

Celebrating



Impressions that last...

30 YEARS
OF GLASS



www.artnglassinc.com

UPVC



ALUMINUM



INTERGLASS BLINDS



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Visit us :- www.greenfenestration.com



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Presence in:- • Punjab • Haryana • Jammu & Kashmir • Uttar Pradesh • Delhi • Himachal Pradesh • Uttarakhand.



GREAT HOMES
DESERVE GREAT
GLASS



Impressions that last...

Residential | Commercial | Retail

Company Profile

Mr. Lokesh Pathak has come a long way in glass processing industry. He started his business in 1986 and Later on, he decided upon the name "Art-N-Glass" with an intention of selecting a name which would encompass all our product offerings under a single theme. This was a well-chosen decision. Since then, Art-N-Glass Inc. has become a renowned name in almost all verticals related to glass – from Architectural glass to Decorative glass, from Safety glass to Security glass, from plain mirror to designer mirror and glass furniture to objet d'art.

Today, Art-N-Glass Inc. is the most comprehensive and technologically advanced glass processor in India, and the only company capable of providing complete glass solutions for both interior and exterior applications. Our state-of-the-art integrated processing facility is situated at Kala Amb (Himachal Pradesh), which is barely 60 KMs from the cities of Ambala and Chandigarh. It is spread over an area around 2, 65,000 square feet. It is equipped with the most advance technology available world over and unmatched and peerless in India. The jewel in the crown is recent addition of fully automated Jumbo plant, which has enhanced the capacity over three times and quality manifold.

This facility have cutting edge technologies and infrastructure like "6 Colour Digital Ceramic Printing Machine", the first of its kind in India and one of the latest in world and Heat Soak Furnace. We have also kept ourselves up-to-date with latest R&D and knowledge and continually upgraded our technology & skills by attending international workshops, seminars and exhibitions.

Our infrastructure, in the hands of the highly skilled technicians, has made it possible for us to provide glass products of unmatched quality and finesse. Our design department, with their constant innovation & creativity, ensures that glass products which can be visualized by you will be realized by us. The workforce of Art-N-Glass is diverse, with over 350 people working in different wings of the business such as, Business development, Designing, Production and customer care & support.

We have ISO 9001:2008 certification and follow the European standard (EN specification)

Our persistent efforts to improve our quality and range continue to pay off in such a way that, Art-N-Glass Inc., over the years, has set up a benchmark in the glass industry globally.

www.artnglassinc.com



Infrastructure & Resources

Plant & Machinery

Tempering plant:

- 1.)HTF SUPER TAM GLASS Finland
- 2.)Southtech with force convection PRC
- 3.)Refine Fully automatic Jumbo Plant PRC

We are operating one of the world's most technically advanced Glass Toughening Plant. HTF•SUPER from Tamglass, Finland.

- Specially designed for Soft coated Low•E Glass.
- Capable to toughen glass up to the maximum size of **3000mm x 6000mm** ranging from 3.5mm to 25mm of thickness.
- **Top Quality:** Optimized Heating System Combined with programmable top convention heating method ensures uniform temperature on the glass surface, thus giving minimum waviness.
- **Technically Advanced:** HTF•SUPER is equipped with the most advance "Pyrometer" that measures the temperature of coated glass surface and maintains the quality of reflective glass as per the parameters of Glass Supplier.
- **Quality Check:** It toughens clear float, tinted & soft coated Low•E glass with emissivity up to 0.02 as per the international acceptance standard, for heat strengthen Glass ASTM C 1048 and EN 12150. Quality analysis done through the quality monitoring system (QMS) ensures that the equipment follows specified safety Glass Standards, which is an inbuilt system in the machine.

