Double height arches amplify the character with subtle fluted detailing on arch columns. Imposing yet elegant cornices sit as crowns in multiple levels. Patina-finish in railing adds to the vintage nature of the design style. Roughly cut stone fins on the upper level give a light and fleeting touch of modern architecture and which doubly fold as a massive louvered system. A large overhang of balconies and open corridors with colonnades merge to evolve an antiquated experience.

A vast range of materials work in conjugation with one another to generate an evenly and cohesively spoken language of the architecture style. The central deck area is dedicated to outdoor seating and a minimal splash pool merges with the massive central lawn. Greens are introduced throughout the site to optimally disperse the energy of the dramatic structure.
Transforming Spaces

Tata BlueScope Steel with its rich experience in LGFS solution was engaged to give a facelift to Tata Steel’s CRMT Laboratory in Jamshedpur with roof tap extensions

Located in Jamshedpur, Tata Steel has a group of laboratories which provide scientific and metallurgical testing and investigations for a wide range of scientific services. These mechanical and chemical testing help establish the quality of raw materials like iron ore, coal etc. Since R&D centers typically demand constant upgrades with respect to safety, efficiency and room for research work, Tata Steel wanted to renovate the existing setup and expand it further for their future research needs.

The CRMT Lab had an existing RCC roof which was to be extended for extra space. A roof top building for the Metallurgical section for over 500 sq.m was to be installed. The building also required a facelift for its front facing entrance.

Tata BlueScope Steel with its rich experience in LGFS solution, was preferred for setting up the structure. The existing building was very old and due to its limited load bearing capacity, any other solution would not have been feasible.

The EZYBUILD® solution

Roof Top Extensions from EZYBUILD® with SMARTBUILD® Solution/technology was an ideal choice. The advanced, lightweight framing SMARTBUILD® offered several advantages such as speedy construction, easy installation over the existing structure, and low maintenance. Made of high strength lightweight ZINCALUME® steel, it was best suited for a roof top extension with limited load bearing capacity.

SMARTBUILD® proved to be the best solution to address the requirements - both functionally and aesthetically. Since the building was old, an additional floor would have affected its overall stability, durability and longevity. Due to its tenacity, SMARTBUILD® solution offered great strength and less load on the existing RCC roof. The aesthetics of the existing building had to be seamlessly merged with the new proposed LGFS structure. SMARTBUILD®’s precision engineering enabled design flexibility that was compatible with any exterior and interior cladding product available. Here, the front fascia made of ACP and glass suitably complemented the building structure.
The 4th Edition
24-26 September 2020

TRENDS AND INNOVATIONS IN GLASS

AEROCITY EXHIBITION GROUND
(NEAR IGI AIRPORT)
NEW DELHI

www.glassproindia.com

For more information, please contact:
MESSE DÜSSELDORF INDIA PVT. LTD.
PULKIT MANOCHA
Senior Project Manager
Tel. : +91 [0]311-4055 0054
Mobile : +91 9560091016
E-mail : Manocha@md-india.com
URL : www.md-india.com

GLASS BULLETIN
LAKHAN SINGH
Editor & Publisher
Tel. : +91 [0]11 22934670, 43603899
Mobile : +91 9310562488
E-mail : editor@glassbulletin.com
URL : www.glassbulletin.com

Powered by
GLASS BULLETIN
Messe Düsseldorf
India
KingZip: Fulfilling Design Intent

Passenger Terminal Building at Kartarpur Corridor designed by Creative Group has about 300,000-sqft of high-performance standing seam roofing – an architectural roofing solution provided by Kingspan Jindal

What does the project entail?
The Kartarpur Corridor is one of the most iconic projects in India wherein the passenger terminal roofing system is meeting all the architectural design aspects. The project involves the supply and installation of about 3 lakh square feet of high-performance architectural roofing system. The scope of work includes design, engineering, manufacturing, and supply of customized architectural roofing solutions. The state-of-the-art passenger terminal building complex has been inspired by symbol ‘Khanda’ which represents values of oneness and humanity; it involves a lot of engineering detailing to achieve such a unique shape of the roofing.

What are the unique features of KingZip?
Kingspan Jindal has provided KingZip - Architectural Roofing Solution - that can achieve total design flexibility of all architectural requirements to create a beautiful and unique composition of 5 petals that symbolises the 5 vows of Sikhism. This Roofing system delivers an innovative high-performance architectural solution with better insulation. Features include advanced structural, thermal, acoustic and fire performance and exceptional long-term weatherisation and durability.

KingZip Systems are available in 2D and 3D application called KingZip Linea and KingZip Infiniti. KingZip Linea can be tapered or smooth curved to 5m convex. KingZip Linea 2D building envelope gives freedom to design with total flexibility. Kingzip Infinity can be tapered or smooth curved to 1m convex and 12m concave radii, and any length is possible. King Zip Infiniti offers unprecedented freedom to create extraordinary 3D geometric buildings with complex shapes and forms - taking design and construction of the building envelope to new levels.

What other solutions does Kingspan Jindal offer?
Kingspan Jindal is a joint venture company of Ireland-based Kingspan PLC and Jindal Mectec - global and Indian market leaders of insulated panels and building envelope solution providers. Kingspan Jindal is operating through a strong, local manufacturing base with two modern factories at Nalagarh and Indore and a pan-India sales and dealer network with full access to Kingspan’s world-leading insulated panels and building envelope technologies.

In addition to high performance and energy-efficient Insulated panels for Industrial Buildings, Warehousing, Factories, Manufacturing Industries, Cold Storages, Clean Rooms, etc., we are also offering a world-class infrastructure solution, leveraging Architectural Building Envelope Solution – KingZipTM (standing seam roofing system) and Architectural façade system, especially suitable for airports, rail infrastructure projects, commercial and intricate steel building projects.
Customized range of
Doors & Windows
Designed specifically for various usages

Servicing the construction industry for over 49 years, we have executed many prestigious projects with our Doors & Windows all over India.

OUR CREDITS

- CBRI & TAC approved fully insulated fire doors for different fire ratings
- Blast Resistant steel doors & windows
- Large sized Industrial doors Manual & Motorized
- Hollow metal pressed steel doors (insulated & un-insulated) out of galvanised and stainless steel sheets
- Tubular profile windows with pressed steel frames for broad outlook
- Airtight steel doors
- Steel doors & windows as per IS:1058 & 1361
- Anodised & electrostatic powder coated aluminium doors, windows & partitions etc.
- Fully Automatic Vertical Folding Doors of width upto 14 metres and height upto 6 metres
- Pressed steel frames for doors & windows as per IS:4351
- Rolling Shutters as per IS:6248, both manual and automatic type
- Pressed stainless steel wall/column cladding panels, handrails, frames & facia’s

On the Approved Vendors List of Various Govt. Undertakings Like EIL, NTPC, GAIL, BHEL etc.

SUPER STEEL WINDOW CO.
(AN ISO 9001 : 2015 ACCREDITED COMPANY)
STEEL HOUSE : F-2, Udyog Nagar, Adjacent to The ISH MEHRA DWAR, Rohtak Road (NH-10), New Delhi-110 041, INDIA
Tel.: +91 11 49534788 / +91 98100 80888 Email: info@supwinco.com Website: www.sswc.in & www.supwinco.com
What products does Visaka Industries manufacture?

We have a wide product portfolio ranging from corrugated cement sheets, fibre cement boards, hybrid solar roofs to manufactured fibre yarn. We are developing sustainable products for both domestic and international markets under Vnext which is enabling consultants, builders, architects and applicators to emphasise more on sustainable architecture.

With 12 manufacturing units, 13 marketing offices and a PAN-India distribution channel of over 7000 dealer outlets products under the Vnext range are all GreenPro and IGBC certified.

Visaka Industries Limited has emerged a renewable business enterprise with a strong focus on developing innovative products to build a sustainable future. Besides manufacturing and supplying WonderYarn at a global scale, Visaka had recently launched its path-breaking hybrid rooftop solar product called ATUM.

Please tell us about ATUM roof solar panels.