Glass Cutting Line:

- 1.)Jumbo Cutting Line from Lisee, AUSTRIA
 - 2.)Jumbo cutting line with 10 station Autoloader CMS, Turkey
 - 3.)Half Jumbo line with 6 station Autoloader CMS, Turkey
 - 4.)Fully Automatic cutting line with inbuilt breaker CMS, Turkey
- Specification : maximum size 3000mmx6000mm



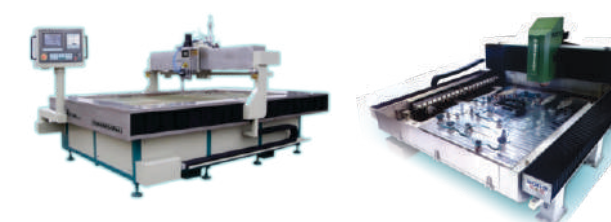
Lamination Lines:

- 1.)Flat/Bend Lamination Line By Handong, PRC
 - 2.)Fully automatic flat and bend jumbo line by YIDA, PRC
- Specification : maximum size 3000mmx6000mm



Insulation line:

- 1.)Hanjiang, PRC with automatic sealing robot by MGM, PRC with automatic spacer bending machine.
 - 2.)Jumbo Insulation with automatic sealing robot from CMS, Turkey with automatic spacer bending machine.
- Specification : maximum size 3000mmx6000mm



CNC Work Centres:

- 1.)4 axis Alpa-320-4c by Z bavelloni, Italy
- 2.)Water jet cutting machine by DARDI, PRC
- 3.)Jumbo double edger by Golive, PRC
- 4.)Vertical drilling and milling centre by GLASSMAN, PRC
- 5.)Vertical Drilling machine

Ceramic Printing:

- 1.)Jumbo screen printing by JUISUN,PRC
 - 2.)Half Jumbo Screen printing By JUISUN, PRC
- Specification : maximum size 2000mmx3000mm



Ceramic digital printing:

- 1.)24 head 6 colour Glass Jet Pro 24ph from Diptect, Israel

Flat glass edging and bevelling machine by Z.Bavelloni, Italy

- 1.)Gemy-6 2.)Gemy-9 3.)B75cn etc.



And numerous Cnc glass processing machines from all around the world.



Impressions that last...

Ceramic Digital Printing Expanding Possibilities

• GLASS JET PRO 24 PH

For the first time in India with Glass Jet PRO 24 PH, we redefine the creative possibilities for glass building elements. Custom designs, multi-color images and personalized features are now affordably available. Digital print technology removes the limitations of traditional glass processing methods, allowing you to get exactly what you want, when you want it and at a price that makes sense. It is direct on Glass multi colour digital printing ranging from whole building facade (including interior and exterior applications) to variable serial number on every glass piece like a car windshield.



Digital Printing Glass

On the other hand Digital ceramic printing is not an ink it's a mineral with teraptine oil as its carrier. First the glass is printed and then its compulsory to temper it. When we temper the oil evaporates and the mineral gets fused with the glass becoming one single entity. Now this is a complete UV, water and temperature protected glass. Which can be use in interior or exterior or even inside your swimming pool. On the other hand Digital UV printing is basically done by printing UV based ink on glass. This glass has to be toughened first or should be left annealed. This ink is neither apt for exterior as sunlight (UV RAYS) makes the ink to fade also in interior purpose any moisture or excess humidity can make the paint fade or even fall off from the glass.

Applications :

- Building facades
- Kitchen cabinets
- Shower doors unique
- Custom wall-cladding applications
- Bold statements with bright colors
- Table Tops
- Virtual Space
- Interior Solutions

	Digital Ceramic Printing	UV Printing
Water Resistance	👍	👎
UV Resistance	👍	👎
Toughened	👍	👎
Exterior Use	👍	👎
Lamination	👍	👎
Heat Proof	👍	👎





Impressions that last...

Architectural Glass Exterior Solutions

Toughened Glass :

Toughened or tempered glass is a type of safety glass processed by controlled thermal or chemical treatments to increase its strength compared with normal (annealed) glass. Toughened glass is physically and thermally stronger than regular glass.