A breakthrough invention in the field of sustainable energy, ATUM is an Integrated Solar Roofing System that serves all the functions of a traditional roof while generating energy for you. We manufacture integrated solar panels with a cementitious substrate base. It has better thermal conductivity than a traditional roof while adding an aesthetic element to the roof. We have previously showcased our self-sustainable and eco-friendly model homes at the UNHABITAT assembly in Nairobi, Kenya.
Roofing

The only renewable energy solution comprising an integrated roof and solar panel, ATUM can be managed on a smartphone. ATUM- The Electric Roof generates electricity for over 30 years. It is a completely integrated, seamless solar roof made with Poly Crystalline PV cells and Cement Fiber Board—a highly durable roofing material, making it world’s first solar panel which can be directly used as a roof.

ATUM is certified by Lean Maestro Campbell Corporation to take a uniform load of 780 lbs per sqft, a snow load of 2200 lbs, and the jointing mechanism is a patented leak proof system as per ASTM standards. It is a roof which is Class A Fire rated and designed to take wind loads of over 150mph, making it hurricane proof.

ATUM uses GreenPro Certified material and makes it a highly sustainable, reliable, safe solar roof. ATUM does not need any roof underlay like many conventional solar tiles available in the market, it is a standalone roof. As a roof, it has mechanical properties which are far superior and unachievable by Tiles/ Shingles/ Conventional panels installed on Tiled roofs. Just like any roof, ATUM is available in many brilliant colors unlike the monotonous blue colored solar panels.

ATUM Roof has received IEC CB 2016 & UL 61730 Certification for Coloured and Black Back Sheet Integrated Solar PV Modules. What do these certifications imply?

A pioneer in the Indian PV industry, Visaka Industries has always prioritized to produce durable, sustainable products of the highest quality from our state-of-the-art automated manufacturing facilities.

ATUM coloured and black back sheet solar PV modules are the first-of-its-kind to be certified with IEC CB 2016 and UL 61730. The certification allows ATUM to chart markets in over 50 countries. Global safety science company, UL, has certified ATUM as per the latest International Electrotechnical Commission (IEC) and UL standards for successfully passing the solar photovoltaic (PV) module tests. The certification complies to the IEC Standards revised in March 2016 and allows ATUM – the world’s first integrated solar roof – to position itself in the markets of Europe, Latin America and Africa among 50 other countries.

The IEC standards – IEC 61215 and UL 61730 - were altered considering the changing technological requirements in the solar industry to suit climate change and sustainability. The current norms recognize changes in the test procedure, sequence, duration and methodology for evaluating structural safety and performance of solar modules that are manufactured with crystalline silicon and other thin-film technologies. According to the new standards, modules are required to increase cycle time from 15 days to 120 days to account for the rising UV radiation in the atmosphere. The IEC standard release requires new testing structures, qualification conditions and minimum design requirements to safely operate at higher voltages, fulfilling market trends.

While the updates on IEC 61215:2016 require a ‘19 Module Quality Tests (MQT)’ to be conducted where some MQTs will require additional tests to qualify, they also allow new testing procedures to be set, depending on the tested product. The other IEC standard, IEC 61730 has been completely revised to include new testing sequences and Module Safety Tests (MSTs). The product design must accommodate minimum electrical requirements to sustain a higher voltage.
How Can Architects Contribute to Building a Sustainable World?

Sustainable architects focus on building design and construction that lessen the impact of urban development on the environment. They create buildings that require less land development, use more environmentally friendly materials and are more energy efficient. Architects must team up with developers and building science professionals so that the structure works as a system.

Ar. Manish Dikshit, AUM Architects

The capacity for the biosphere and human civilization to coexist is the fundamental of sustainability. Modern use of the term is comprehensive and tough to define precisely. Formerly, sustainability meant making use of natural, renewable resources that people can continue to rely on their yields in the long term. The idea is to make sure that utilization of available resources doesn’t have any detrimental effects to our collective well-being or making it impossible to get resources for other applications in the long run. A conscious approach is mandatory to save energy and ecological conservation in the design of the built environment.

One of the most important goals in achieving sustainability in architecture is energy efficiency over the lifetime of a building. This means implementing both passive and active techniques to reduce the building’s energy needs and enhance its ability to capture or even generate its own energy. The possibilities of exploiting local environmental resources is one among the critical things to contemplate when carrying out initial site inspections. Sustainable architecture seeks to attenuate the negative environmental impact of buildings by efficiency and moderation within the use of materials, energy, and development space and therefore the ecosystem at large.

An exemplary example of a stalwart structure by Aum Architects, the Anvaya, delves into an individual’s sense of enormity and volume. Devised with a simplistic approach, this structure is bound to stand out for its extraordinary ambiance and subtle play of colours. The grandiose that the structure imposes is a delight to the eye.
The heat/cool calculations for the sort of exterior shell, windows and doors and number of occupants. Selection of the best location and orientation as per the landscape and solar power generation for the total electrical demands of the operational structure. Maybe have enough porch area for raised bed gardening. Endurable architecture means being able to satisfy consumers’ requests, taking the time and natural resources needed into consideration from the very early stages of the project, entering the context in the most viable way possible, planning ahead by making the space and materials employed completely reusable.

Demand for sustainable buildings is increasing as sustainable designs have many ecological benefits, including waste and emissions reduction, water conservation, temperature moderation, storm water management. There is no better way for architects to become purveyors of social change than to embrace sustainable designs. Adapting to shifting demand and taking advantage of new technologies will pay dividends. The benefits not only apply to society at large, but also to individuals and businesses that make a conscious decision to embrace it.

Architects have an obligation to ensure that their designs improve the environment around them.

Ar. Manish Dikshit

---

**K–Lite offers efficient and cost-effective LED bollards**

K–Lite LED bollards give rotationally symmetrical illumination on ground surfaces. The photometric design of the luminaires is based on LED integrated with K–Lite’s precision reflector module. Consistent implementation of new technological developments combined with the highest technical and structural quality have resulted in these state-of-the-art luminaires, which are characterised by their high luminous efficiency, extremely long service life, and uniform illuminance. The luminaires are available in Ø100 and Ø166 with three different heights to suit the installation site. Their sturdy construction makes them especially suitable for areas where a high level of robustness is required to ensure vandal-proof service. They are designed for illumination of footpaths, entrance areas, driveway, private and public areas, gardens and for landscape architecture.

**K–Lite Advantages - Powerful Design**

**Powerful light**
- Extruded aluminium alloy housing through homogenization for durability and thermal management.
- Stainless Steel hardware for long life and easy maintenance.
- Silicon gasket used for IP ratings and conforming to safety and reliability requirements.
- UV stabilized, non-yellowing polycarbonate diffusers for better light transmission.
- Vandal resistant.
- Finished with 60-micron thick polyester based powder coating for uniform deposition and excellent finish.
- CREE / OSRAM / NICHIA make of LEDs; these internationally recognized brands give higher lumen output for better illumination and longevity.

For further details, please contact:

Tel : 044-26257710, 48581950
Fax: 044-26257866
Mobile : 95000 79797, 95000 85511
E-mail : info@klite.in, Website : www.klite.in
Making of a Smart Kitchen

Evershine Appliances is offering a new range of smart storage units for space optimization in kitchens under its Olive brand.

The SMARTEK range of Kitchen Drawers under the Olive brand is the result of the company’s continuous design and development of products that follow the latest global trends. The company’s aim is to supply its made in India kitchen products, that are of European-style and quality, to both the international and domestic markets.

To design every type of modular kitchen, the company is offering different types of multipurpose drawers with high durability and superior quality, including top quality inputs in the newly launched SMARTEK ABS drawers. The SMARTEK Kitchen Drawers with virgin ABS material come in two variants (glass and aluminum gallery rails) to enhance their look and durability. The glass drawers with ABS material have glass rails that are horizontally placed and connected with ABS material corner drawers.
SMARTEK product portfolio is specially designed to give an ultra-modern look to kitchens. The range caters to architects and interior designers of high-end residences who are keen to visualize their kitchen look and design using the latest and most advanced products.

Bankim Patel, Founder & Chairman, Olive Group
India’s Green Building Future Takes Shape

At Greenbuild India hundreds of green building and sustainability professionals discussed LEED and green building practices that help deliver a more sustainable future.

The U.S. Green Building Council (USGBC) held the third edition of Greenbuild India - a two-day event at the LEED Platinum certified ITC Gardenia in Bengaluru. The flagship event for sustainability professionals was attended by more than 400 sustainability leaders from across India and around the world – people who are committed to creating buildings and communities that improve the quality of life.