Applications :

- Architectural Glass Doors And Partitions • Shower Cubicles • Table Tops • Passenger Vehicle Windows
- Refrigerator Trays • Glass In Cooking Ranges And Microwave Ovens

Heat Strengthened Glass

Heat strengthened glass is two times stronger than annealed glass used to overcome thermal breakage risks under normal conditions and moderate wind loading as well as eliminate the wavy effect of glass.

Laminated Glass :

Laminated glass is a type of security glass that holds together when shattered. The interlayer keeps the layers of glass bonded even when broken, and its high strength prevents the glass from breaking up into large sharp pieces. The interlayer can also give the glass a higher sound insulation rating.

Applications :

- Glass railing panels • Glass staircases • Skylight glazing • Glass domes
- Burglary proof glass • Bullet resistant glass

Insulating Glass :

Insulating glass is also known as double glazing glass. These are basically a double or triple glass window panes separated by a spacer along the edge and sealed to create a dead air space between the layers. This type of glazing has functions of thermal insulation and noise reduction.

Bend Glass :

Bend Glass: is made via heating flat glass until soft, carefully formed to the desired shape, and then annealed by controlled cooling to minimize trapped energy within the glass. The resulting bent annealed product offers un-enhanced strength and the stability of minimized internal stresses.

Applications :

- Architectural bend glass applications • Display counters
- Curved windshields • Glass Furnitures

Stack Glass:

In this technique of decorative glass, glass strips are placed over one another to create a wall of glass. Many designs, patterns and textures can be created with stacked glass. Even objects d'art and glass sculptures are also made using this technique.

Glass Pillars:

These are pillars of solid glass, when combined with creative lighting gives an ethereal look and enhances any ambience. They are generally used as open partition between drawing room and dining room as well as in railing. They are available in variety of designs, shapes, sizes and colors.



IGI Airport T3 (New Delhi)



Cyberwalk IT Park (Manesar)



Project : Advant IT Park (G.Noida)

Architectural Glass



Decorative Glass



Impressions that last...

Decorative Glass Freedom To Design

Decorative Glass can bring about a complete transformation to interior design. The wide range of available effects, patterns and colours allow you to create the desired look in your home or office building. Decorative glass can be used in combination with other glasses with different functionalities.

Benefits :-

- Helps achieve the desired look with an interior, by offering a range of colours, textures and designs to choose from
- Decorative glass can complement or contrast beautifully with other construction material like stone, wood, and metal.
- This glass is durable and low-maintenance
- Decorative glass can be combined with glasses with other functionalities such as thermal insulation, acoustic insulation, and safety.

Decorative Processes :

- AIR BRUSHING • SAND BLASTING • GLASS ON GLASS • FIRE FUSION • ETCHING • STAIN GLASS • STACK GLASS •
- SLUMPED GLASS • BEND GLASS • FROSTED GLASS • CHEMICALLY PROCESSED GLASS • LAQURED GLASS •
- DIGITAL CERAMIC PRINTING • FABRIC LAMINATION AND MANY MORE.....

Etching Glass :

Sand Blasting :

In decorating glass, sandblasting is a wonderfully popular technique which is used to describe the act of propelling very fine bits of material at high-velocity to clean or etch a surface.



Chemical Etching :

Chemical etching is another way to produce etched glass. Instead of an abrasive, however, a chemical cream is applied to the glass. It is this etching cream that produces the final frosted effect.

Stained Glass :

Stained Glass has been practiced since the 12th century or even before that. It was a tedious method to color the glass by adding metallic salts during its manufacturing. The palaces and mansions of kings and princes were decorated with stained glass.

Applications :

- Windows & Doors
- Ceilings
- Glass partition



Beveled Glass :

is usually made by taking thick glass and creating bevel around the entire periphery. Bevels act as prisms in the sunlight creating an interesting color diffraction which both highlights the glass work and provides a spectrum of colors which would ordinarily be absent in clear float glass.



Stack Glass :

In this technique of decorative glass, glass strips are placed over one another to create a wall of glass. Many designs, patterns and textures can be created with stacked glass. Even objects d'art and glass sculptures are also made using this technique.