During the Opening Plenary, Mahesh Ramanujam, President & CEO, USGBC, Green Business Certification Inc. (GBCI) and Arc, announced the launch of the Living Standard campaign in India, which will explore a new way of talking about the challenges green buildings address and their ability to improve quality of life. “This year’s conference once again demonstrated the enormous potential for India in creating greener buildings, cities and communities,” he said.

Featuring education sessions and discussions around LEED v4.1, waste reduction, building performance and the connection between buildings and health, Greenbuild explored the latest LEED developments and green building practices. USGBC Senior Vice President Mili Majumdar shared the latest version LEED v4.1, and how it is moving the industry to focus more on performance. LEED v4.1 is available for virtually all building types and includes a simplified path to certification for the residential sector. Education sessions and events explored how the rating system encourages strategies that create better homes for people and the planet. She also outlined a vision called LEED Positive, which will guide USGBC in transitioning from strategies that reduce harm to those that cause no harm and begin the process of healing and repair. A panel discussion featured female leaders from Interface, IKEA, Ela Green Buildings & Infrastructure Consultants and GBCI India.

This year’s Greenbuild Leadership Award recipients included Citi, Delhi Metro Rail Corporation, GMR Group, Infosys, Tata Group and Padma Shri Ar C N Raghavendran, a decorated green building professional. India’s green building activity has been steadily growing and the country has consistently been among the top 10 countries and territories when it comes to LEED-certified buildings. There are currently more than 3,200 buildings in India that are using LEED.
bauma CONEXPO INDIA

3 - 4 - 5 - 6 November 2020 | Gurgaon / New Delhi

Facts and figures:

| 39,173 | 668 |
| Participants from 61 countries | exhibitors from 26 countries |
| 195,000 m² | of exhibition space |

Products on display:

- All around construction sites
- Mining, extraction and processing of raw materials
- Production of building materials
- Component and service suppliers

Who must visit:

- Contractors
- Developers / Builders
- Government / PSUs
- Financial Companies
- Manufacturers
- Rental Companies
- Channel Partners

Book Your Space Now!

International Trade Fair for Construction Machinery, Building Material Machines, Mining Machines and Construction Vehicles.

Next Stop DELHI

For Bookings Scan QR Code

Contact: Ms. Violet Rodrigues
Tel.: + 91 22 6787 9804
info@bcindia.co.in | www.bcindia.com

Partner Association

Joint Organizer

Supported by
What are the features and benefits of BDN Fasteners and Roofing screws?
BDN Fasteners are 100%, factory direct, made-in-Taiwan fasteners that are manufactured according to AS3566 standards. No corners are cut during production processes, which include stringent QC procedures, immaculate packaging, meticulous attention to detail, and guarantee that the products will outperform on any given day.
Our full range includes self-drilling and self-tapping screws for steel to steel and steel to timber applications in various coating options to suit all kinds of environments. We offer Type-17 Timber Screws, DEKS Blue Line Weatherseal Washer, Hex Washer Flange Head – all of which are 100% Made in Taiwan. With expertise and experience gained from the steel business, we are able to source the best and most suitable wires for our fasteners’ production.
Our patented Thunder-Shot drill point provides fast and steady drill performance. The BN3 Silver Coating can withstand 1000 hours of salt spray test and 7 Kesternich cycles. DEKS Blue Line Washer (Australian Dekseal Trueblue Washers) are UV and Ozone resistant, non-conductive to prevent corrosion problems. The BDN registered head mark helps identify the registered “B” head marking on the hex recess to avoid buying knockoffs.

What is the company’s manufacturing infrastructure, capacity and market presence?
We have a 4000 sqm manufacturing area, plus a 5500 sqm packaging and warehouse facility. Our manufacturing capacity is approx. 500 metric tons per month. BDN Fasteners are used mainly in coastal areas or areas with high corrosive environments by leading PEB and roofing companies in India. Our international presence is in Thailand, Philippines, Indonesia, Cambodia, Myanmar, Middle East, Australia, New Zealand, and is gradually gaining momentum worldwide. Our distributors in every state of India handle the dealership network locally.
What are the application areas?
Using BDN Metal – Tite™ Fasteners it is easier to fix sheet metal for carports, garages, fences, sheds, homes, etc due to the self-drilling metal screws. Builders and carpenters can save money and time with the self-drilling sheet metal screws' unique ability to pierce through metal, eliminating the need for pre-drilling.

Made from hardened C-1022 for better durability and strength, our valley fixing self-drilling metal screws are ideal for fixing wall curtains steel purlins. Adhering to true AS standards, these screws come with a large washer flanged head and DEKS EPDM cut washers. In the heavy-duty range, each fastener comes with our patented Thunder-shot drill point for steady and fast performance. Our heavy-duty drill points drill upwards through 12.5mm thick substrates, while effectively clearing out swarf. Our valley fixing fasteners boast BN3 Silver Coating, which consists of multiple layers of specially formulated chemicals that can easily withstand the elements.

BDN Crest Fixing Fasteners are used for fixing roofing sheets at the crest onto steel purlins. Special features such as anti-stripping Harpoon threads, swarf clearing Scratshank, and Thunder-shot drilling point makes the screws a must have for builders.

Our concealed fixing fasteners’ wafer head is specifically designed to maintain a low profile upon fixing, creating an aesthetically pleasing flat surface without any protrusions which might create interference. Additionally, these types of fasteners come in PH2+ Philips drive and can penetrate steel thickness of up to 4.0mm.

How is BDN catering to the construction of PEBs?
BDN Fasteners provide expertise and on-site education to clients on the correct choice of screw, where and how they should be used, and how to drill and drive correctly. Alternatively, we receive updated information on fasteners design, current building regulations for PEB construction from companies throughout the globe, and we incorporate the changes in fastener design as per the global trend. We also offer videos, demo packages, brochures and sample boards to help clients with the right selection, usage, installation and maintenance of BDN fasteners.

What are the features and benefits of SDHP Fasteners and Roofing screws?
SDHP Fasteners are 100%, factory direct, made-in-Taiwan fasteners that are manufactured according to AS3566 standards and with strict adherence to the stringent QC procedures. They are delivered with immaculate packaging, meticulous attention to detail, and great customer service. We are manufacturing about 400 metric tons per month.

In which industries and regions are SDHP fasteners being used?
SDHP Fasteners are used pan India by a variety of clientele which includes small roofing fabricators, mid-level PEB companies, and by major PEB and roofing companies. We are also catering to neighboring countries like Nepal, Bhutan, Bangladesh and Myanmar.

SDHP Fasteners are available at hardware shops, profile sheet dealers, nut/bolt and hand tool dealers throughout India, including rural areas.
Sans Souci partition walls are functional and aesthetic

Sans Souci is offering exclusive partition walls, dividers and sculptures created out of glass. The glass partitions divide the interiors into smaller, comfortable and private sections. For instance, they can be used in bedrooms to separate the sleeping area from the bathrooms. While the walls are highly functional, they also provide an interesting decorative element. Using a range of techniques, every design comes in a variety of effects, such as frosted, etched and carved. Emphasis is on precision and detail.
Häfele unveils multi-functional space-saving furniture

In keeping with the mega trend of micro-living that presents itself as the ideal solution to the ever-decreasing home spaces and constantly increasing real estate prices in metro cities across the globe, Häfele has introduced the following products:

**Space Square Range of Transformable Furniture Solutions**: Adding "More Life per Square Meter" to homes and interior spaces, Häfele’s assortment of transformable furniture fittings multiply the space available. Space2 is the company’s futuristic range that includes bed fittings, rotatable kitchen countertop fittings and table fittings. These fittings integrate effortlessly within the interiors and astutely utilize the space available.
Loox5 Lights: Hafele’s 5th Generation of Furniture Lighting Solutions – Loox5 - encapsulates the essence of four generations of lighting systems that have redefined home ambience and ergonomics over the last 10 years. Inspired by the demands of time, Loox5 makes lights easy, logical and linear. The lights are a combination of design and engineering, keeping consumers’ comfort in mind.

Spazio Cooker hood: Spazio - the new cooker hood by Falmec - increases the space available around the hood with its compact size, minimum volume and sleek design that match the latest trend of minimalistic design in modern homes. The kitchen space is thus optimized, while creating a more pleasant and functional environment.