Security Solutions
Impervious



Security Solutions

Protecting lives with secured glasses

Product : Bullet proof glass after 2 shots from AK-47

Protecting lives with secured glasses



Always meeting the stringent International quality standards and specifications like **EN 1063; LEVEL 1-7, NIJ 0108.01; LEVEL 1-4, STANAG 4569; LEVEL 1-4**. Our glasses are tested and approved by Terminal Ballistics Research Laboratory (TBRL) India.

DEFENCE SECTOR

ART-N-GLASS INC. provides glass solutions to defence industry, to the companies providing armoured vehicles to defence industry as well as civil sector.

Bullet Resistant Glass For:-

- Armoured And Mine Protected Vehicles
- Military And Para Military Forces Vehicles
- Civilian Vehicles
- Bullet Resistant Glasses With Poly Carbonate
- Bullet Resistant Glasses Without Poly Carbonate
- Flat And Curved/bend Bullet Resistant Glass
- Ceramic Printed Bullet Resistant Glass



ARCHITECTURAL SECTOR

ART-N-GLASS INC. manufactures architectural glass which provides Security, Safety and Comfort to your life. We produce architectural glass for exterior and interior applications, for functional as well as aesthetic purposes, in any colour and thickness. Security glass which we produce are commonly used for Banks, Embassies, MNCs, International organizations, Private residences, Cash carrying vans, Private cars, BP Podiums and BP Morchas.

PRODUCTS:-

- Bullet Resistant Glass
- Switchable Privacy Glass
- Burglary Proof Glass
- Ceramic Printed Glass
- Tempered Glass
- Digital Ceramic Printed Glass
- Laminated Glass
- Fire Rated Glass
- Double Glazed Insulated Glass
- Flat And Curved Glass



**Automotive Glass
Safety & Durability**



Automotive Glass

Safety & Durability

LAMINATED CURVED GLASS/FLAT WINDSHIELD GLASS :

Laminated Windshield Comprises two sheets of glass bonded together with one layer of PVB under heat and pressure to form a single piece. It is benefitted from the safety and security point of view because when laminated glass cracks under impact, it remains integral, unlike annealed glass which produces long, sharp-edged splinters on breakage. It also blocks UV rays thus preventing deterioration in the appearance of interior trims.



TOUGHENED/ TEMPERED SIDE GLASS

Float glass is heated to a temperature near its softening point and force to cool rapidly under controlled conditions, creating toughened glass. It prevents the passengers in case of accident from getting hurt due to small size of glass splinter and pieces.

Automotive Glass: Apart from making Architectural glass and decorative glass, **ART-N-GLASS INC.** Also make high end glasses for all types of automobiles. We make flat as well as curved glasses. We do ceramic printing on automotive glasses.

**Glass Furniture
Countries & Beyond**



Art-N-Glass Inc. offers you a whole new range of glass products to enhance your decor. The best of designs and the unbeatable quality of our glass products are meant to win your heart at just a single glance.