Asko Refrigerators: A full range of new built-in combined fridge/freezers, fridges and freezers from Asko, Sweden, come with features like Dura Fresh™, Automatic Humidity Control, and handmade wooden accessories. The Dura Fresh™ System helps create the perfect temperature for meat, fish or veggies; wastage is minimal with this smart drawer microclimate system.

AVENTOS HK top: Blum’s new fitting for stay lifts - AVENTOS HK top gives easy access and better workflow for overhead cabinets in the kitchen. With just a touch to the front, the cabinet front moves up and out of the way, stops in any position, and can be left open while the kitchen is being used. Even large and heavy fronts open with ultimate ease.
Beyond Designs Launches Beyond Designs Home and Bistro

Headed by Co-Founder Neha Gupta, Beyond Designs Home and Bistro is a new vertical of Beyond Designs within their flagship store on M G Road, Sultanpur, Delhi, where one can shop for carefully curated home accessories and dine on European cuisine and some Asian fare. The space is studded with grand chandeliers and furnished with white marble topped tables, exclusive, antique-inspired, eclectic accessories – some created in-house, some sourced from around the globe.

First WAT Connect concludes in Cochin

The first WATconnect series from World Architecture Travel was held in Cochin, Kerala, from January 31 to February 2, 2020. The 3-day event hosted distinguished architects – Ar. Bijoy Ramachandran and Ar. Sunitha Kondur; Directors of Hundred Hands, a multi-disciplinary design Studio in Bangalore, Ar. Quaid; Director of DCOOP Architects, a Mumbai based architecture practice, Ar. Khushru Irani; Director of local ground Khushru Irani design studio based in Pune and Photographer Andre J Fanthome based in Delhi. WATconnect X Cochin was curated by Ar. Rajashekharan Menon; Principal architect of RGB Architecture studio Kochi and Ar. Jills Philip; Principal architect of Soumya and Jills architects Kochi, assisted by Ar. Amrita Vinod and Ar. Mazin Yahia from WAT.

Cochin has nationally and internationally renowned architects and architecture practices that stand in the forefront of design today and WATconnect X Cochin shared the architectural developments and brainstorm ideas on design, art and architecture. Commencing from The Mandalay hall; a concept hotel designed by Ar. Tony Joseph; Director of Stapati Architects, the trail covered projects of Ar. Karl Damshen; Swiss architect based in Cochin, renowned for his work on heritage restoration, Ar. Peter Gast; German architect living and practicing in Cochin, Ar. Bhavana Hameed; Director of Playground Studio, Ar. Vinu Daniel; Principal architect of Wall Makers and Ar. Jacob George; Director of Metaspace design studio. A talk by Ar. Mohammed Sali through distinct works of architects from Cochin, projects of Ar. Latha Raman and Jaigopal; Directors of Inspiration, Ar. Krishnan Varma; Director of Meister Varma Architects, Ar. Cyril Paul; director of Ecorhythm Architects, Ar. Roy Antony, Ar. Jills Philip, Ar. Rajasekhar Menon and Ar Jayadev, were part of the visits. WATconnect X Cochin culminated at Kora Residence; a project by RGB Architecture studio, with a critique of the experience.

Conceived by a passionate group led by Ar. Brijesh Shaijal and Ar. Jayakrishnan KB, WAT is an exclusive gateway devoted to exploration in the fields of architecture, art and culture through guided architectural travel curated by distinguished architects and professionals to around 40 locations worldwide, besides which, WAT has also organised a series of workshops and seminars. “WATconnect takes participants through the minds behind the growing architectural developments to bond, share work culture and design methodologies and brainstorm,” says Brijesh Shaijal, Founder, WAT.
UNLOCK THE DOORS OF INFINITE POSSIBILITIES

Zak returns to Mumbai with the 17th edition of India’s leading expo on Doors, Windows, Façades, processing and its allied technologies. Be a part of this grand display of latest advancements in the field by industry pioneers.

03-06 DEC 2020
MUMBAI

Organised by:
ZAK TRADE FAIRS & EXHIBITIONS PVT. LTD.
2A, Second Floor, 60, Murrays Gate Road, Alwarpet, Chennai-18.
Tel: 493 4144 6295 9595 | www.zakgroup.com

For enquiries contact:
Aditya Sahoo | +91 99302 88023
aditya@zakgroup.com | www.zakdoorsandwindows.com
With design trends moving towards the bright and bold, innovative graphic and geometric patterns are making a comeback. A striking and complementary colour palette combined with engaging modern or abstract prints can be blended with contemporary elements to achieve a uniquely curated space. Nature-inspired graphics – birds, branches, flora, mythical animals or the traditional beauty of floral patterns, either abstracted or straight up chintz, are cropping up everywhere from bedding to wallpaper to throw pillows, along with versatile patterns from contemporary to classic to rustic in the form of chequered floors, back splashes, bold rugs and wall art.

New-Delhi-based architect Aparna Kaushik has crafted living rooms that reflect elegance and functionality. The calm, muted spaces are fitted with luxurious furnishings and accented with exquisite lights, artworks and details. Each space is also informed by the context, enhancing its surroundings and elevating the lifestyle of the occupants.

Respite is a new patented COREtec® XRC technology-based flooring solution that represents a seamless design approach. It delivers high performance and durability in heavy commercial environments. The patented construction is dimensionally stable, waterproof, and scratch-resistant. Respite’s attached cork underlayment reduces sound transmission, delivering a human-centered solution for public and private spaces. The innovative COREtec® XRC technology provides a dimensionally stable construction while the high-density core is ideal for commercial environments.

Sources Unlimited is offering a new collection of exclusive, sculptural sofas by the legendary brand Sicis. Renowned for its savoir faire expressed in the art and technique of mosaic, Sicis has also made an equally impressive mark in the furniture world with its unique creations that redefine the conventional ideas of aesthetics while offering elegance and functionality.
Most important marketplace for logistics professionals in Asia

18-19-20 JUNE 2020 | Pragati Maidan, New Delhi

A global event on warehousing, material handling, storage, Logistics & Supply Chain

www.IndiaWarehousingShow.com

For Bookings contact: Janish Jafri | M: +91 99996 86007 | E: janish.jafri@reedmanch.com
MORTICE HANDLE
ULTIMATE CHOICE OF HARDWARE
INTRODUCING
an exclusive new range of
SPANISH MORTISE HANDLES AND PULL HANDLES

TIMELESS ELEGANCE

Exclusively promoted by:
VITTORIA DESIGNS PVT. LTD.
t +91 02827 294955 . e sales@vittoriadesigns.com . www.vittoriadesigns.com
Switch from Chemical Earthing to Marconite® Conductive Aggregate Earthing

- 30000+ Macronite Earth Electrodes Installed
- Zero Maintainance for 50+ Years
- Implementation by Qualified Experts & Consultants

Our Clients

INTER-TECH HAS CHANNEL PARTNERS IN:
Raipur, Delhi, Panjim, Margao, Surat, Bhadurgarh, Bangalore, Kollam, Thissur, Gwalior, Nagpur, Gurgaon, Mumbai, Bhubaneshwar, Jaipur, Hyderabad, Meerut, Kanpur, Noida, Pune, Shimla & Chennai

Get in touch to be INTER-TECH’s new channel partner!

Chemically Inert \ No Corrosion \ No Recharge
Contact Us: +91-97171 63893, 98914 02128, 98914 72130 or +91-11-41020365
or info@intertech.com.co
GEZE ACOUSTIC MOVABLE WALL SYSTEM
SLIDING FOLDING PARTITION - KPMG PROJECT

Semi - automatic movable walls are constructed by sound insulated panels which discrete the space to utilize for substantial range of application without affecting each other specifically by sound. This helps in effective usage of room in offices, restaurants, schools, convention center and Hotel. It provides effortless space management solution to use the available area productively.

Automatic Door Systems | Door Control Systems | All Glass Systems | Revolving Door | Sliding Doors
Ventilation Systems | Swing Doors | Manual Sliding Systems | Safety Technology

GEZE India Private Ltd.
MF2 & 3, Guindy Industrial Estate,
Ekkatuthangal | Chennai 600 032
(T) +91 44 4061 6900
(E) office-india@geze.com
What will you choose Product or Brand?

Why choose one when you can get both.

Lingel where product is synonymous with the brand.

✉️ mario@lingel.in  ☎ 91 9870 275 745  🌐 www.lingelwindows.com