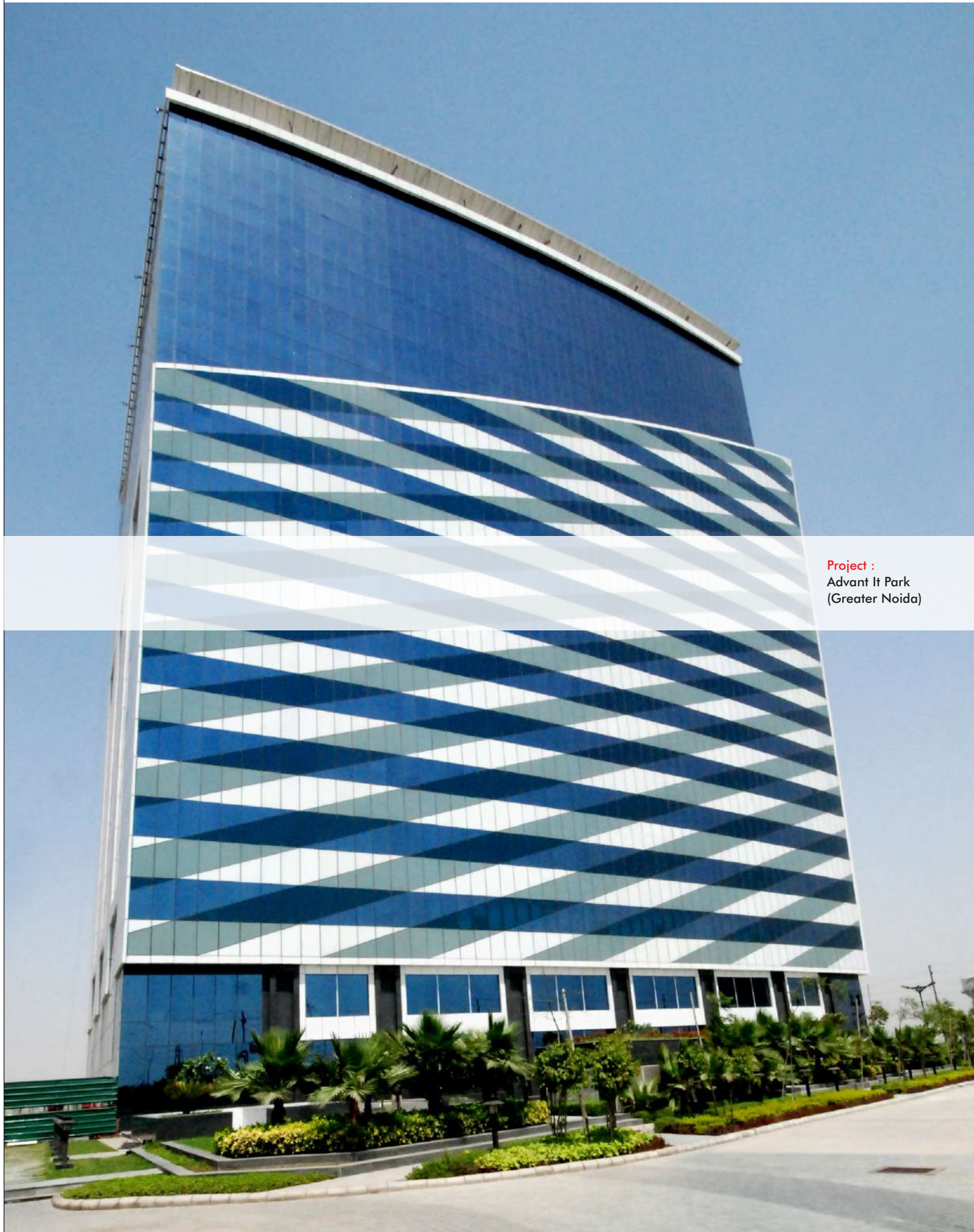


Export Furniture



From a wide range of decorative mirrors to a mesmerizing collection fo antique mirrors giving a touch of royalty and class... From glass platters for the kitchen to the colorful washbasins. From a simple show piece or Photo frames to the most finely created furniture to make living worth it... The Art-N-Glass collection covers all aspects of your interiors and caters to every taste and every style need.

**Major Project
Clientage**



Project :
Advant IT Park
(Greater Noida)



Our Vauable Clients

CBI Head Quarter, New Delhi
 CGDA, DRDO, Palam, New Delhi
 Rashtrapati Bhawan, New Delhi
 ESI Hospital, Gurgaon
 Thyagraj Stadium, New Delhi
 Shivaji Stadium, New Delhi
 Times of India, Noida
 Welldone IT Park, Gurgaon
 Tech Mahindra, Chandigarh
 Leela Hotel, Chanakyapuri, New Delhi
 Wyndham Hotel, Dwarka, New Delhi
 Oberoi Hotel, Gurgaon
 Panacea Biotech, Mathura Road, New Delhi
 Technology Zone, Noida
 Sigma IT Park, Gurgaon
 'D' Mall Pitampura, Mw Delhi
 Gold Souk, Ludhiana
 Gold Souk, Jaipur
 MGF Mall, Jaipur
 MBD, Ludhiana
 Country Inn Hotel, Amritsar
 MD University, Rohtak
 Mohan Vilas, Kundli
 Super Specialty Hospital, Jammu
 Ramtek IT Park, Dehradun
 Spirit Global Mall, Panchkula
 Eros Mall, Jangpura, New Delhi
 Vardhman Fortune Mall, Delhi
 JMD Ludhiana
 City Emporium Mall, Chandigarh
 Hill View, Baddi
 Umkal Healthcare Pvt. Ltd., Gurgaon
 Syscom Project, NEPZ Phase-II, Noida
 Square City mall, Lawrence road
 Best Group, Pitampura, New Delhi
 Tapasya, Noida
 Infocity, Gurgaon
 Fitzsu Project, Sector-63, Noida
 Hindustan Times, Connaught Place, New Delhi

Indo Hong Kong Project, Gurgaon
 Claridges Hotel, Surajkund, Faridabad
 Sarovar Hotel, Surajkund, Faridabad
 Hotel Leela venture, Udaipur
 K.R. Mangalam School, Greater Kailash-I, New Delhi
 Commonwealth Games Village, New Delhi
 JMD Mega polis, Sohna Road, Gurgaon
 Forest Department Office, Mohali
 Park Plaza Hotel, Ludhiana
 Homeland-City mall, Baddi
 Net Smart, IT Park, Chandigarh
 Microtech, IT Park, Chandigarh
 Punjab Tractor, Ltd., Mohali
 Competent Motors, Mohali
 KMG, Sec-67, IT Park, Mohali
 James Plaza Hotel, Sec-17, Chandigarh
 HPGCL, Sec-6, Panchkula
 BMW Showroom, Ludhiana
 Toyota Showroom, Solan and Hisar
 BSNL, Sec-39, Chandigarh
 Hotel Ashok, Zirakpur
 Chandigarh Airport, Chandigarh
 Tagore Theatre, Sec-18, Chandigarh
 Forest Complex, Sec-68, Mohali
 Hotel Toy, Sec-34, Chandigarh
 Hotel KLG, Chandigarh
 GMP technical Solution, Baddi
 Tricity Plaza, Zirakpur
 GBM Complex, Zirakpur
 Intercontinental Eros, New Delhi
 Piccadilly Hotels Pvt. Ltd., Janakpuri
 Today Hotels Pvt. Ltd, New Delhi
 Dibon Software, IT Park, Chandigarh
 Hotel Le Meridien, New Delhi
 ITC Maurya Sheraton Hotel & Towers, New Delhi
 Hotel Pull Man, Gurgaon
 Hotel Ramada Plaza, New Delhi
 Vatika Western Hotel, Gurgaon
 Radisson Hotel, New Delhi

Cyber walk IT Park, Manesar, Gurgaon
 MCD Civic Centre, Minto Road, New Delhi
 Advant IT Park, Noida
 Reliance ADAG Corporate Office, New Delhi
 Delhi International Airport, T3 terminal, New Delhi
 Zest Restaurant Emporio Mall, New Delhi
 Hotel JW Marriot, Chandigarh
 Appu Hotel, Coimbatore
 JDPL Hotel, Rohini
 Radisson Hotel, Paschim Vihar
 Crown Plaza, Rithala, New Delhi
 GYS Vision, Gurgaon
 Ireo Grand Arch, Gurgaon
 Stellar IT, Park
 Infosys, jaipur
 Infosys, chandigarh
 Sobha International City, Gurgaon
 Pride Hotel, Aero City, Delhi
 Aman Hotel, Delhi
 Parliament Annexe, Delhi
 KR Mangalam University, Gurgaon
 Brij Munjal University, Gurgaon
 Holiday inn, Delhi
 Nehru Place Metro Station, Delhi



The List Goes On...